

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118751.D
 Acq On : 30 Jan 2020 15:09
 Operator : CG/JU
 Sample : PB126458BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BS

Manual Integrations
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mohammad
 2/3/2020 7:56:57 AM

Quant Time: Jan 30 22:19:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	314757	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1185789	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	689453	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1315171	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	1017879	20.00	ng	-0.01
87) Perylene-d12	15.46	264	1040960	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1751380	103.34	ng	0.00
7) Phenol-d6	6.47	99	2217849	100.69	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1277609	60.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	868440	108.90	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2669086	63.63	ng	-0.02
79) Terphenyl-d14	12.95	244	3312049	70.97	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.70	88	285862	34.825	ng	99
3) Pyridine	3.45	79	705124	30.478	ng	98
4) n-Nitrosodimethylamine	3.39	42	297027	29.946	ng	97
6) Aniline	6.50	93	830701	28.640	ng	100
8) 2-Chlorophenol	6.63	128	760700	39.990	ng	99
9) Benzaldehyde	6.39	77	387078	28.895	ng	97
10) Phenol	6.49	94	912120	36.335	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	699594	37.563	ng	100
12) 1,3-Dichlorobenzene	6.79	146	840289	37.741	ng	99
13) 1,4-Dichlorobenzene	6.86	146	859383	38.451	ng	99
14) 1,2-Dichlorobenzene	7.02	146	796729	37.921	ng	98
15) Benzyl Alcohol	6.98	79	658707	37.709	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	836655	32.251	ng	100
17) 2-Methylphenol	7.09	107	629623	39.736	ng	98
18) Hexachloroethane	7.36	117	304220	37.538	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	509705	34.270	ng	99
20) 3+4-Methylphenols	7.25	107	746790	38.603	ng	98
22) Acetophenone	7.25	105	984515	35.048	ng	# 97
24) Nitrobenzene	7.42	77	773489	35.633	ng	99
25) Isophorone	7.66	82	1442974	37.318	ng	99
26) 2-Nitrophenol	7.74	139	424839	45.895	ng	99
27) 2,4-Dimethylphenol	7.78	122	676430	42.317	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	894418	35.899	ng	99
29) 2,4-Dichlorophenol	7.98	162	695830	39.378	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	759262	37.058	ng	99
31) Naphthalene	8.15	128	2172169	40.551	ng	99
32) Benzoic acid	7.90	122	473891	39.502	ng	97
33) 4-Chloroaniline	8.19	127	505127	20.402	ng	98
34) Hexachlorobutadiene	8.27	225	449180	36.000	ng	98
35) Caprolactam	8.56	113	223507m	38.651	ng	
36) 4-Chloro-3-methylphenol	8.67	107	700752	40.159	ng	99
37) 2-Methylnaphthalene	8.84	142	1548381	40.952	ng	99
38) 1-Methylnaphthalene	8.94	142	1456923	40.559	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	746338	34.597	ng	98

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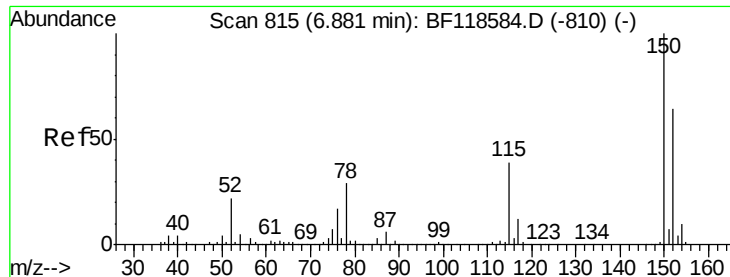
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	883468	81.171	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	539537	37.690	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	558440	38.197	nq	99
46) 1,1'-Biphenyl	9.30	154	1843537	38.797	nq	99
47) 2-Chloronaphthalene	9.33	162	1489080	37.180	nq	99
48) 2-Nitroaniline	9.42	65	415178	33.723	nq	93
49) Acenaphthylene	9.75	152	2296453	40.758	nq	99
50) Dimethylphthalate	9.60	163	1808123	40.253	nq	99
51) 2,6-Dinitrotoluene	9.66	165	418989	41.655	nq	95
52) Acenaphthene	9.92	154	1582564	42.005	nq	100
53) 3-Nitroaniline	9.83	138	272662	23.740	nq	97
54) 2,4-Dinitrophenol	9.94	184	407820	101.558	nq	94
55) Dibenzofuran	10.09	168	2096667	40.157	nq	97
56) 4-Nitrophenol	10.00	139	703833	81.176	nq	92
57) 2,4-Dinitrotoluene	10.07	165	566792	44.699	nq	99
58) Fluorene	10.43	166	1568432	38.265	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	499299	38.828	nq	100
60) Diethylphthalate	10.30	149	1834421	42.120	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	844053	37.862	nq	94
62) 4-Nitroaniline	10.45	138	412613	35.023	nq	99
63) Azobenzene	10.59	77	1563095	37.059	nq	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	312575	54.049	nq	97
66) n-Nitrosodiphenylamine	10.54	169	1499987	37.819	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	590829	36.362	nq	94
68) Hexachlorobenzene	10.99	284	668371	36.282	nq	94
69) Atrazine	11.07	200	573464	41.715	nq	99
70) Pentachlorophenol	11.17	266	731583	71.429	nq	98
71) Phenanthrene	11.39	178	2437015	38.409	nq	100
72) Anthracene	11.44	178	2537227	40.413	nq	100
73) Carbazole	11.60	167	2207186	38.328	nq	100
74) Di-n-butylphthalate	11.93	149	2755549	43.069	nq	99
75) Fluoranthene	12.58	202	2656787	39.700	nq	100
77) Benzidine	12.70	184	1576817	57.978	nq	99
78) Pyrene	12.81	202	2669366	38.628	nq	100
80) Butylbenzylphthalate	13.43	149	1213407	42.904	nq	95
81) Benzo(a)anthracene	14.00	228	2310739	37.738	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	572840	26.255	nq	99
83) Chrysene	14.04	228	2328239	39.674	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1604027	46.422	nq	100
85) Di-n-octyl phthalate	14.60	149	2768514	54.131	nq	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2184680	42.845	nq	100
88) Benzo(b)fluoranthene	15.04	252	2417602	36.948	nq	100
89) Benzo(k)fluoranthene	15.07	252	2249186	37.103	nq	99
90) Benzo(a)pyrene	15.40	252	2083513	36.913	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1847621	37.006	nq	100
92) Benzo(g,h,i)perylene	17.36	276	1747157	36.041	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



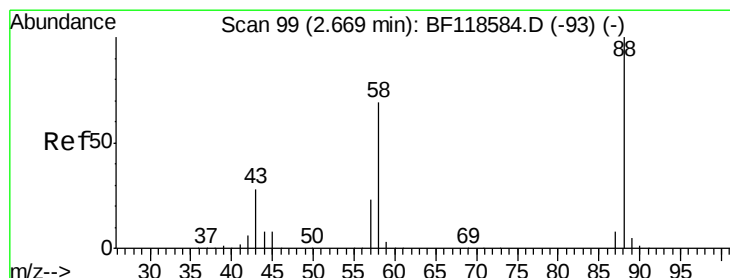
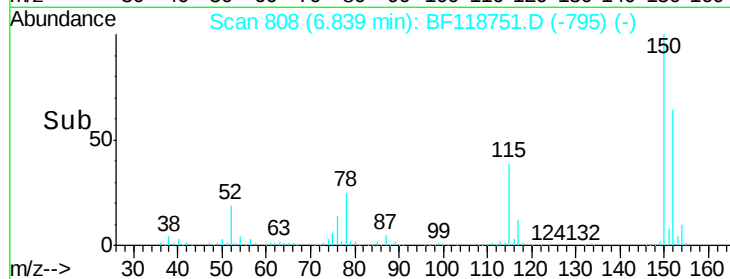
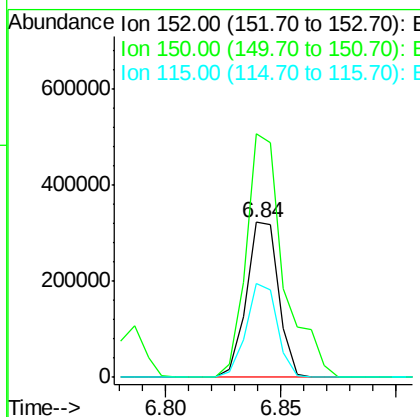
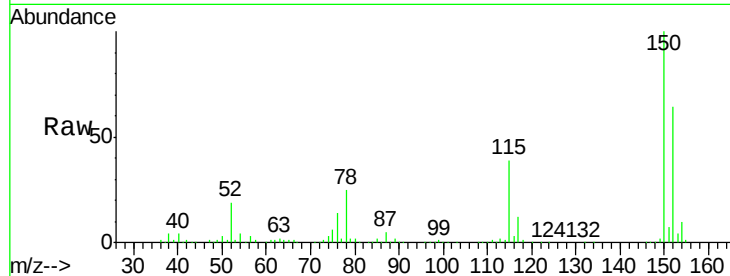
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.7	185.5
115	60.7	45.1	67.7

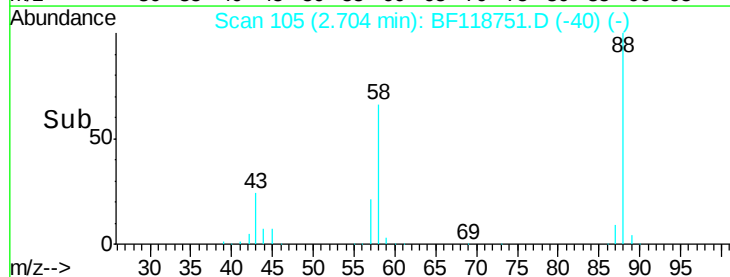
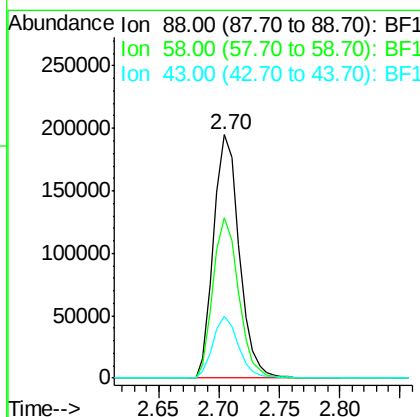
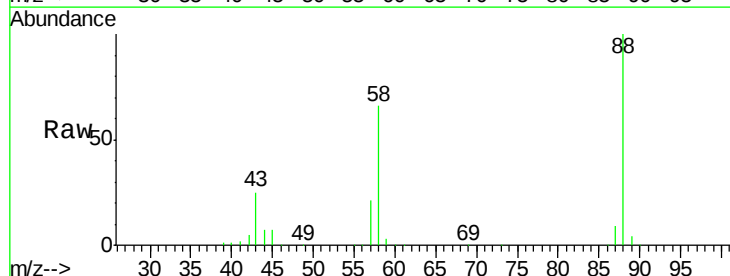
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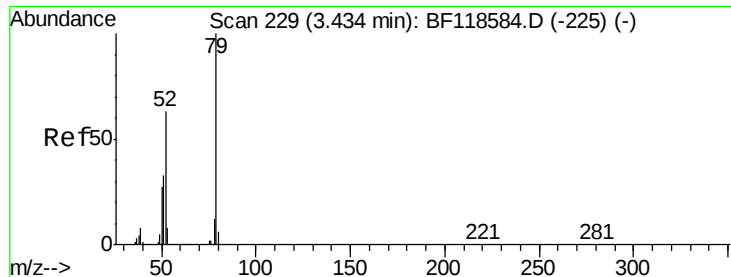
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#2
1,4-Dioxane
Concen: 34.825 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.08 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.6	51.9	77.9
43	24.7	19.3	28.9





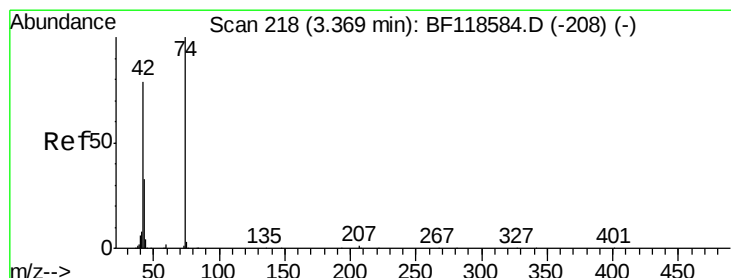
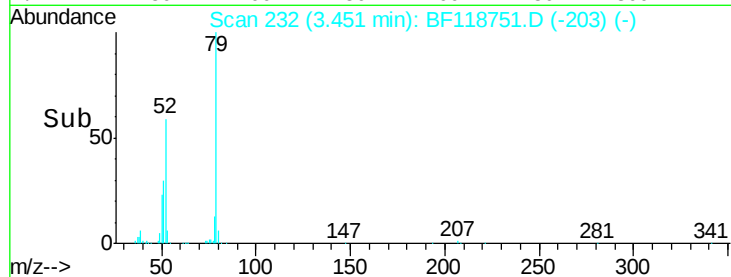
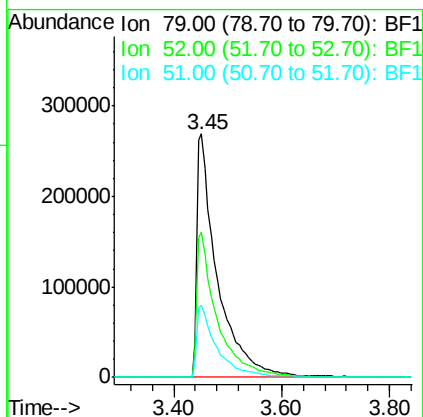
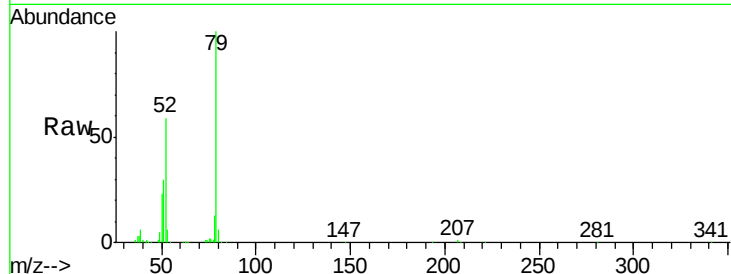
#3
 Pvridine
 Concen: 30.478 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.07 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.3	48.8	73.2
51	29.8	24.4	36.6

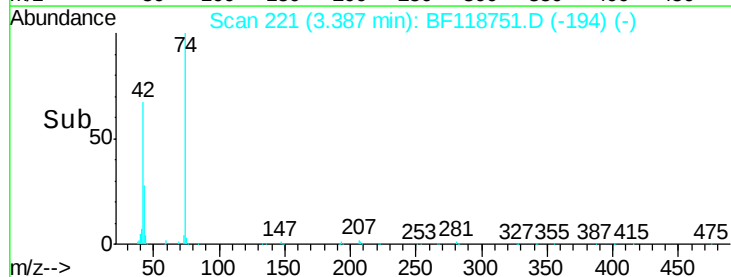
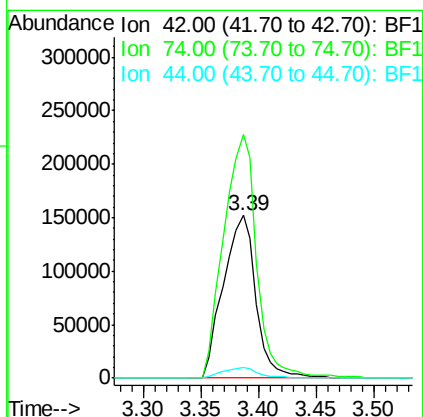
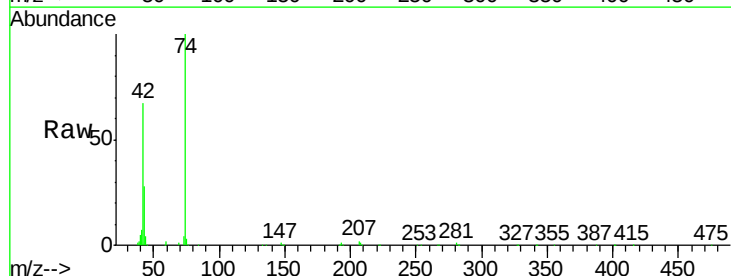
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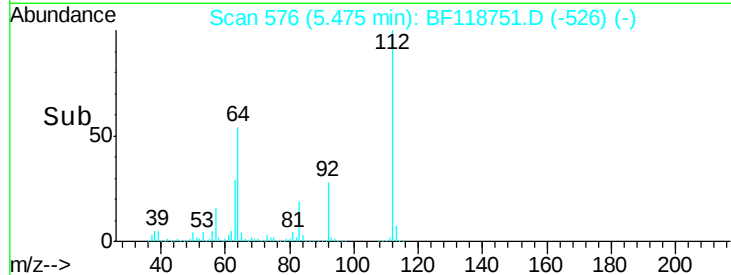
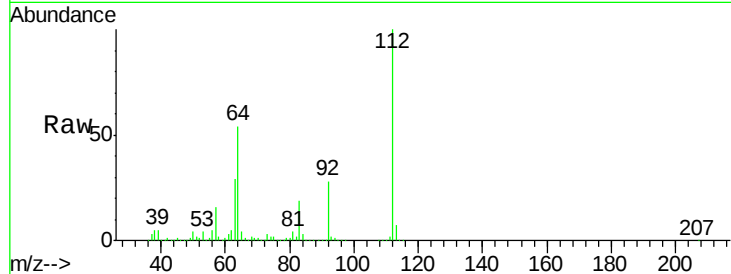
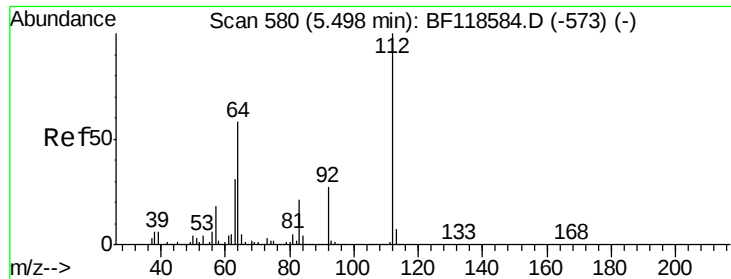
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#4
 n-Nitrosodimethylamine
 Concen: 29.946 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.06 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.0	123.5	185.3
44	6.5	5.6	8.4





#5

2-Fluorophenol

Concen: 103.342 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tot Ion:	112	Resp:	1751380
Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.4	63.6
63	28.7	21.7	32.5

Instrument :

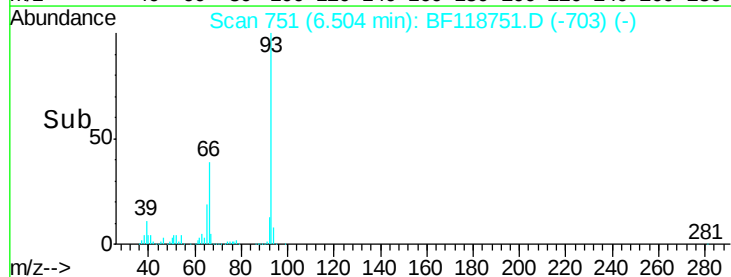
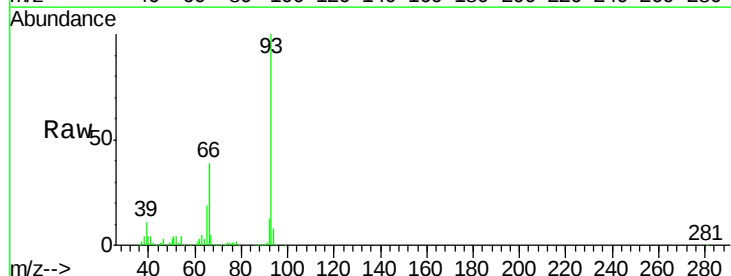
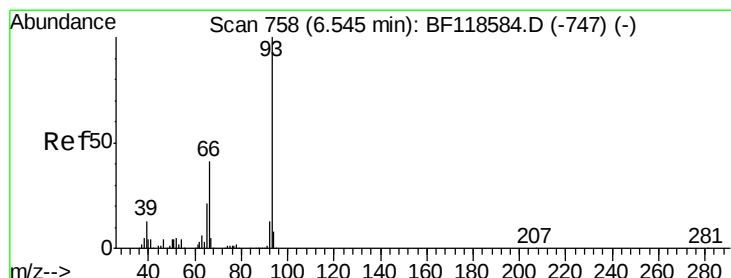
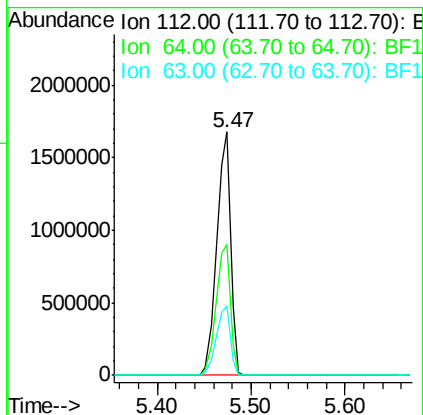
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 28.640 ng

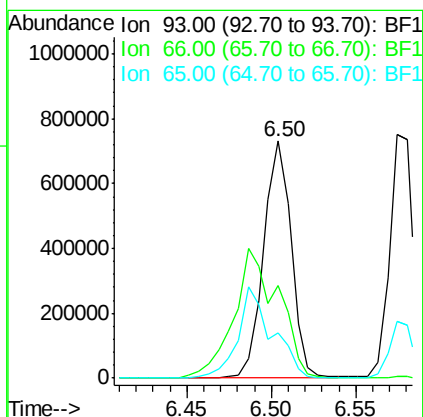
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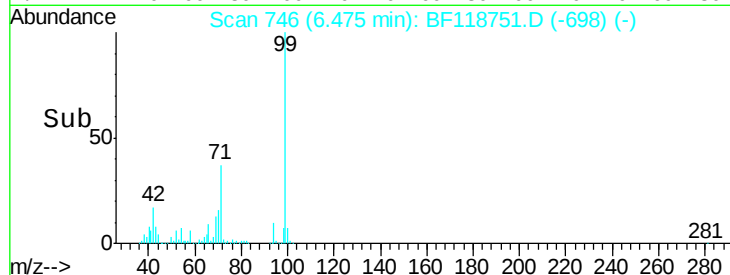
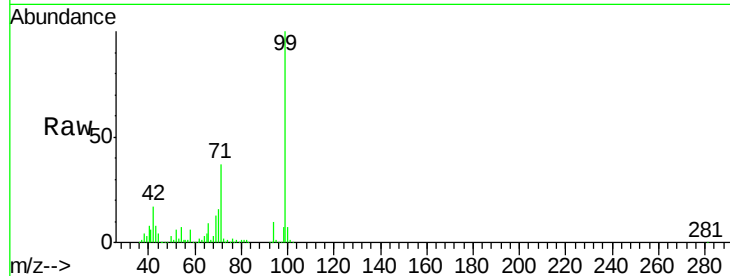
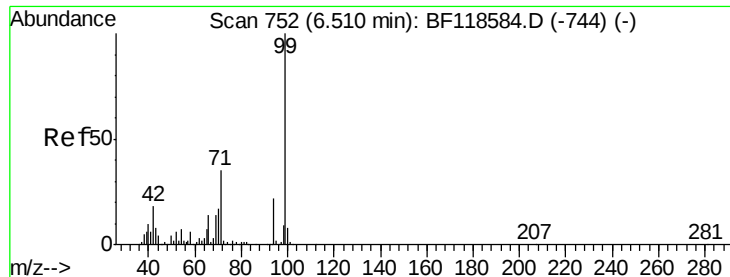
Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion:	93	Resp:	830701
Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.3	46.9
65	19.1	15.3	22.9





#7

Phenol-d6

Concen: 100.686 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tot Ion: 99 Resp: 2217849

Ion Ratio Lower Upper

99 100

42 17.4 13.1 19.7

71 36.8 28.4 42.6

Instrument :

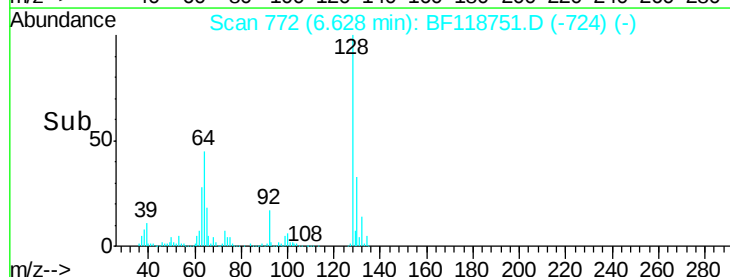
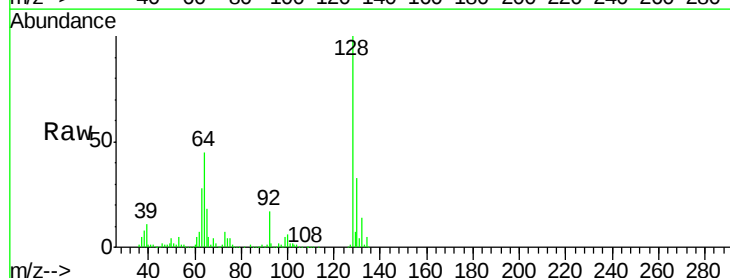
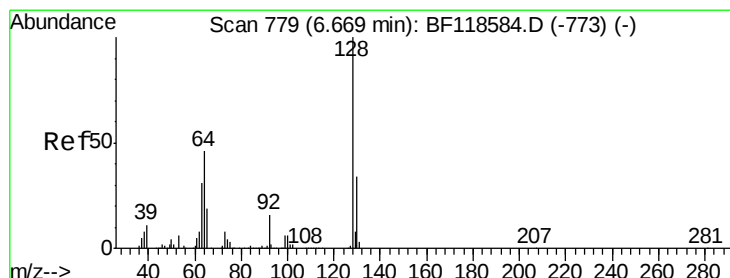
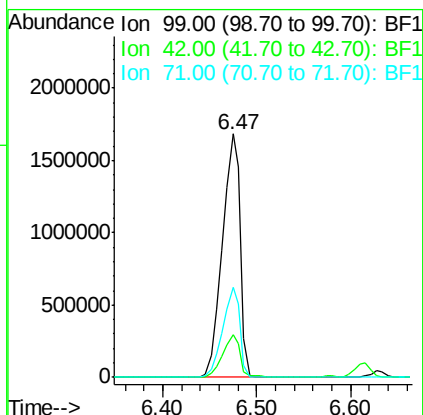
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#8

2-Chlorophenol

Concen: 39.990 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

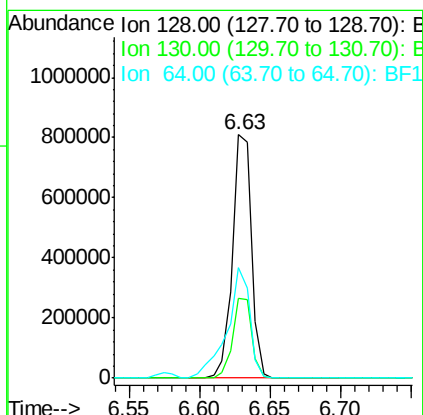
Tgt Ion: 128 Resp: 760700

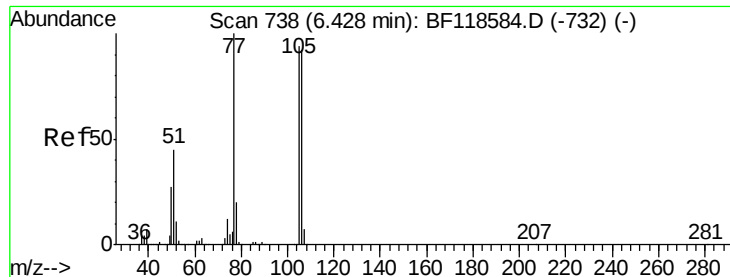
Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

64 45.4 24.5 64.5





#9

Benzaldehyde

Concen: 28.895 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

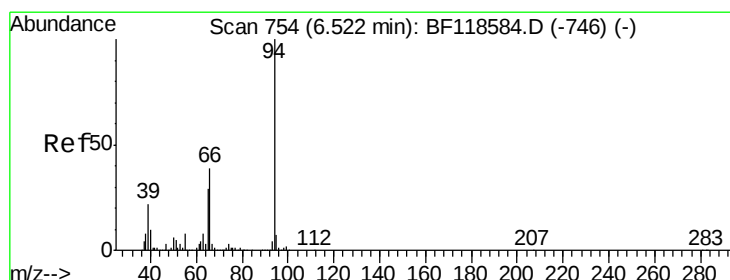
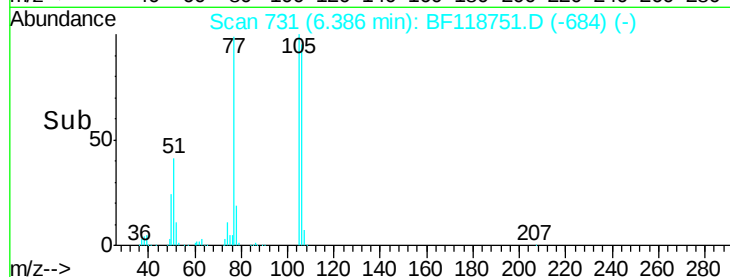
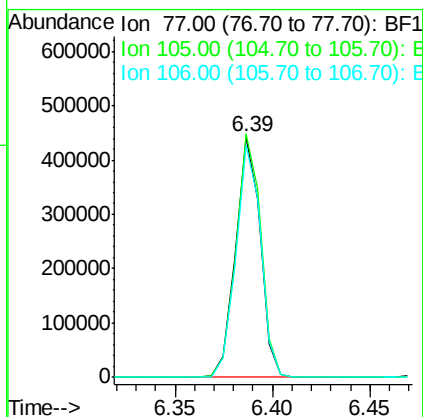
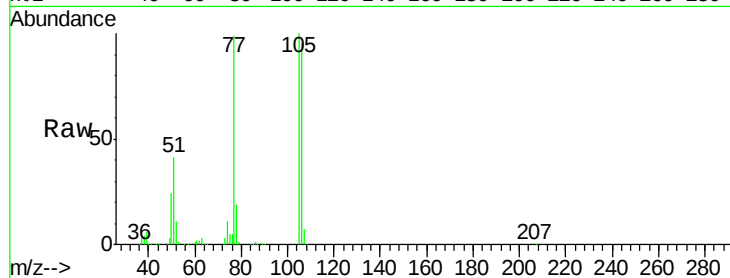
ClientSampleId :

PB126458BS

Tot Ion:	77	Resp:	387078
Ion	Ratio	Lower	Upper
77	100		
105	101.3	84.3	124.3
106	96.4	80.4	120.4

