

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
 Data File : BF118515.D
 Acq On : 10 Jan 2020 15:06
 Operator : JU
 Sample : PB126016BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126016BS

Manual Integrations
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mohammad
 1/13/2020 2:21:38 PM

Quant Time: Jan 11 03:05:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87358	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	283207	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	169755	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	307703	20.00	ng	0.00
76) Chrysene-d12	14.03	240	194003	20.00	ng	0.00
87) Perylene-d12	15.52	264	105099	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	604034	114.14	ng	0.01
7) Phenol-d6	6.47	99	730789	115.50	ng	0.00
23) Nitrobenzene-d5	7.40	82	498855	92.53	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	241191	120.41	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1021248	86.28	ng	0.00
79) Terphenyl-d14	12.97	244	1199527	97.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	65428	37.085	ng	99
3) Pyridine	3.40	79	149446	31.468	ng	96
4) n-Nitrosodimethylamine	3.35	42	89098	37.439	ng	93
6) Aniline	6.49	93	246359	31.317	ng	# 51
8) 2-Chlorophenol	6.62	128	240695	41.599	ng	98
9) Benzaldehyde	6.38	77	123534	35.072	ng	98
10) Phenol	6.49	94	290071	41.375	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	208092	41.633	ng	97
12) 1,3-Dichlorobenzene	6.77	146	267418	39.536	ng	96
13) 1,4-Dichlorobenzene	6.85	146	281784	40.830	ng	98
14) 1,2-Dichlorobenzene	7.00	146	271050	40.642	ng	98
15) Benzyl Alcohol	6.98	79	218173	42.511	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	218796	39.461	ng	75
17) 2-Methylphenol	7.09	107	202658	42.619	ng	98
18) Hexachloroethane	7.34	117	103008	39.391	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	164455	40.357	ng	99
20) 3+4-Methylphenols	7.25	107	264156	40.953	ng	# 75
22) Acetophenone	7.25	105	341277	47.540	ng	99
24) Nitrobenzene	7.42	77	259478	48.404	ng	98
25) Isophorone	7.66	82	425215	49.233	ng	99
26) 2-Nitrophenol	7.74	139	132991	50.246	ng	93
27) 2,4-Dimethylphenol	7.77	122	211921	59.538	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	288720	50.847	ng	99
29) 2,4-Dichlorophenol	7.99	162	224927	54.121	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	253289	52.473	ng	99
31) Naphthalene	8.14	128	601224	40.585	ng	99
32) Benzoic acid	7.93	122	131380	52.841	ng	98
33) 4-Chloroaniline	8.19	127	129706	21.268	ng	97
34) Hexachlorobutadiene	8.25	225	116740	39.400	ng	97
35) Caprolactam	8.57	113	60550m	48.366	ng	
36) 4-Chloro-3-methylphenol	8.69	107	218917	48.997	ng	96
37) 2-Methylnaphthalene	8.83	142	542103	53.319	ng	98
38) 1-Methylnaphthalene	8.93	142	504523	52.853	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	194027	37.200	ng	98

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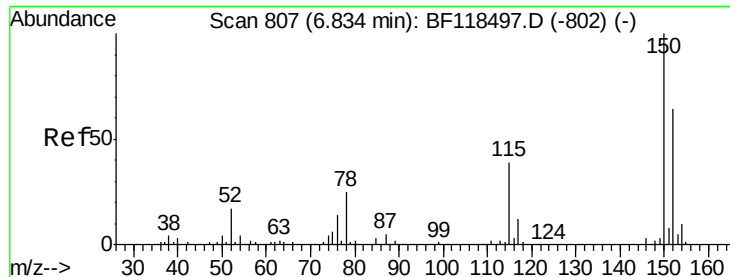
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	92997	67.794	ng	96
43) 2,4,6-Trichlorophenol	9.12	196	148484	46.069	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	149147	44.718	ng	93
46) 1,1'-Biphenyl	9.30	154	611579	44.093	ng	98
47) 2-Chloronaphthalene	9.33	162	489347	44.575	ng	97
48) 2-Nitroaniline	9.43	65	137379	43.305	ng	95
49) Acenaphthylene	9.75	152	632753	38.721	ng	100
50) Dimethylphthalate	9.60	163	589167	45.220	ng	100
51) 2,6-Dinitrotoluene	9.67	165	125804	44.838	ng #	85
52) Acenaphthene	9.92	154	382737	38.354	ng	98
53) 3-Nitroaniline	9.85	138	79654	24.236	ng	94
54) 2,4-Dinitrophenol	9.96	184	83820	69.193	ng	100
55) Dibenzofuran	10.09	168	593737	39.614	ng	100
56) 4-Nitrophenol	10.03	139	125869	78.875	ng	98
57) 2,4-Dinitrotoluene	10.09	165	145698	38.782	ng	95
58) Fluorene	10.43	166	544116	45.165	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	117832	41.776	ng	98
60) Diethylphthalate	10.30	149	563473	42.484	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	272031	45.192	ng	96
62) 4-Nitroaniline	10.47	138	112908	35.085	ng	96
63) Azobenzene	10.59	77	509625	45.216	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	80063	49.220	ng	86
66) n-Nitrosodiphenylamine	10.55	169	484473	48.348	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	146614	40.680	ng	94
68) Hexachlorobenzene	10.99	284	174772	40.608	ng #	93
69) Atrazine	11.07	200	156804	52.663	ng	99
70) Pentachlorophenol	11.19	266	131229	92.424	ng	96
71) Phenanthrene	11.40	178	663407	38.487	ng	100
72) Anthracene	11.46	178	697141	40.654	ng	99
73) Carbazole	11.61	167	622279	41.891	ng	99
74) Di-n-butylphthalate	11.93	149	931550	47.006	ng	99
75) Fluoranthene	12.60	202	741155	42.304	ng	99
77) Benzidine	12.72	184	166328	35.313	ng	97
78) Pyrene	12.83	202	775767	48.602	ng	100
80) Butylbenzylphthalate	13.44	149	339262	46.411	ng	94
81) Benzo(a)anthracene	14.02	228	525923	38.730	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	127253	28.818	ng	99
83) Chrysene	14.06	228	516289	39.126	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	408332	41.141	ng	99
85) Di-n-octyl phthalate	14.61	149	702365	49.336	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	493739	46.476	ng	99
88) Benzo(b)fluoranthene	15.09	252	475526	62.582	ng	99
89) Benzo(k)fluoranthene	15.12	252	461593	63.643	ng	98
90) Benzo(a)pyrene	15.46	252	278943	44.796	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	410816	70.359	ng	99
92) Benzo(g,h,i)perylene	17.48	276	415612	75.124	ng	98

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



#1

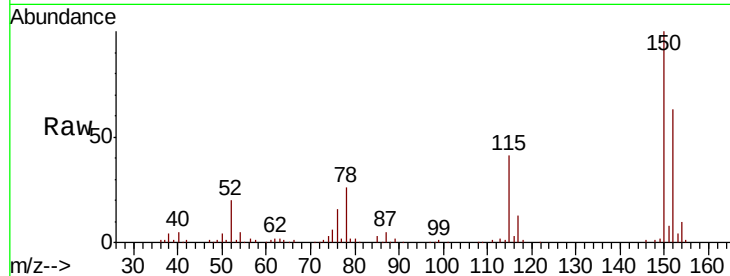
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.7	187.1
115	64.9	49.0	73.6

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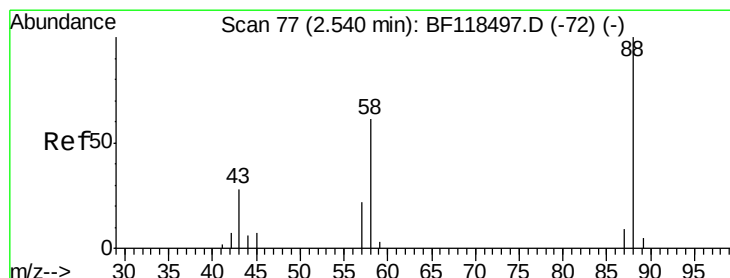
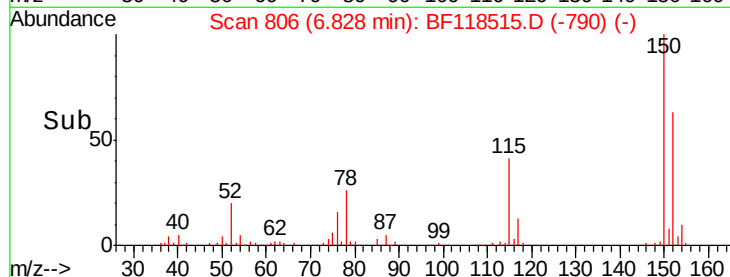
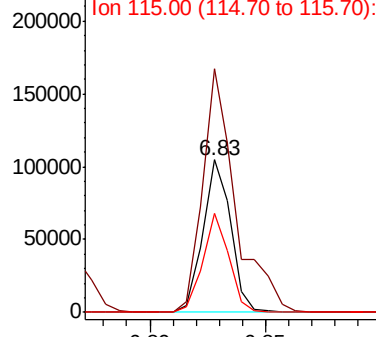


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

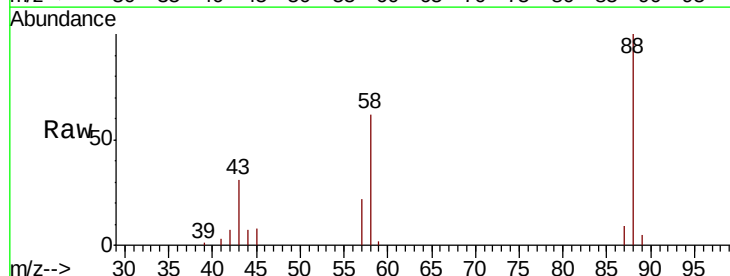
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.085 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.10 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.7	48.3	72.5
43	31.2	23.4	35.0

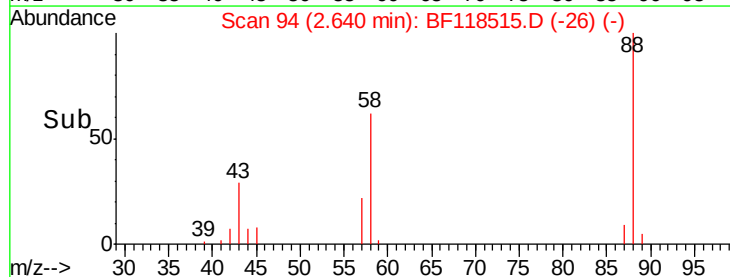
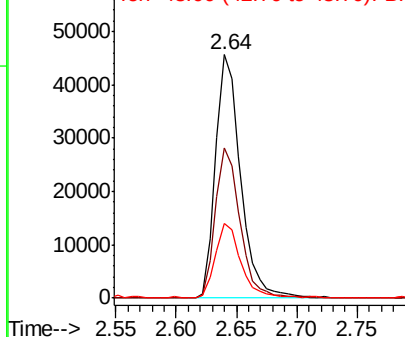


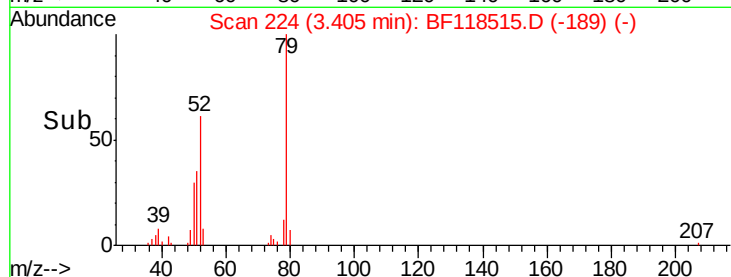
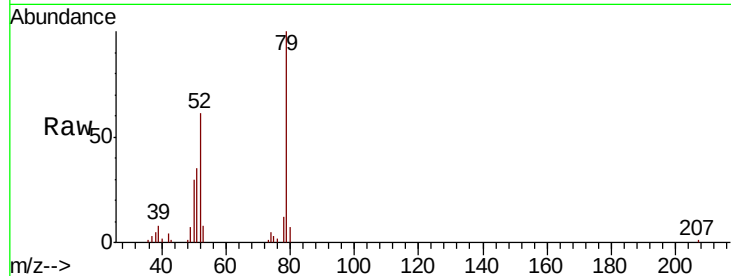
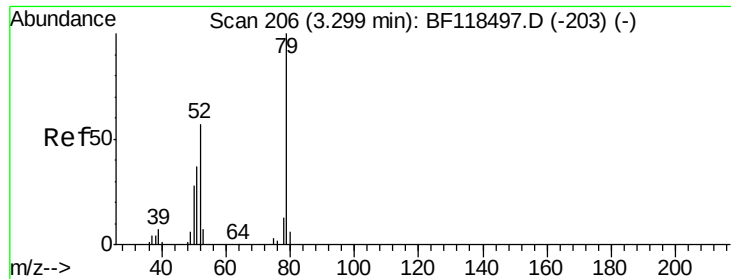
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





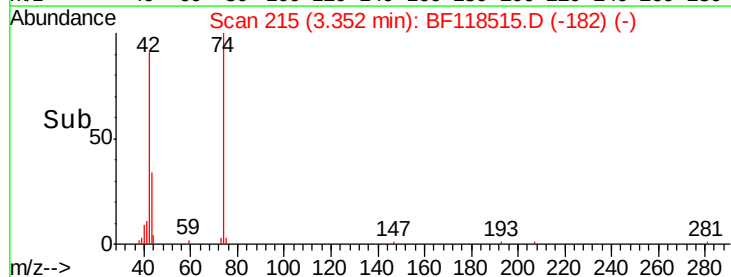
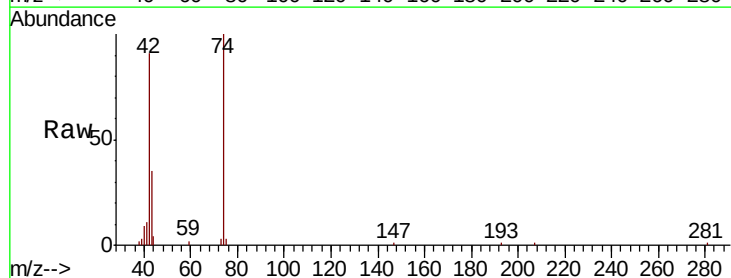
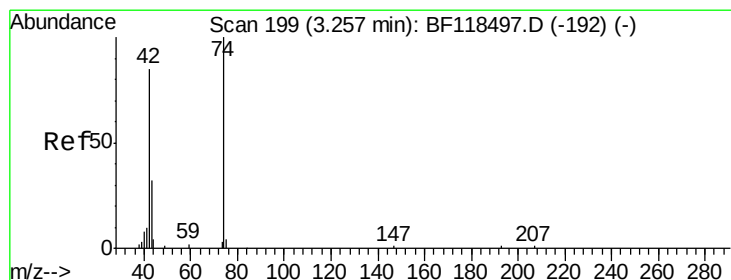
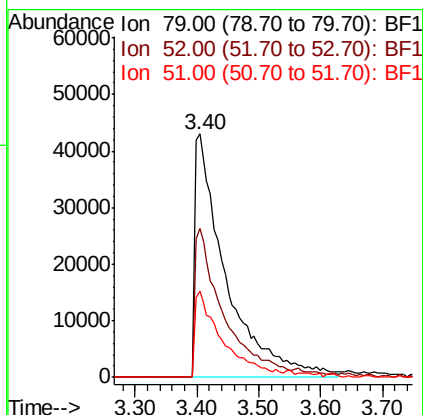
#3
Pvridine
Concen: 31.468 ng
RT: 3.40 min Scan# 224
Delta R.T. 0.11 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tot Ion	Ratio	Resp	Lower	Upper
79	100	149446		
52	61.3		45.9	68.9
51	35.4		29.8	44.6