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#10

Phenol

Concen: 36.335 ng

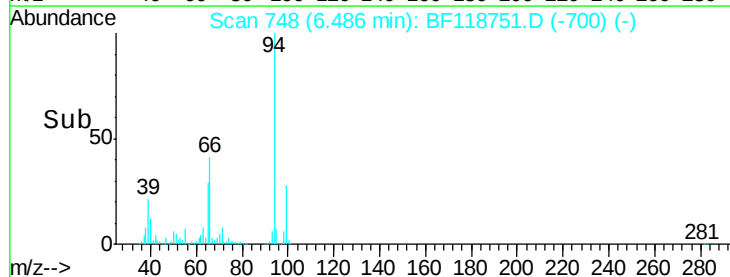
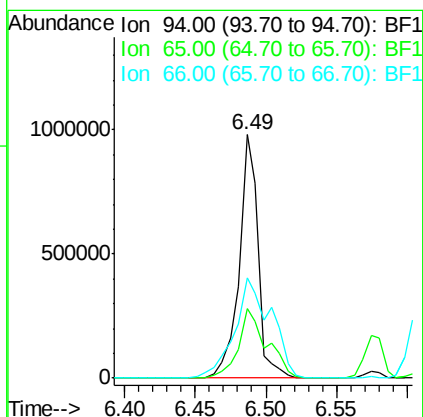
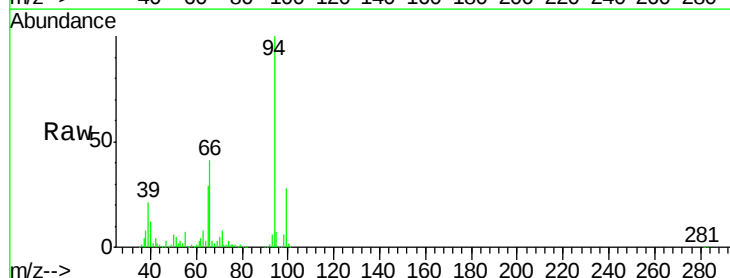
RT: 6.49 min Scan# 748

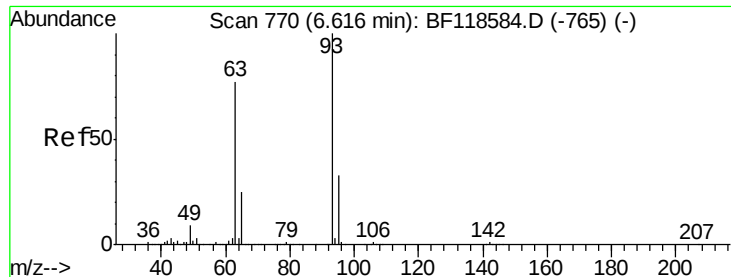
Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion:	94	Resp:	912120
Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	40.9	19.1	59.1





#11

bis(2-Chloroethyl)ether

Concen: 37.563 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

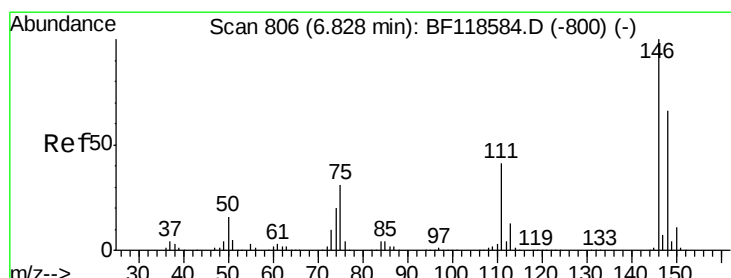
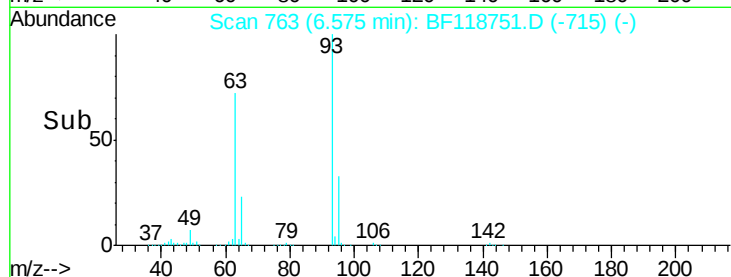
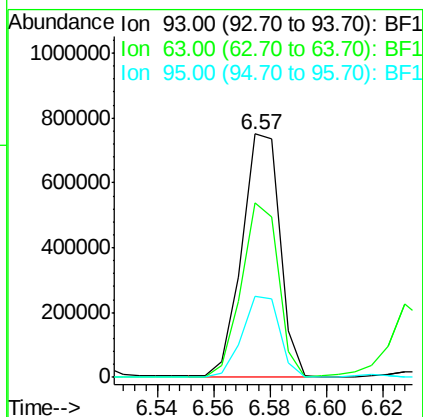
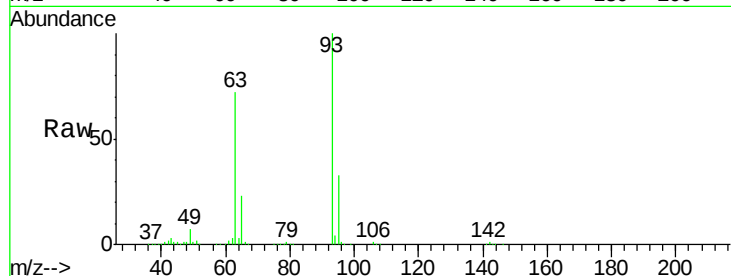
ClientSampleId :

PB126458BS

Tot Ion:	93	Resp:	699594
Ion	Ratio	Lower	Upper
93	100		
63	71.7	52.1	92.1
95	33.0	13.2	53.2

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#12

1,3-Dichlorobenzene

Concen: 37.741 ng

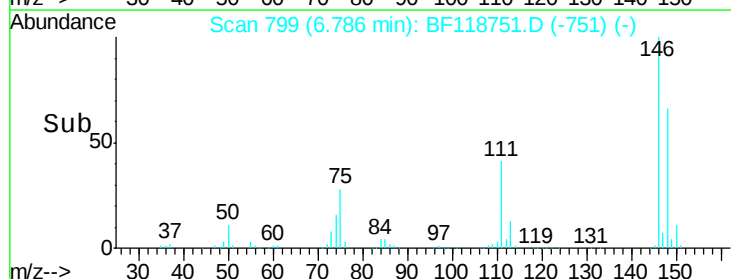
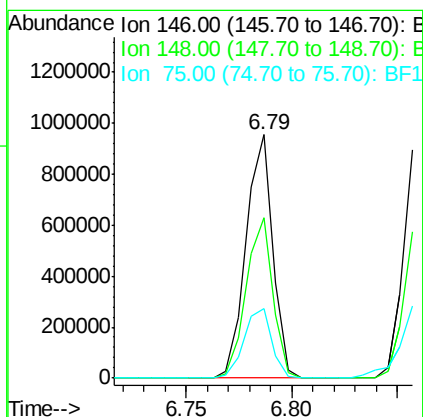
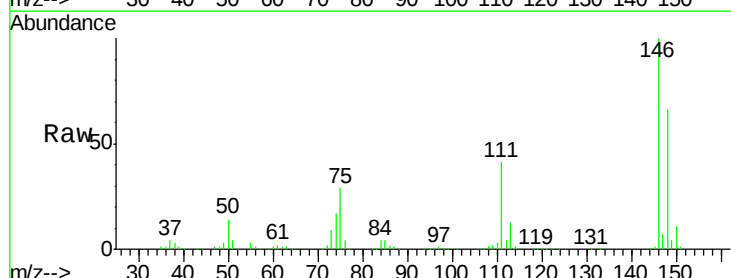
RT: 6.79 min Scan# 799

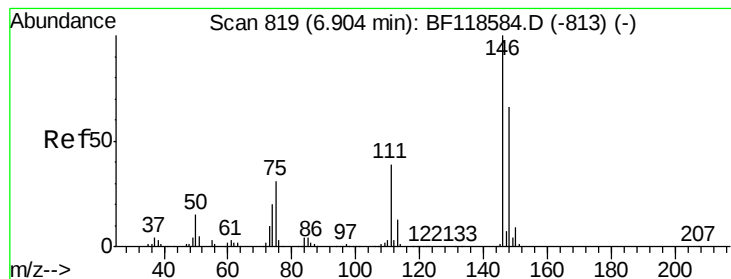
Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion:	146	Resp:	840289
Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.2	78.4
75	28.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 38.451 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

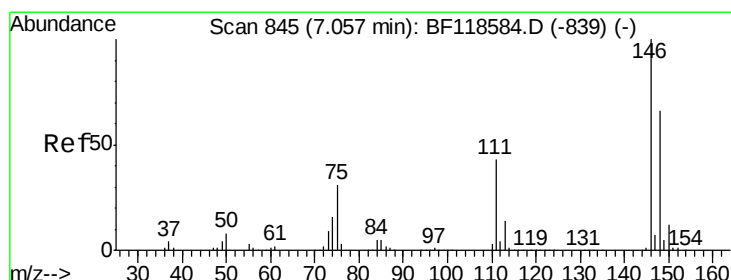
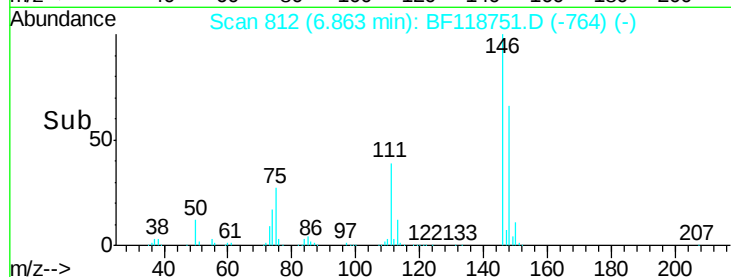
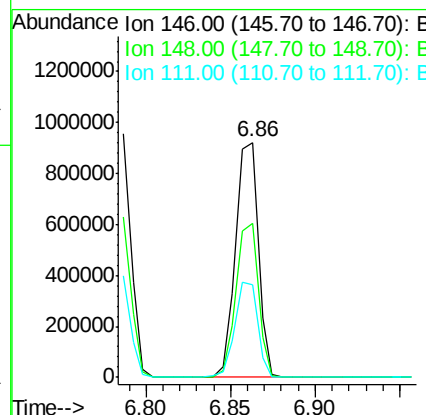
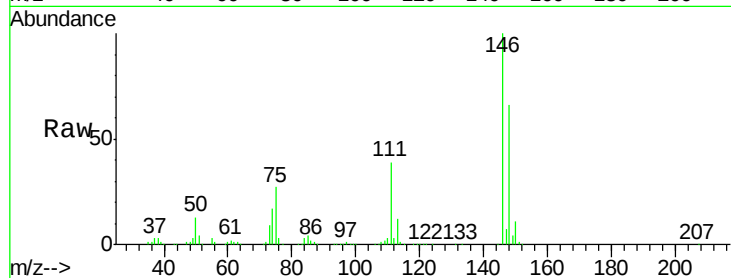
ClientSampleId :

PB126458BS

Tot Ion:	146	Resp:	859383
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.5	77.3
111	39.2	31.8	47.6

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#14

1,2-Dichlorobenzene

Concen: 37.921 ng

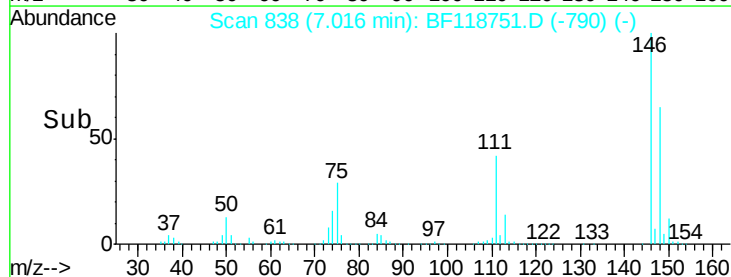
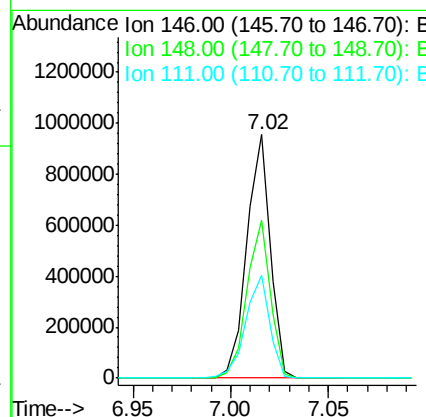
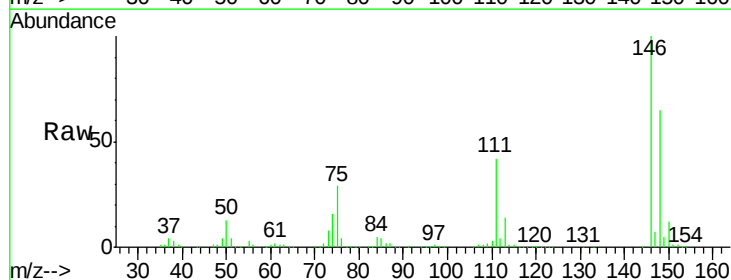
RT: 7.02 min Scan# 838

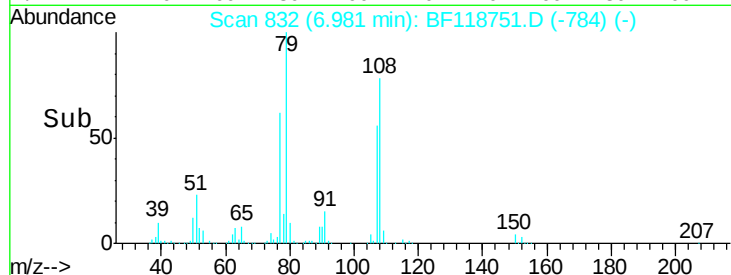
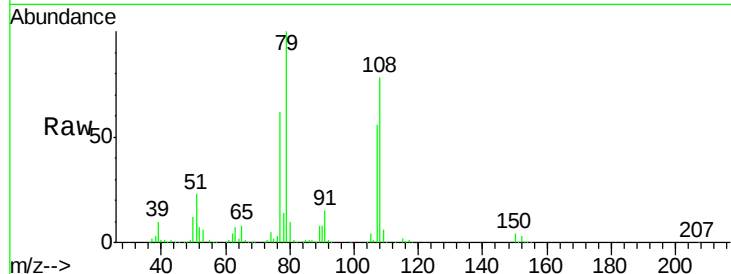
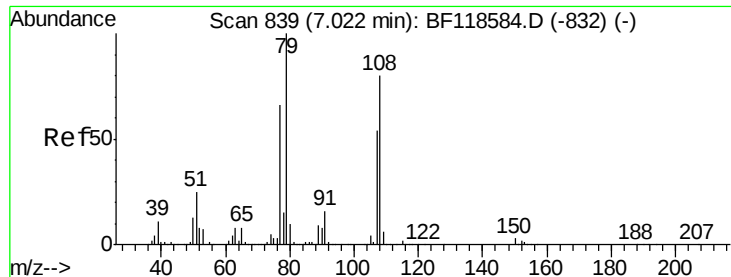
Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion:	146	Resp:	796729
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.7	77.5
111	42.2	35.3	52.9





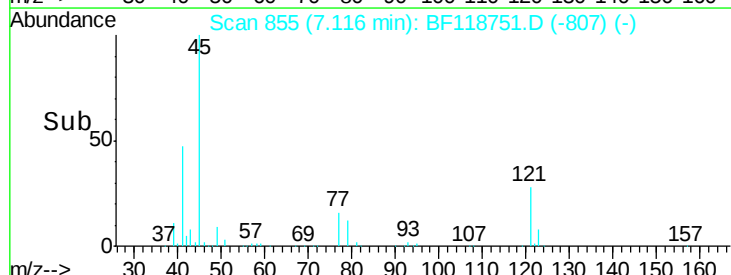
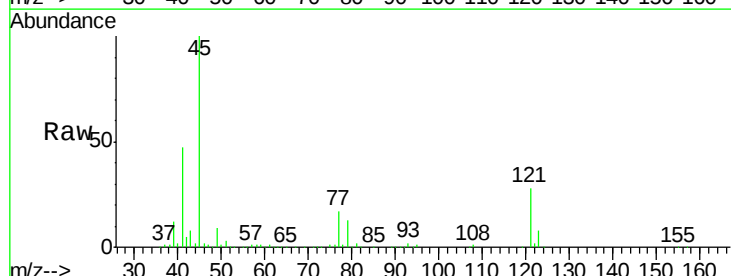
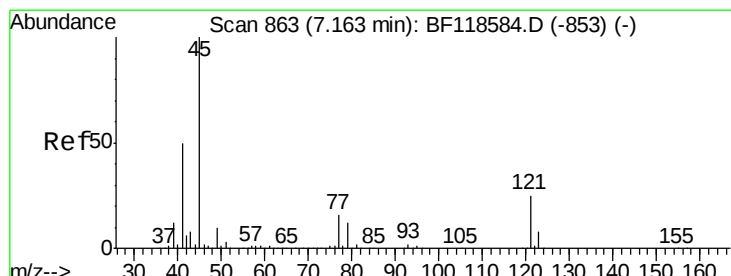
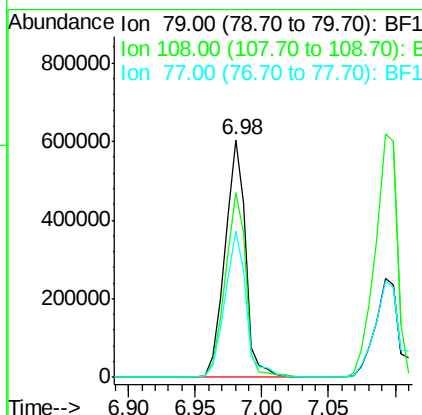
#15
Benzyl Alcohol
Concen: 37.709 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.8	63.4	95.2
77	61.8	49.8	74.6

Instrument :
BNA_F
ClientSampleId :
PB126458BS

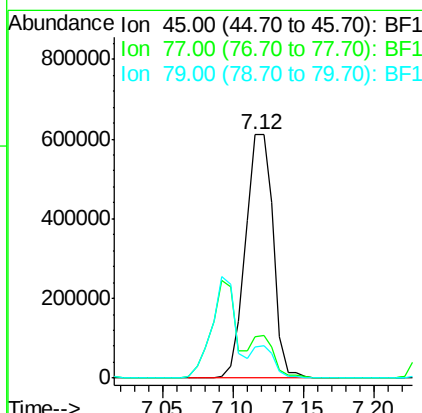
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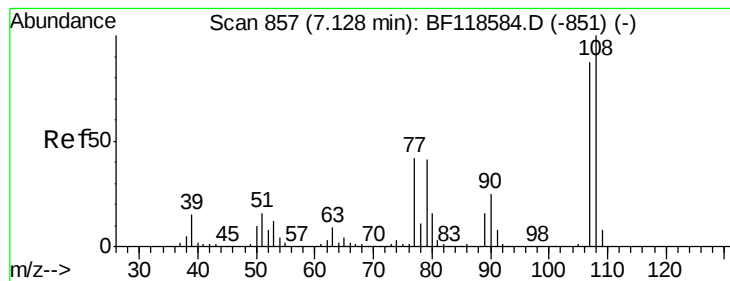
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.251 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	36.9
79	12.6	0.0	32.5





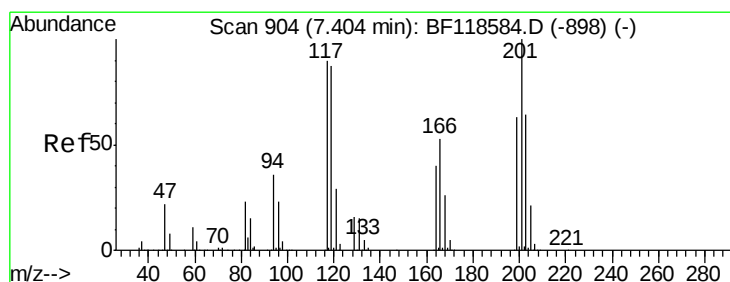
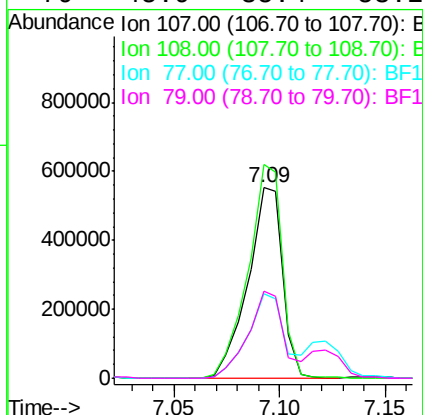
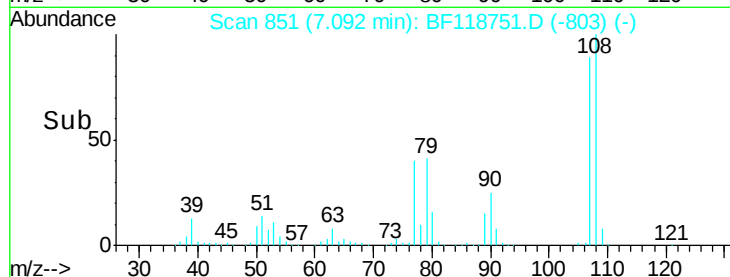
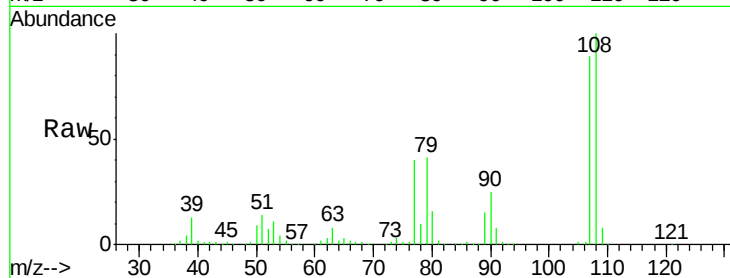
#17
2-Methylphenol
Concen: 39.736 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	88.0	132.0	
77	44.7	35.3	52.9	
79	45.9	35.4	53.2	

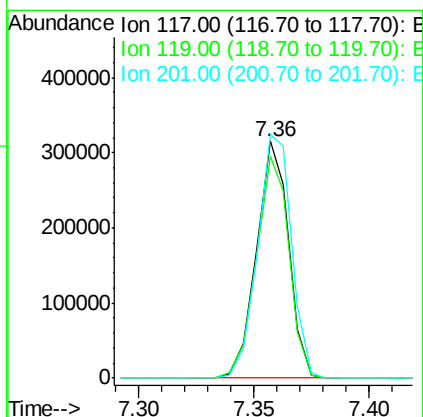
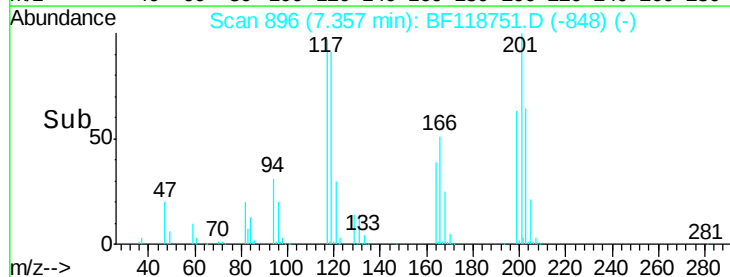
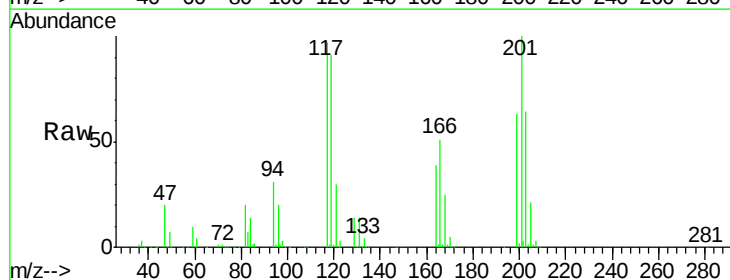
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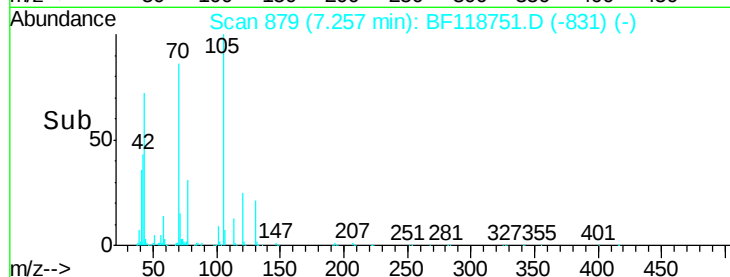
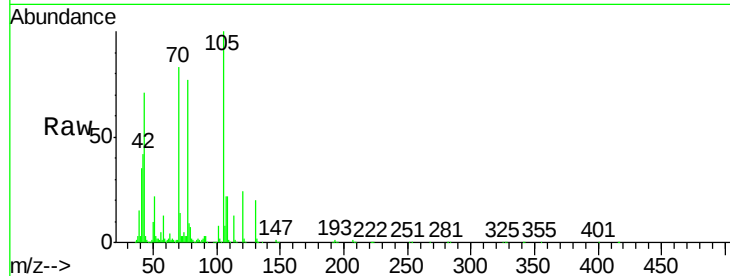
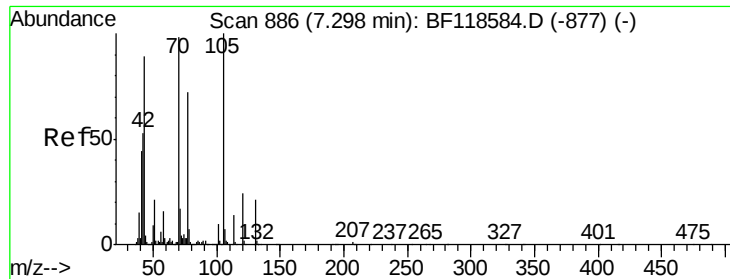
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#18
Hexachloroethane
Concen: 37.538 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	76.2	114.2	
201	102.8	83.3	124.9	





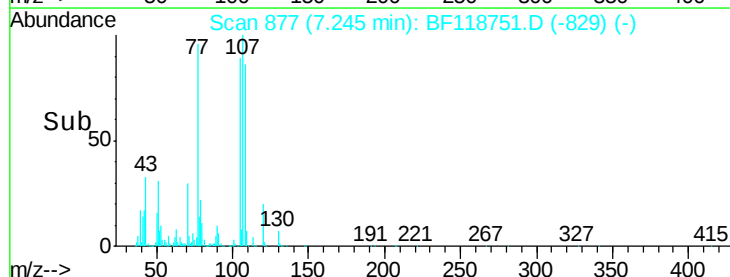
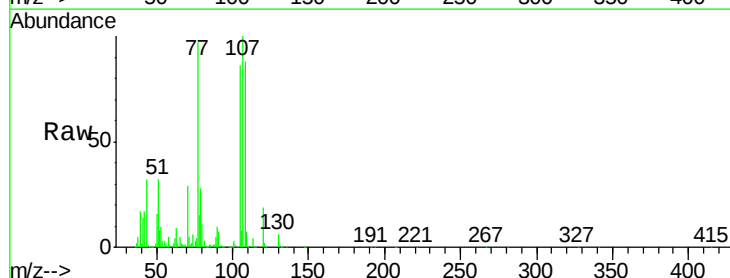
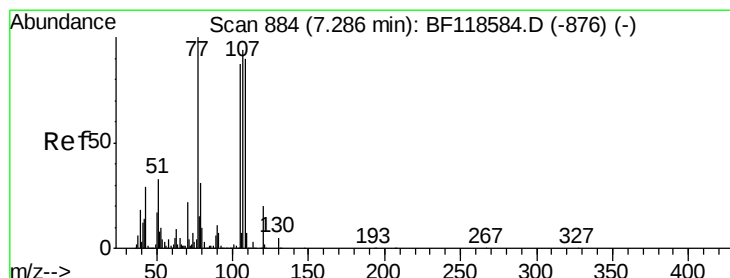
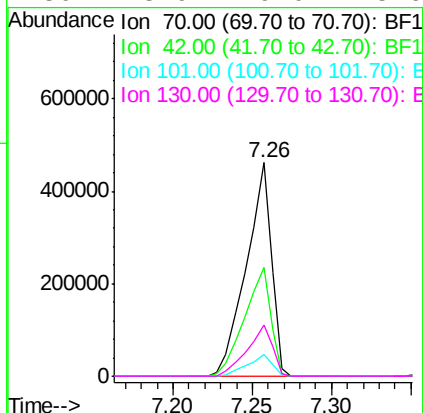
#19
n-Nitroso-di-n-propylamine
Concen: 34.270 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.8	41.6	62.4
101	10.1	7.9	11.9
130	23.9	19.0	28.6

Instrument :
BNA_F
ClientSampleId :
PB126458BS

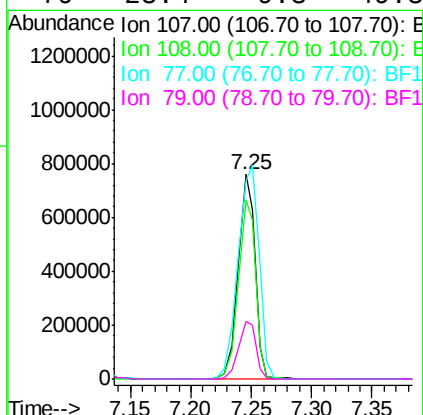
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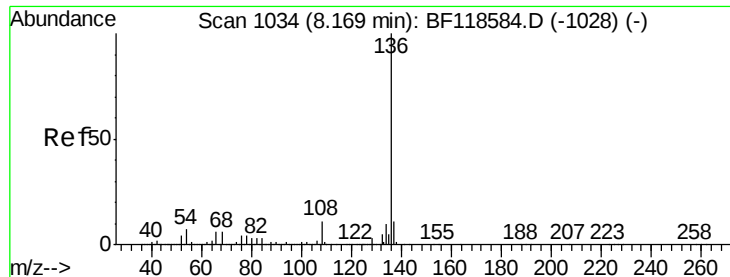
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#20
3+4-Methylphenols
Concen: 38.603 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.5	107.5
77	96.9	73.6	113.6
79	28.4	9.3	49.3





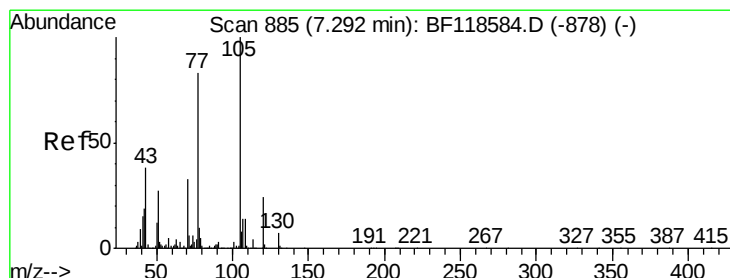
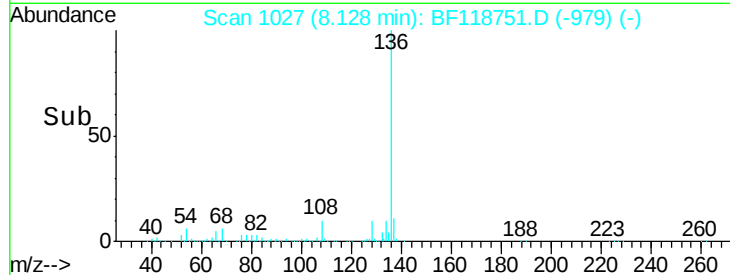
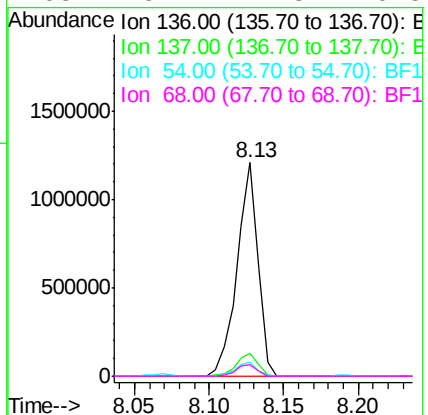
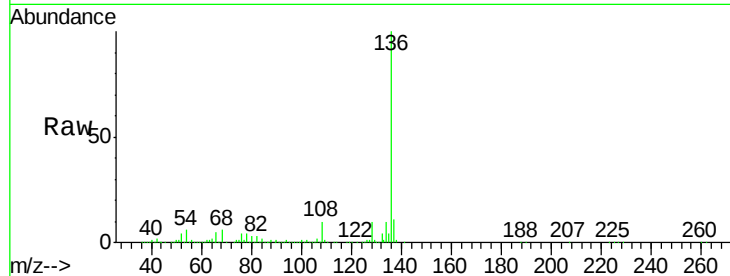
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	8.9	13.3		
54	6.5	5.1	7.7		
68	5.7	4.3	6.5		

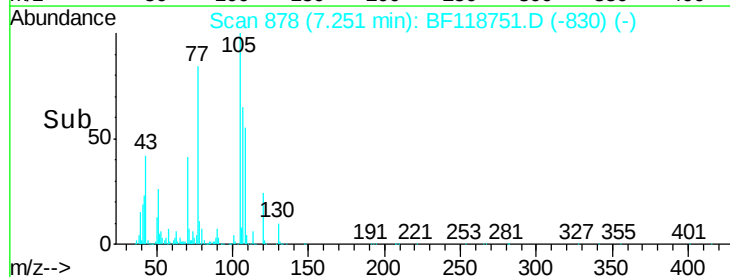
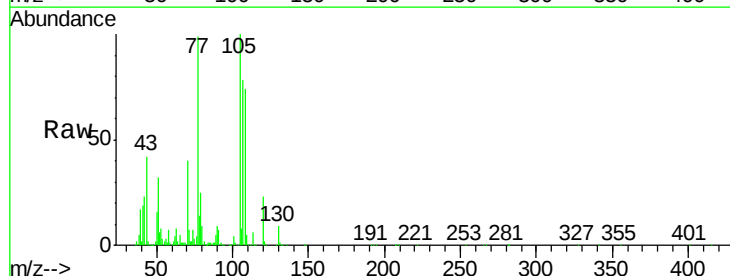
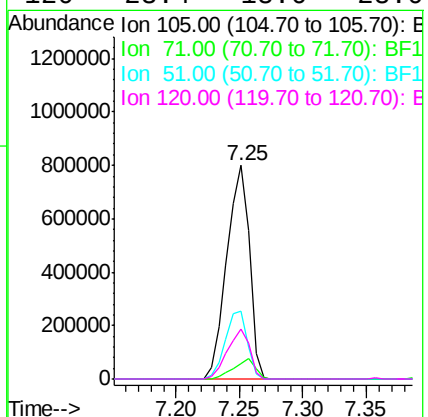
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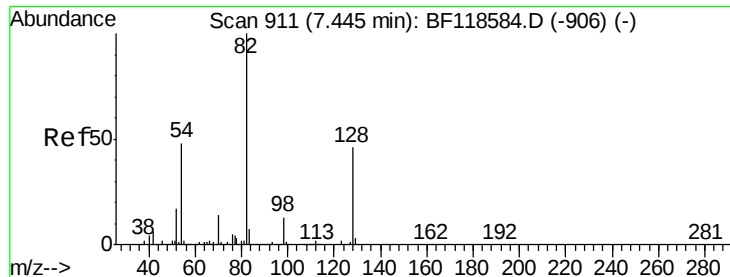
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#22
Acetophenone
Concen: 35.048 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	7.1	4.3	6.5#		
51	31.6	23.5	35.3		
120	23.4	18.6	28.0		





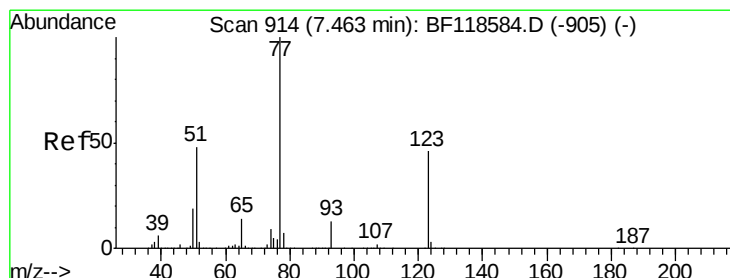
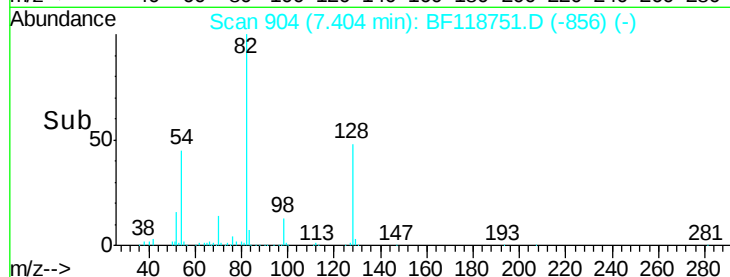
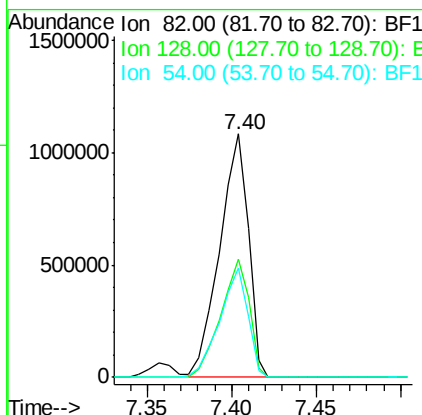
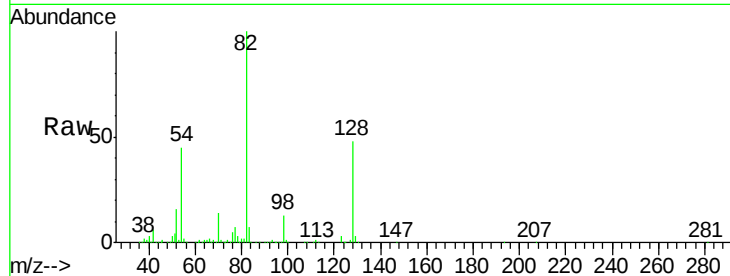
#23
 Nitrobenzene-d5
 Concen: 60.265 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.2	57.2
54	44.7	36.1	54.1

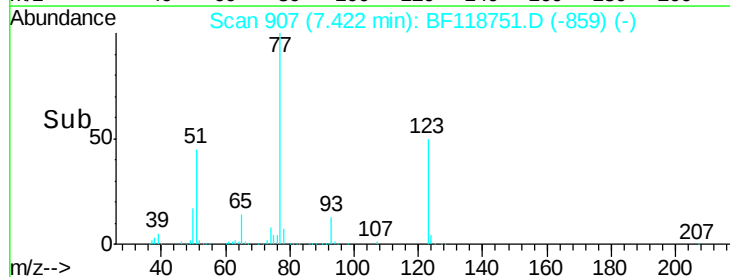
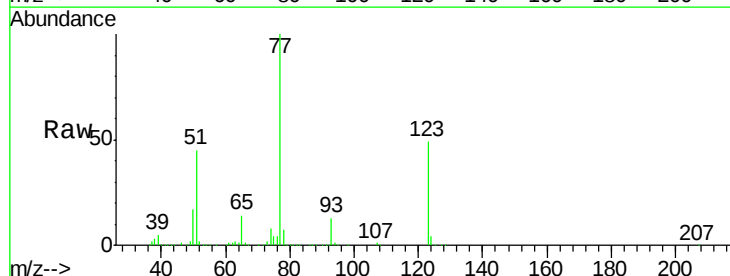
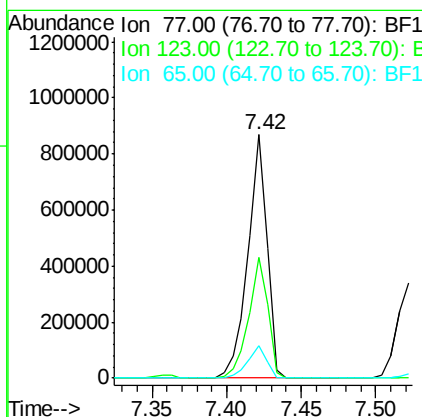
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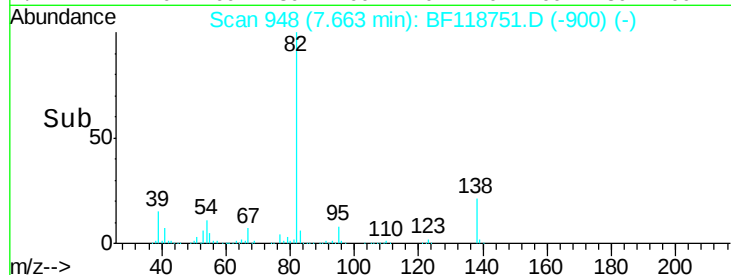
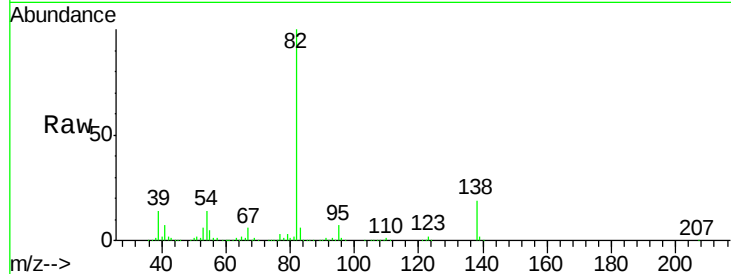
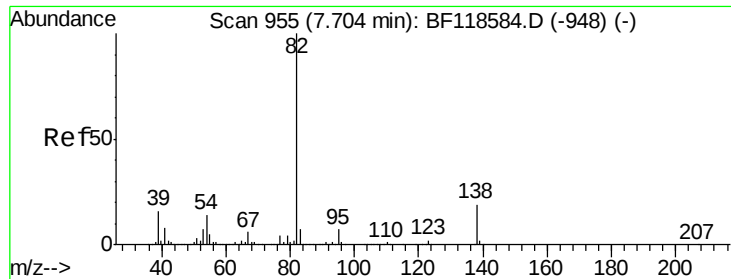
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#24
 Nitrobenzene
 Concen: 35.633 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	39.2	58.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 37.318 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tot Ion:	82	Resp:	1442974
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	19.3	15.8	23.8

Instrument :

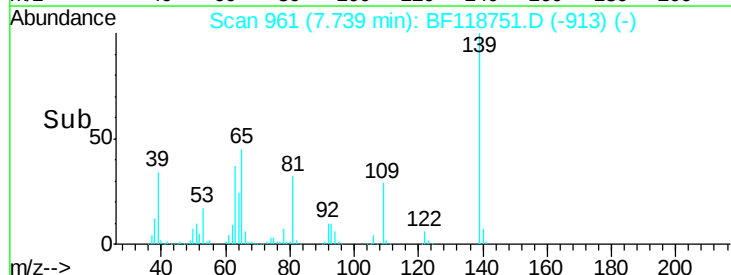
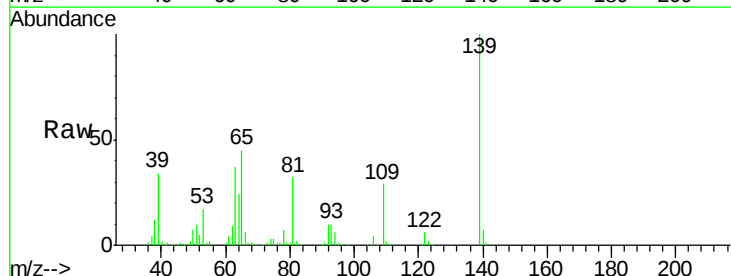
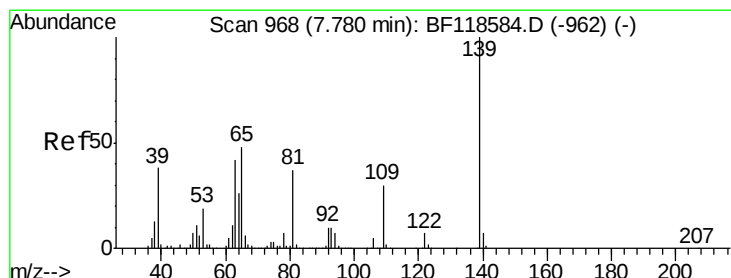
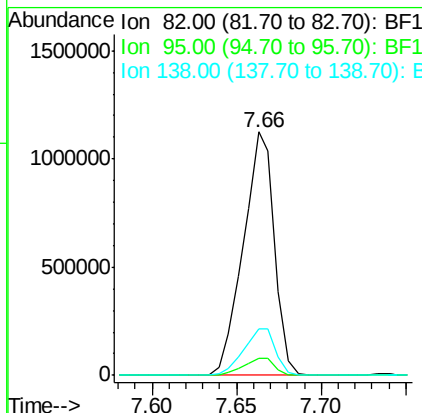
BNA_F

ClientSampleId :

PB126458BS

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#26

2-Nitrophenol

Concen: 45.895 ng

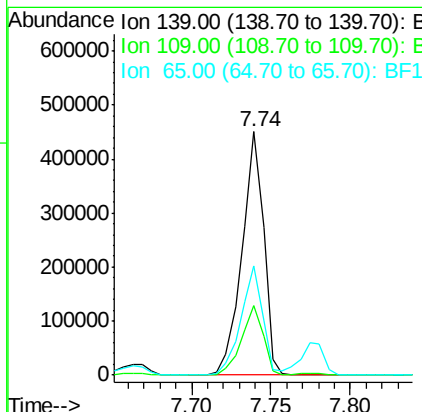
RT: 7.74 min Scan# 961

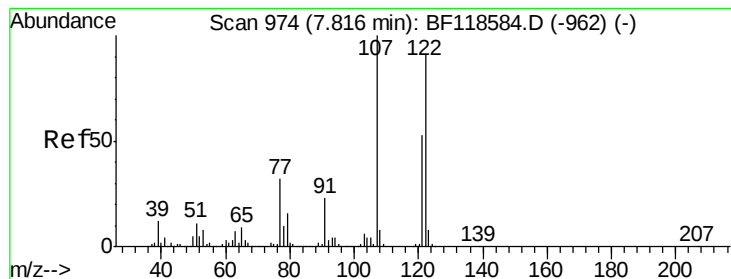
Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion:	139	Resp:	424839
Ion	Ratio	Lower	Upper
139	100		
109	28.7	23.1	34.7
65	44.9	35.2	52.8





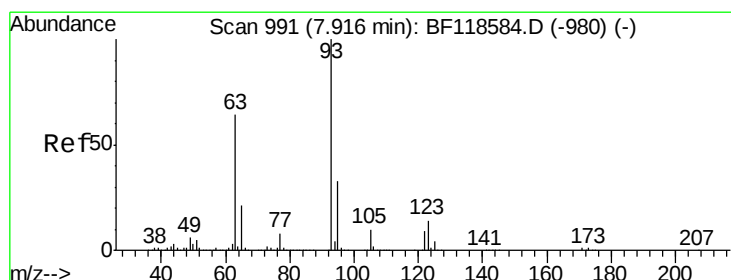
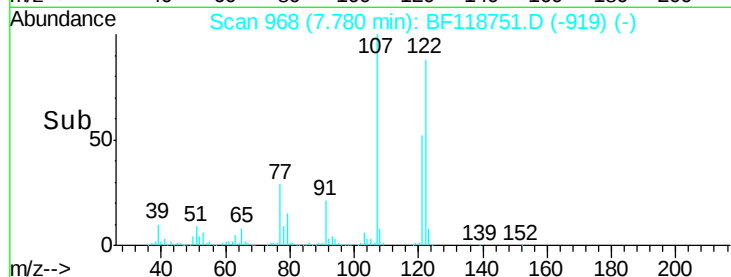
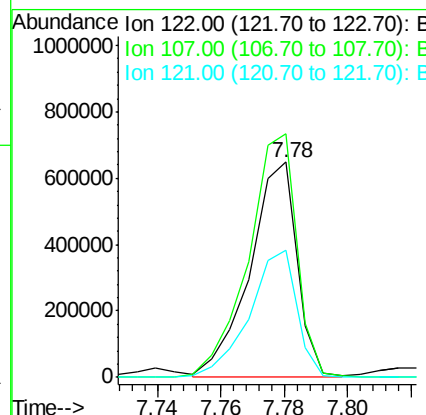
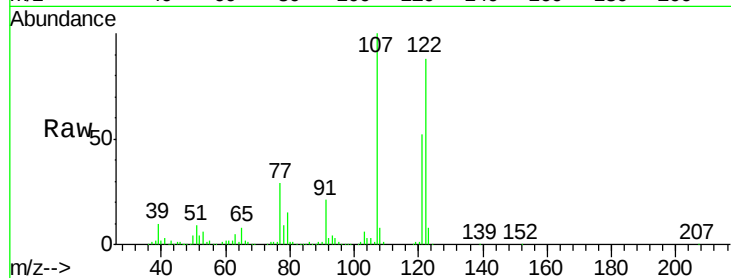
#27
 2,4-Dimethylphenol
 Concen: 42.317 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.1	91.8	137.8
121	58.9	46.8	70.2

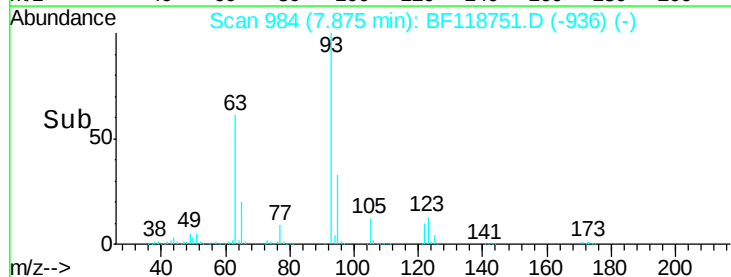
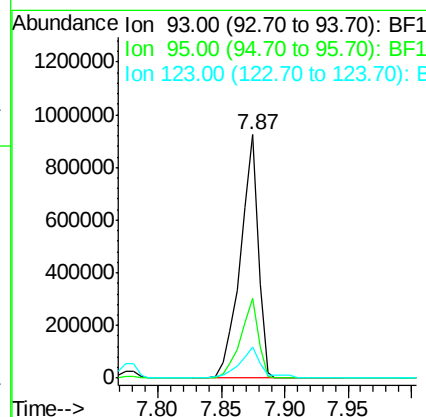
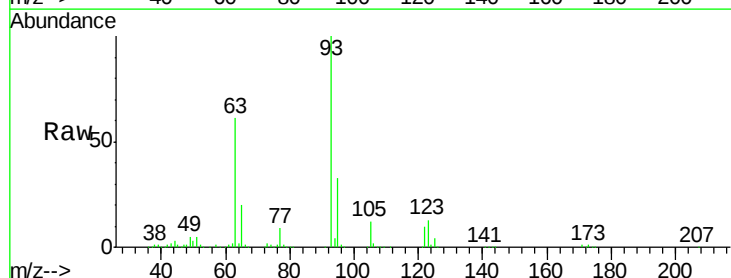
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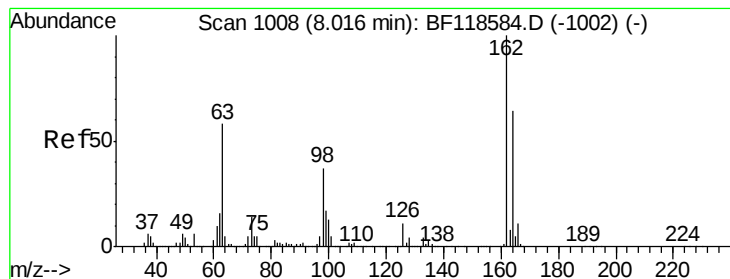
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.899 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.8	40.2
123	12.9	10.7	16.1





#29

2,4-Dichlorophenol

Concen: 39.378 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

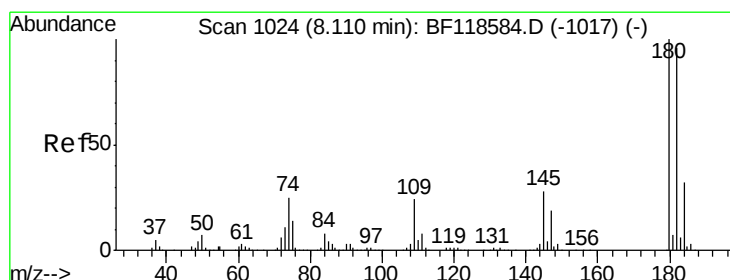
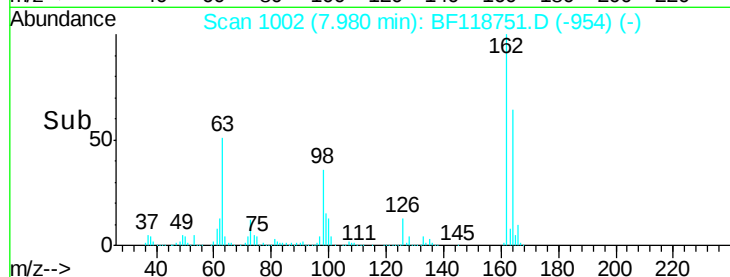
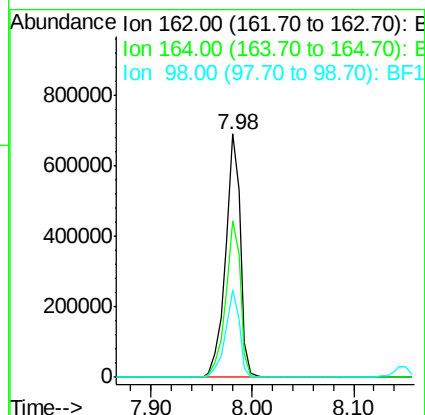
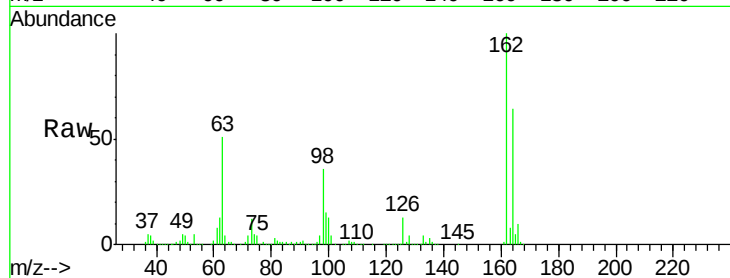
ClientSampleId :

PB126458BS

Tot Ion:	162	Resp:	695830
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.8	83.8
98	36.0	15.0	55.0

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#30

1,2,4-Trichlorobenzene

Concen: 37.058 ng

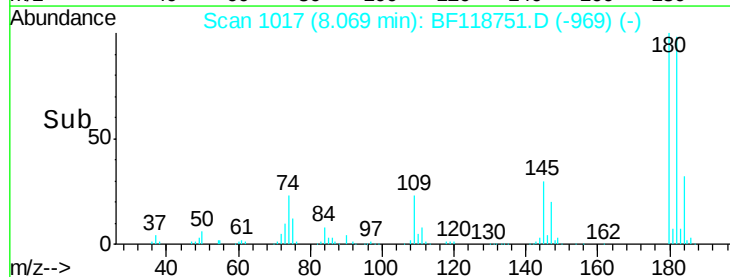
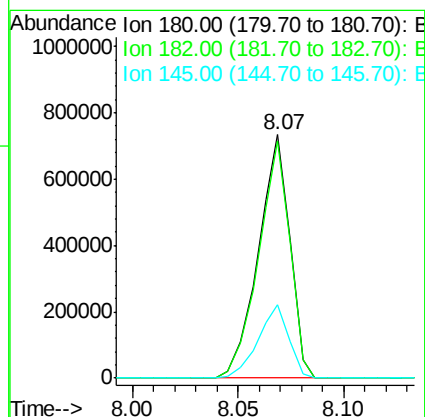
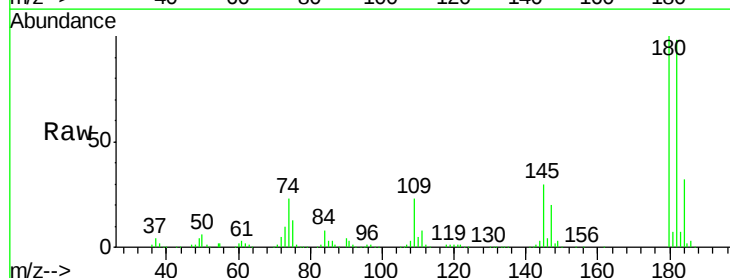
RT: 8.07 min Scan# 1017

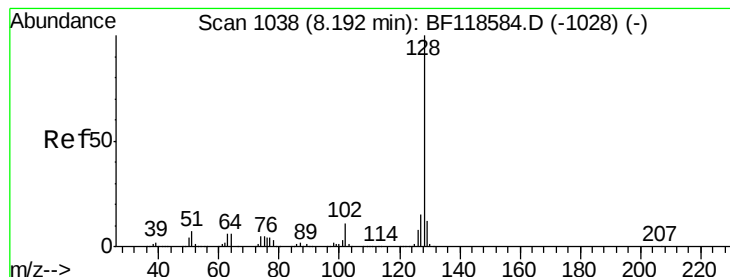
Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion:	180	Resp:	759262
Ion Ratio	Lower	Upper	
180	100		
182	97.5	77.0	115.4
145	30.3	23.5	35.3





#31

Naphthalene

Concen: 40.551 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB126458BS

Tot Ion:128 Resp: 2172169

Ion Ratio Lower Upper

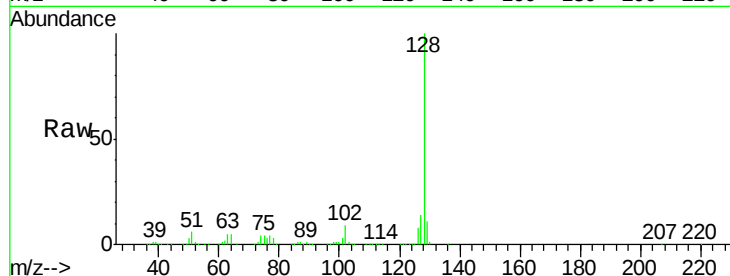
128 100

129 11.3 9.4 14.0

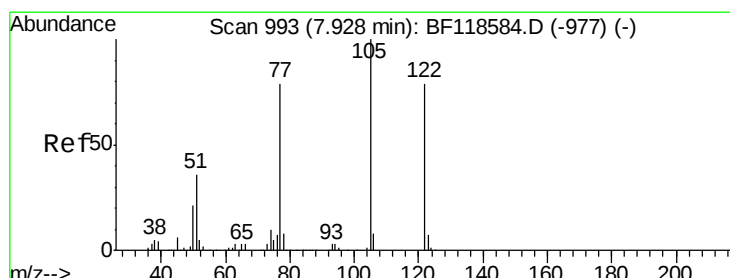
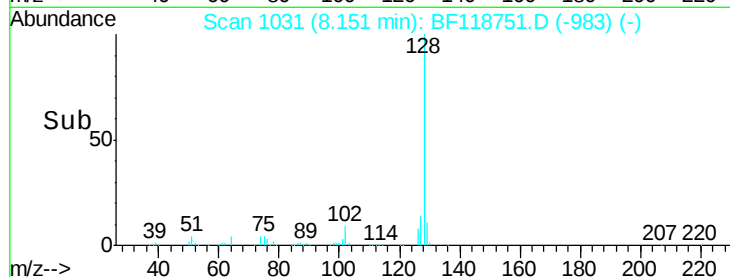
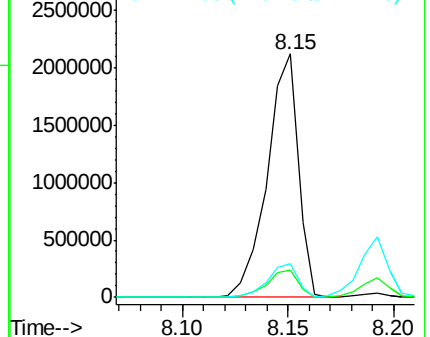
127 13.9 11.3 16.9

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.502 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

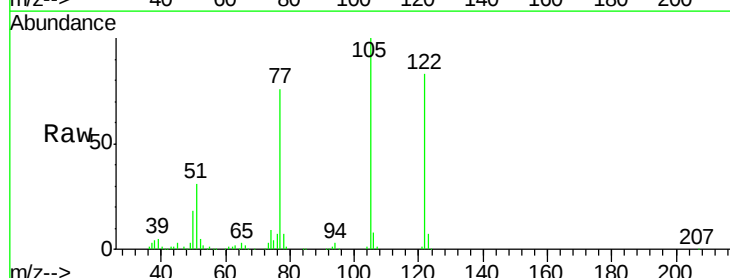
Tgt Ion:122 Resp: 473891

Ion Ratio Lower Upper

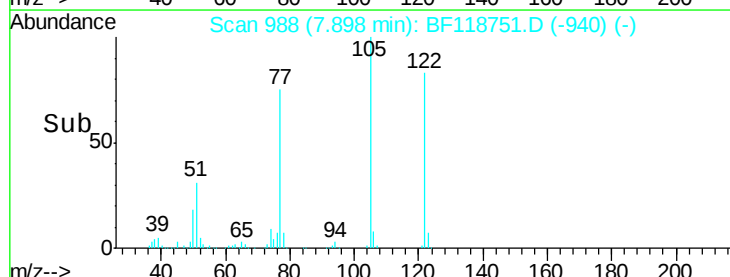
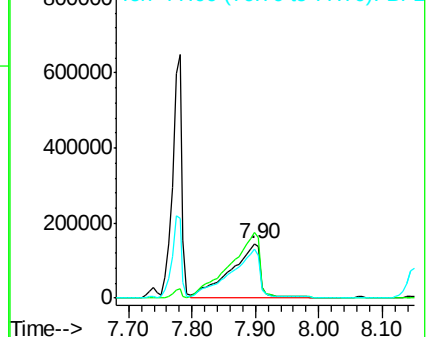
122 100

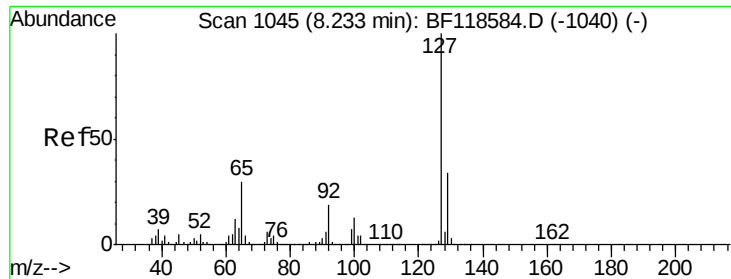
105 120.9 100.9 140.9

77 91.4 65.1 105.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





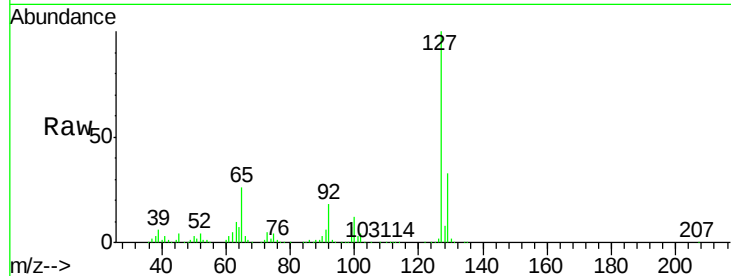
#33
4-Chloroaniline
Concen: 20.402 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