Instrument :
BNA_F
ClientSampleId :
PB126016BS

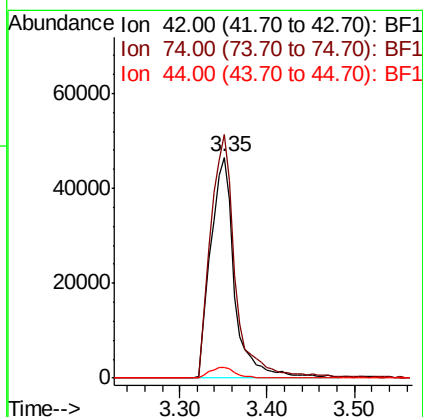
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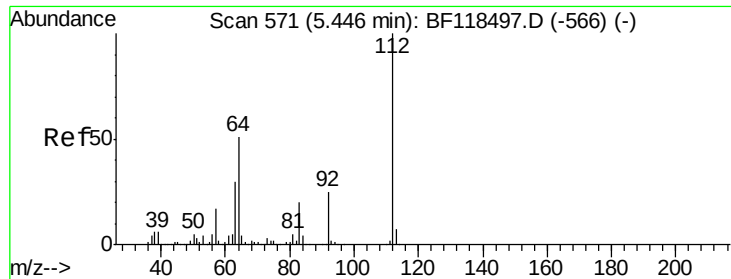
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#4
n-Nitrosodimethylamine
Concen: 37.439 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.09 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	89098		
74	110.1		94.1	141.1
44	4.8		4.1	6.1





#5

2-Fluorophenol

Concen: 114.140 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Instrument :

BNA_F

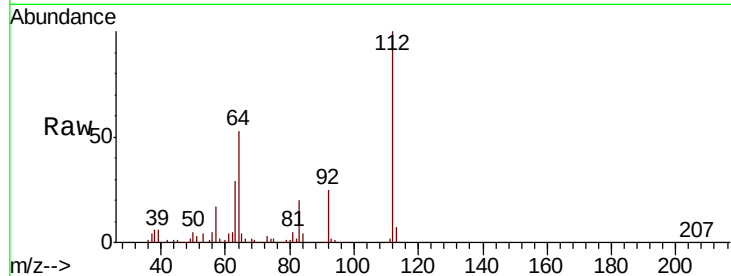
ClientSampleId :

PB126016BS

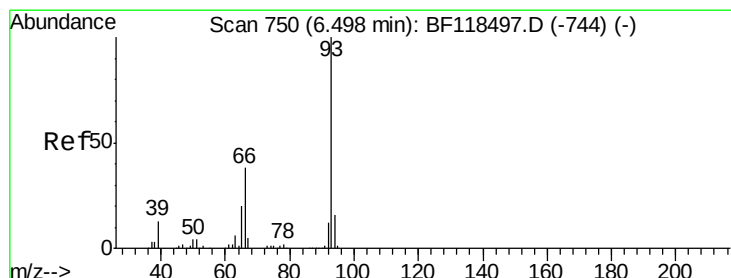
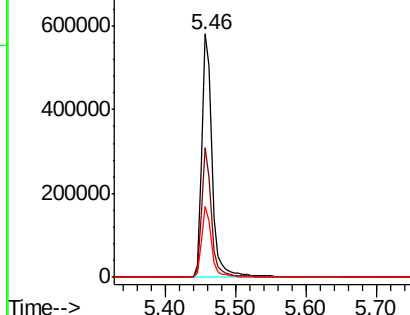
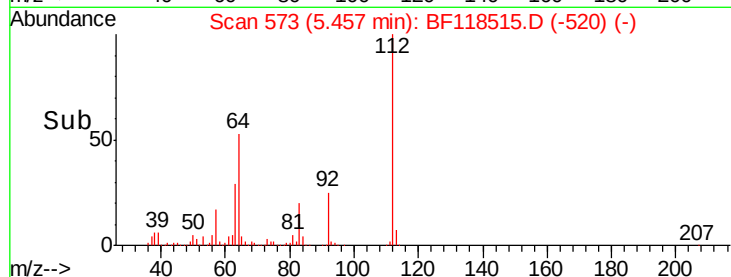
Tot Ion	Ratio	Resp	Lower	Upper
112	100	604034		
64	53.1		41.1	61.7
63	29.3		24.1	36.1

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.317 ng

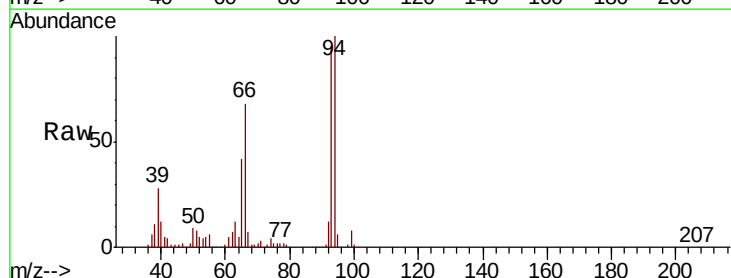
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

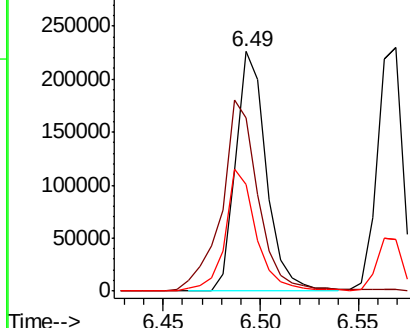
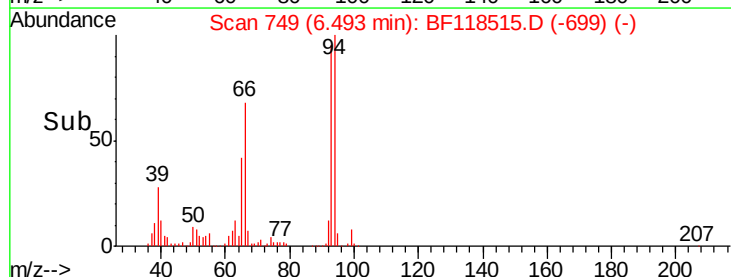
Lab File: BF118515.D

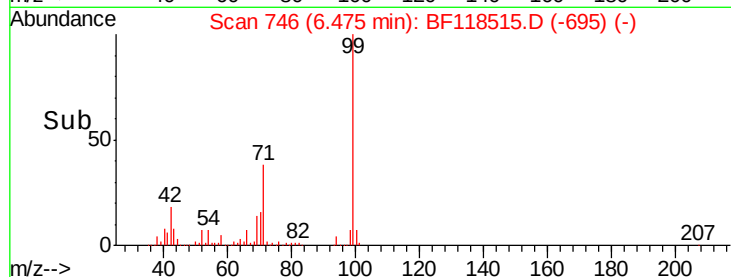
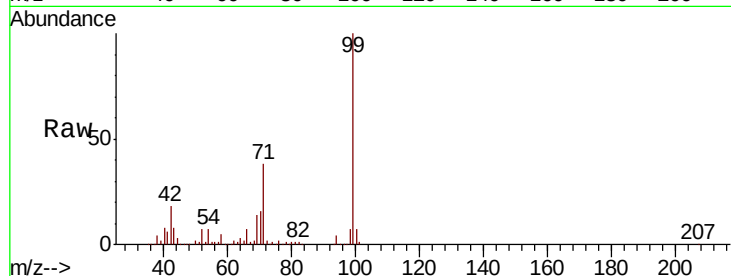
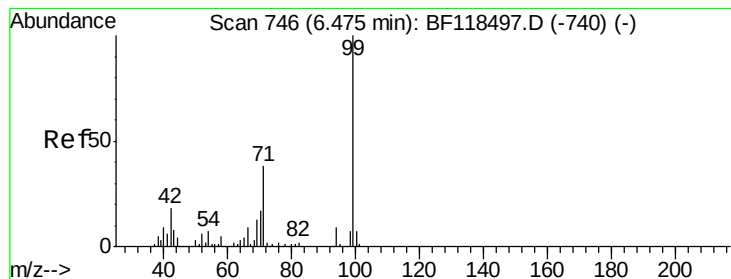
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	246359		
66	72.3		33.4	50.0#
65	44.4		16.7	25.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.505 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Tot Ion:	99	Resp:	730789
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.5	21.7
71	37.6	30.6	45.8

Instrument :

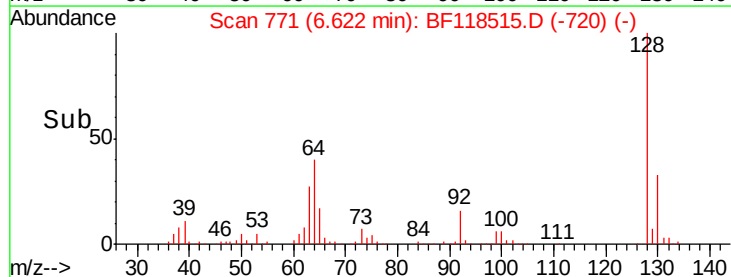
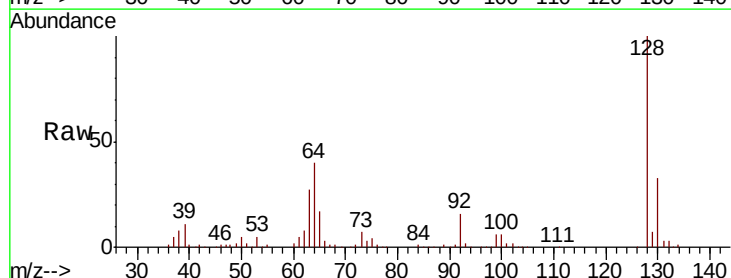
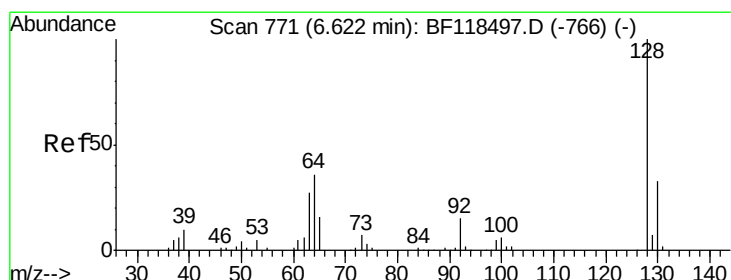
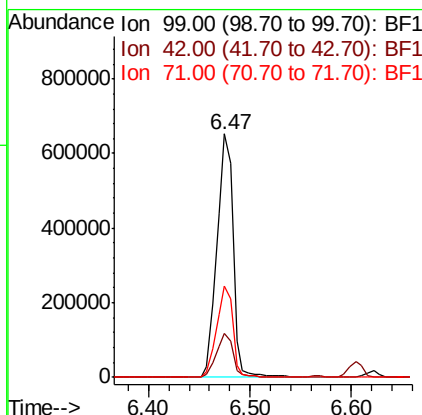
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 41.599 ng

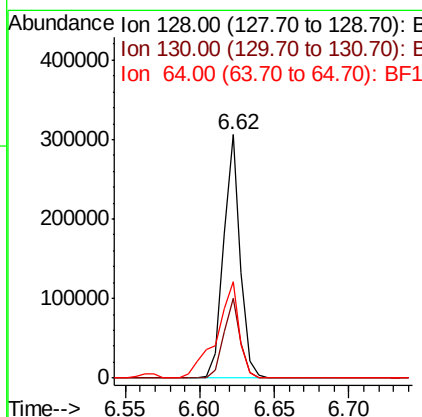
RT: 6.62 min Scan# 771

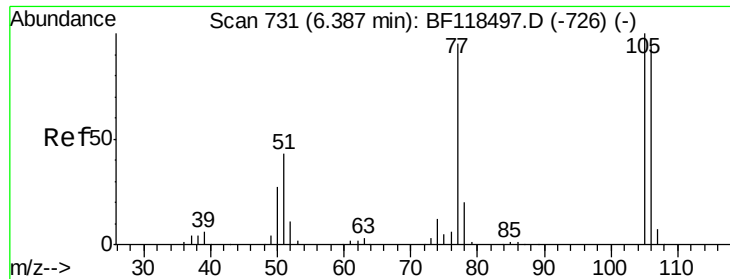
Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Tgt Ion:	128	Resp:	240695
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.7	52.7
64	39.7	17.8	57.8





#9

Benzaldehyde

Concen: 35.072 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Instrument :

BNA_F

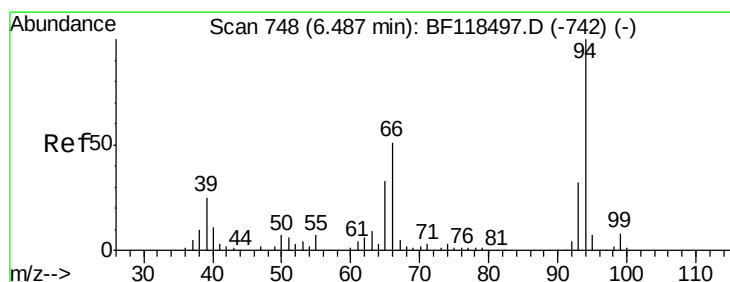
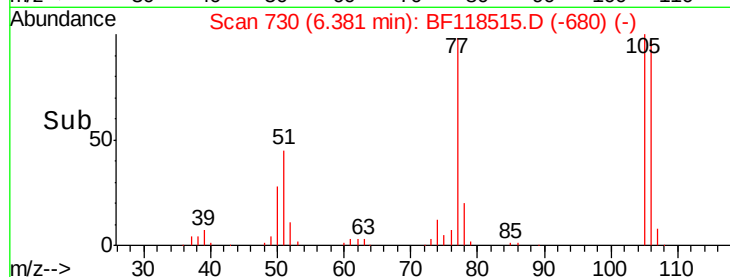
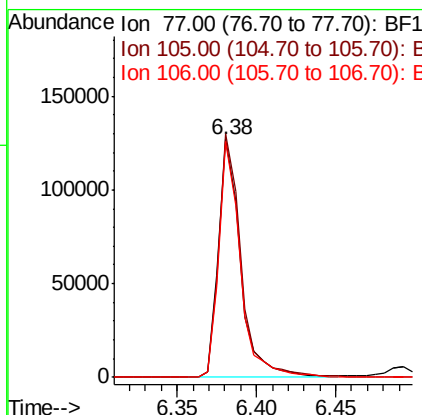
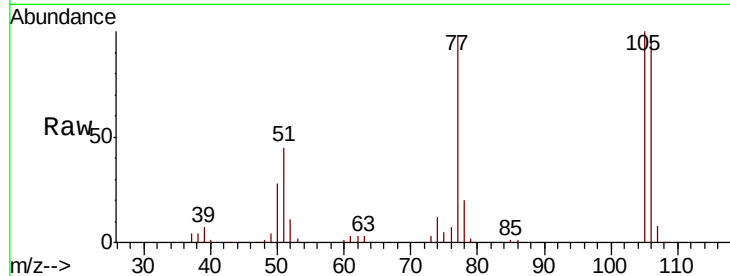
ClientSampleId :

PB126016BS

Tot Ion:	77	Resp:	123534
Ion	Ratio	Lower	Upper
77	100		
105	102.2	85.4	125.4
106	99.0	79.5	119.5

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#10

Phenol

Concen: 41.375 ng

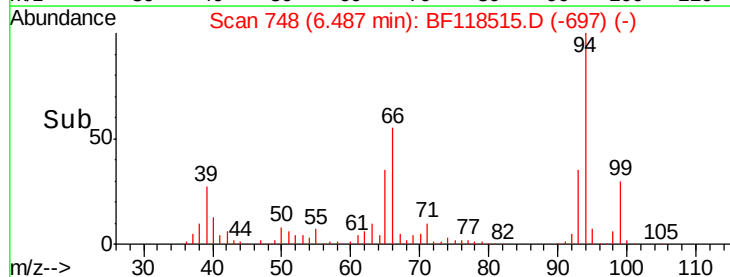
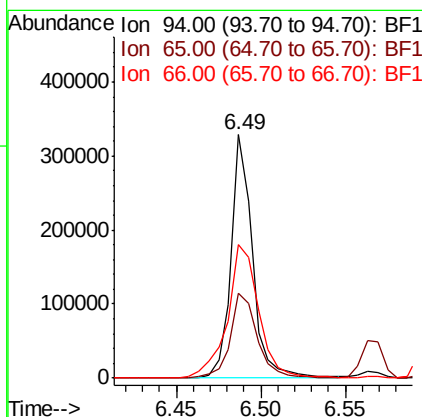
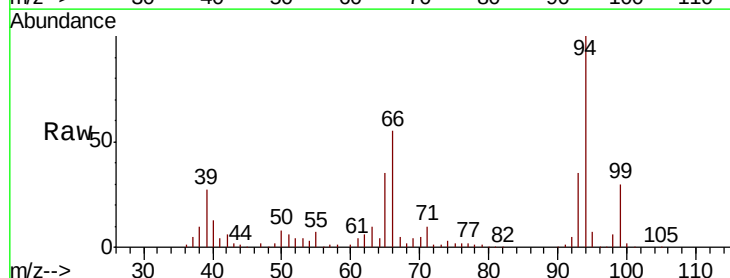
RT: 6.49 min Scan# 748

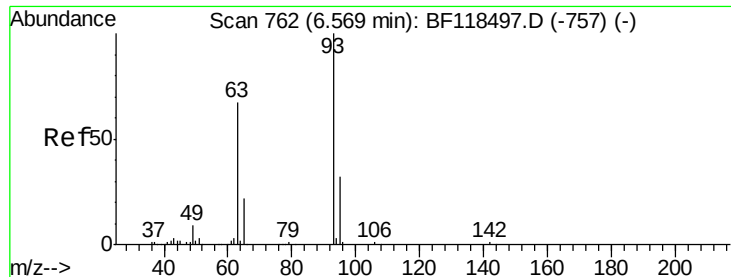
Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Tgt Ion:	94	Resp:	290071
Ion	Ratio	Lower	Upper
94	100		
65	35.0	13.3	53.3
66	54.7	30.9	70.9





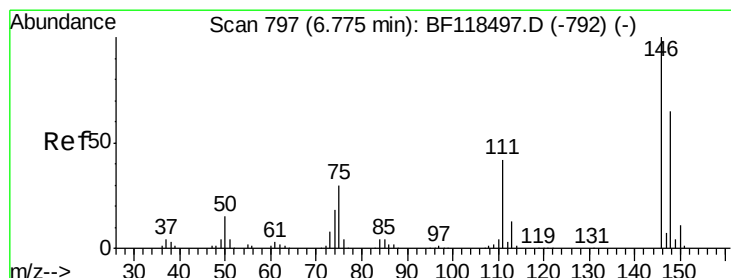
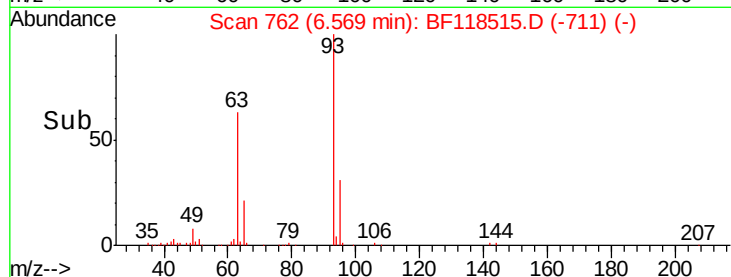
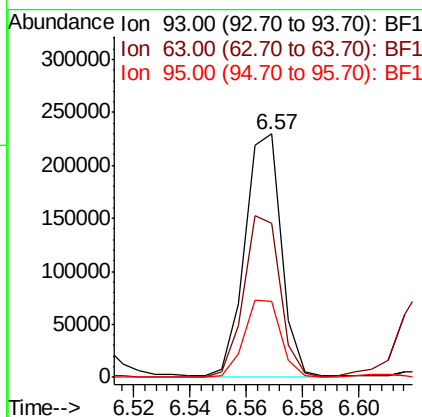
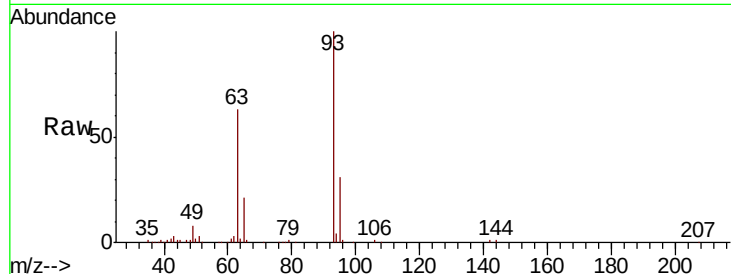
#11
bis(2-Chloroethyl)ether
Concen: 41.633 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	208092		
63	63.3	46.6	86.6	
95	31.4	11.5	51.5	

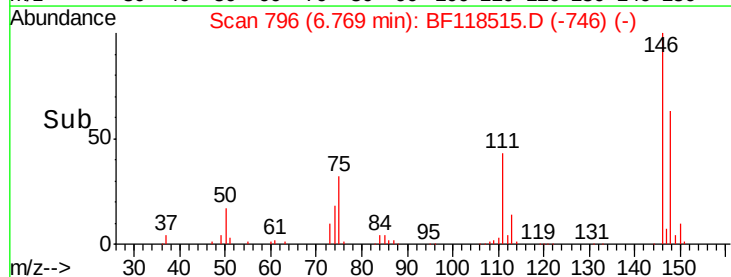
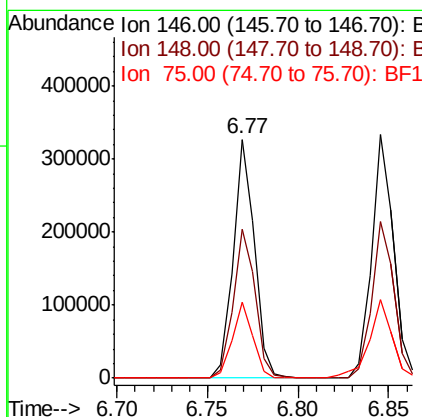
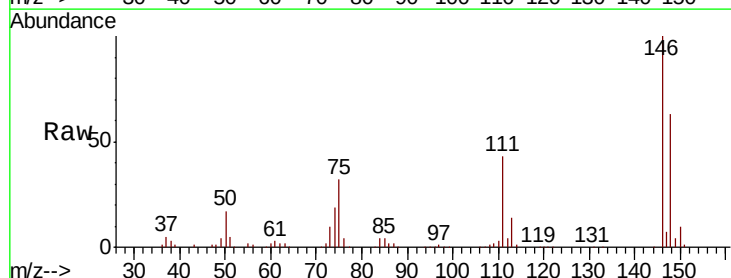
Manual Integrations
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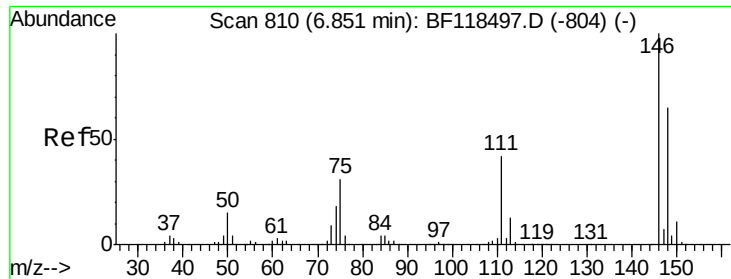
mohammad
1/13/2020 2:21:38 PM



#12
1,3-Dichlorobenzene
Concen: 39.536 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	267418		
148	62.6	52.4	78.6	
75	32.0	24.1	36.1	





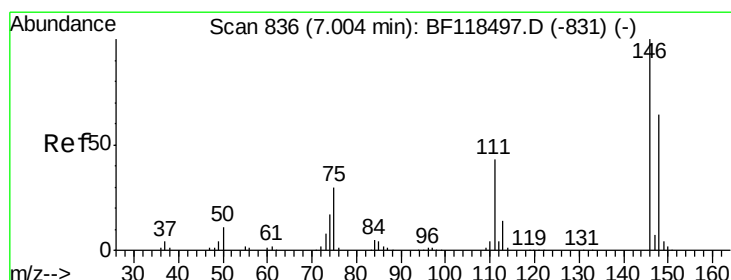
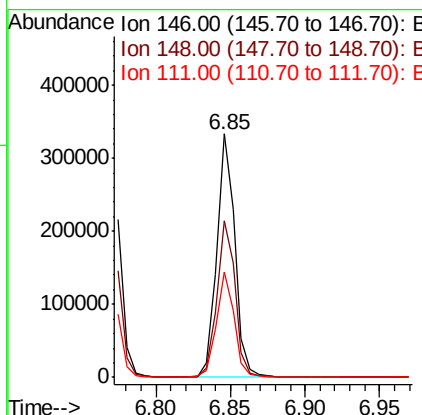
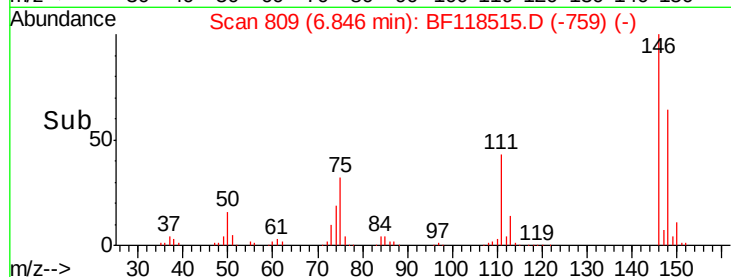
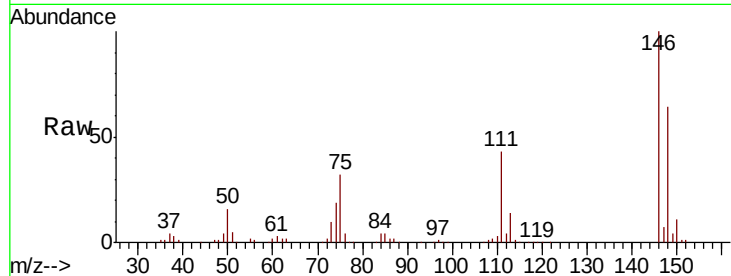
#13
1,4-Dichlorobenzene
Concen: 40.830 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	43.3	33.2	49.8

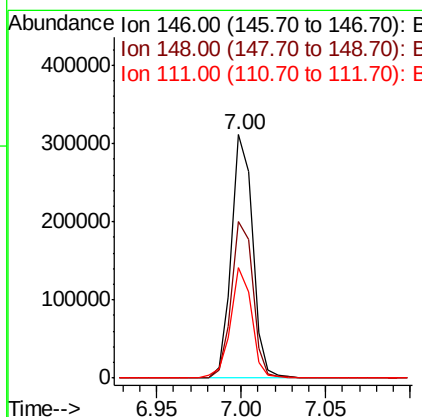
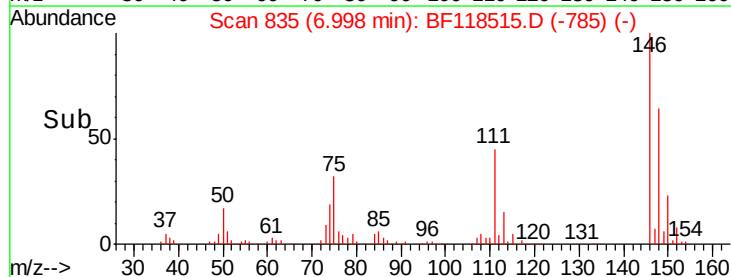
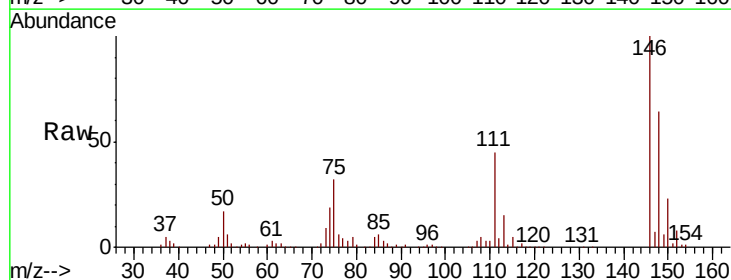
Manual Integrations
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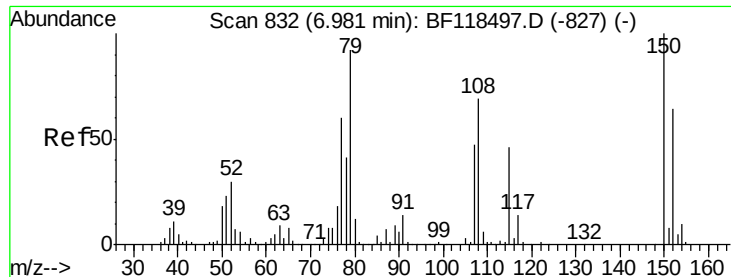
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.642 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
111	45.5	34.7	52.1