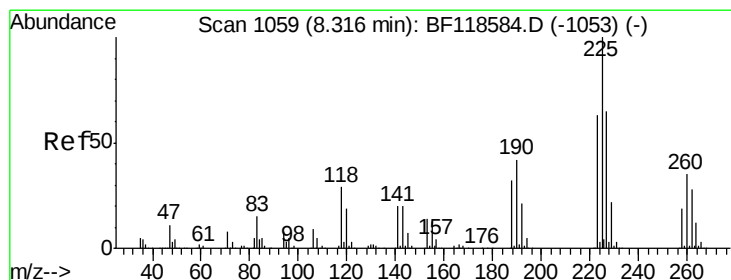
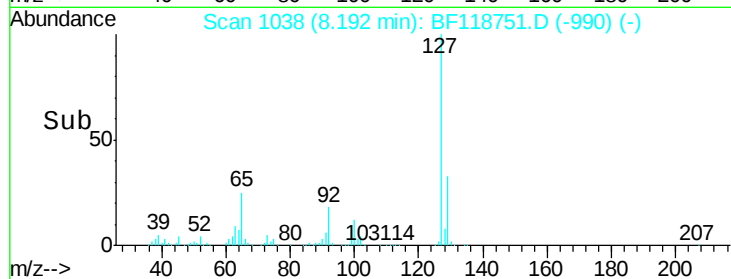
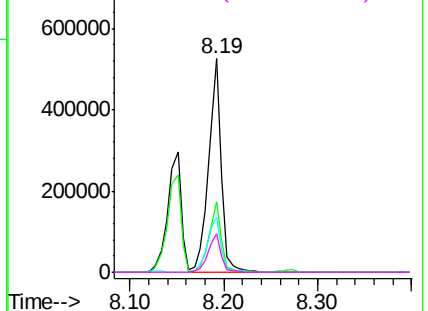
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		505127		
129	33.1	26.4	39.6		
65	25.6	22.6	33.8		
92	17.8	15.3	22.9		

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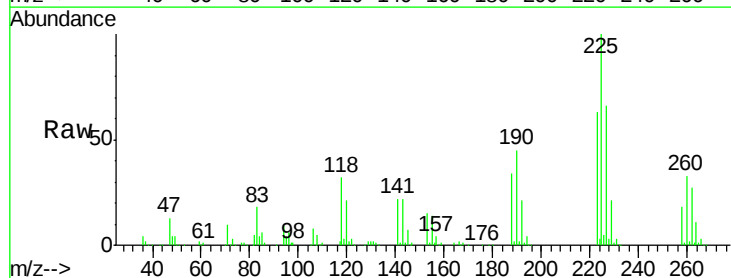


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

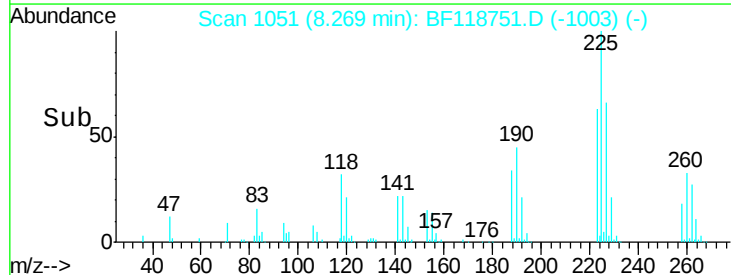
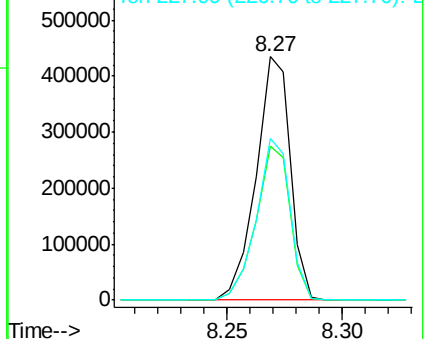


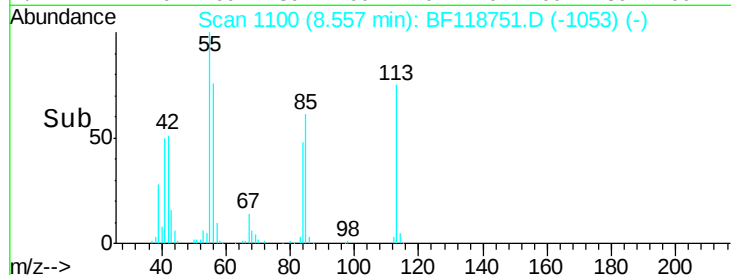
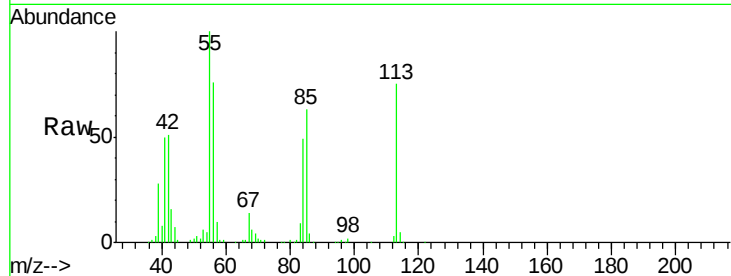
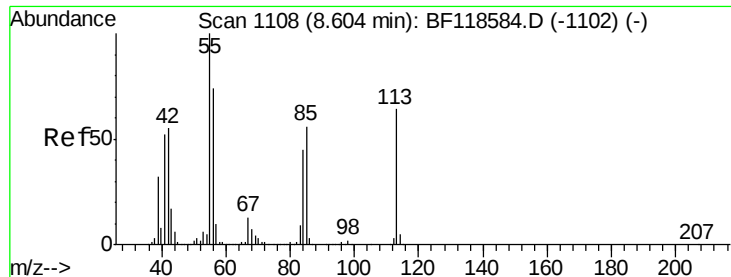
#34
Hexachlorobutadiene
Concen: 36.000 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		449180		
223	63.4	50.3	75.5		
227	66.4	50.5	75.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.651 ng/mL

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	132.7		119.0	159.0	
56	101.1		85.4	125.4	

Instrument :

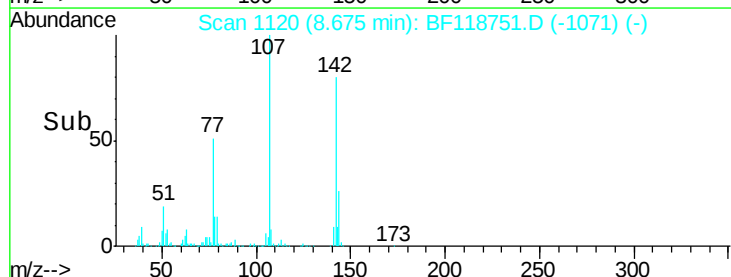
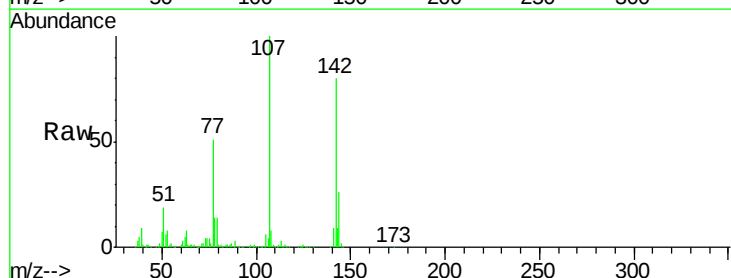
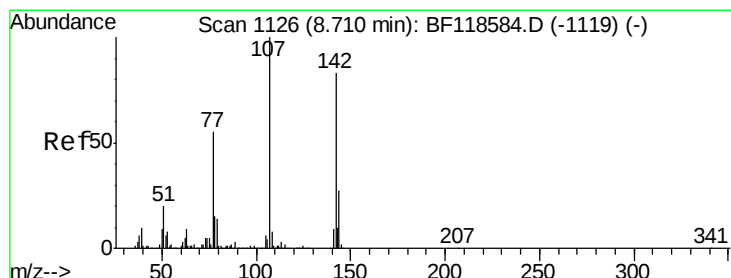
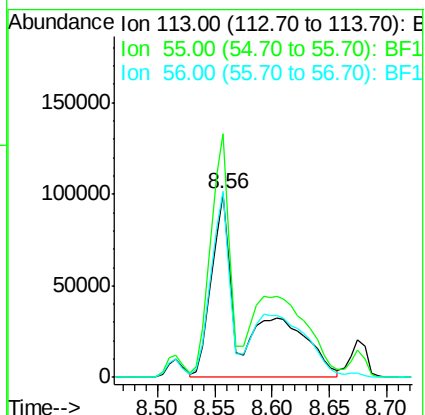
BNA_F

ClientSampleId :

PB126458BS

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#36

4-Chloro-3-methylphenol

Concen: 40.159 ng/mL

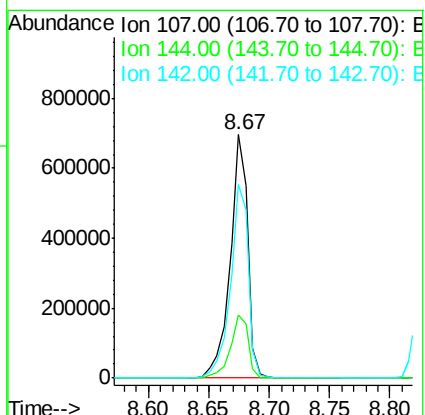
RT: 8.67 min Scan# 1120

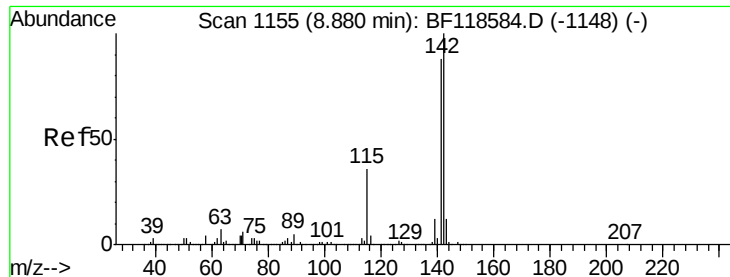
Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.2		20.9	31.3	
142	79.8		64.5	96.7	





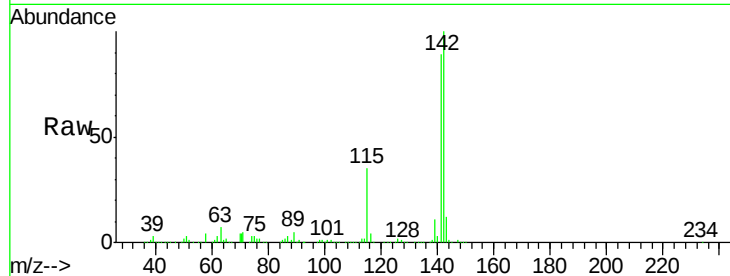
#37
2-Methylnaphthalene
Concen: 40.952 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.0
115	35.1	27.5	41.3

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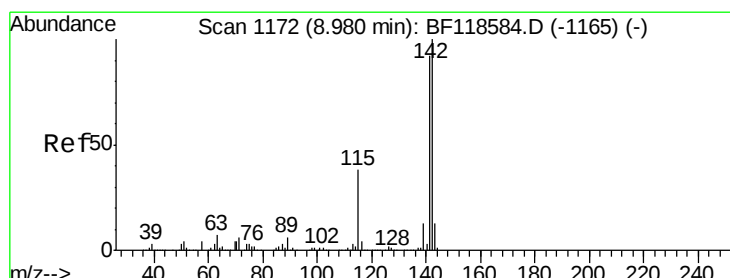
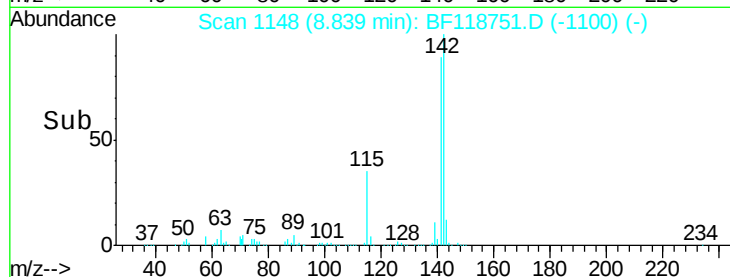
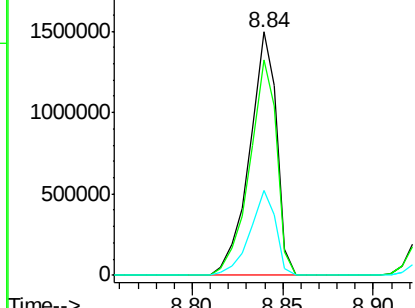


Abundance

Ion 142.00 (141.70 to 142.70): E

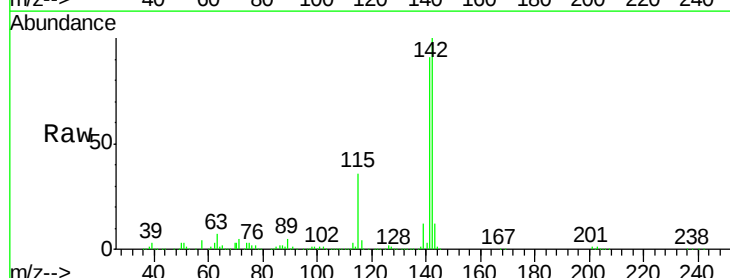
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.559 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.5	110.3
116	3.8	3.0	4.6

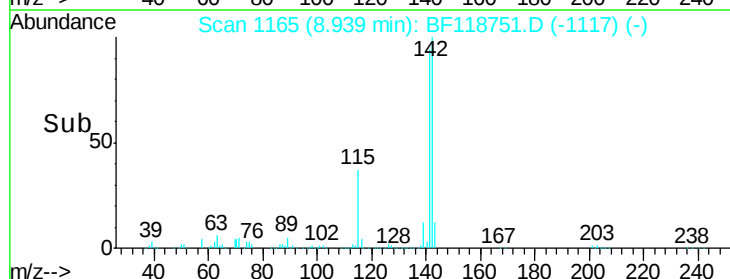
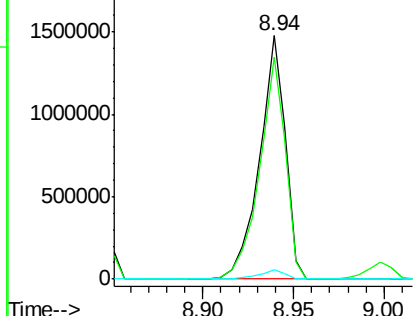


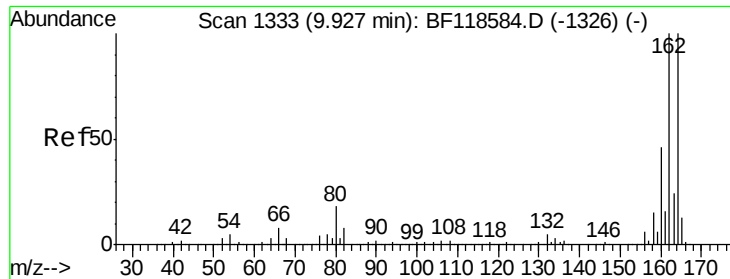
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





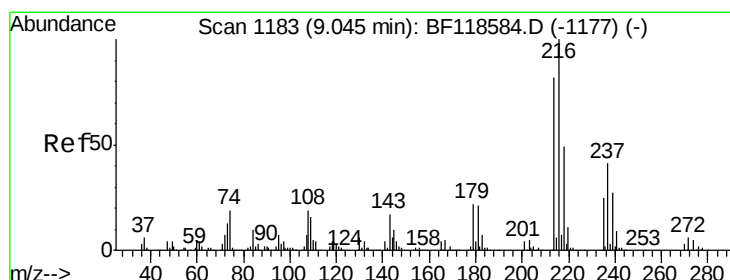
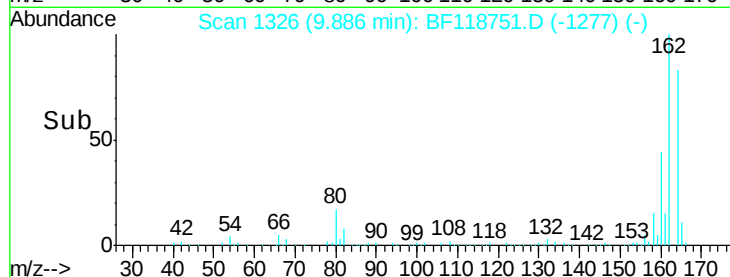
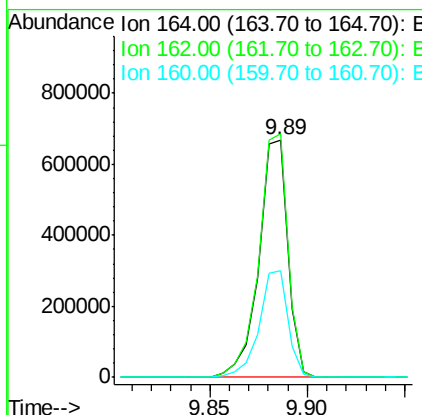
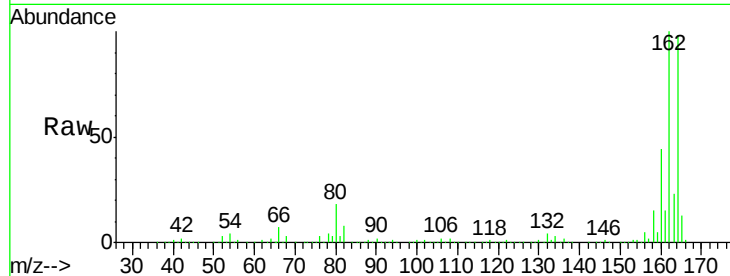
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.8	121.2
160	44.6	35.4	53.0

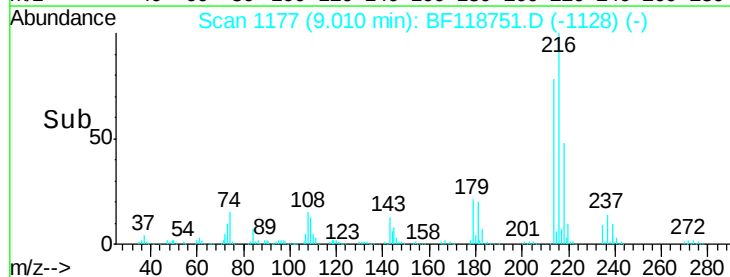
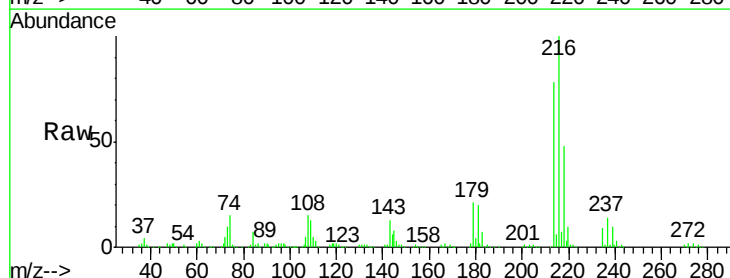
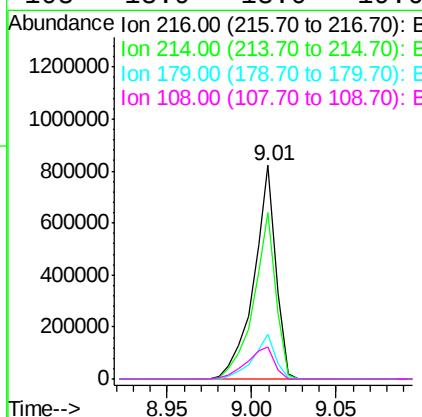
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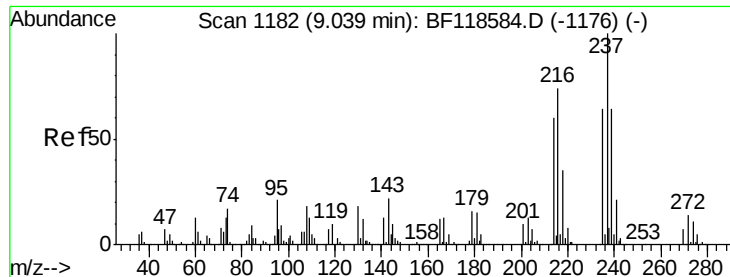
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.597 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.2
179	21.0	17.0	25.4
108	18.9	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 81.171 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

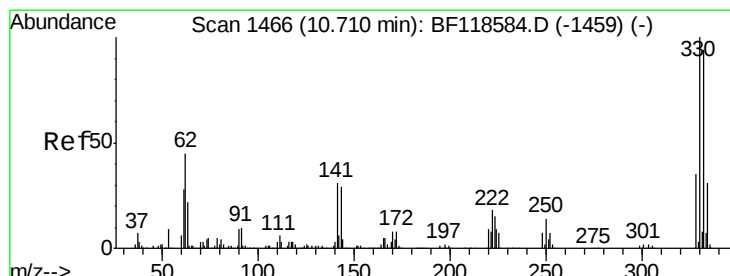
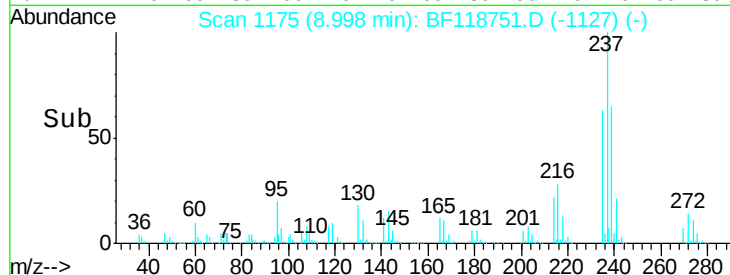
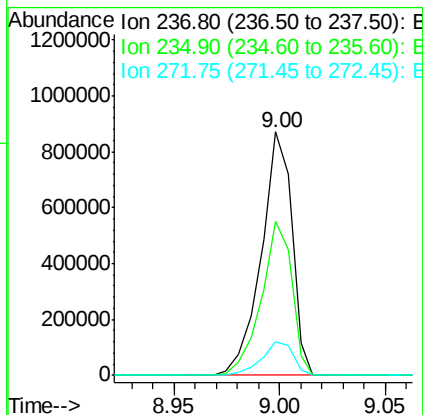
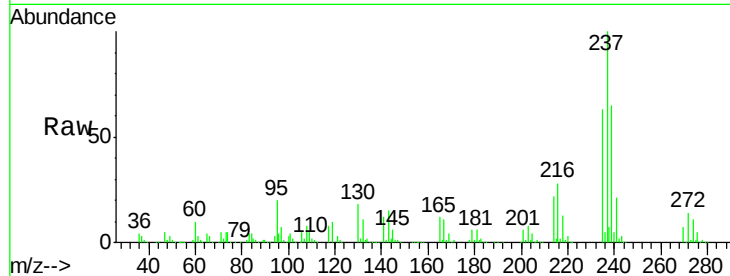
ClientSampleId :

PB126458BS

Tot Ion:	237	Resp:	883468
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.7	82.7
272	13.8	0.0	34.4

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#42

2,4,6-Tribromophenol

Concen: 108.903 ng

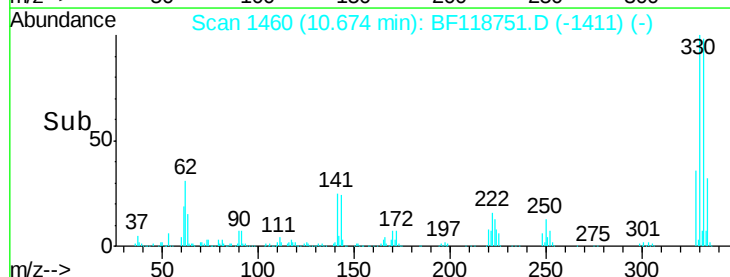
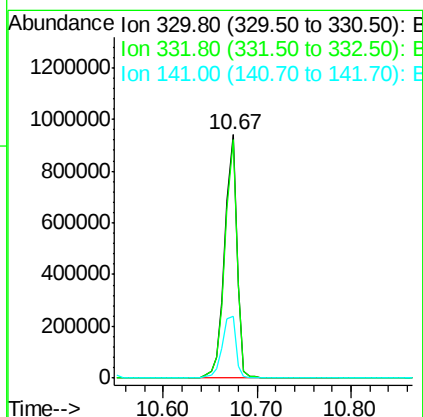
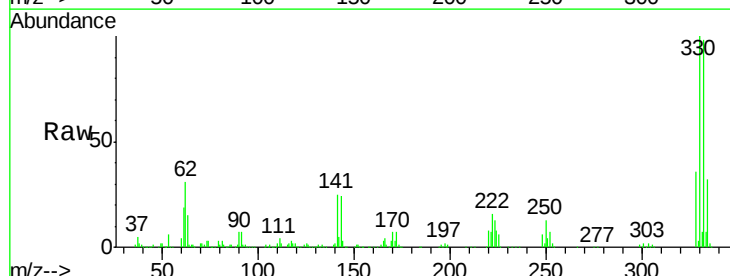
RT: 10.67 min Scan# 1460

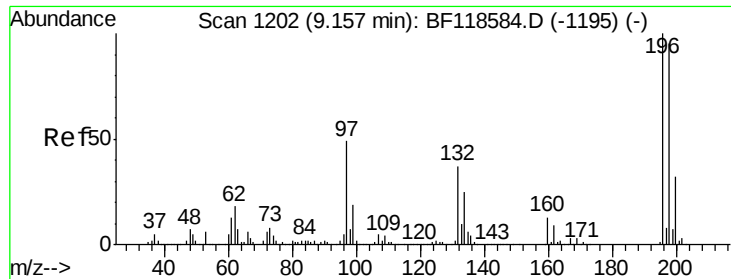
Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion:	330	Resp:	868440
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.6	116.4
141	28.1	22.2	33.2





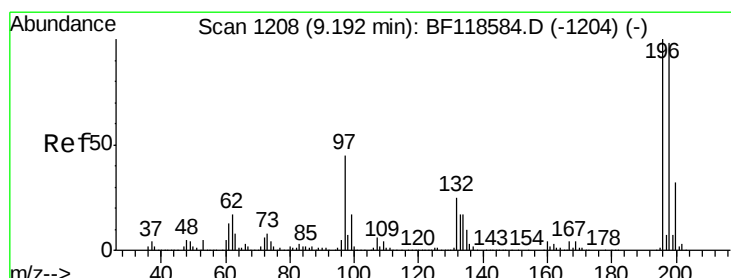
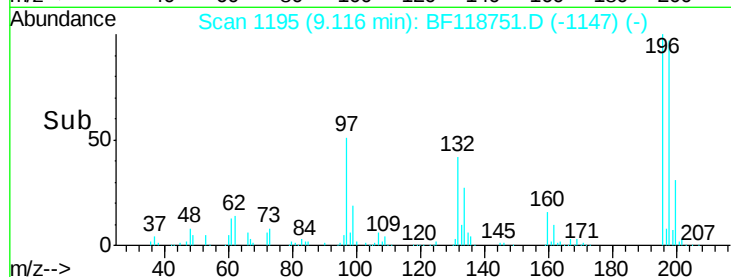
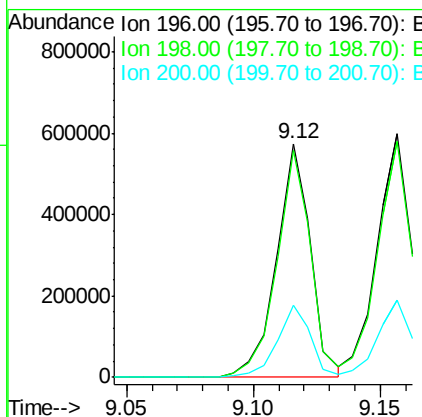
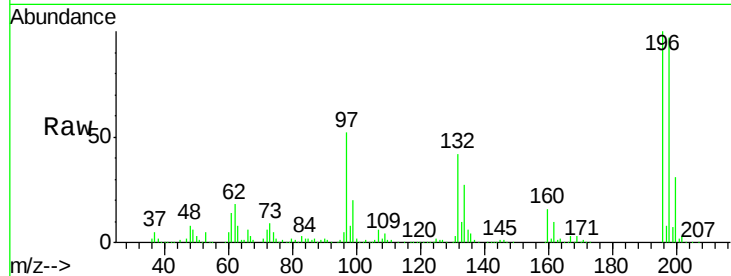
#43
 2,4,6-Trichlorophenol
 Concen: 37.690 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleID :
 PB126458BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	539537		
198	97.2	76.4	114.6	
200	30.8	25.4	38.2	

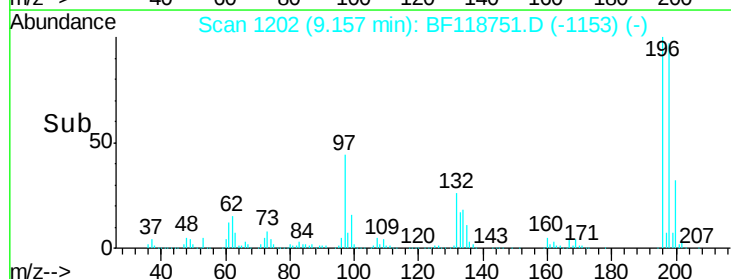
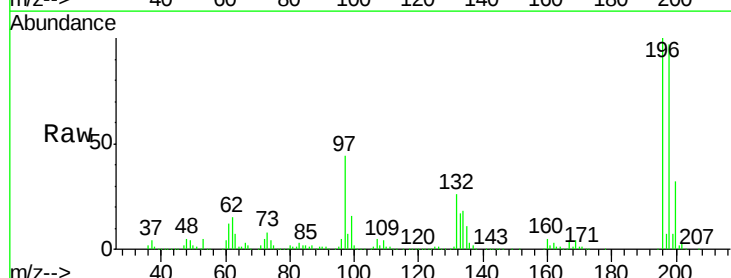
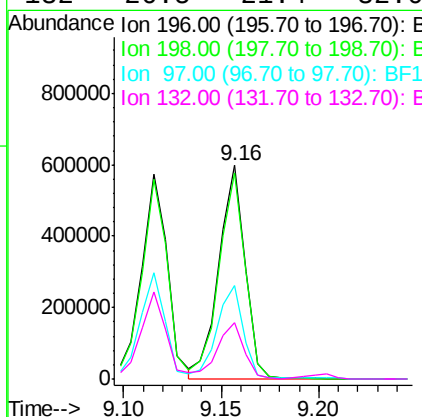
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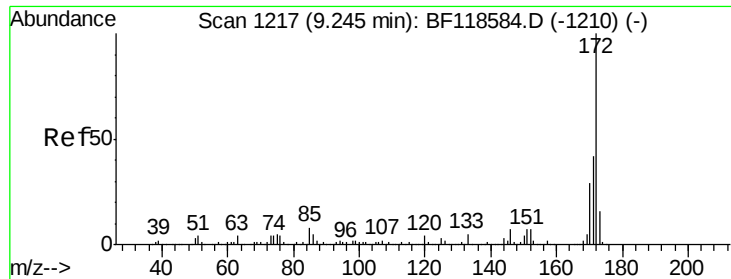
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.197 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	558440		
198	96.7	76.2	114.4	
97	43.6	35.7	53.5	
132	26.5	21.4	32.0	