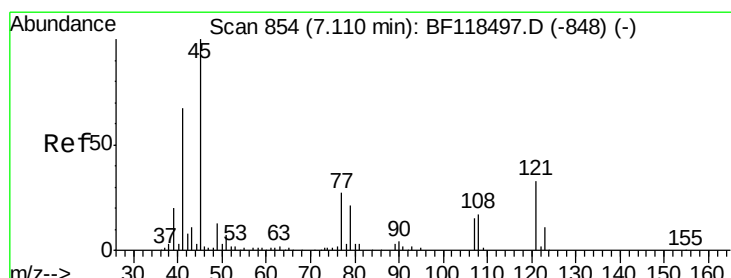
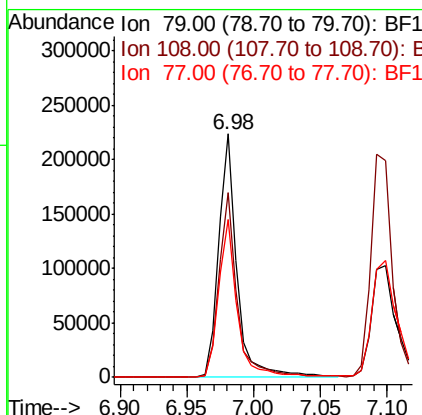
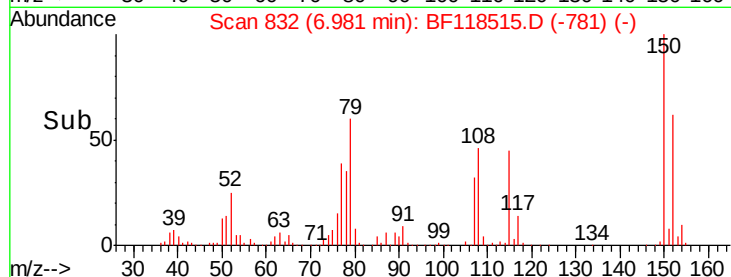
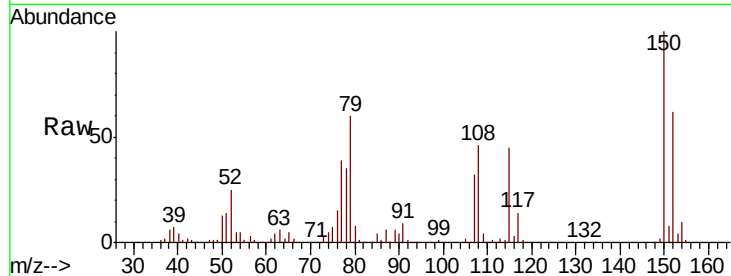
#15
Benzyl Alcohol
Concen: 42.511 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	60.2	90.2
77	64.8	51.8	77.8

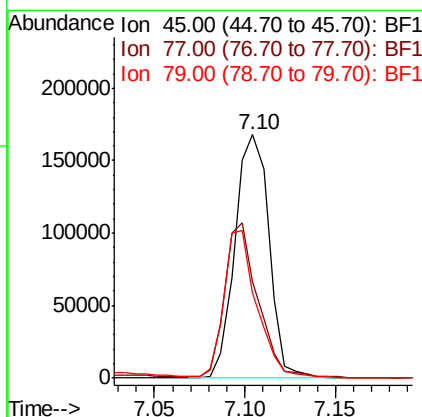
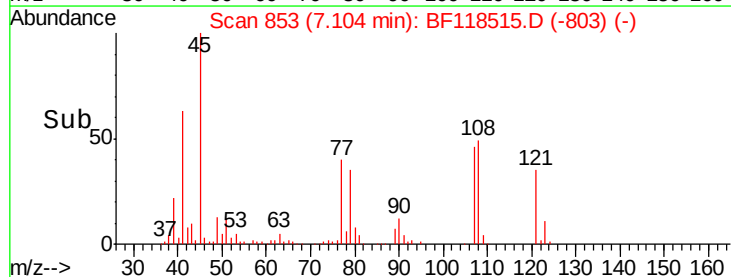
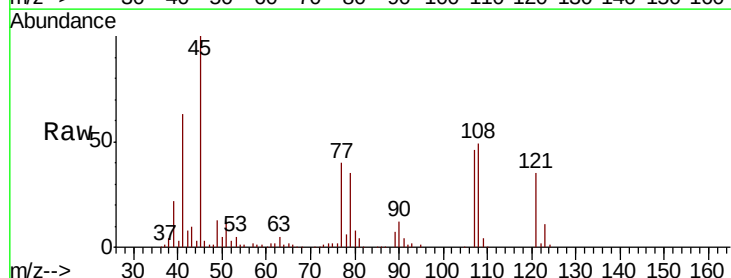
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APPROVED

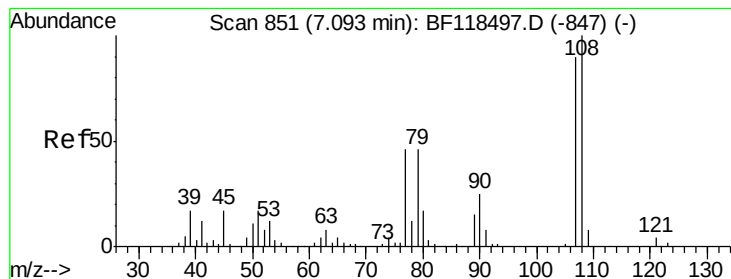
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.461 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.6	7.6	47.6
79	34.7	2.0	42.0





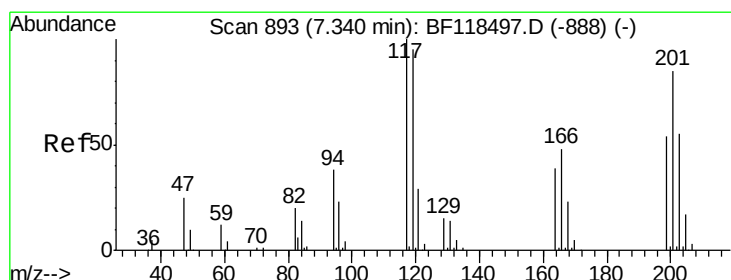
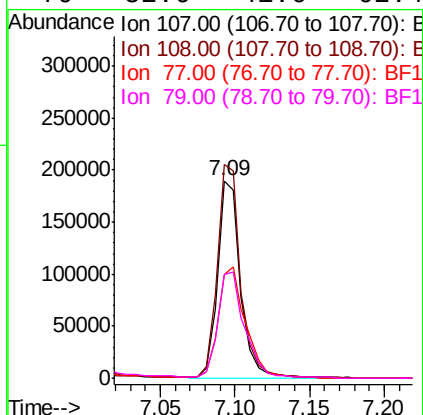
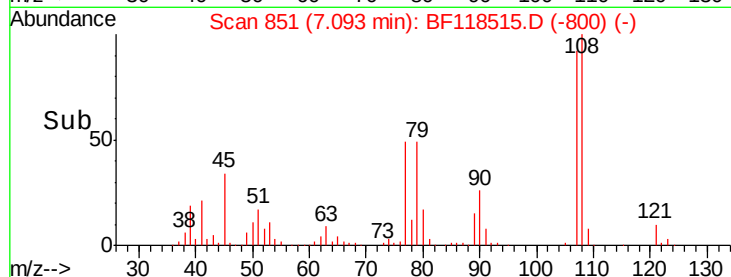
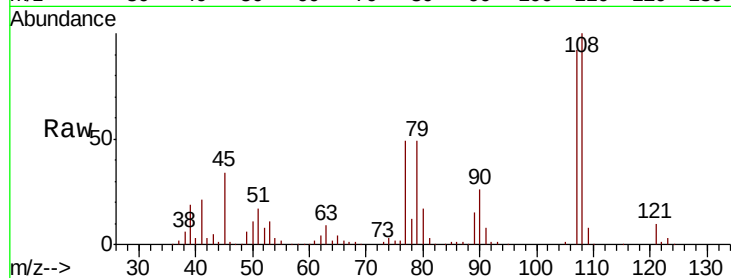
#17
2-Methylphenol
Concen: 42.619 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	88.9	133.3	
77	52.6	41.2	61.8	
79	52.6	41.6	62.4	

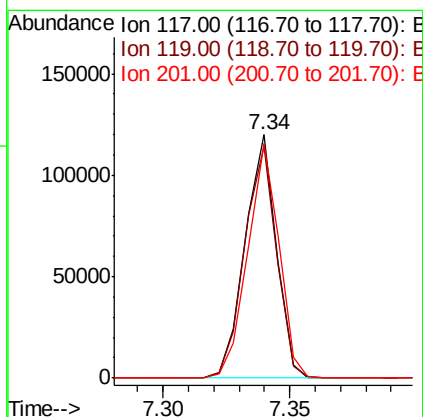
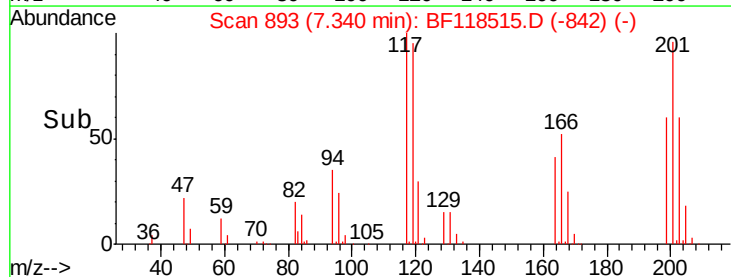
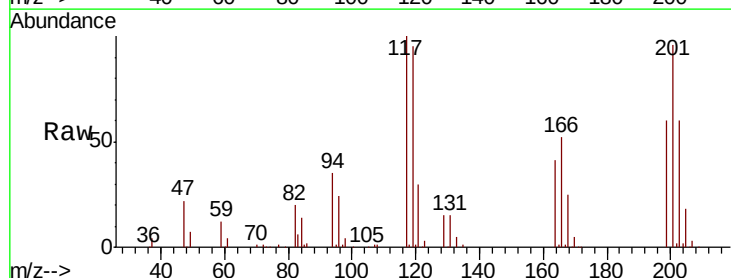
Manual Integrations
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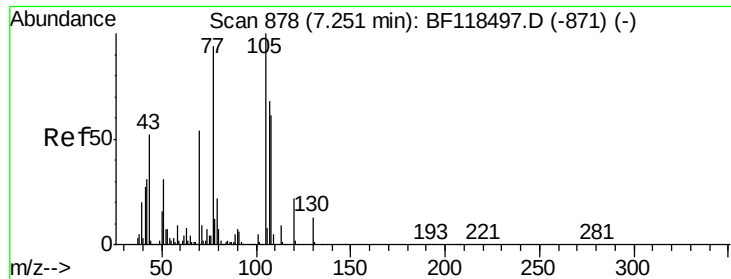
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#18
Hexachloroethane
Concen: 39.391 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.2	114.4	
201	96.4	67.7	101.5	





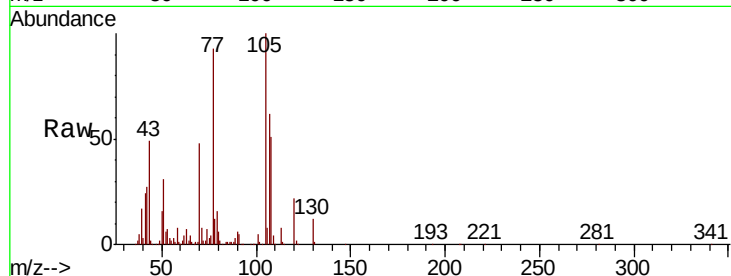
#19
n-Nitroso-di-n-propylamine
Concen: 40.357 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		164455		
42	56.7	45.6	68.4		
101	9.3	8.2	12.2		
130	24.7	19.2	28.8		

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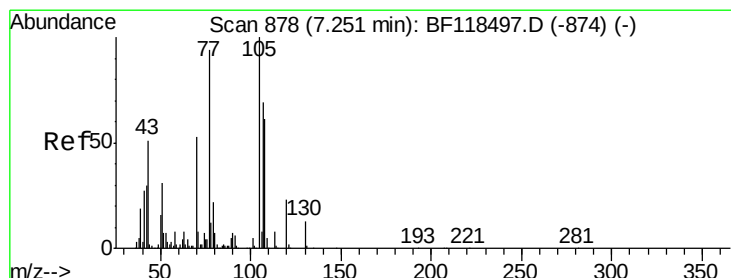
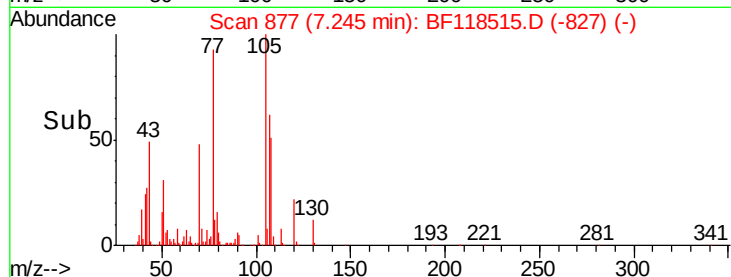
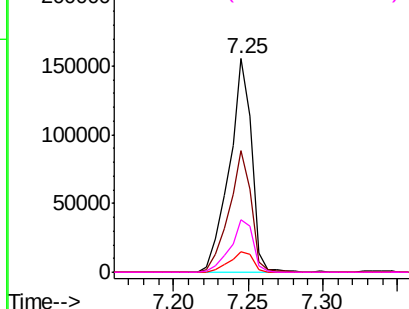
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.953 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		264156		
108	89.6	68.9	108.9		
77	82.4	116.8	156.8#		
79	29.9	11.7	51.7		