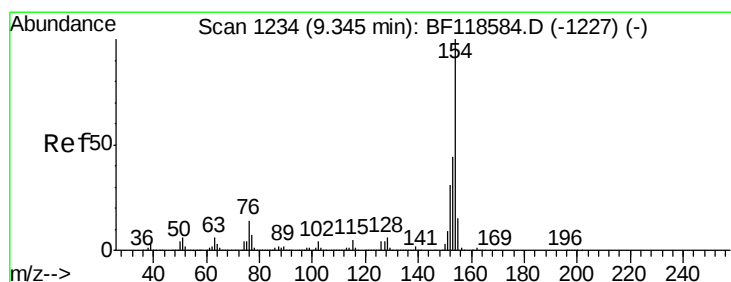
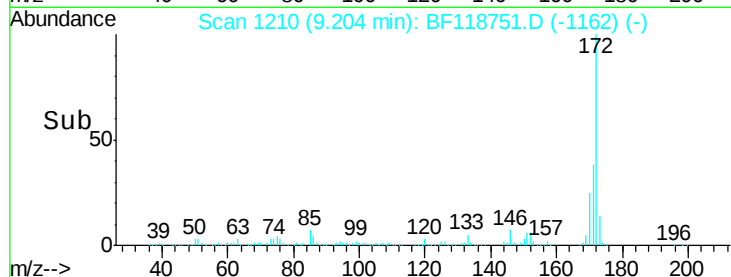
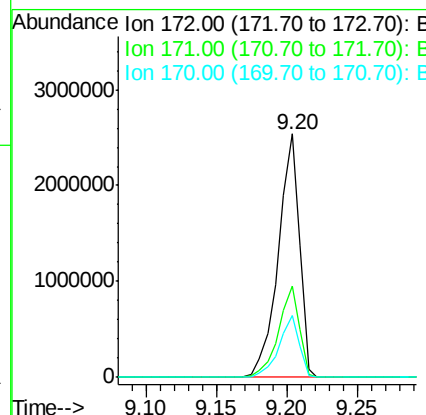
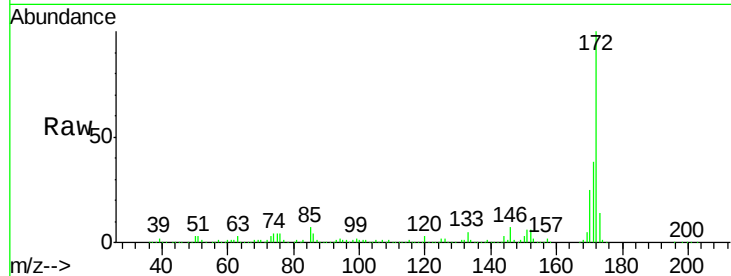
#45
2-Fluorobiphenyl
Concen: 63.629 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.7	31.0	46.4	
170	25.3	20.7	31.1	

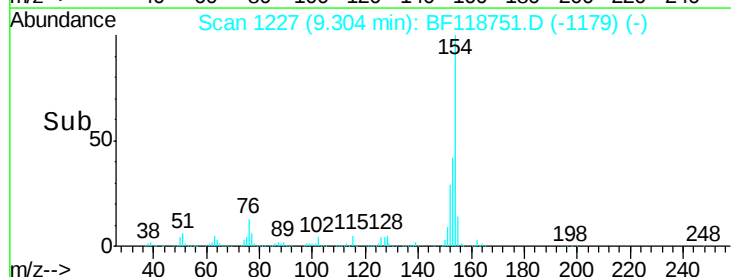
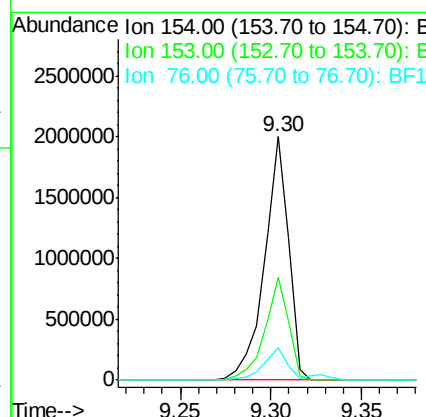
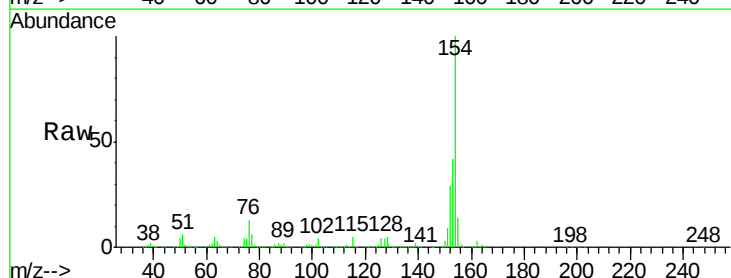
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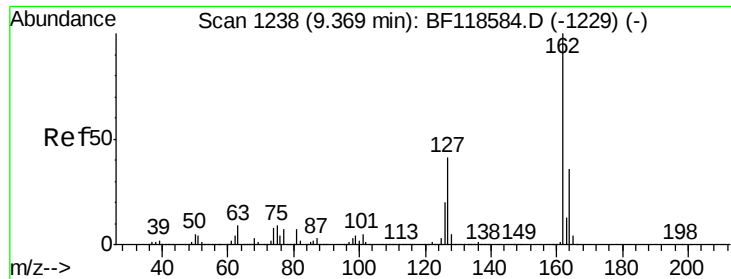
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#46
1,1'-Biphenyl
Concen: 38.797 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.2	22.3	62.3	
76	13.1	0.0	32.0	





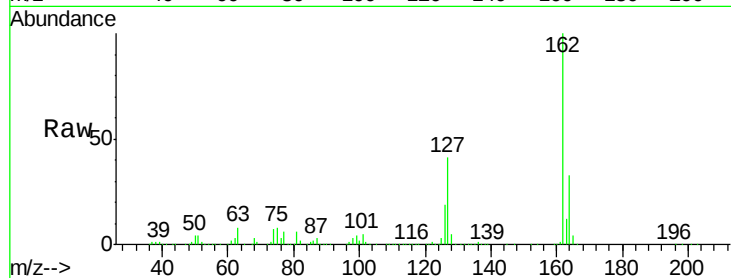
#47
 2-Chloronaphthalene
 Concen: 37.180 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BS

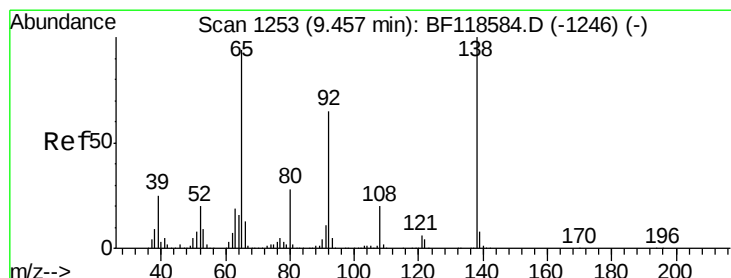
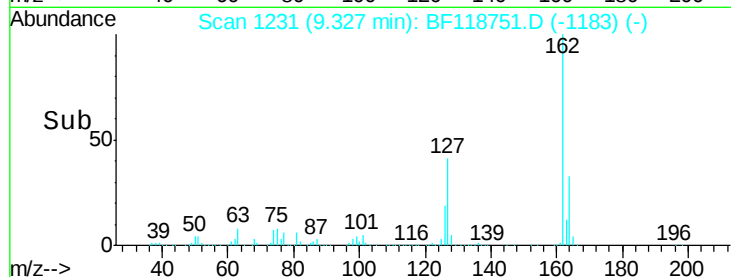
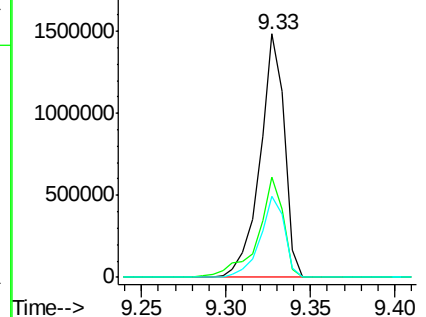
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.9	49.3
164	33.4	27.5	41.3

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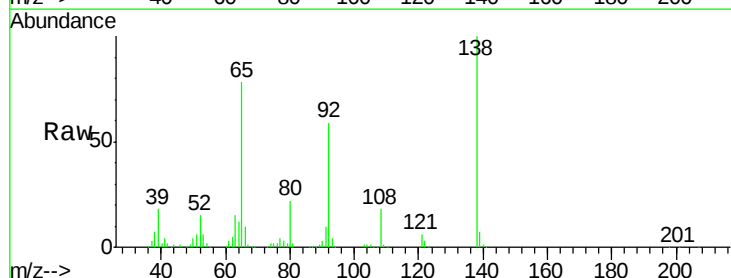


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

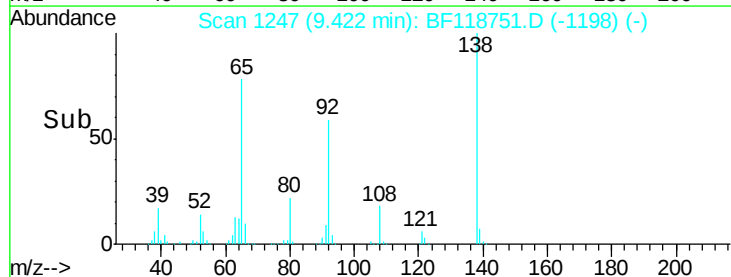
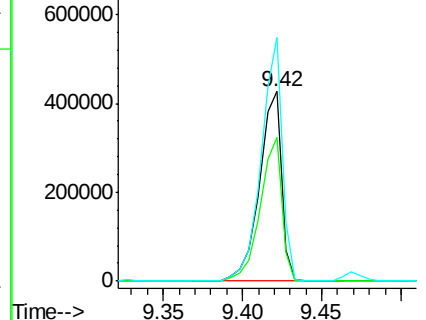


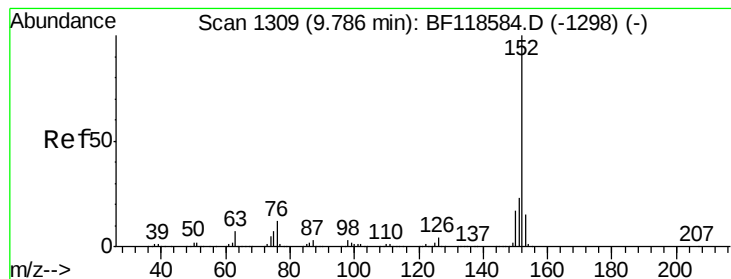
#48
 2-Nitroaniline
 Concen: 33.723 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	57.8	86.6
138	128.5	95.1	142.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.758 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB126458BS

Tot Ion:152 Resp: 2296453

Ion Ratio Lower Upper

152 100

151 21.8 17.1 25.7

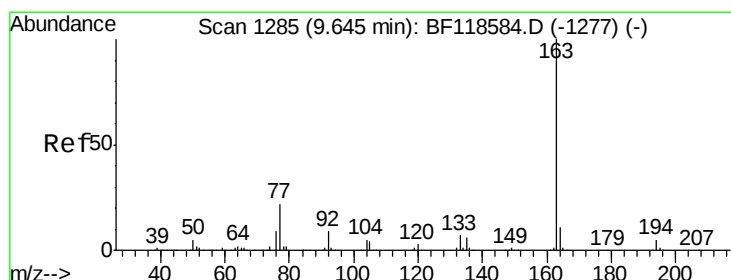
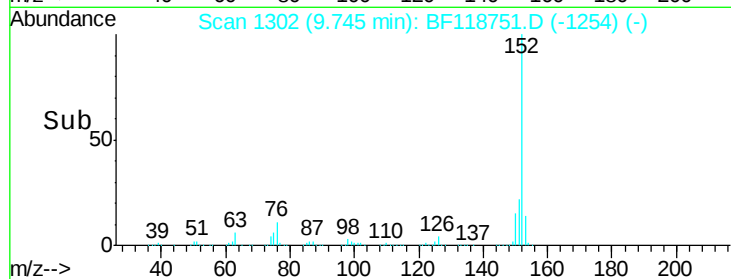
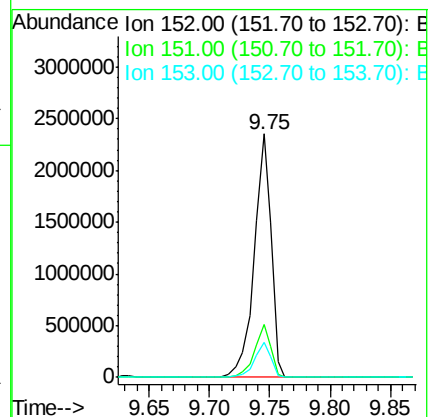
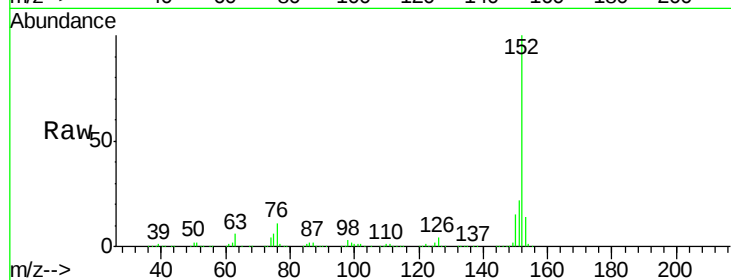
153 14.3 11.0 16.4

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#50

Dimethylphthalate

Concen: 40.253 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

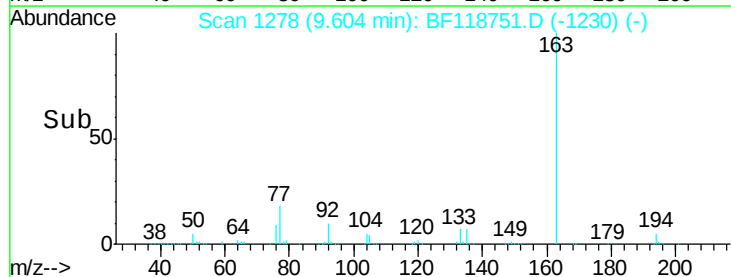
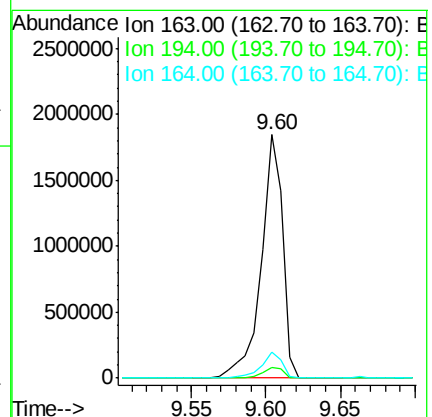
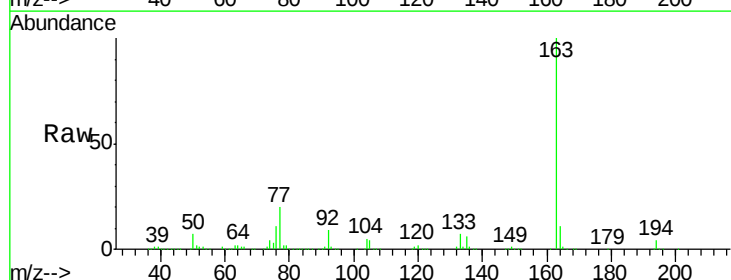
Tgt Ion:163 Resp: 1808123

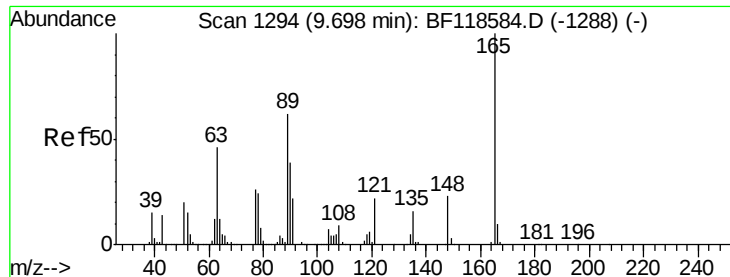
Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

164 10.8 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 41.655 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB126458BS

Tot Ion:165 Resp: 418989

Ion Ratio Lower Upper

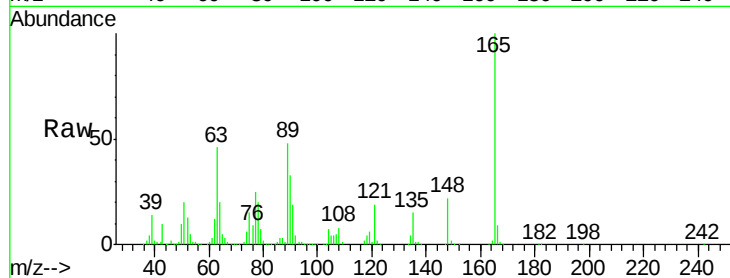
165 100

63 45.7 39.8 59.6

89 48.5 41.4 62.2

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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

600000

500000

400000

300000

200000

100000

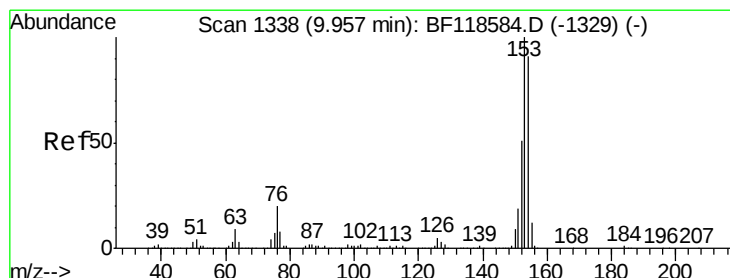
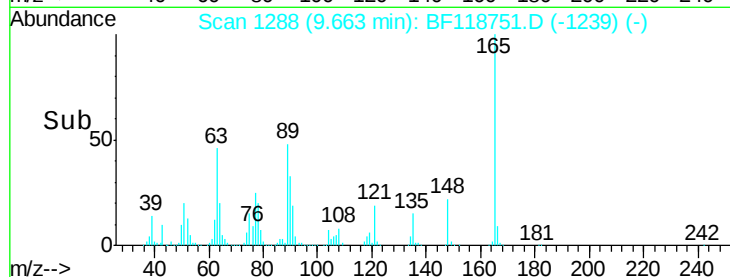
0

9.60

9.65

9.70

Time-->



#52

Acenaphthene

Concen: 42.005 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

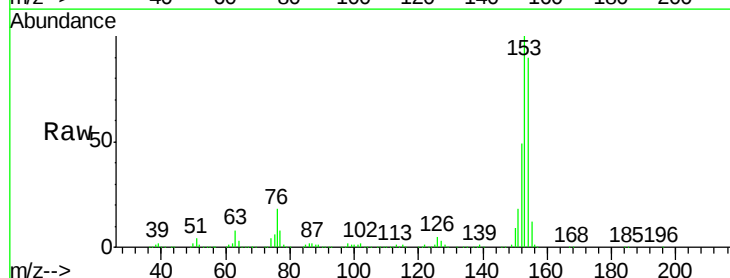
Tgt Ion:154 Resp: 1582564

Ion Ratio Lower Upper

154 100

153 111.7 89.1 133.7

152 54.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

2000000

1500000

1000000

500000

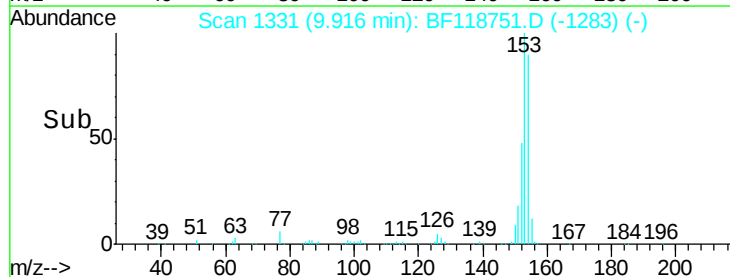
0

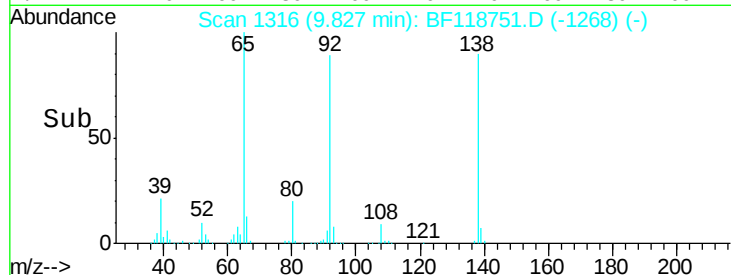
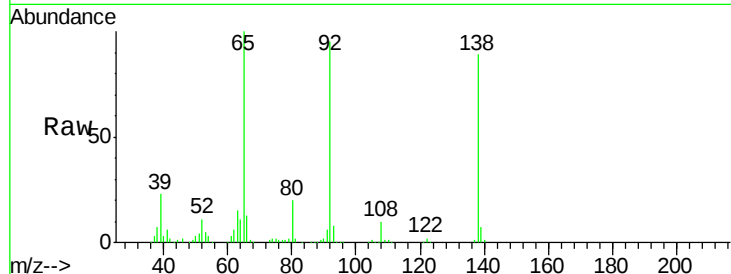
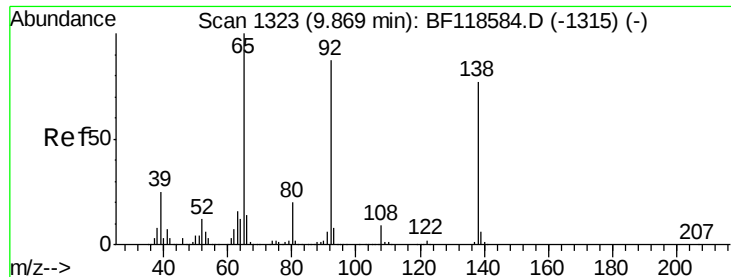
9.80

9.90

10.00

Time-->





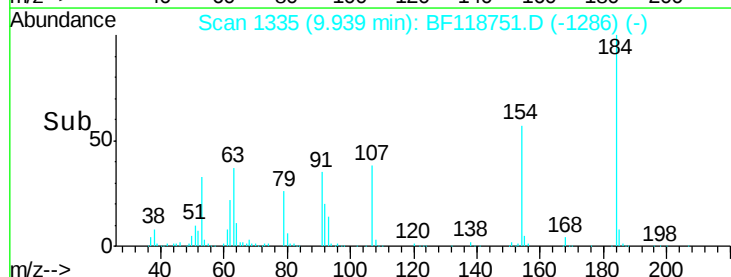
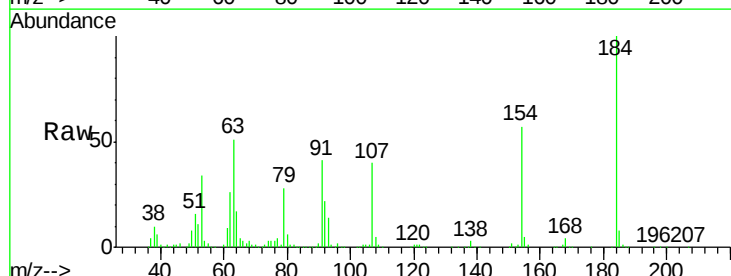
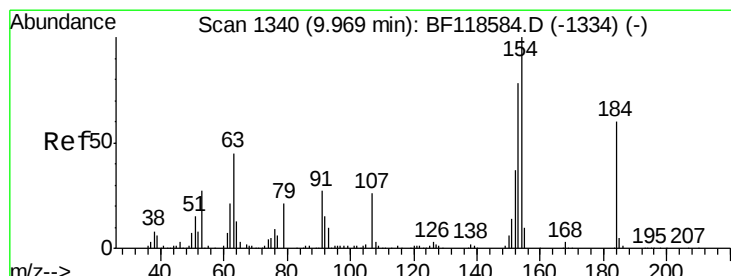
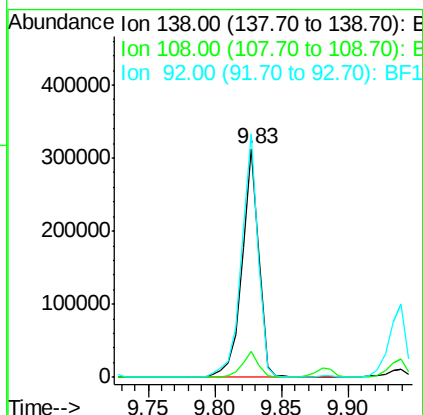
#53
3-Nitroaniline
Concen: 23.740 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.8	13.2
92	106.6	87.8	131.6

Instrument :
BNA_F
ClientSampleId :
PB126458BS

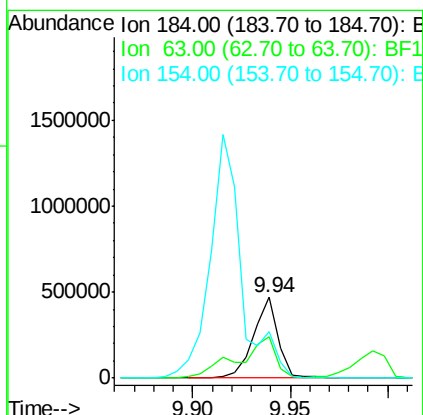
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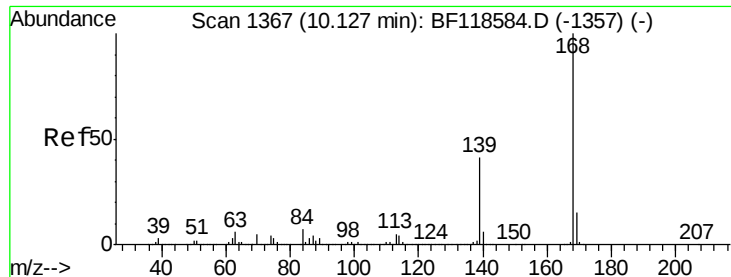
mohammad
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#54
2,4-Dinitrophenol
Concen: 101.558 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.5	36.0	54.0
154	57.5	44.6	66.8





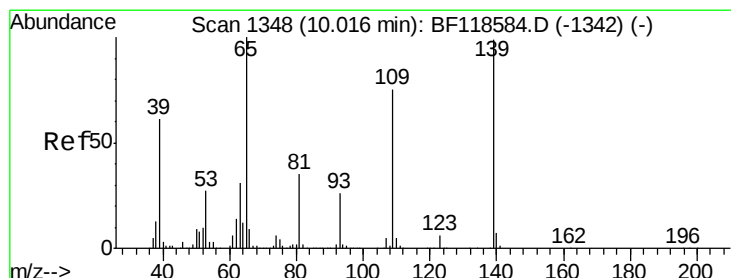
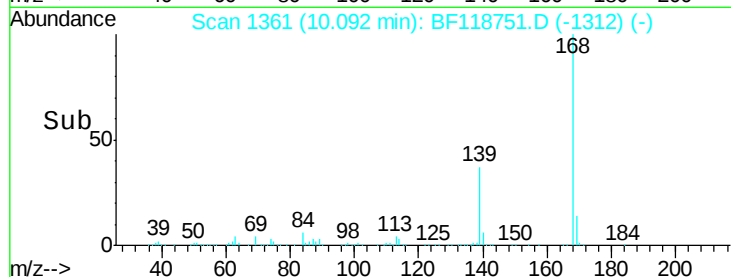
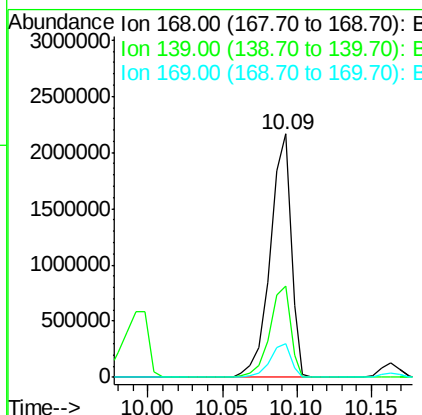
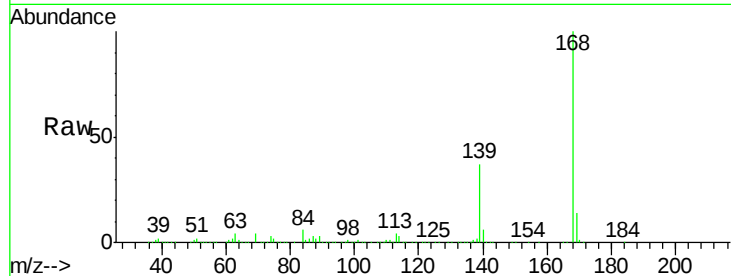
#55
Dibenzofuran
Concen: 40.157 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.6	47.4
169	14.0	11.4	17.0

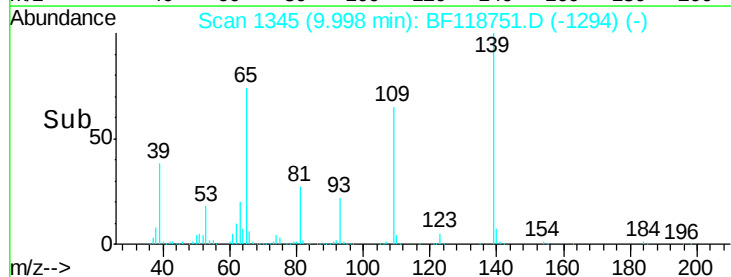
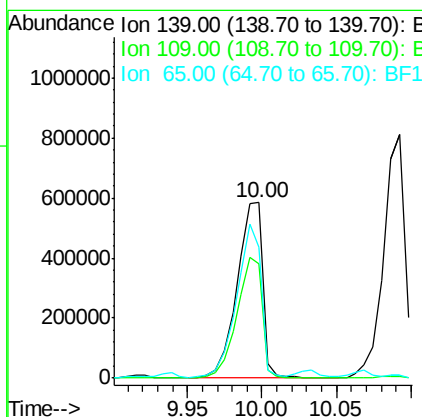
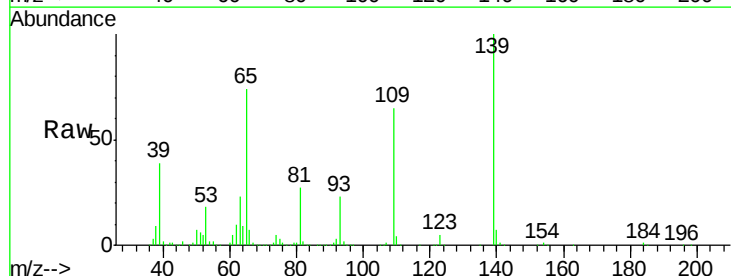
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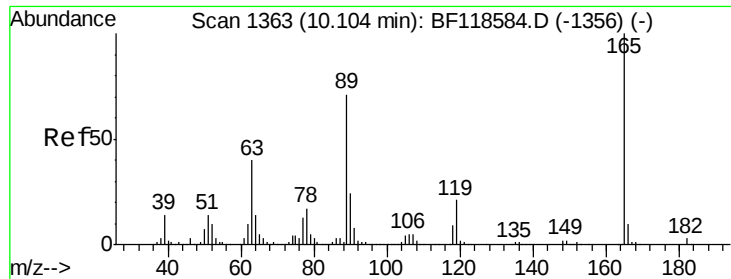
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#56
4-Nitrophenol
Concen: 81.176 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	47.0	87.0
65	74.4	65.7	105.7





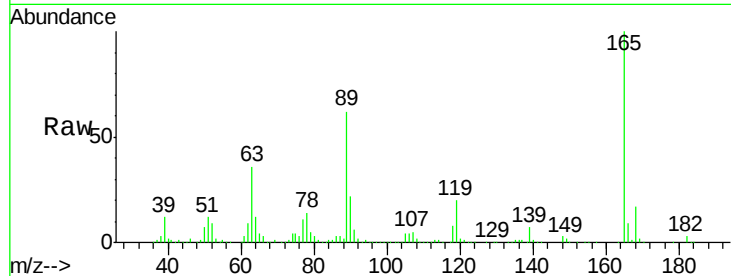
#57
2,4-Dinitrotoluene
Concen: 44.699 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

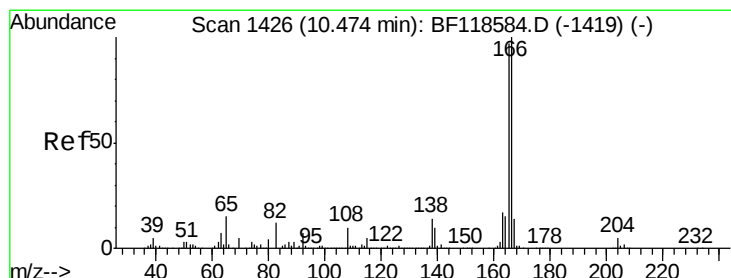
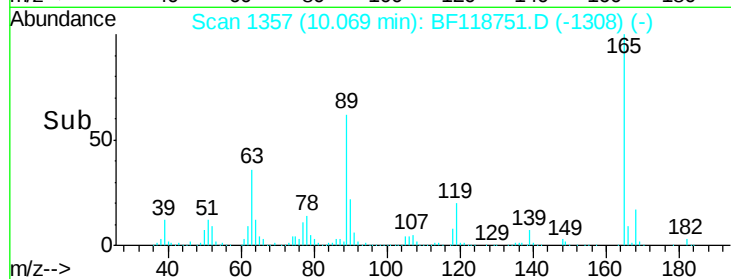
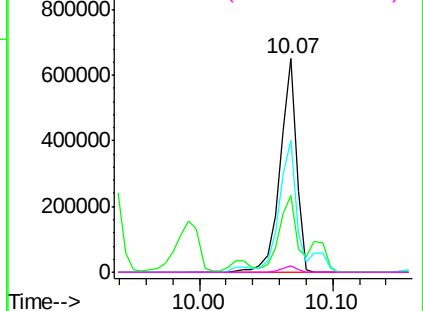
Tot Ion	Ratio	Resp	Lower	Upper
165	100	566792		
63	35.9	28.5	42.7	
89	61.9	50.4	75.6	
182	3.0	2.3	3.5	

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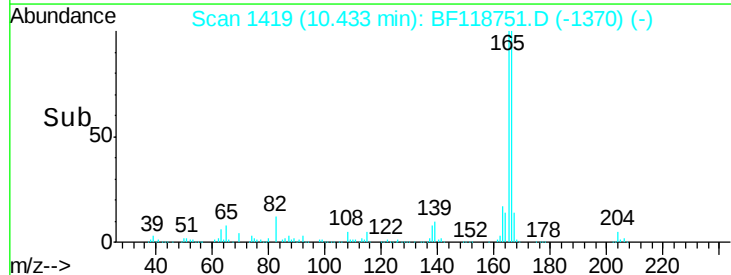
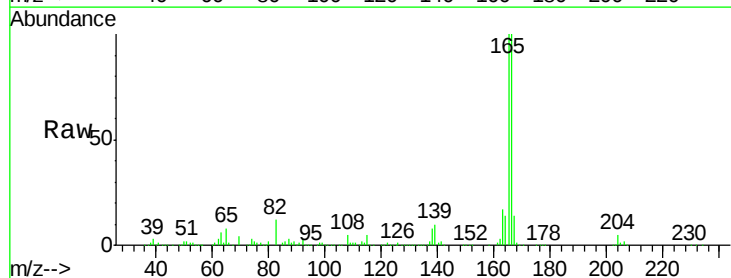
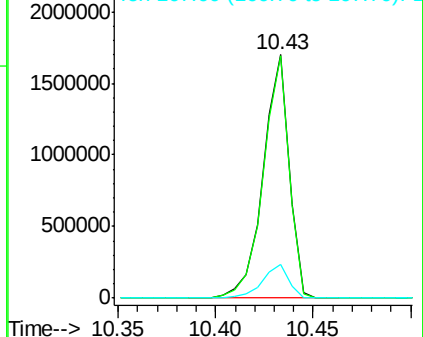
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

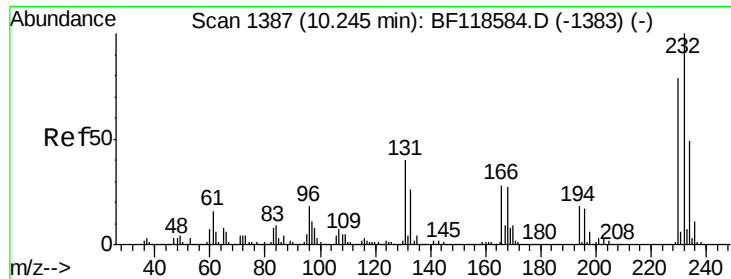


#58
Fluorene
Concen: 38.265 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1568432		
165	99.5	78.6	118.0	
167	13.9	11.4	17.2	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





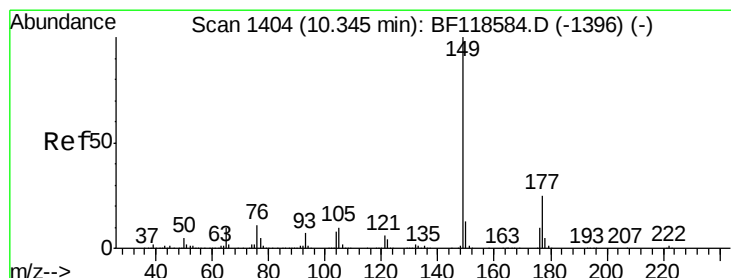
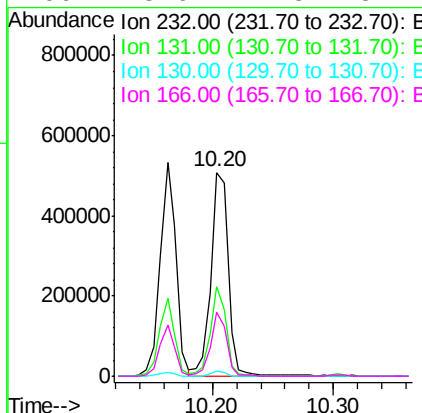
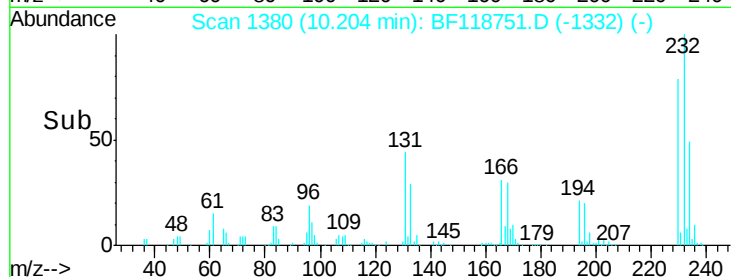
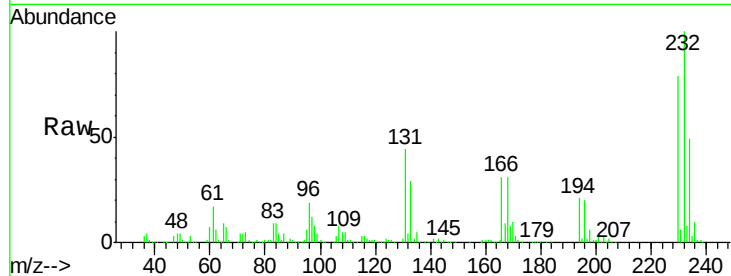
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.828 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.8	31.8	47.6
130	2.0	1.5	2.3
166	28.6	22.8	34.2

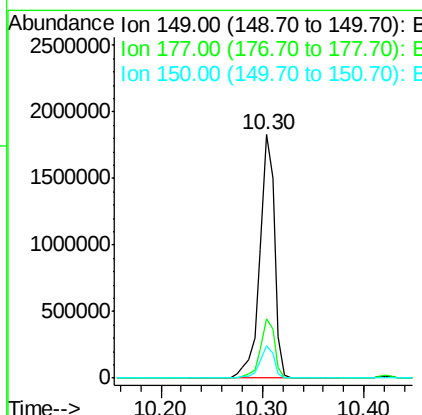
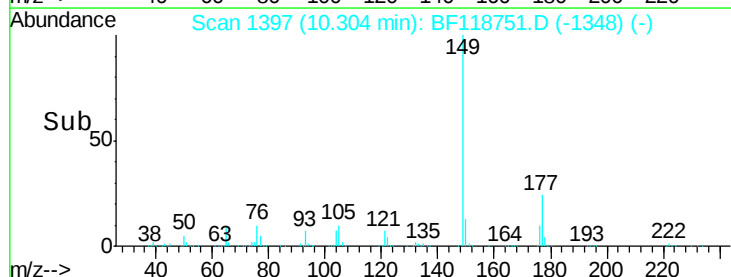
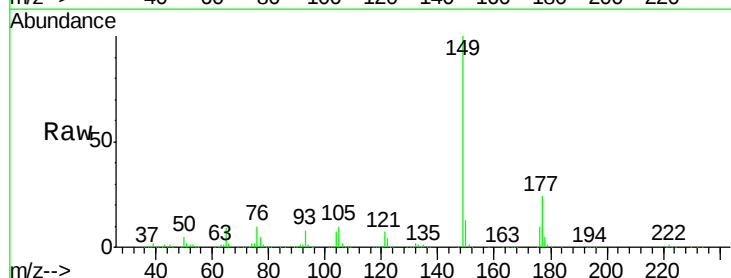
Manual Integrations
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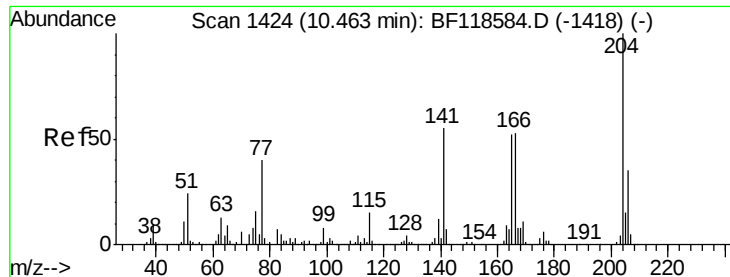
mohammad
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#60
Diethylphthalate
Concen: 42.120 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	13.4	10.5	15.7





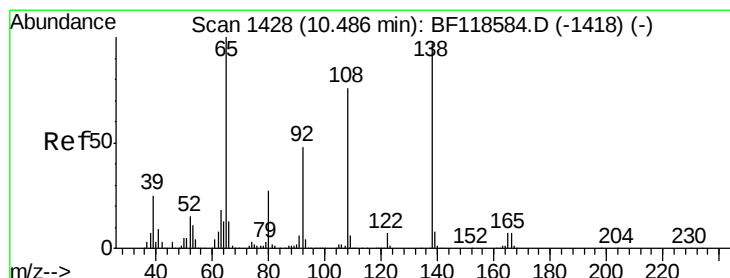
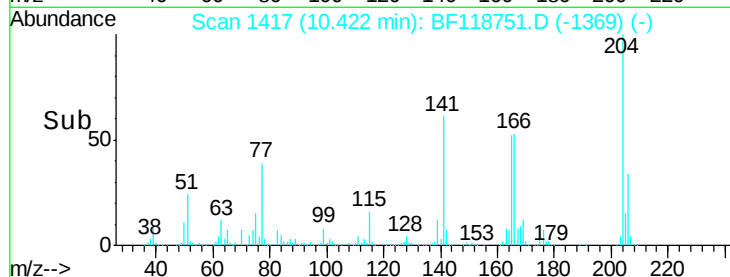
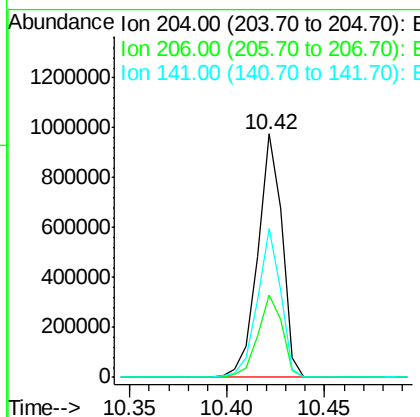
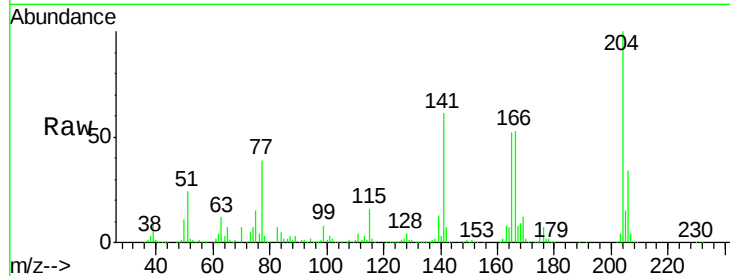
#61
4-Chlorophenyl-phenylether
Concen: 37.862 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.0	40.6
141	61.3	43.9	65.9

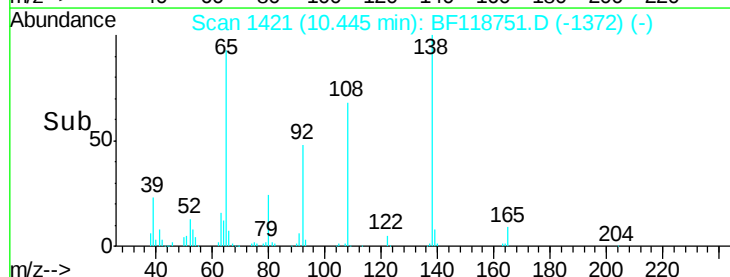
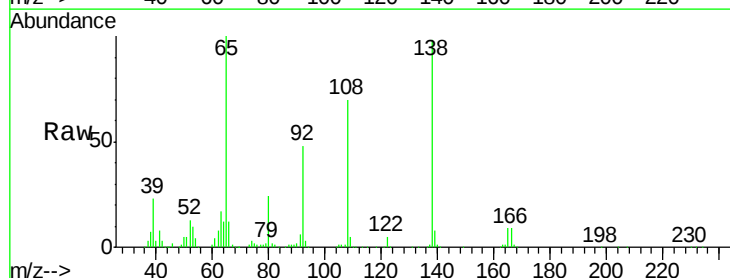
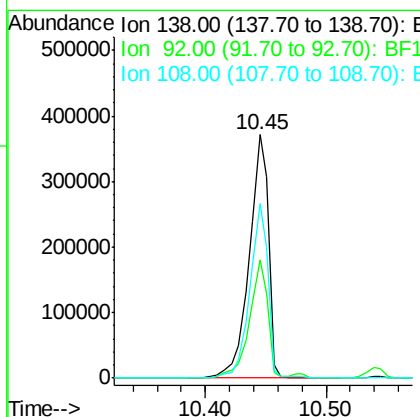
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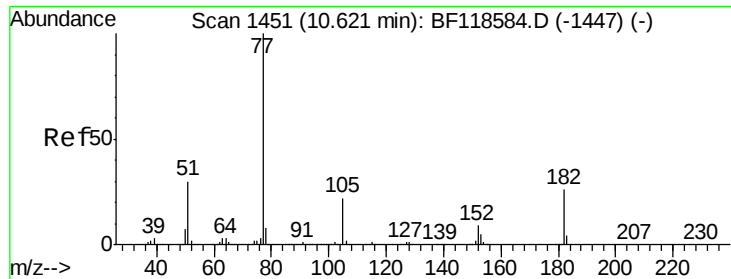
mohammad
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#62
4-Nitroaniline
Concen: 35.023 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.2	69.2
108	71.5	50.8	90.8





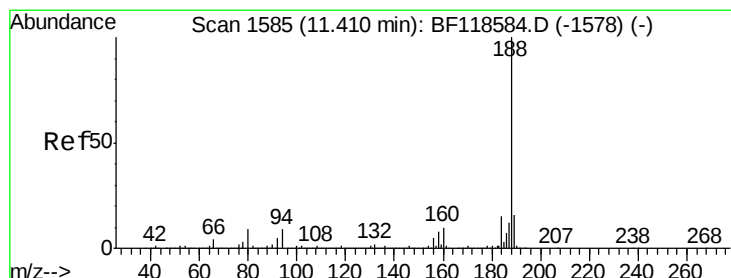
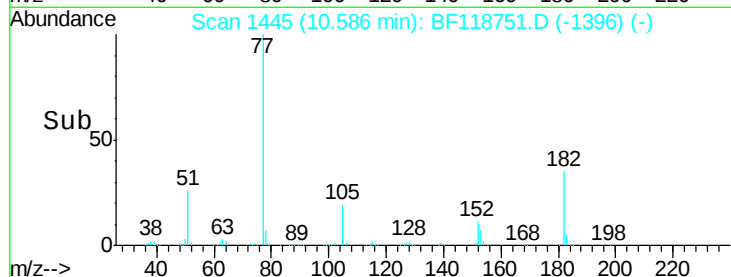
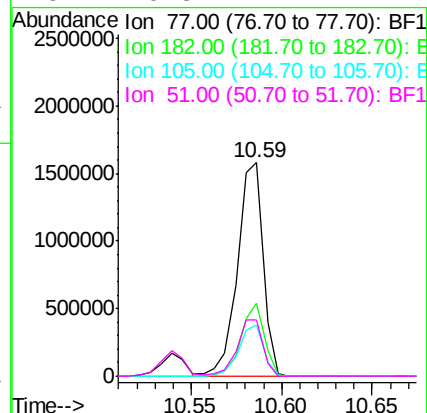
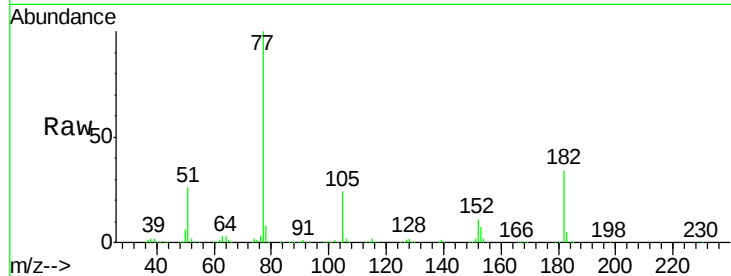
#63
Azobenzene
Concen: 37.059 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	34.4	12.3	52.3
105	24.0	4.0	44.0
51	26.3	7.2	47.2

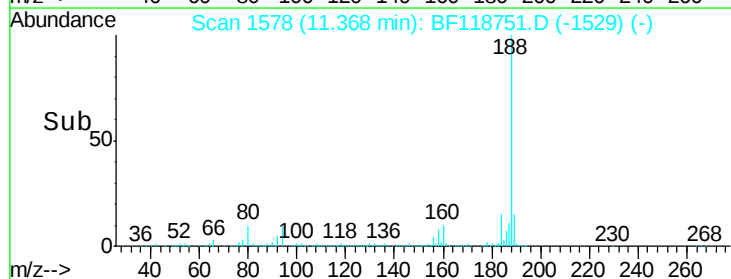
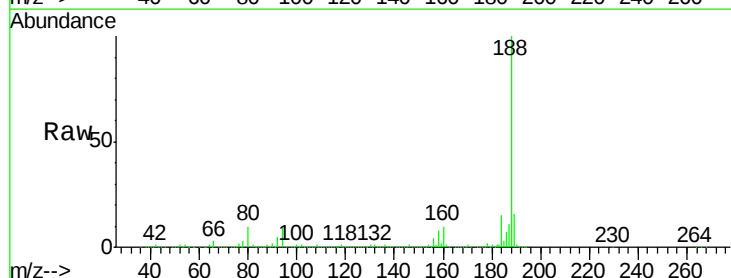
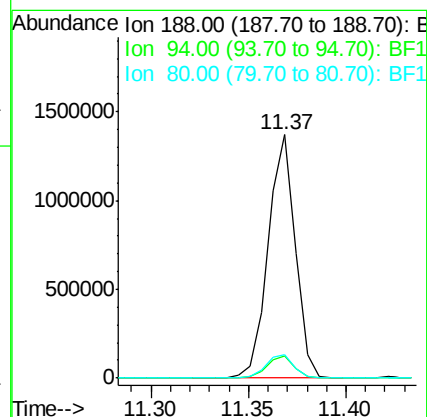
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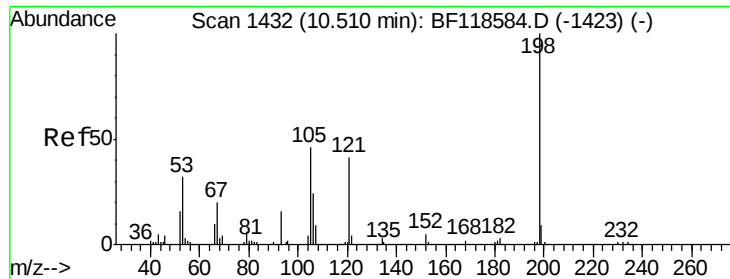
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.6	7.8	11.8





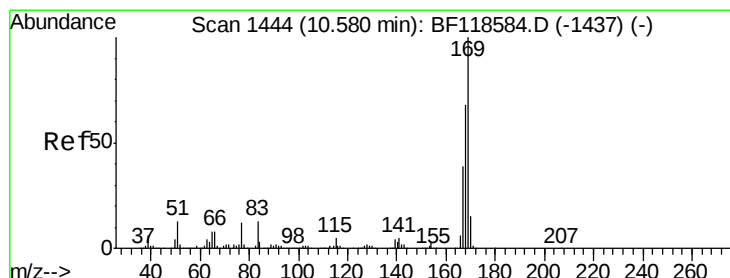
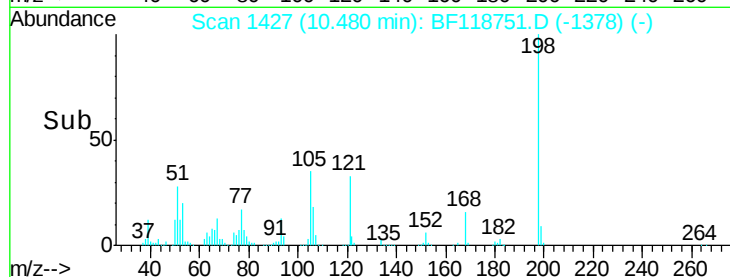
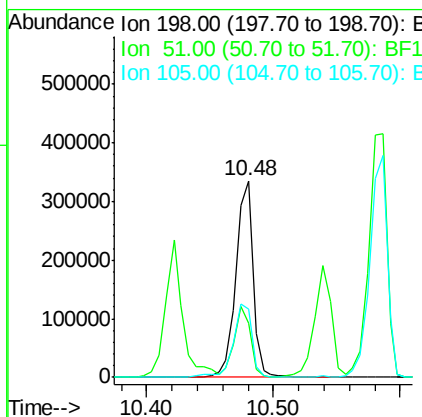
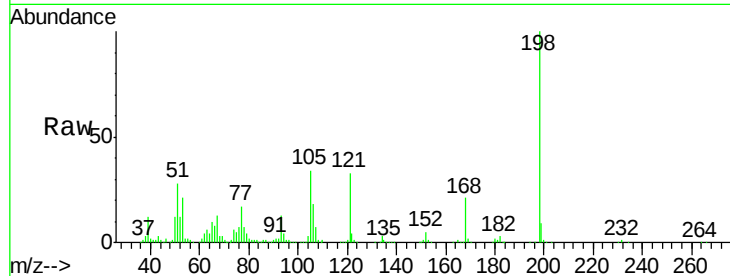
#65
4,6-Dinitro-2-methylphenol
Concen: 54.049 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	312575		
51	27.7	9.6	49.6	
105	34.4	15.5	55.5	

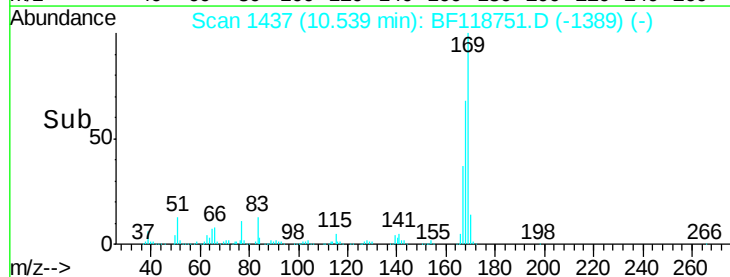
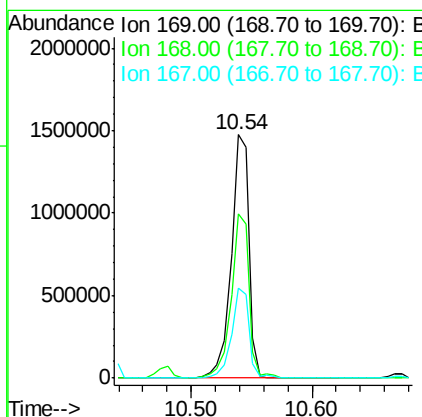
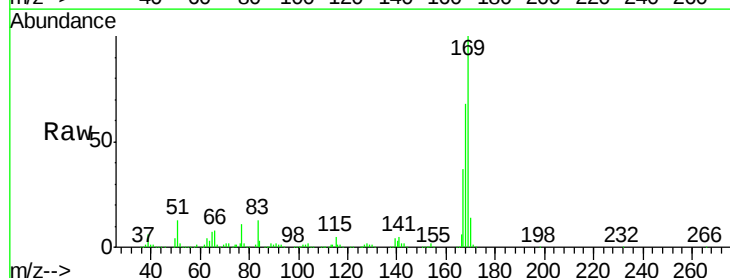
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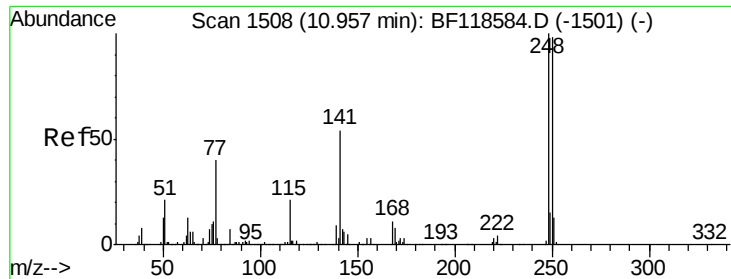
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 37.819 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1499987		
168	67.7	53.4	80.0	
167	37.2	29.2	43.8	





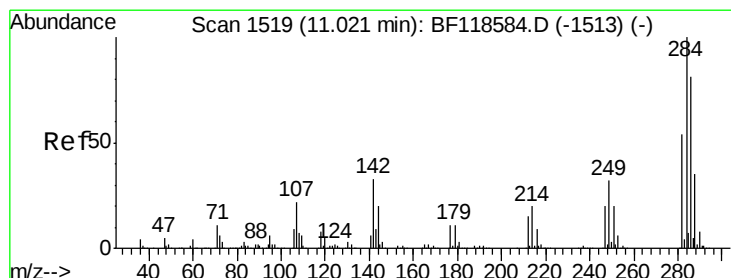
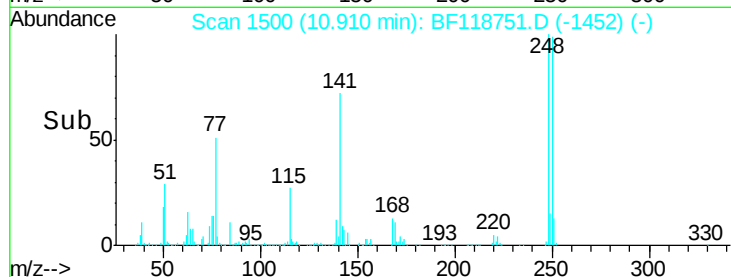
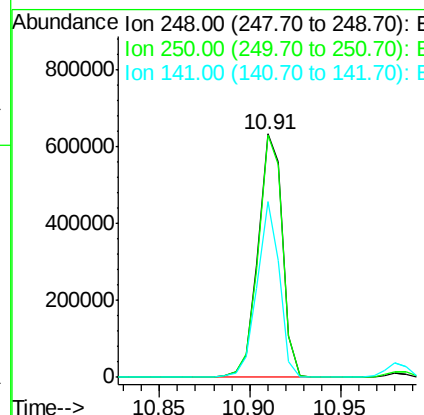
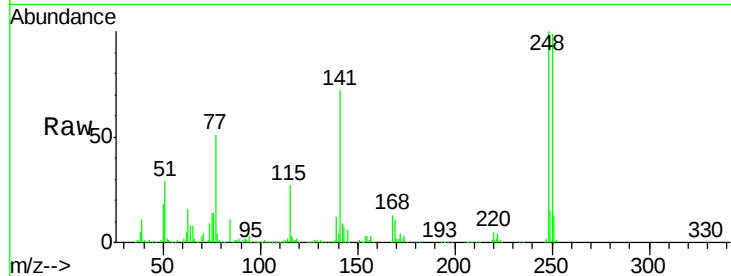
#67
 4-Bromophenyl-phenylether
 Concen: 36.362 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BS

Tot Ion:	248	Resp:	590829
Ion Ratio	Lower	Upper	
248	100		
250	99.3	78.7	118.1
141	72.0	48.4	72.6

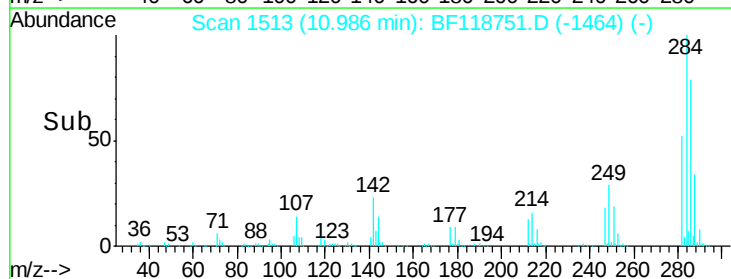
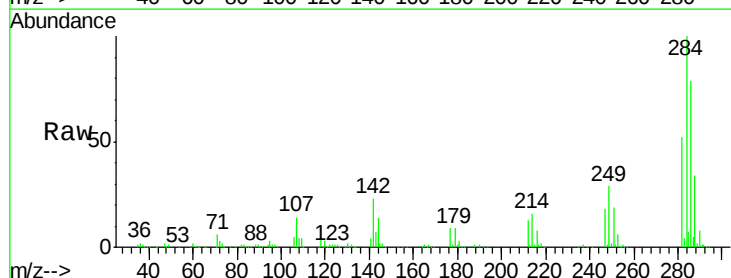
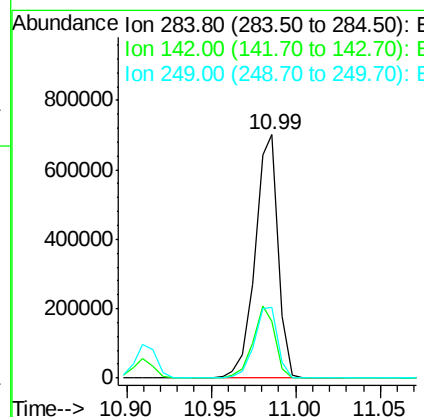
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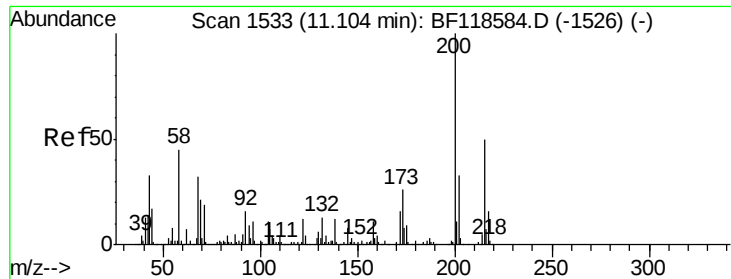
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#68
 Hexachlorobenzene
 Concen: 36.282 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion:	284	Resp:	668371
Ion Ratio	Lower	Upper	
284	100		
142	23.3	23.1	34.7
249	29.2	24.0	36.0