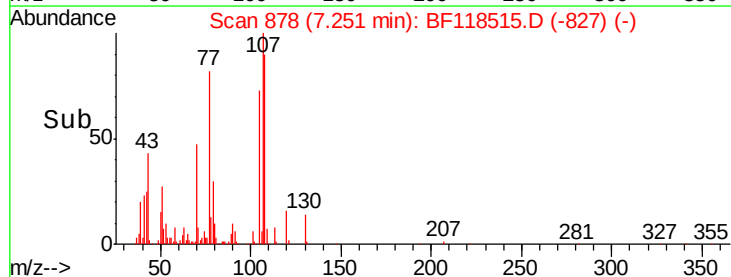
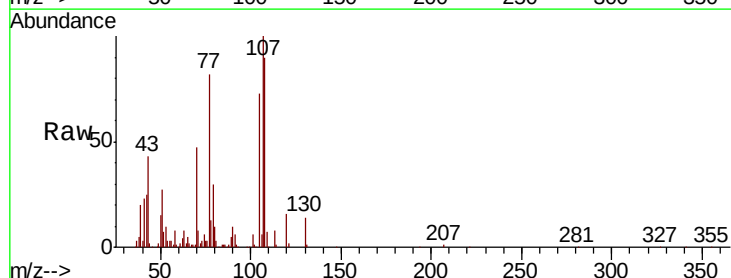
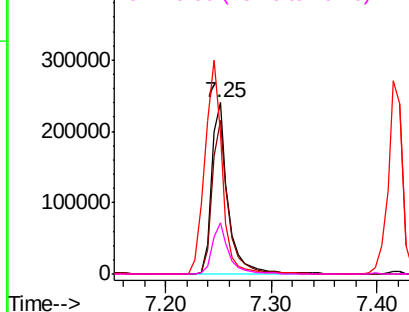
Abundance

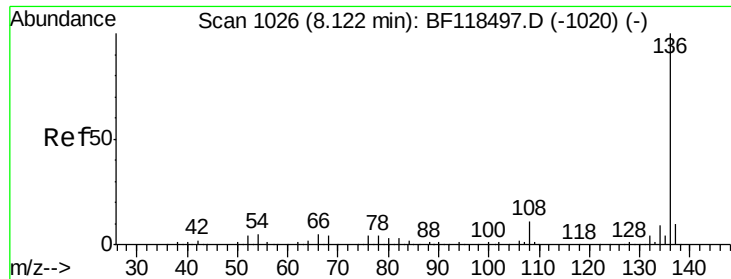
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





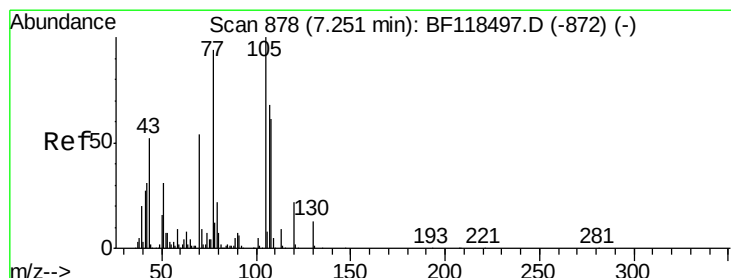
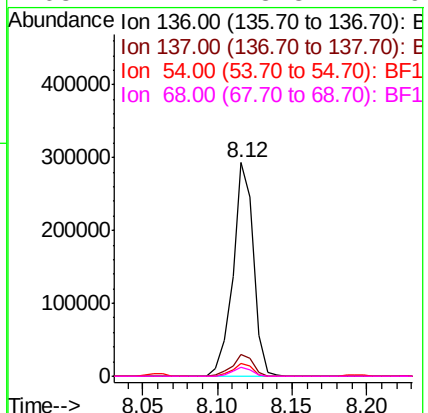
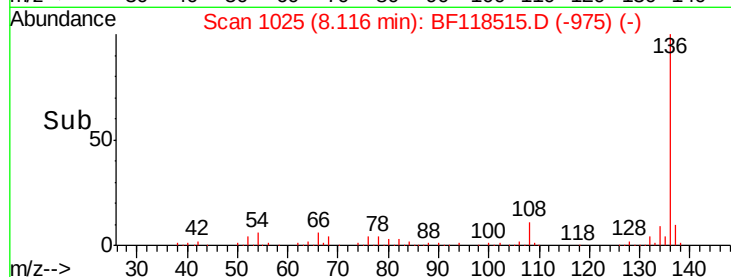
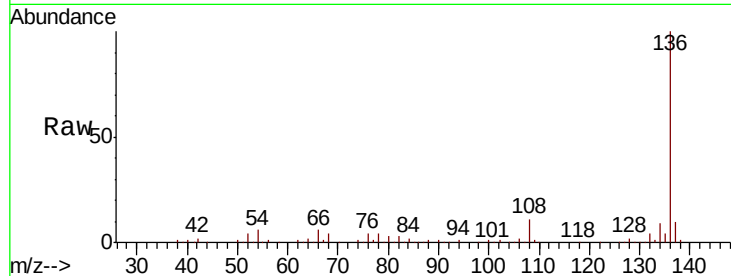
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	283207		
137	10.0	8.3	12.5	
54	5.8	4.2	6.2	
68	4.1	3.3	4.9	

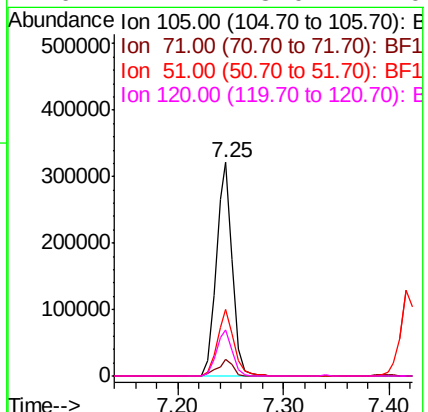
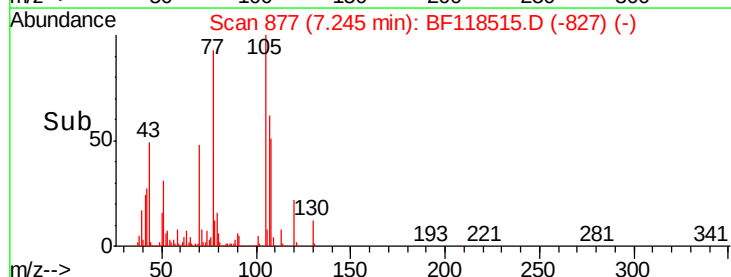
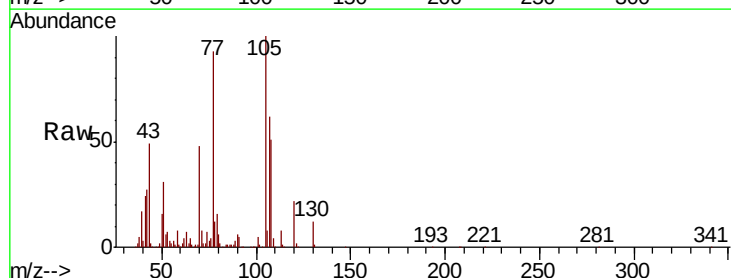
Manual Integrations
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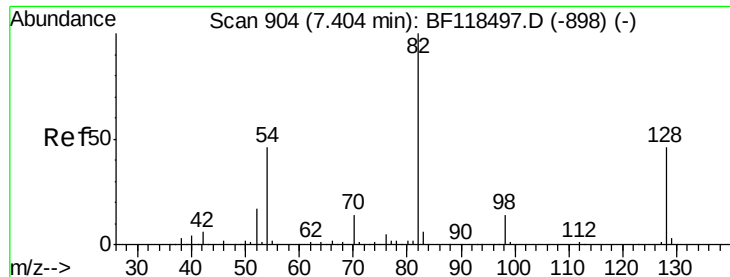
mohammad
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#22
Acetophenone
Concen: 47.540 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	341277		
71	7.7	6.9	10.3	
51	31.3	25.0	37.4	
120	21.7	18.0	27.0	





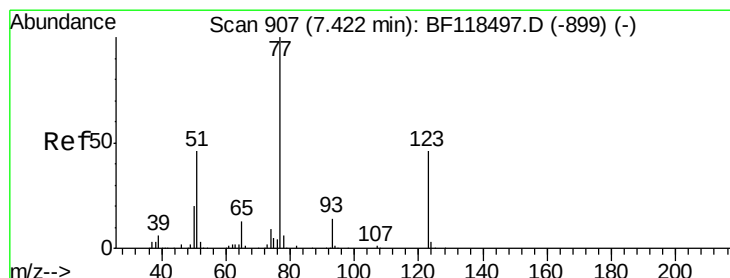
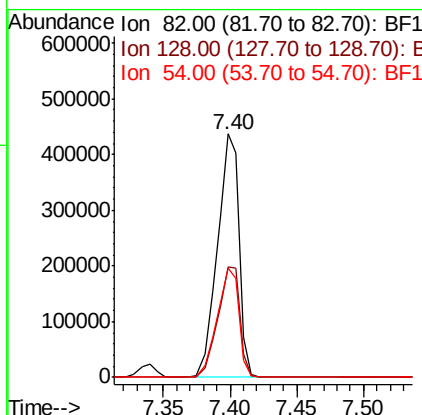
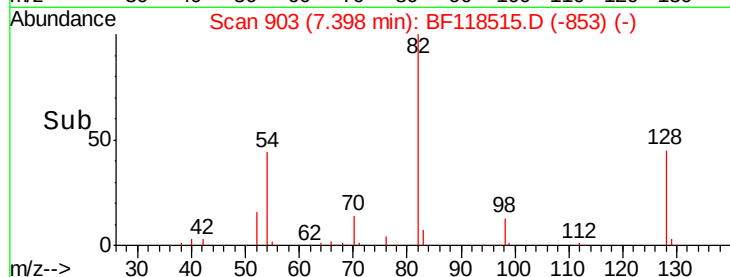
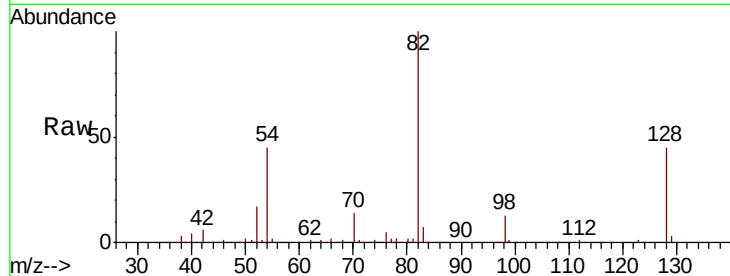
#23
 Nitrobenzene-d5
 Concen: 92.531 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB126016BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	498855		
128	45.2	36.6	54.8	
54	44.9	37.0	55.6	

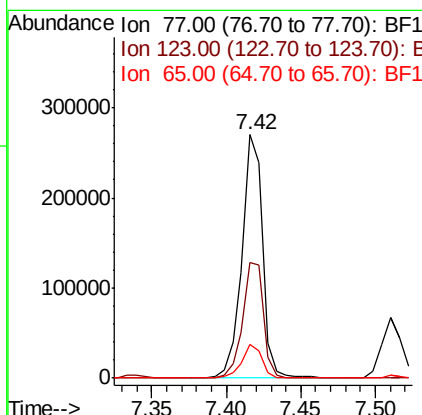
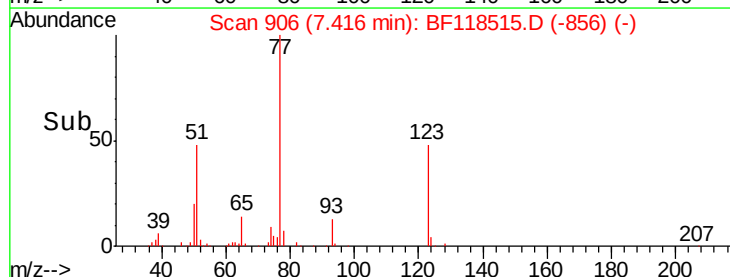
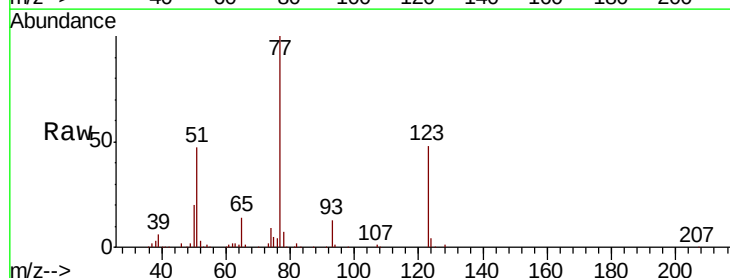
Manual Integrations
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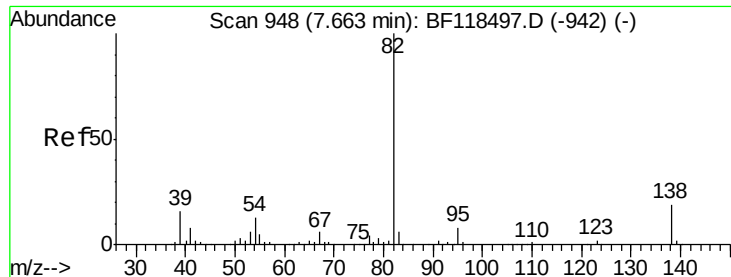
mohammad
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#24
 Nitrobenzene
 Concen: 48.404 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	259478		
123	47.5	37.0	55.4	
65	14.1	10.7	16.1	





#25

Isophorone

Concen: 49.233 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Instrument :