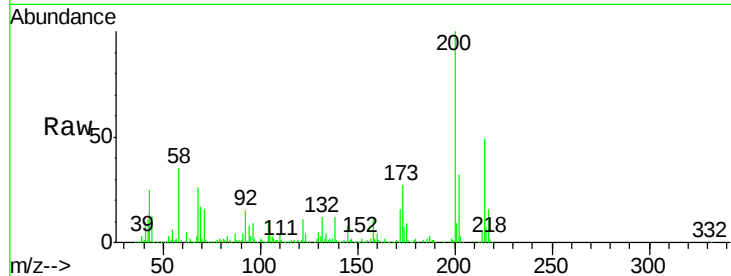
#69
Atrazine
Concen: 41.715 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

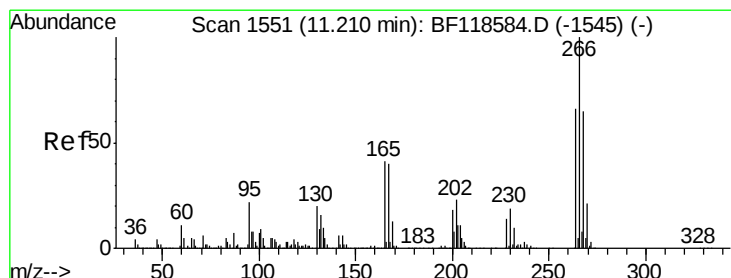
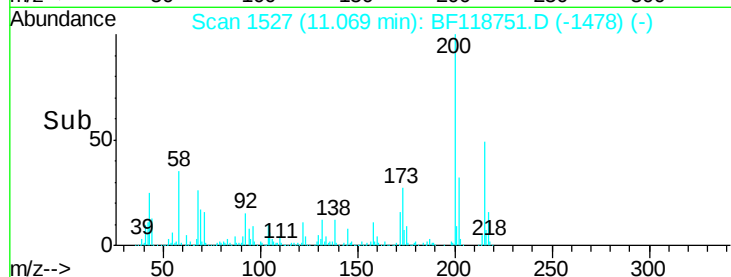
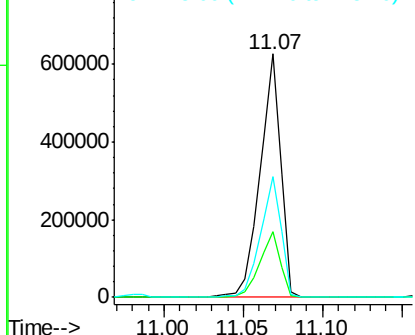
Tot Ion	Ratio	Resp	Lower	Upper
200	100	573464		
173	26.9	6.8	46.8	
215	49.5	30.4	70.4	

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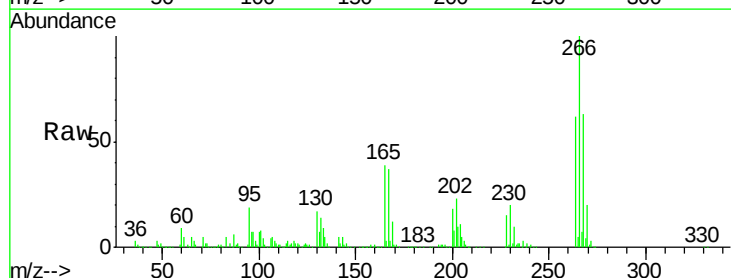


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

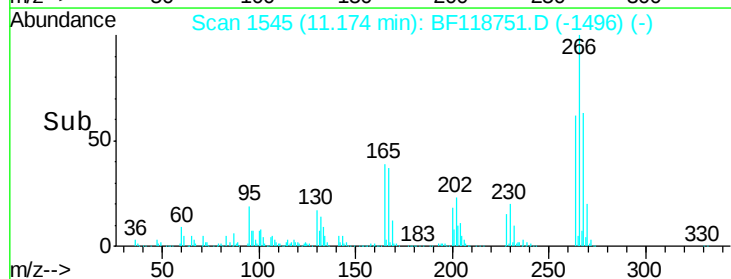
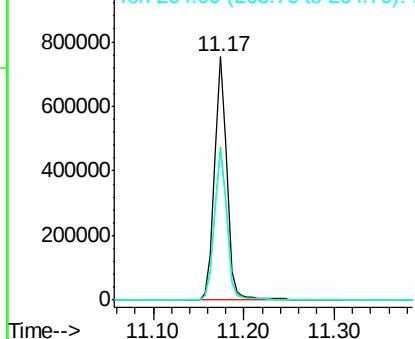


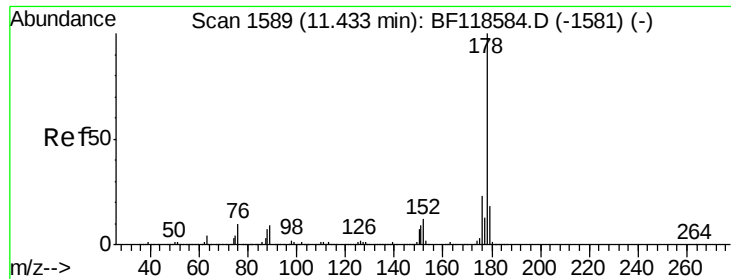
#70
Pentachlorophenol
Concen: 71.429 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	731583		
268	62.6	51.6	77.4	
264	61.8	50.9	76.3	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





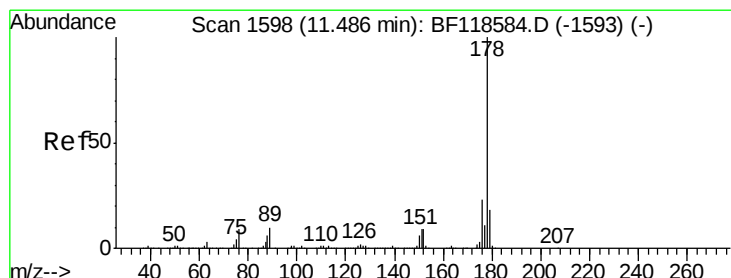
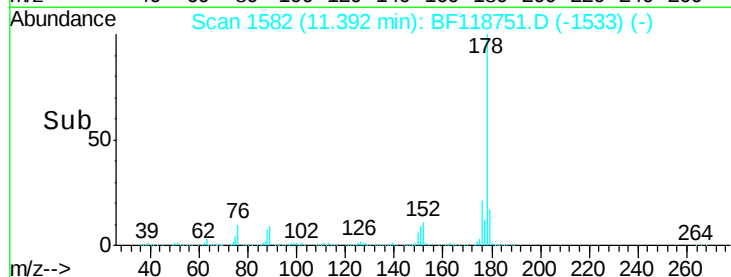
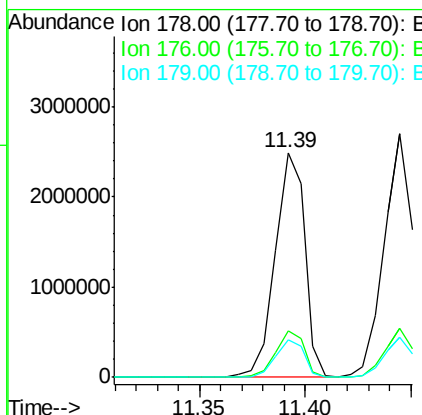
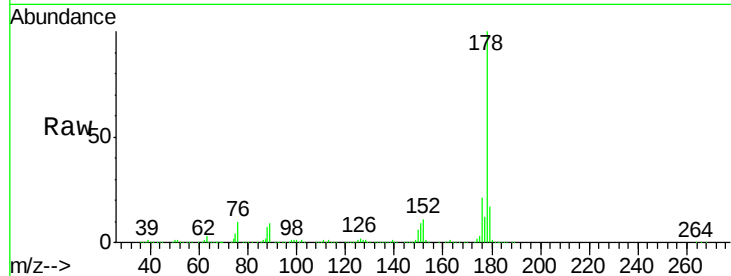
#71
Phenanthrene
Concen: 38.409 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion:178 Resp: 2437015
Ion Ratio Lower Upper
178 100
176 20.5 16.5 24.7
179 16.6 13.3 19.9

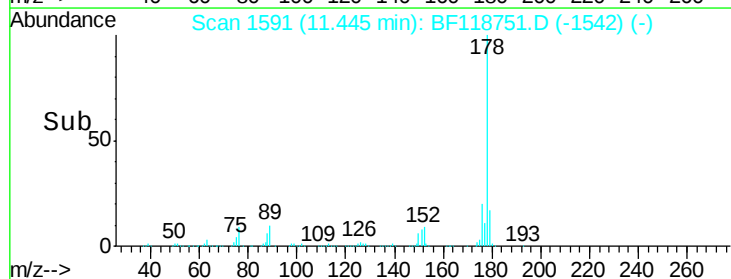
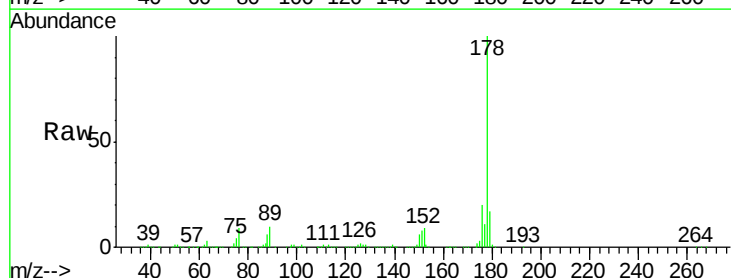
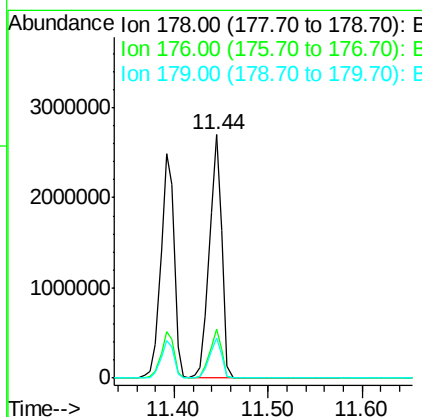
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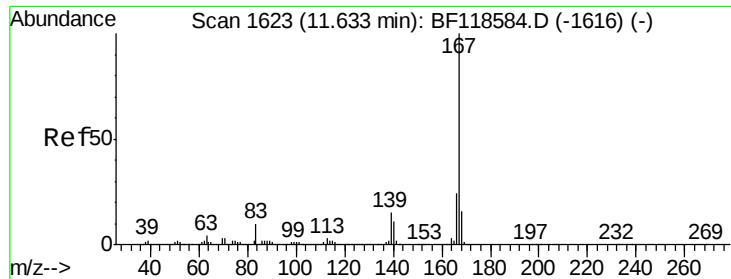
mohammad
2/3/2020 7:56:57 AM



#72
Anthracene
Concen: 40.413 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:178 Resp: 2537227
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.6 13.3 19.9





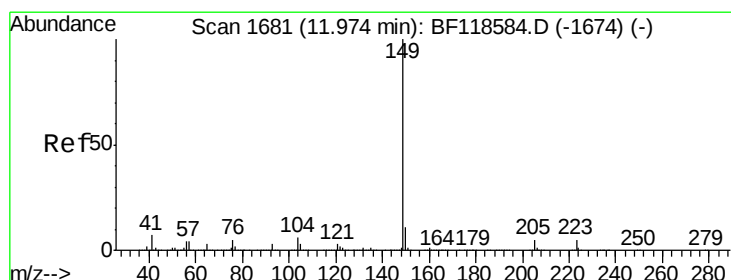
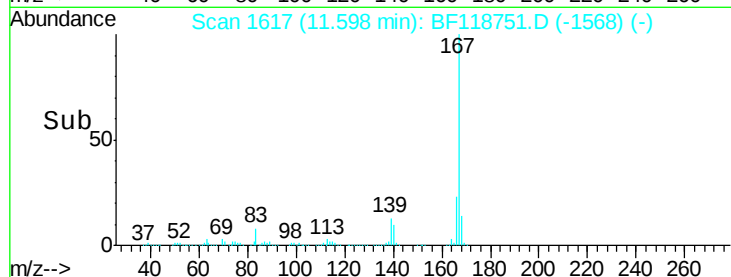
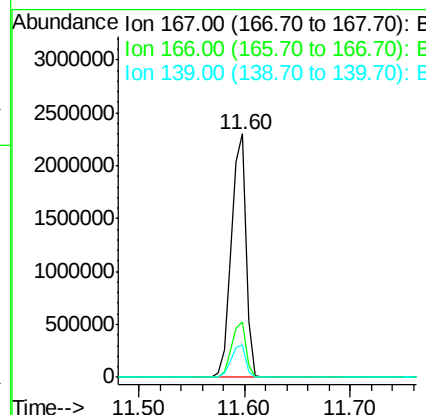
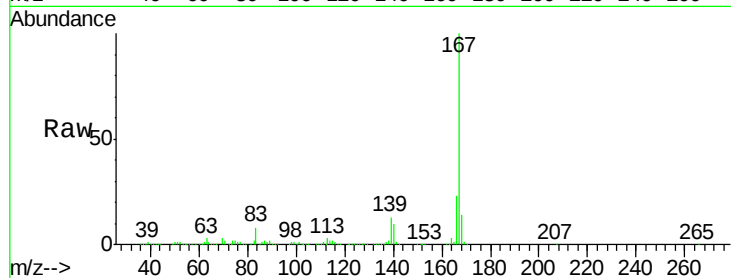
#73
 Carbazole
 Concen: 38.328 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.3	27.5
139	13.2	11.0	16.4

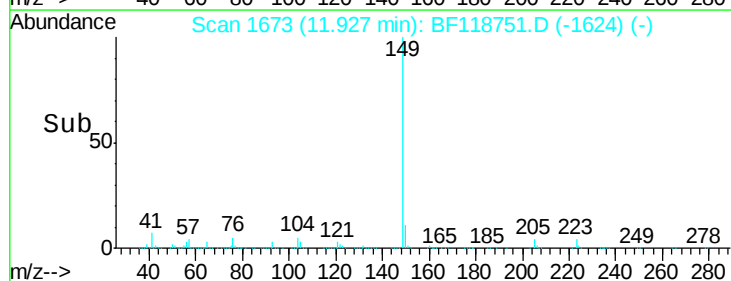
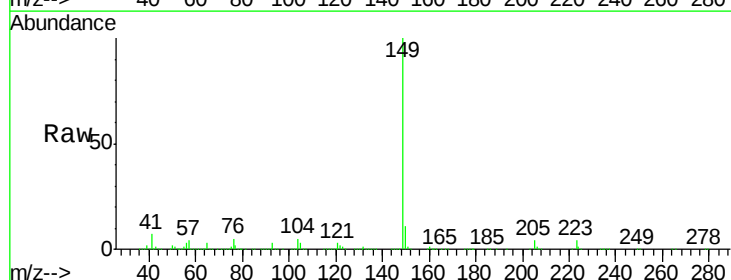
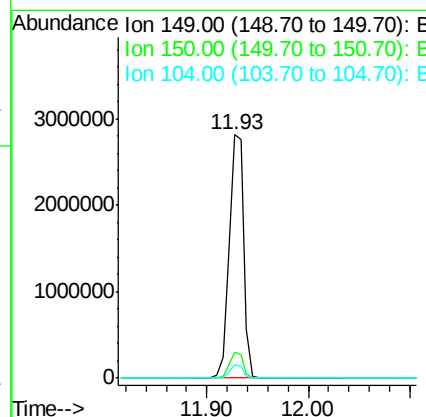
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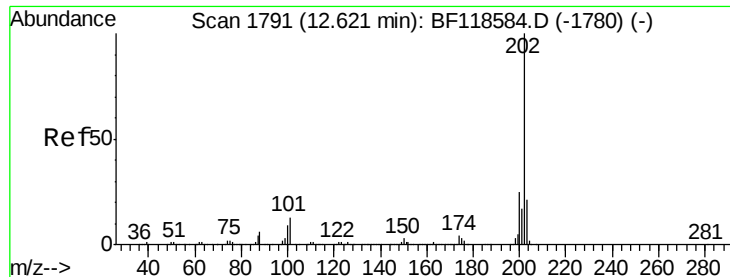
mohammad
 2/3/2020 7:56:57 AM



#74
 Di-n-butylphthalate
 Concen: 43.069 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	5.4	4.2	6.4





#75

Fluoranthene

Concen: 39.700 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

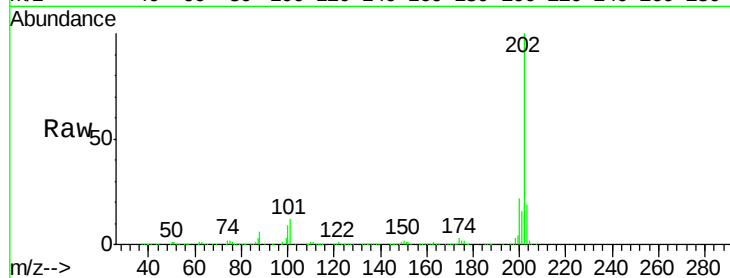
ClientSampleId :

PB126458BS

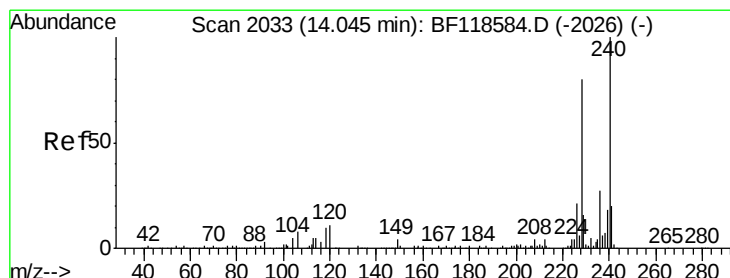
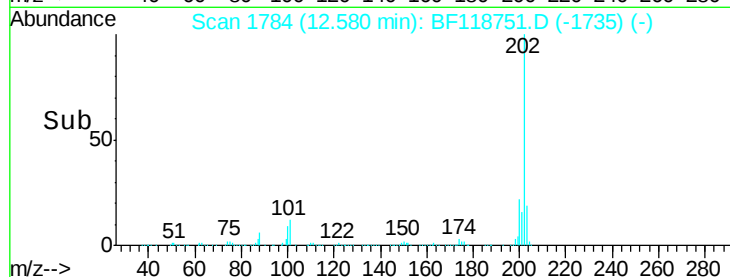
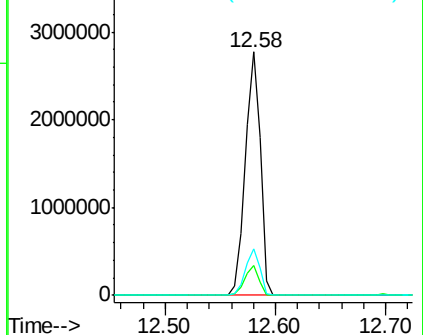
Tot Ion:	202	Resp:	2656787
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.1
203	19.0	0.0	38.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

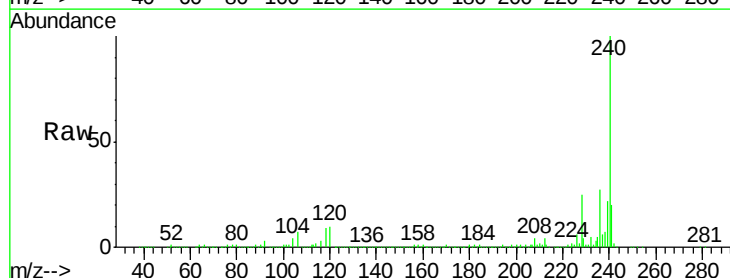
RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

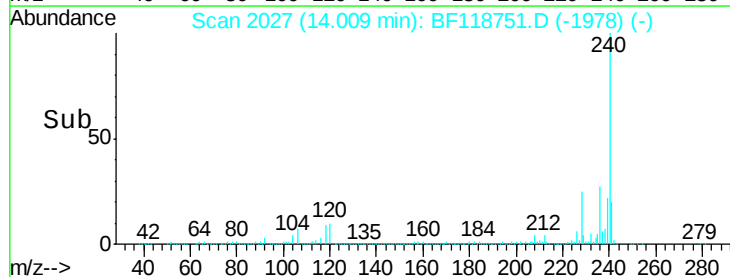
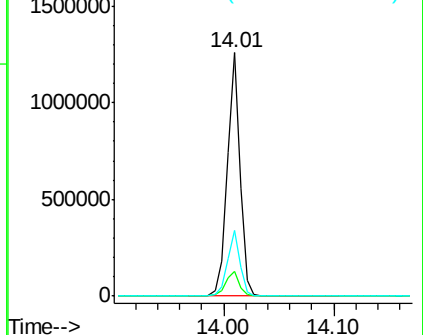
Lab File: BF118751.D

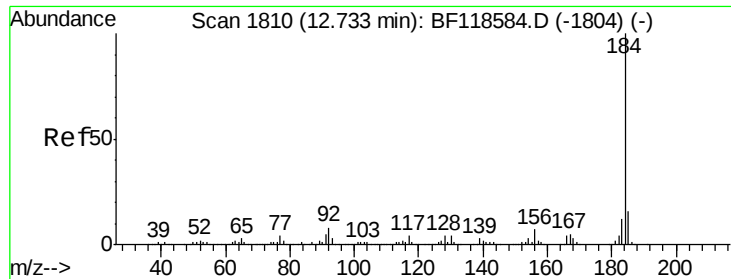
Acq: 30 Jan 2020 15:09

Tgt Ion:	240	Resp:	1017879
Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.6	11.4
236	27.1	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.978 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB126458BS

Tot Ion:184 Resp: 1576817

Ion Ratio Lower Upper

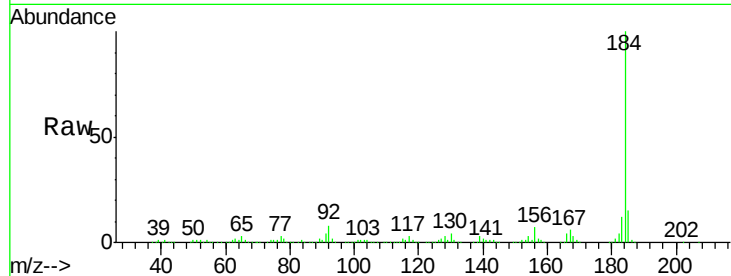
184 100

185 15.3 11.8 17.8

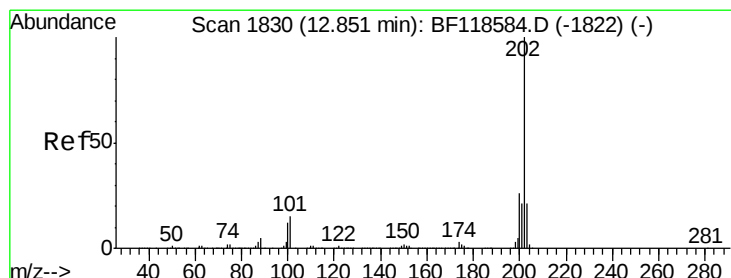
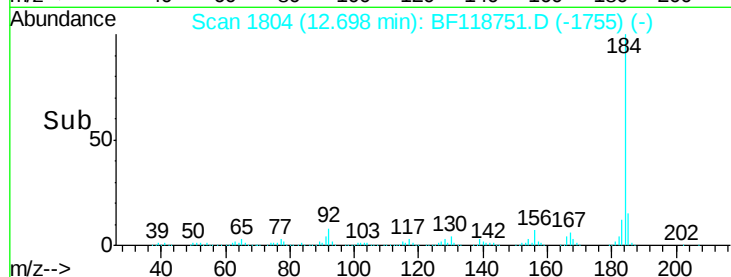
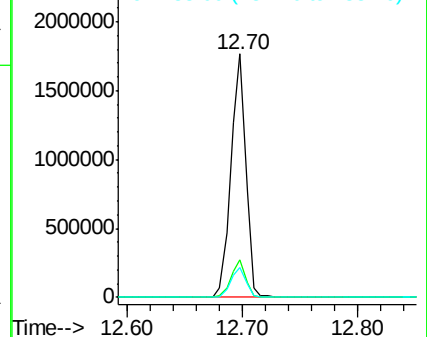
183 12.3 9.7 14.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.628 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

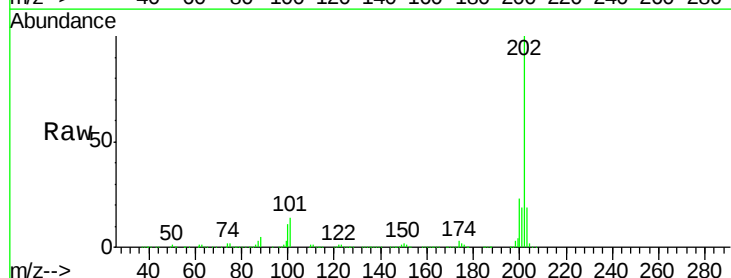
Tgt Ion:202 Resp: 2669366

Ion Ratio Lower Upper

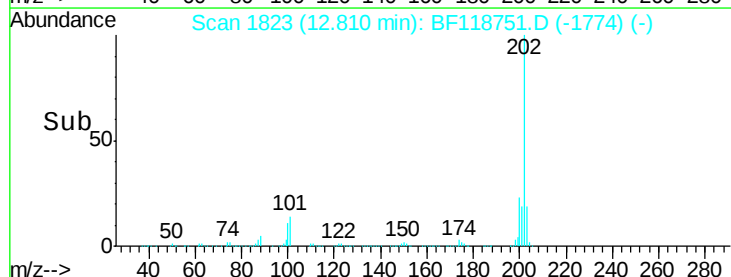
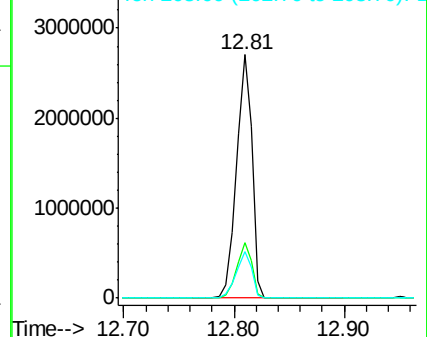
202 100

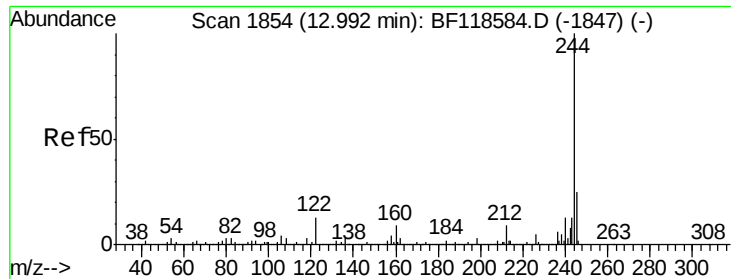
200 22.8 18.1 27.1

203 19.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





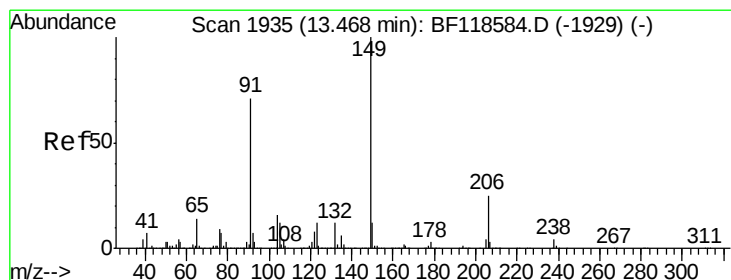
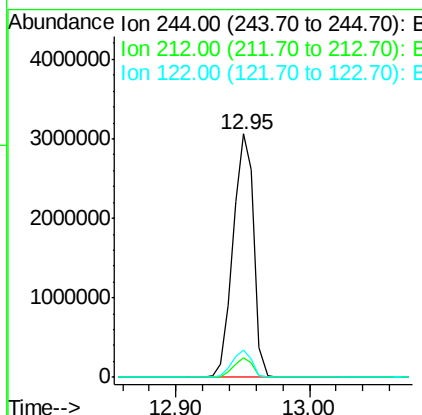
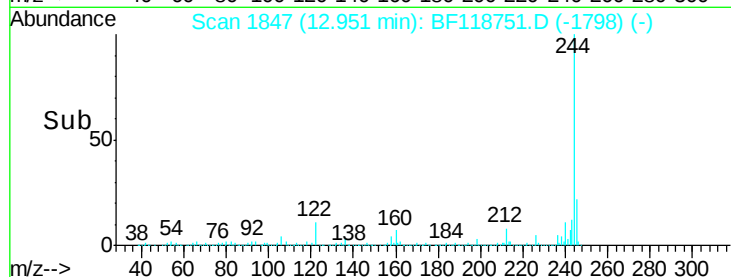
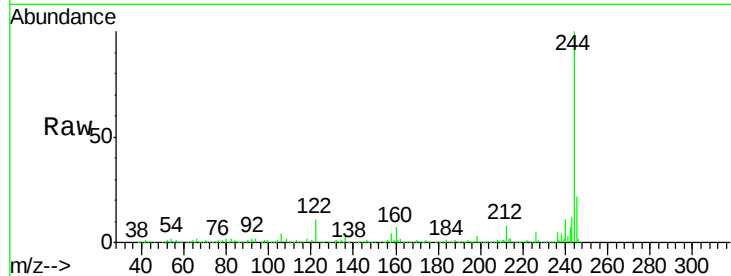
#79
 Terphenyl-d14
 Concen: 70.970 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BS

Tot Ion:244 Resp: 3312049
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 11.2 9.2 13.8

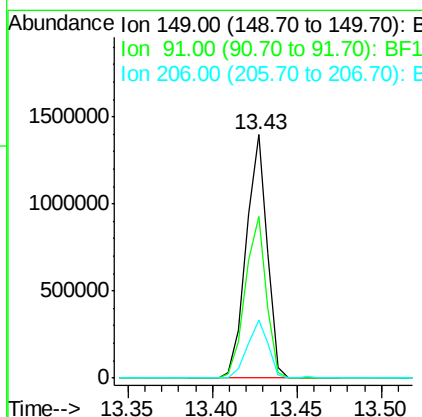
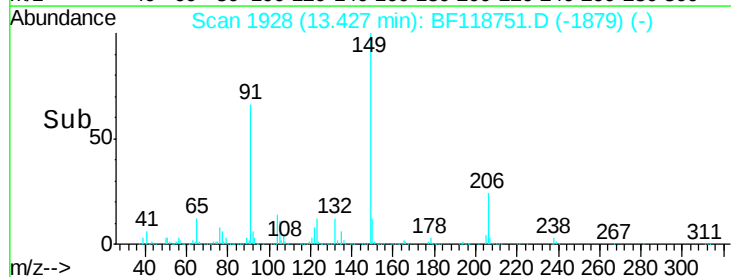
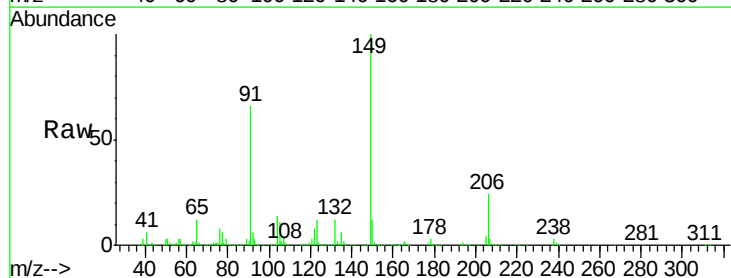
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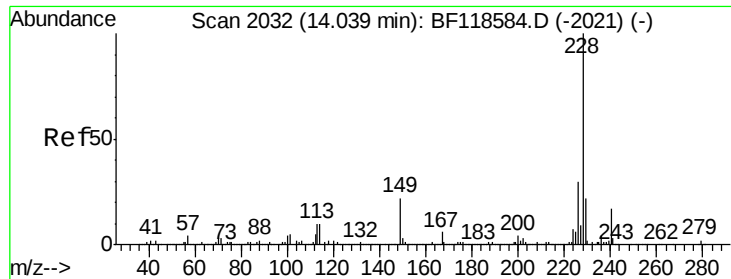
mohammad
 2/3/2020 7:56:57 AM



#80
 Butylbenzylphthalate
 Concen: 42.904 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion:149 Resp: 1213407
 Ion Ratio Lower Upper
 149 100
 91 66.4 49.6 74.4
 206 23.6 19.9 29.9





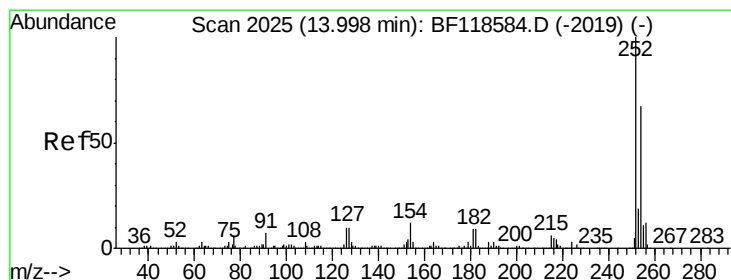
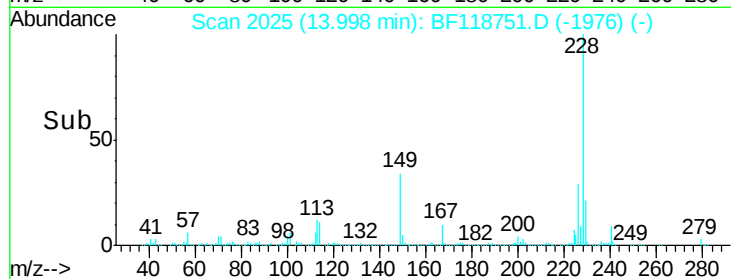
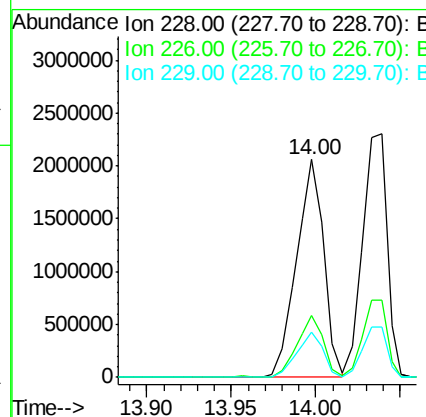
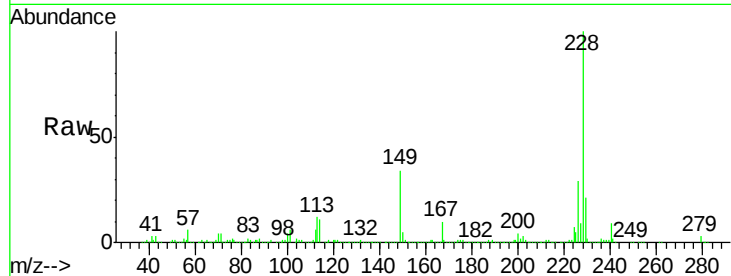
#81
Benzo(a)anthracene
Concen: 37.738 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	20.6	16.6	25.0

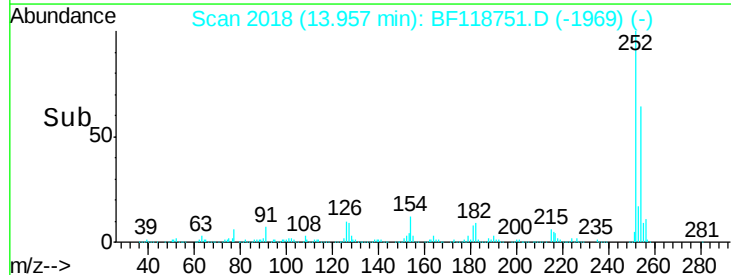
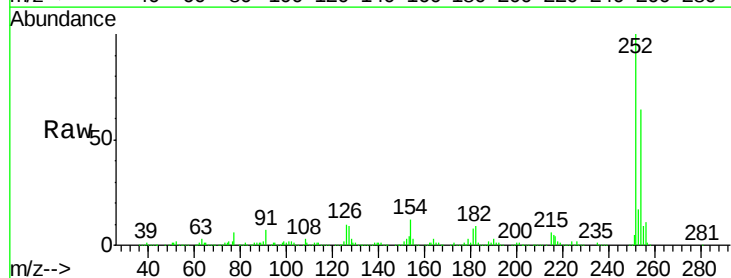
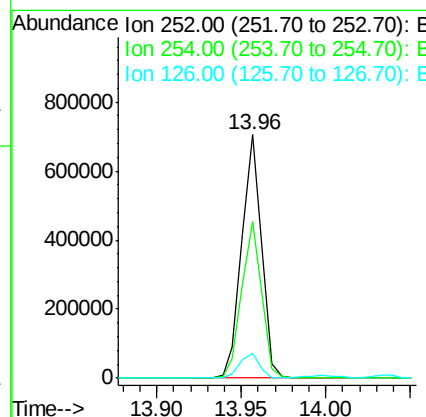
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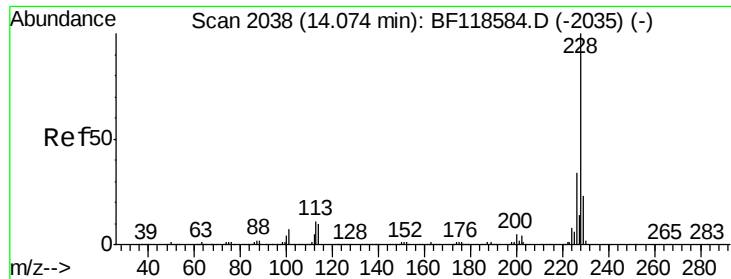
mohammad
2/3/2020 7:56:57 AM



#82
3,3'-Dichlorobenzidine
Concen: 26.255 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	78.8
126	10.2	8.1	12.1





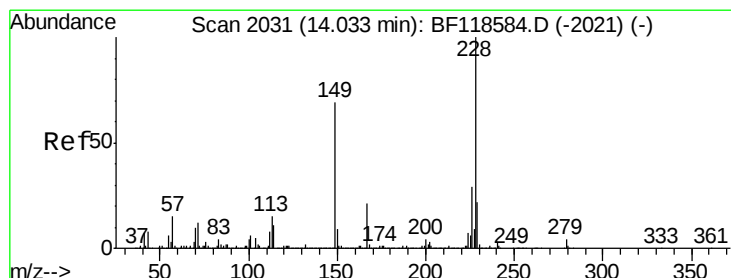
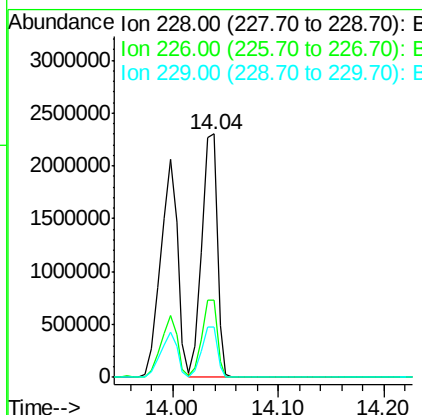
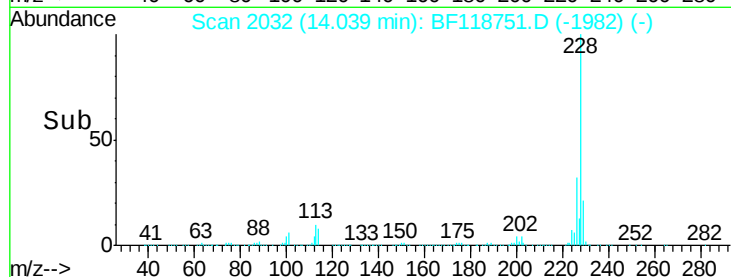
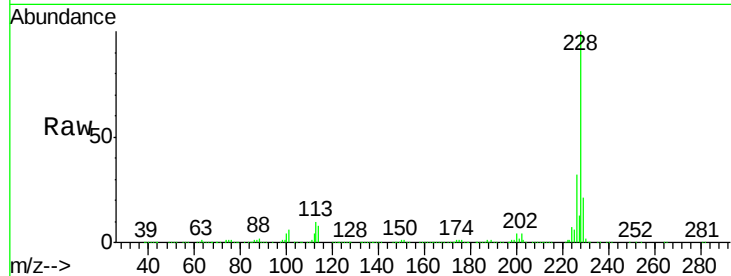
#83
Chrysene
Concen: 39.674 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion:228 Resp: 2328239
Ion Ratio Lower Upper
228 100
226 31.6 25.6 38.4
229 20.8 17.1 25.7

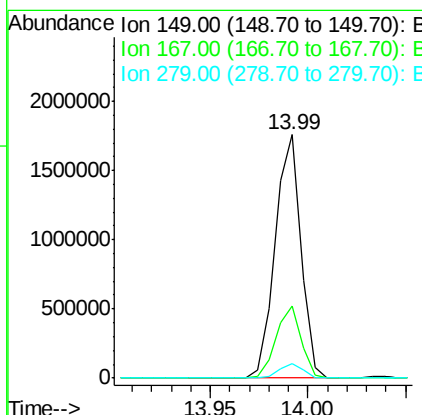
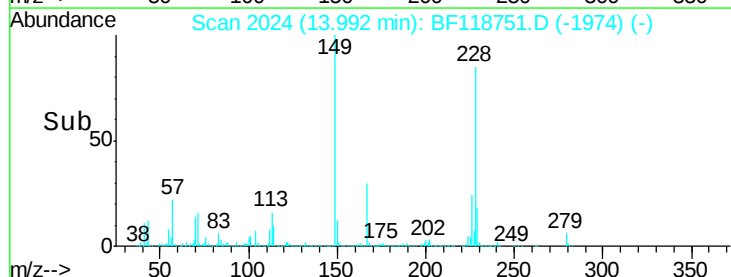
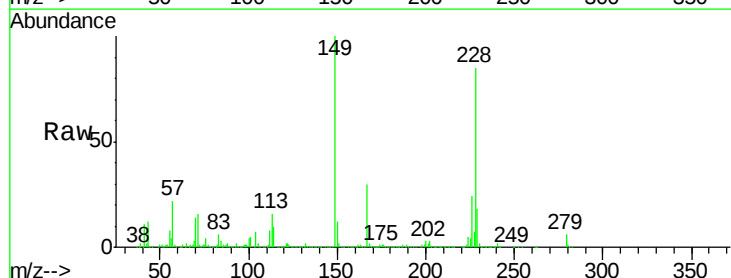
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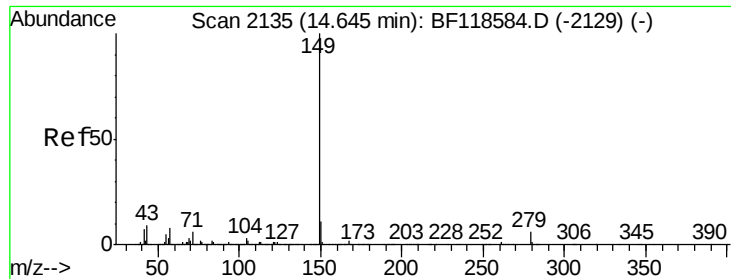
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.422 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:149 Resp: 1604027
Ion Ratio Lower Upper
149 100
167 29.5 23.6 35.4
279 6.1 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 54.131 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB126458BS

Tot Ion:149 Resp: 2768514

Ion Ratio Lower Upper

149 100

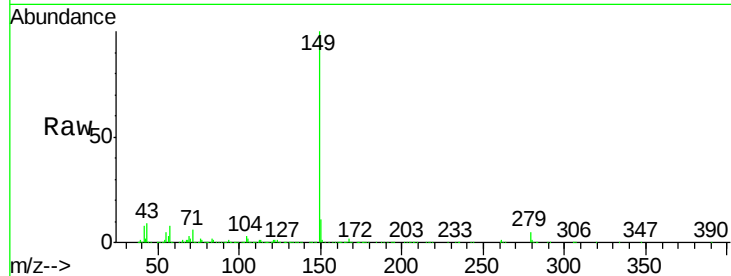
167 1.8 1.4 2.0

43 8.4 6.6 10.0

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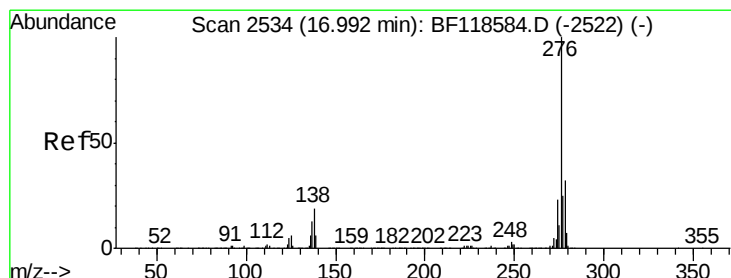
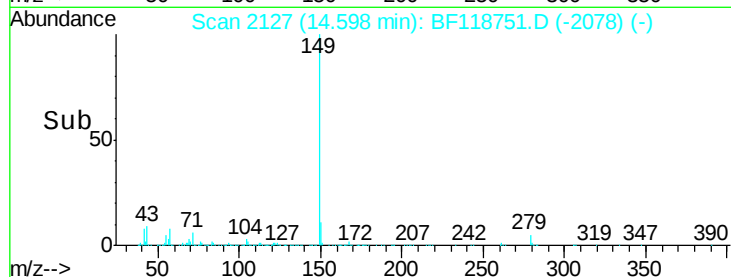
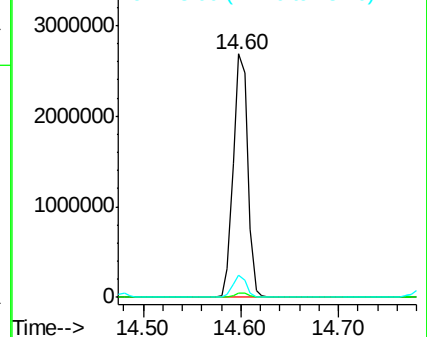
2/3/2020 7:56:57 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.845 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.03 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

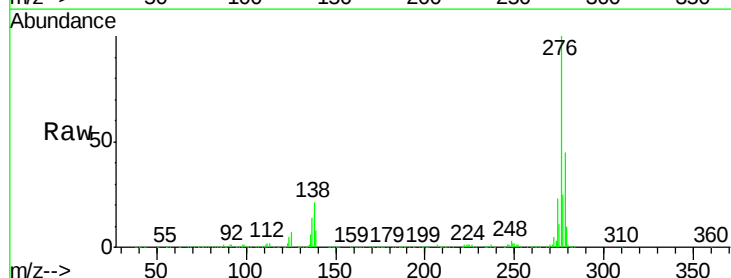
Tgt Ion:276 Resp: 2184680

Ion Ratio Lower Upper

276 100

138 23.2 18.2 27.4

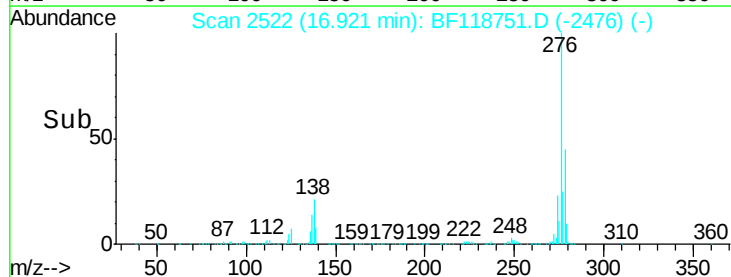
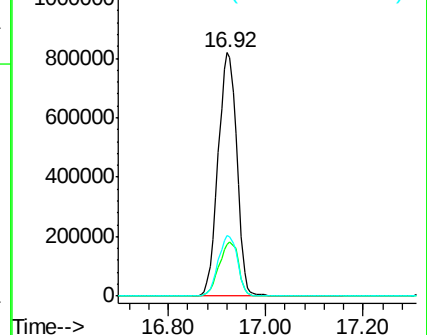
277 25.5 20.4 30.6

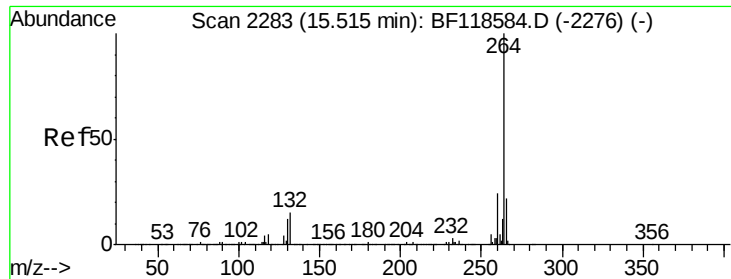


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB126458BS

Tot Ion:264 Resp: 1040960

Ion Ratio Lower Upper

264 100

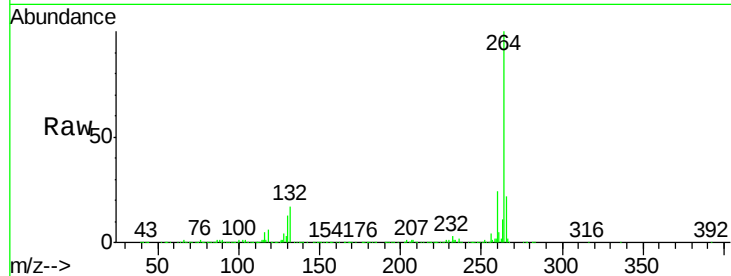
260 23.6 18.6 28.0

265 22.1 17.0 25.6

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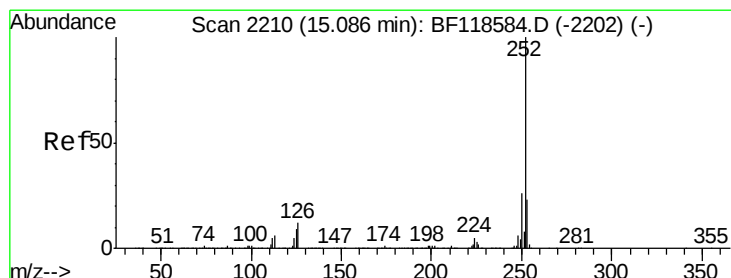
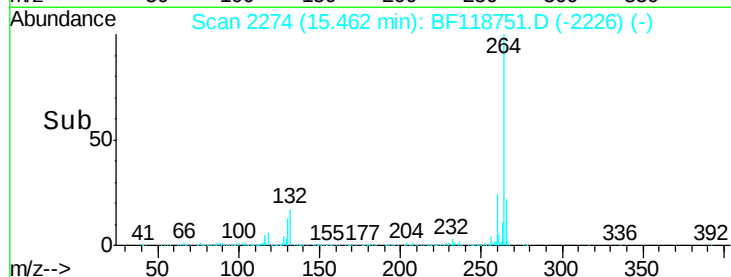
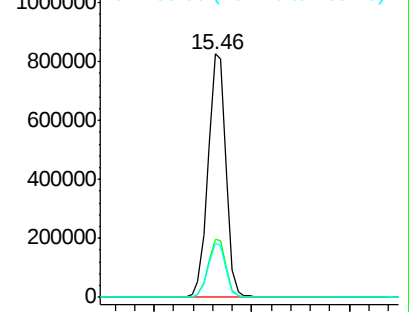
2/3/2020 7:56:57 AM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.948 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

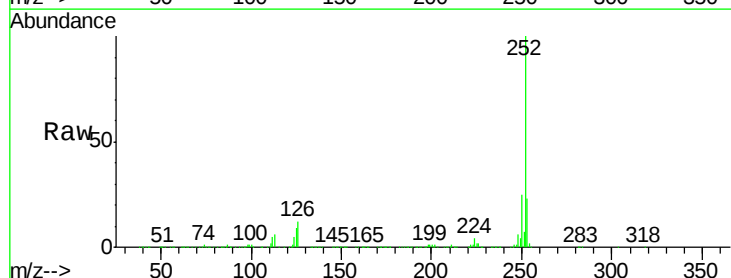
Tgt Ion:252 Resp: 2417602

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

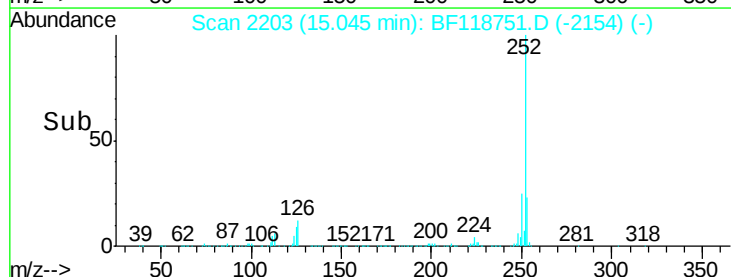
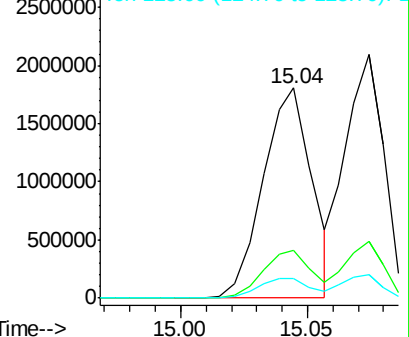
125 9.4 7.7 11.5

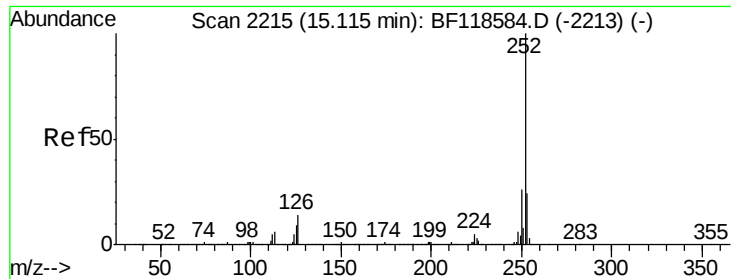


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





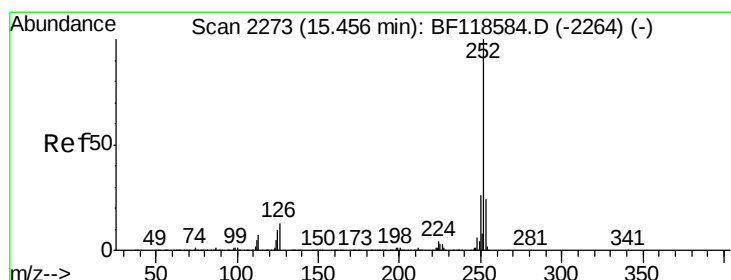
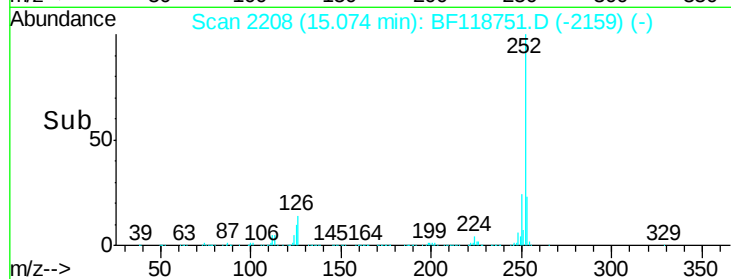
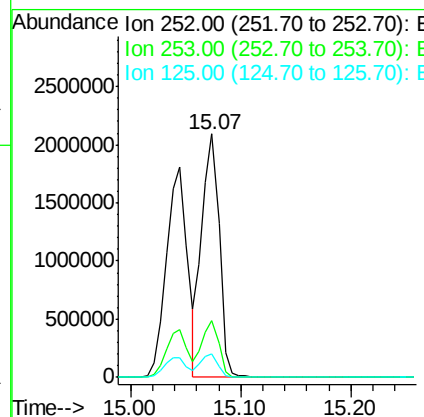
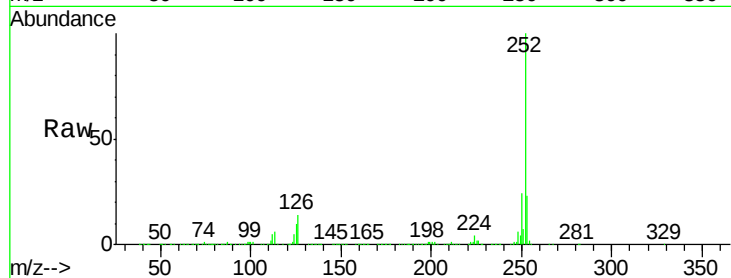
#89
Benzo(k)fluoranthene
Concen: 37.103 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Tot Ion:252 Resp: 2249186
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 9.7 8.1 12.1

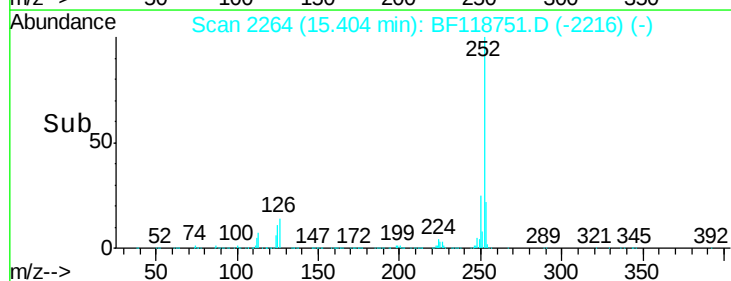
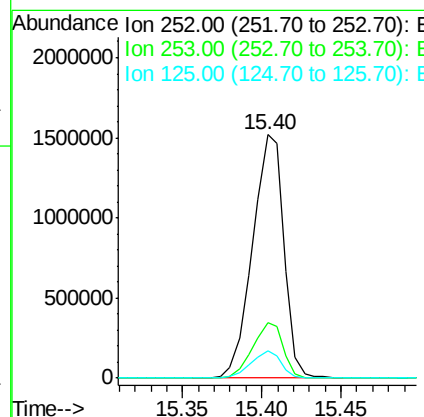
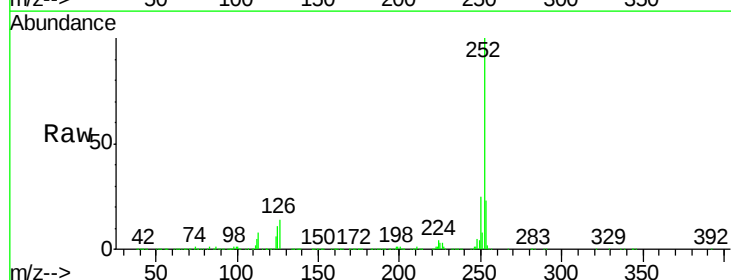
Manual Integrations
APPROVED

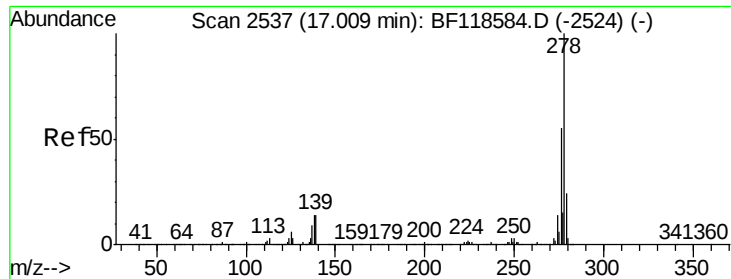
mohammad
2/3/2020 7:56:57 AM



#90
Benzo(a)pyrene
Concen: 36.913 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:252 Resp: 2083513
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 11.2 8.3 12.5





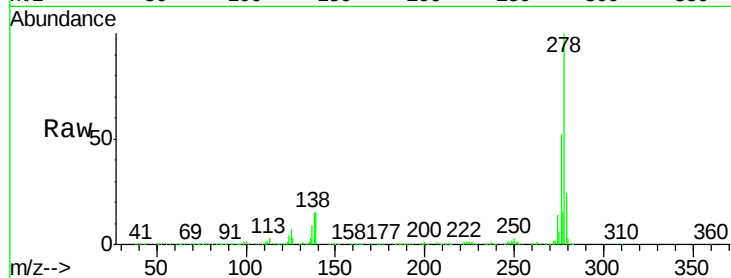
#91
Dibenzo(a,h)anthracene
Concen: 37.006 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126458BS

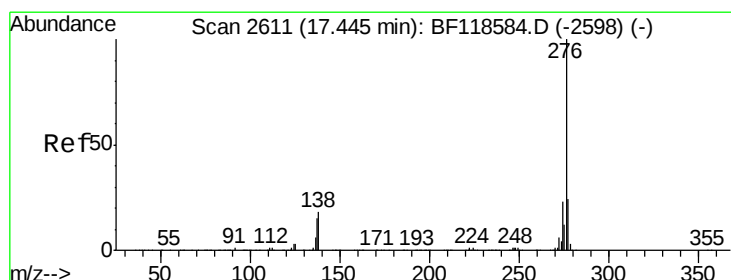
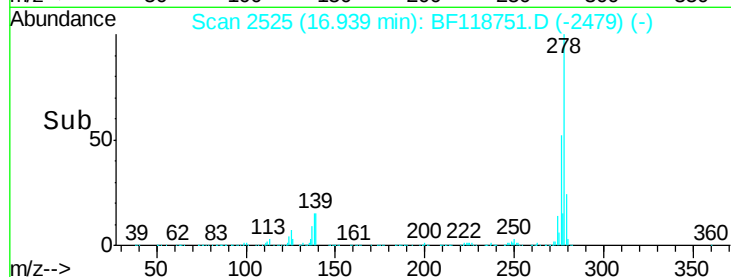
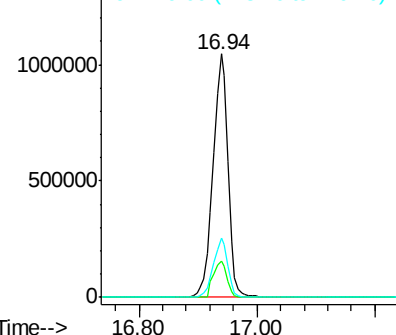
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.6
279	24.2	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:57 AM

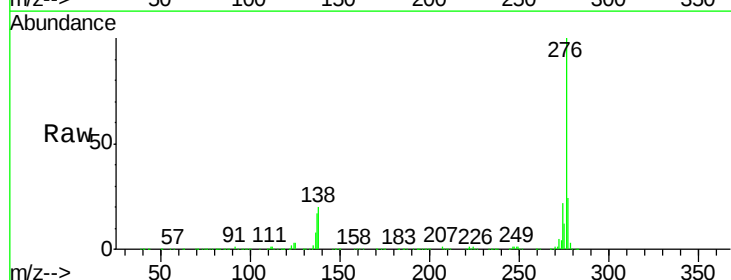


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.041 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	20.1	15.4	23.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