BNA_F

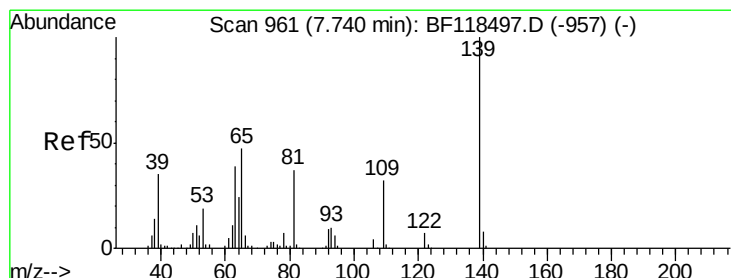
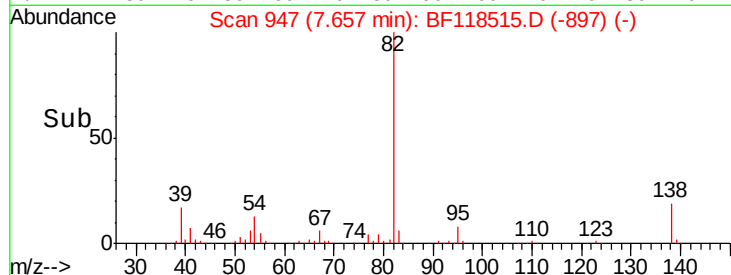
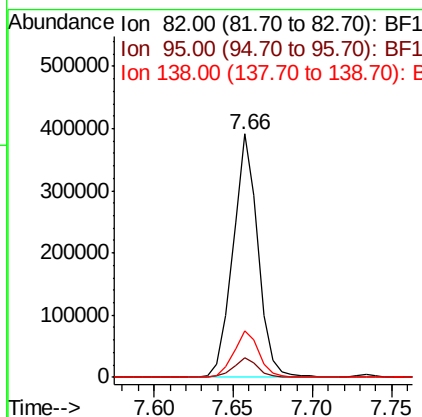
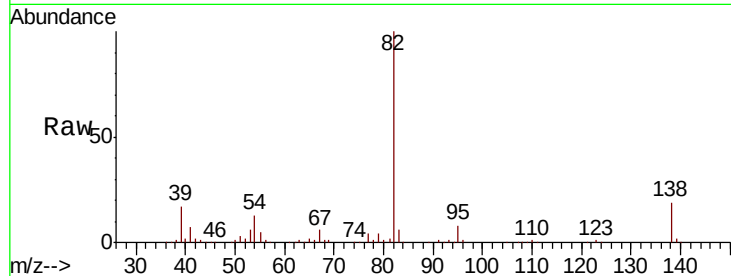
ClientSampleId :

PB126016BS

Tot Ion:	82	Resp:	425215
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.6	9.8
138	18.9	15.4	23.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.246 ng

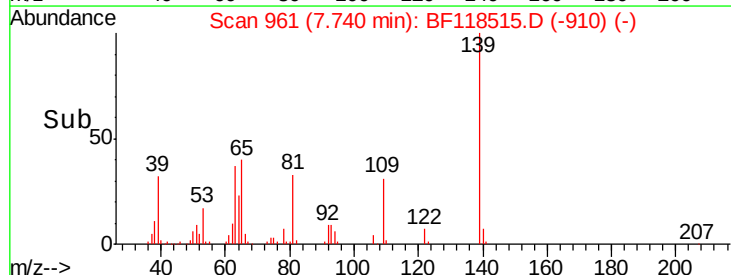
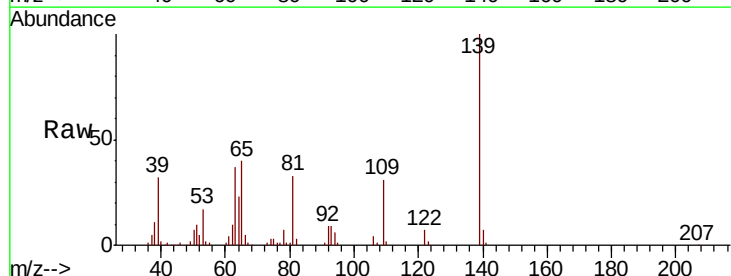
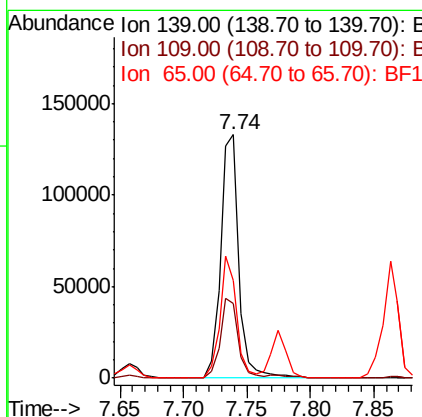
RT: 7.74 min Scan# 961

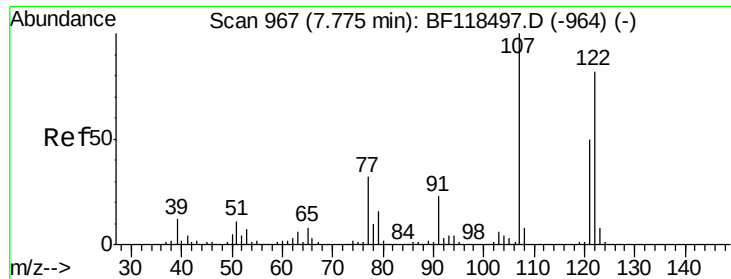
Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Tgt Ion:	139	Resp:	132991
Ion Ratio	Lower	Upper	
139	100		
109	30.8	25.7	38.5
65	40.3	37.8	56.6





#27

2,4-Dimethylphenol

Concen: 59.538 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Instrument :

BNA_F

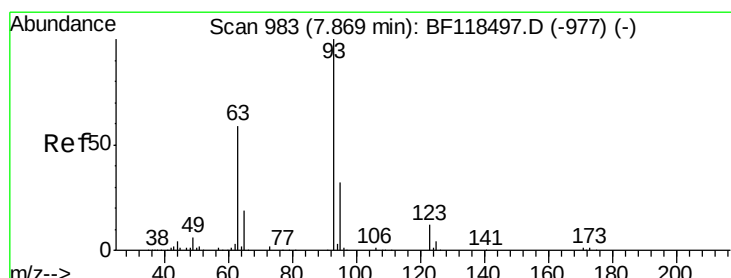
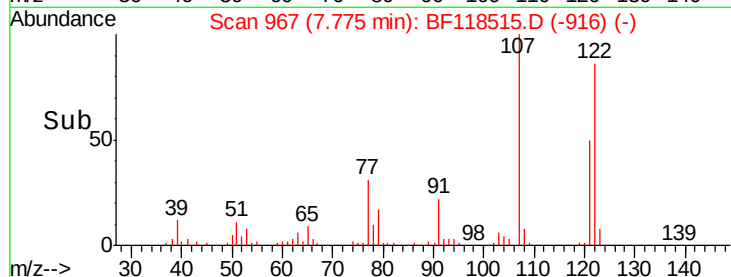
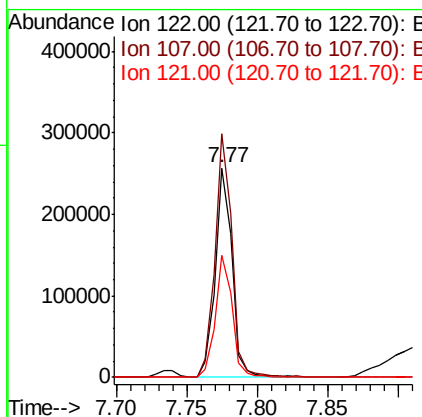
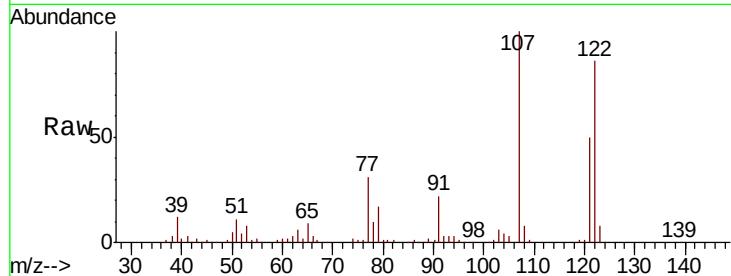
ClientSampleId :

PB126016BS

Tot Ion:	122	Resp:	211921
Ion Ratio	Lower	Upper	
122	100		
107	116.3	97.9	146.9
121	58.4	49.0	73.4

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#28

bis(2-Chloroethoxy)methane

Concen: 50.847 ng

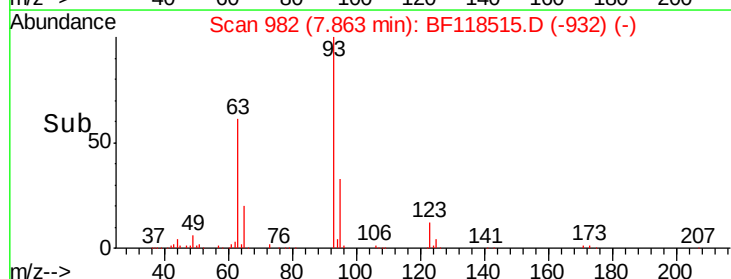
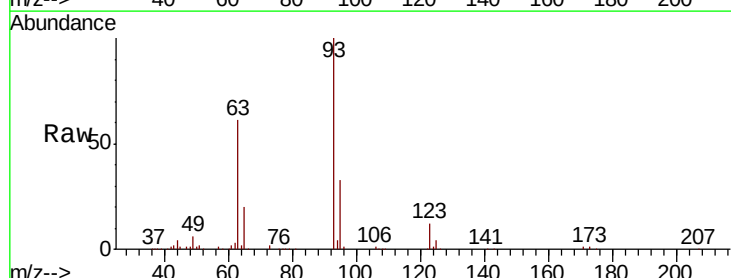
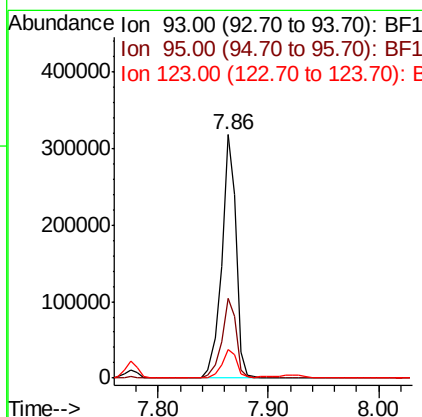
RT: 7.86 min Scan# 982

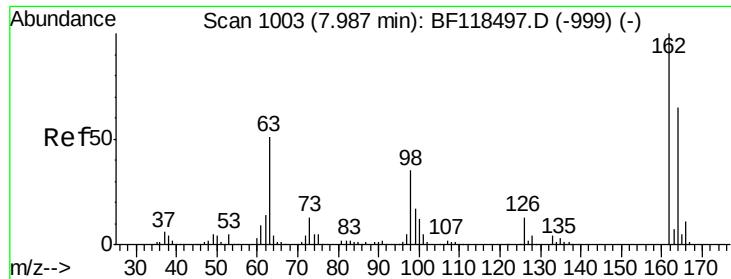
Delta R.T. -0.01 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Tgt Ion:	93	Resp:	288720
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.9	38.9
123	11.8	9.7	14.5





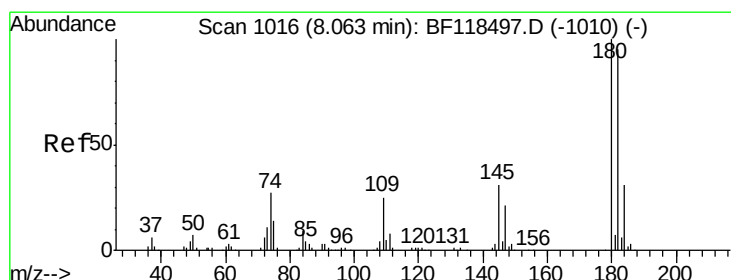
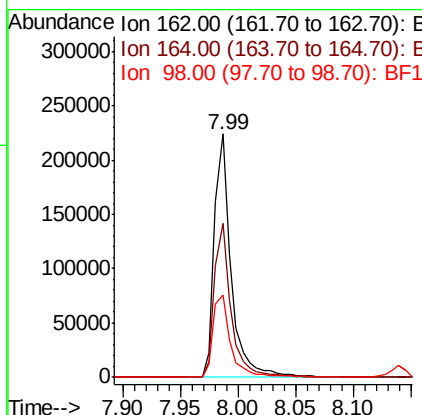
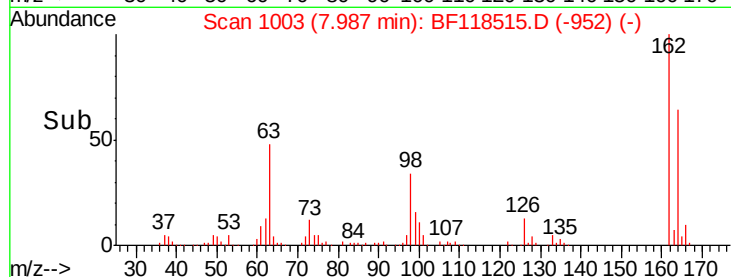
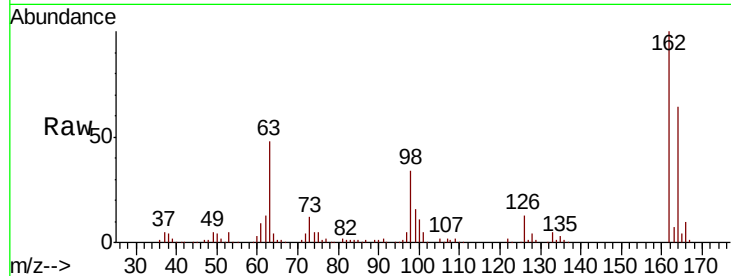
#29
 2,4-Dichlorophenol
 Concen: 54.121 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB126016BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	224927		
164	63.5	44.8	84.8	
98	33.9	15.1	55.1	

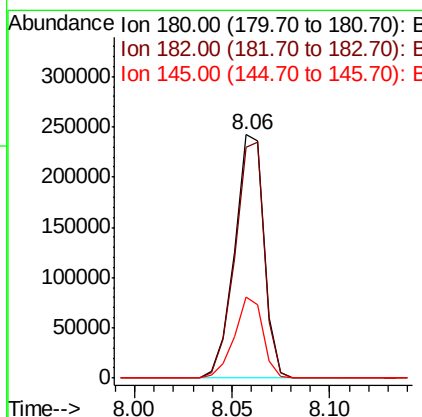
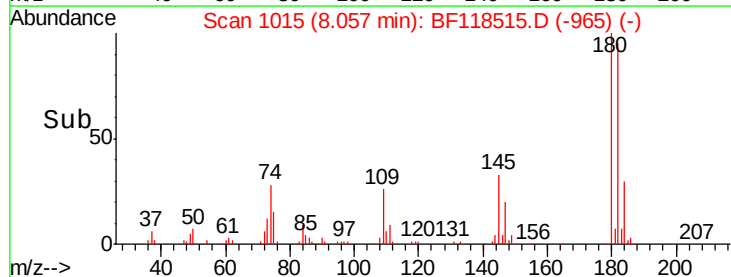
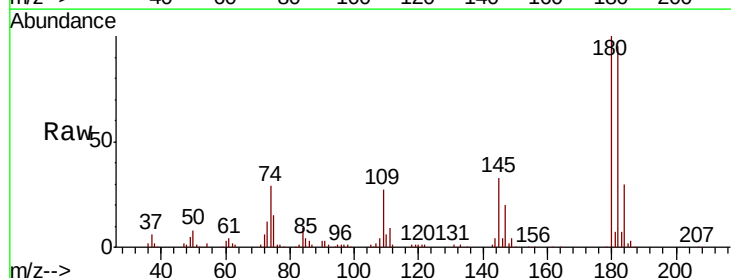
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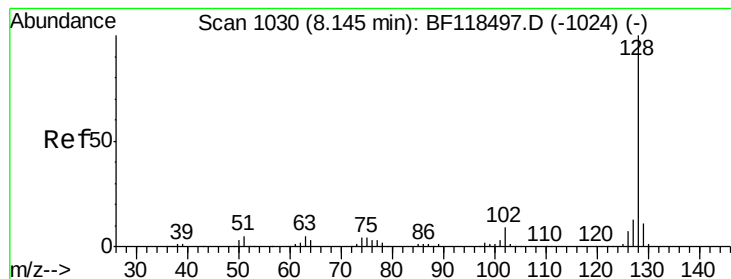
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.473 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	253289		
182	94.8	75.8	113.6	
145	33.1	25.0	37.6	





#31

Naphthalene

Concen: 40.585 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Instrument :

BNA_F

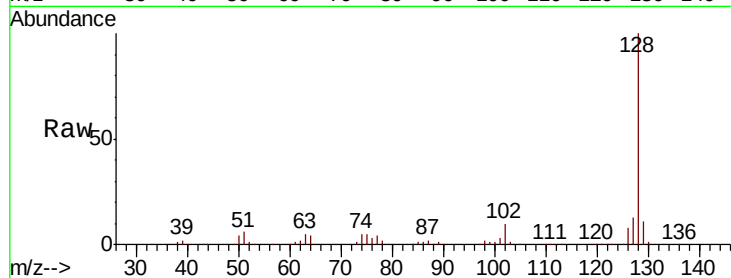
ClientSampleId :

PB126016BS

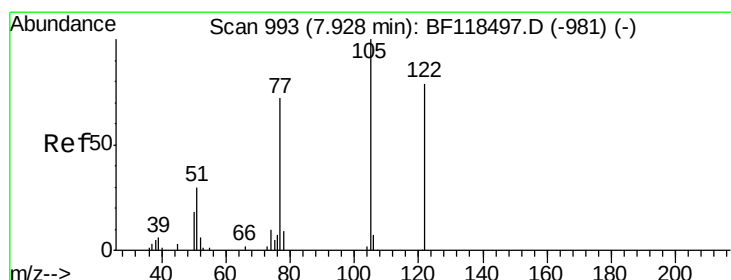
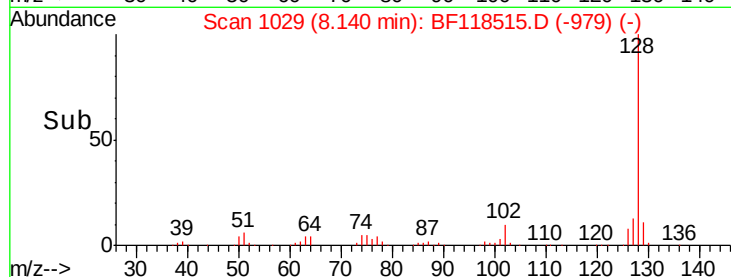
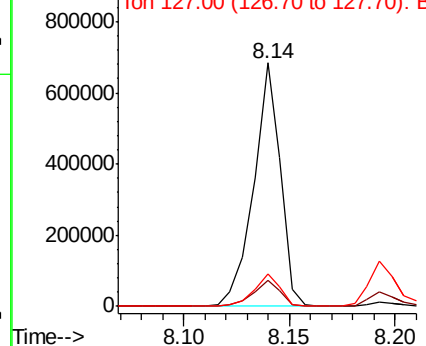
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.1	10.7	16.1

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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: 52.841 ng

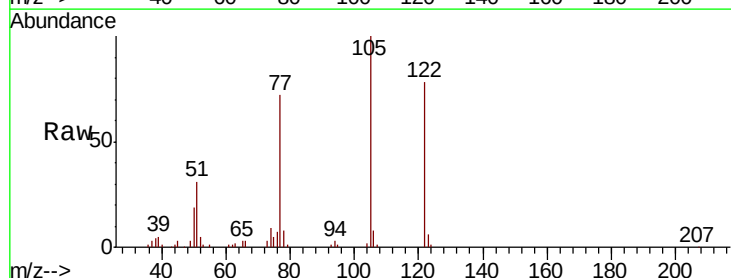
RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

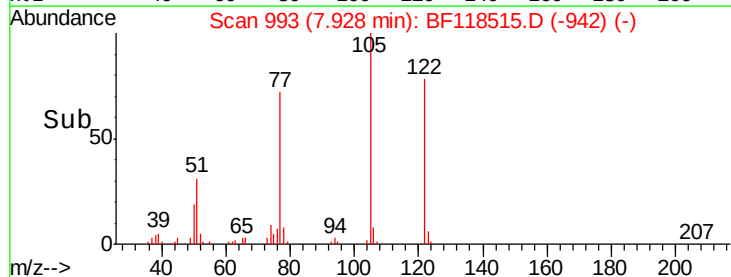
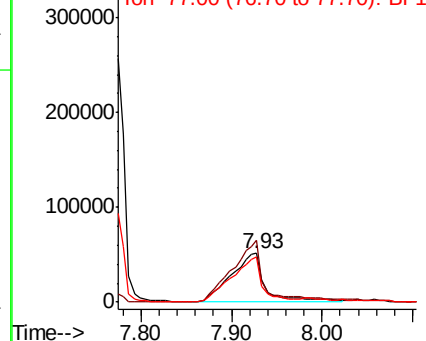
Lab File: BF118515.D

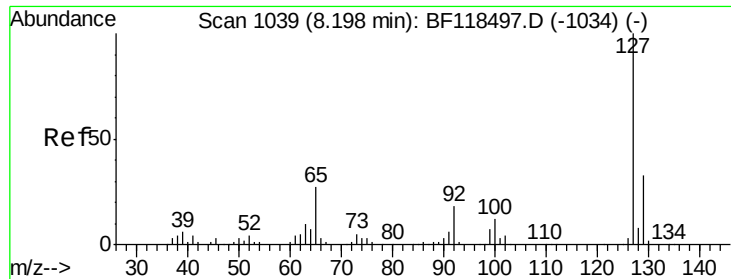
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	105.7	145.7
77	93.0	71.0	111.0



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





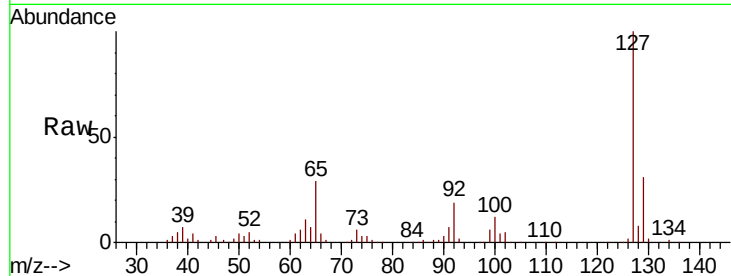
#33
4-Chloroaniline
Concen: 21.268 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

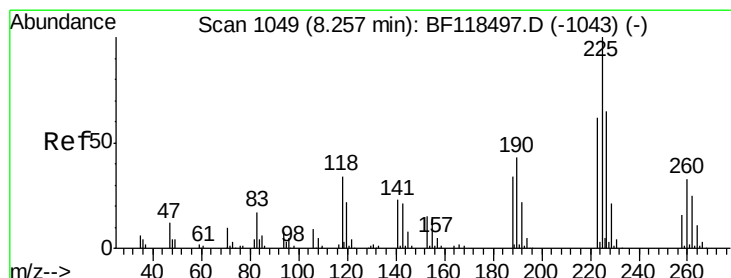
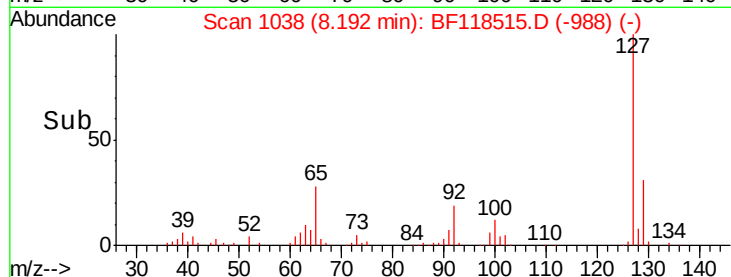
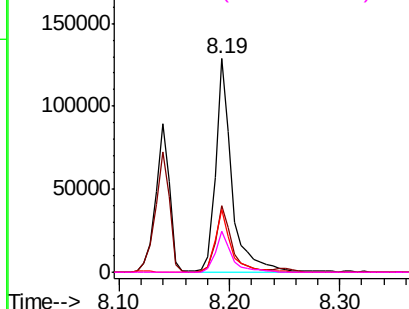
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		129706		
129	31.4	26.2	39.4		
65	29.2	21.6	32.4		
92	19.1	14.3	21.5		

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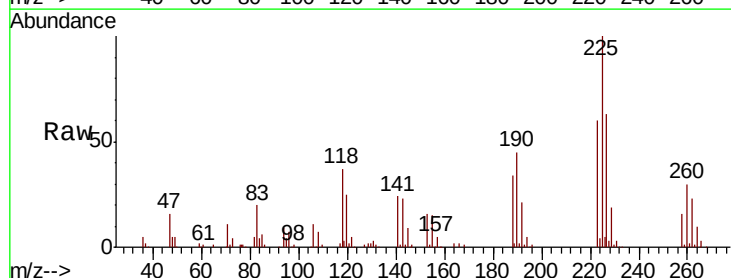


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

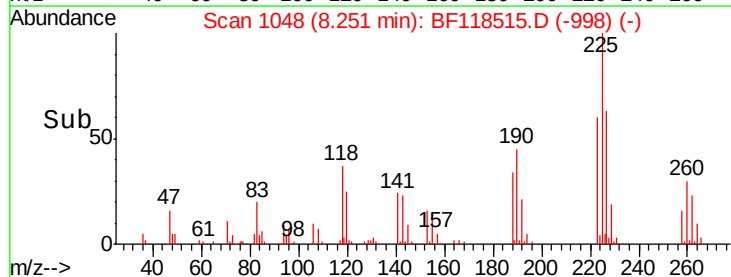
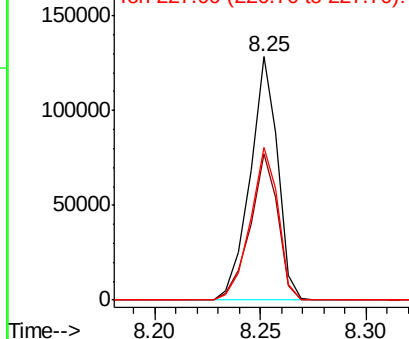


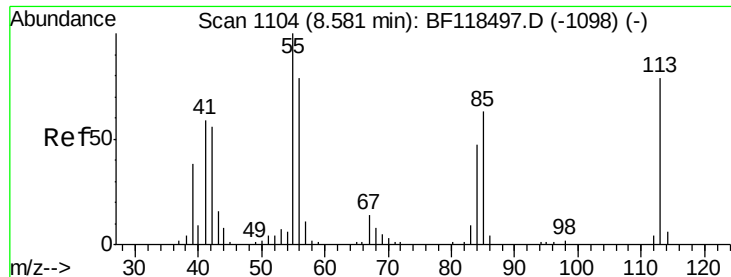
#34
Hexachlorobutadiene
Concen: 39.400 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		116740		
223	60.0	49.9	74.9		
227	62.8	51.8	77.6		



Abundance Ion 225.00 (224.70 to 225.70): E
150000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





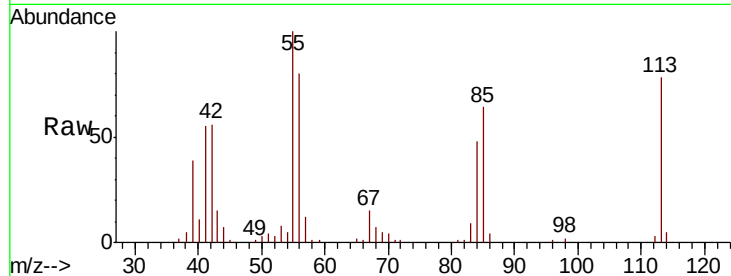
#35
 Caprolactam
 Concen: 48.366 ng/ml
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB126016BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	128.4	106.5	146.5
56	103.2	80.1	120.1

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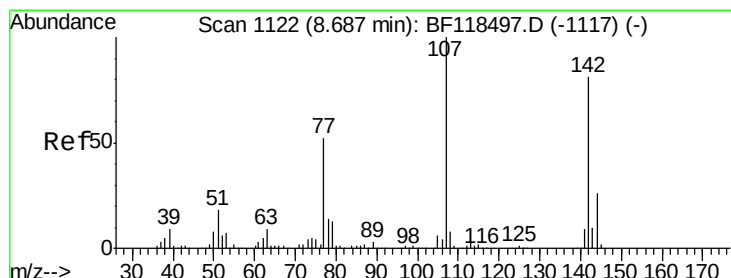
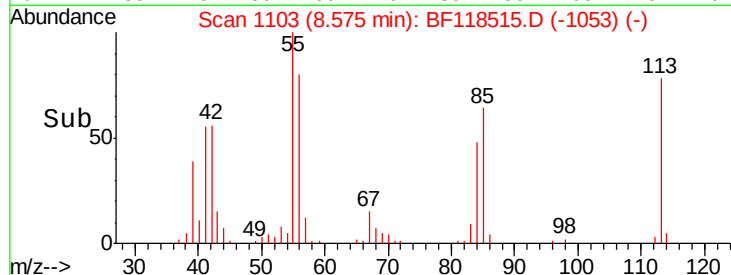
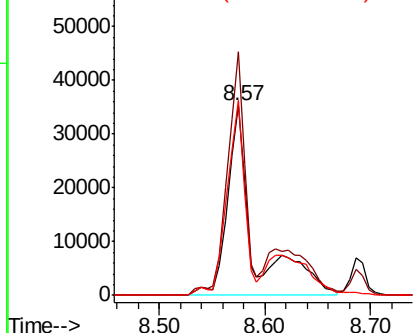


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 48.997 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

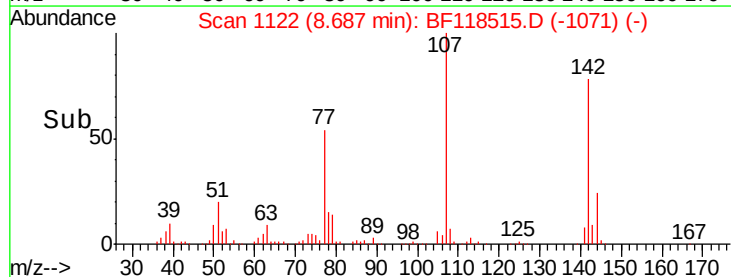
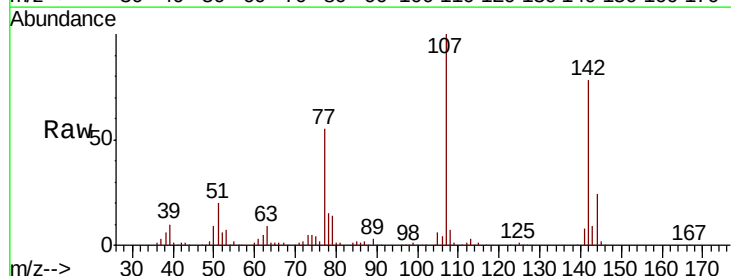
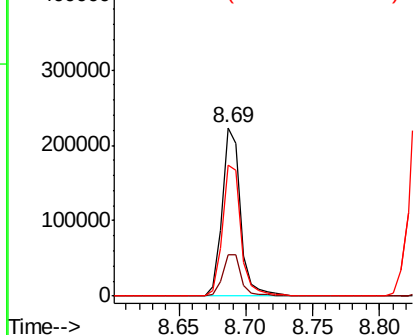
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.6	31.0
142	77.7	65.0	97.4

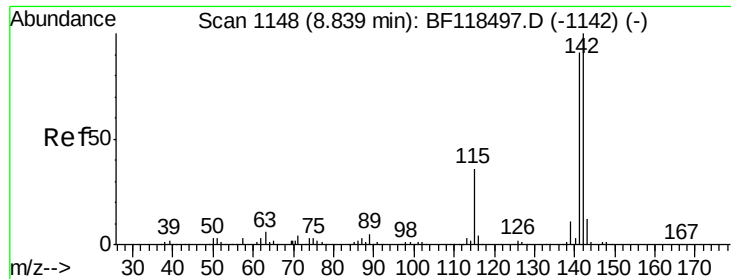
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





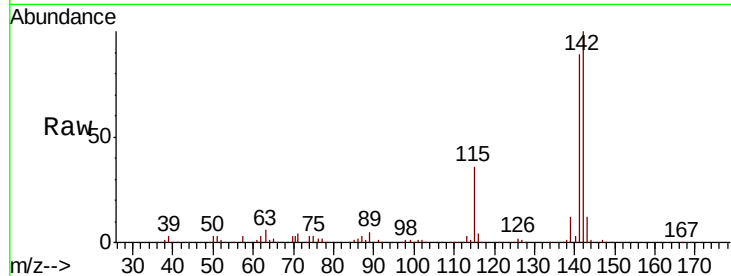
#37
2-Methylnaphthalene
Concen: 53.319 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.0	109.6
115	35.9	28.4	42.6

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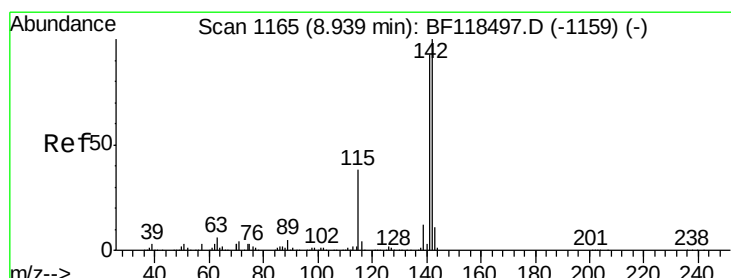
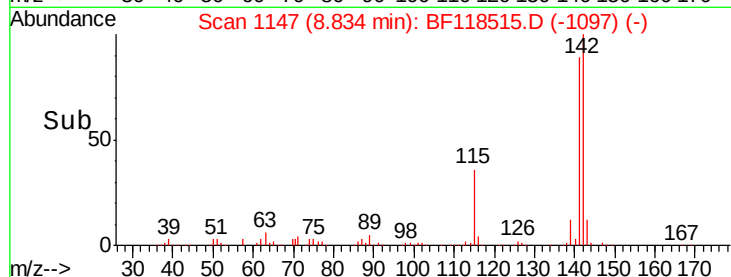
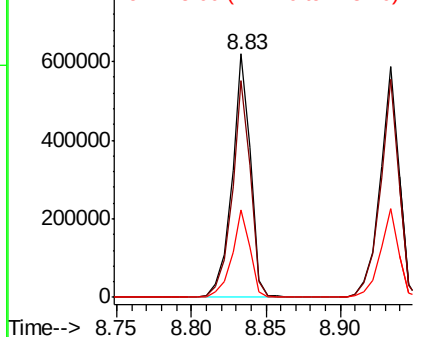


Abundance

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: 52.853 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

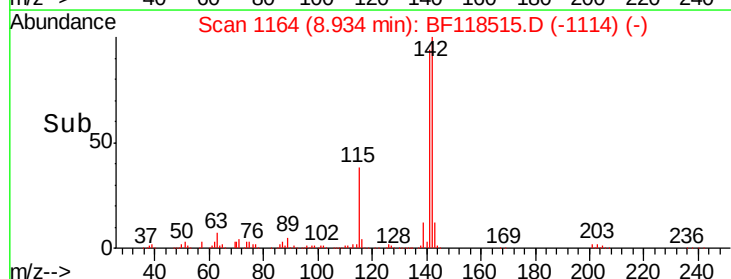
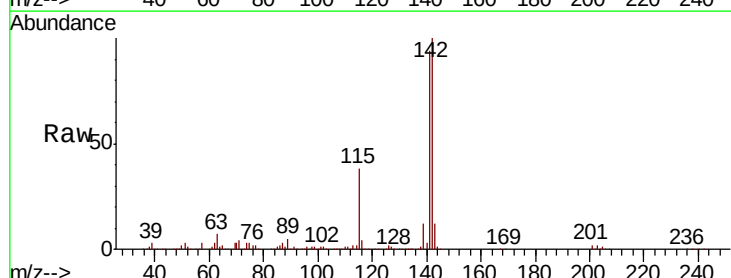
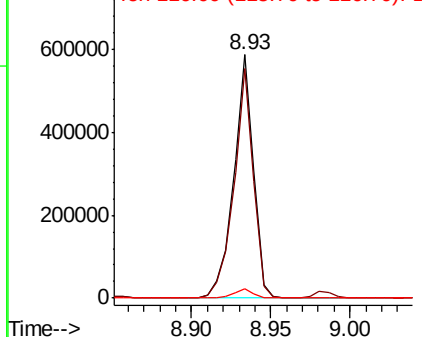
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.3	111.5
116	4.0	3.2	4.8

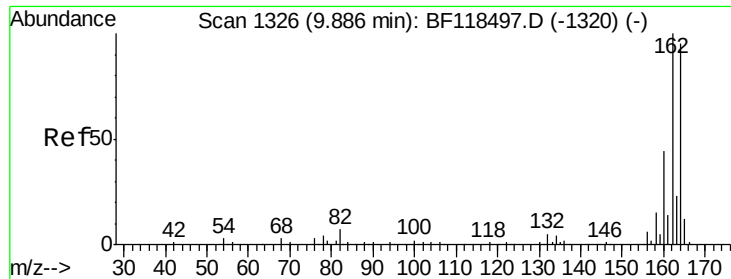
Abundance

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Instrument :

BNA_F

ClientSampleId :

PB126016BS

Tot Ion:164 Resp: 169755

Ion Ratio Lower Upper

164 100

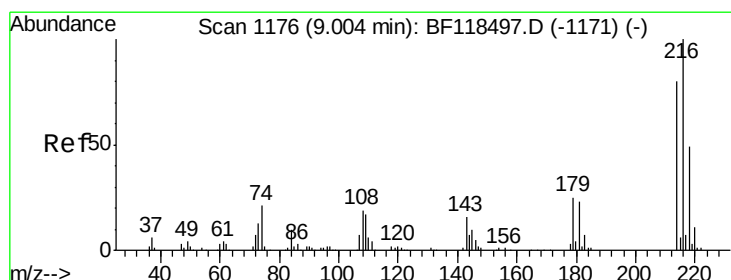
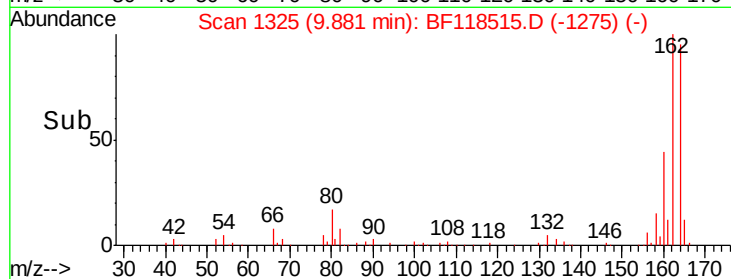
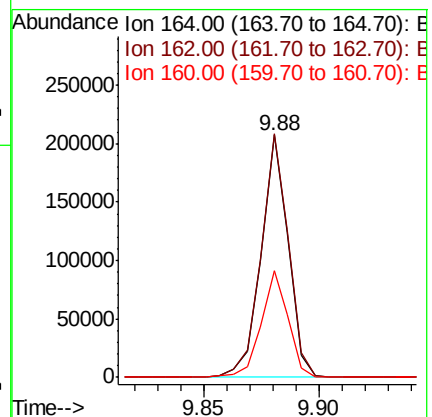
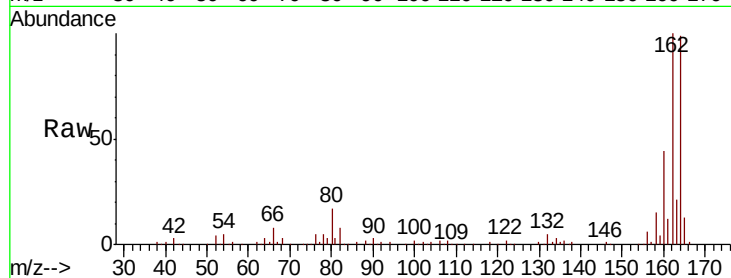
162 100.7 84.2 126.4

160 44.0 36.8 55.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.200 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Tgt Ion:216 Resp: 194027

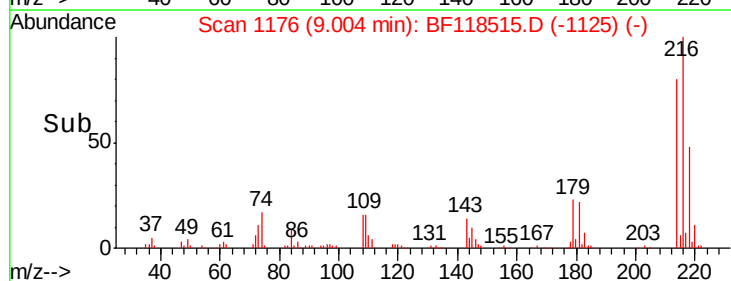
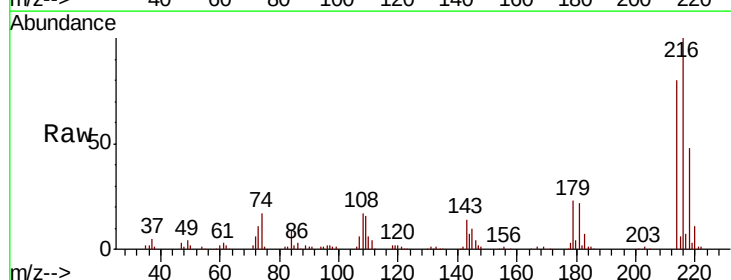
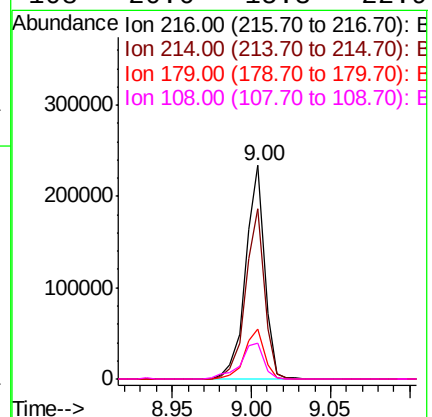
Ion Ratio Lower Upper

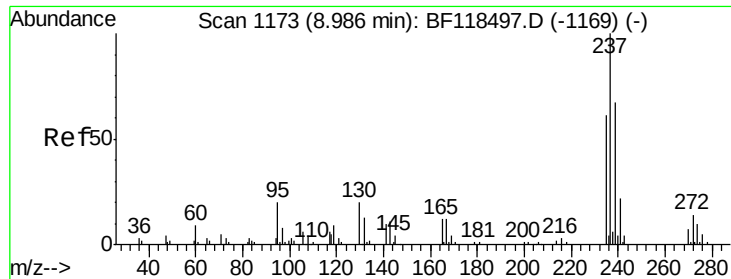
216 100

214 79.1 62.4 93.6

179 23.8 18.7 28.1

108 20.6 15.3 22.9





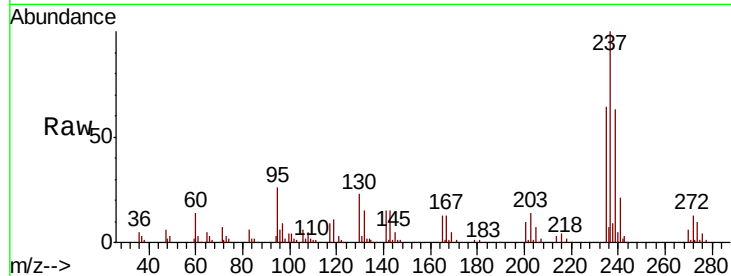
#41
Hexachlorocyclopentadiene
Concen: 67.794 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

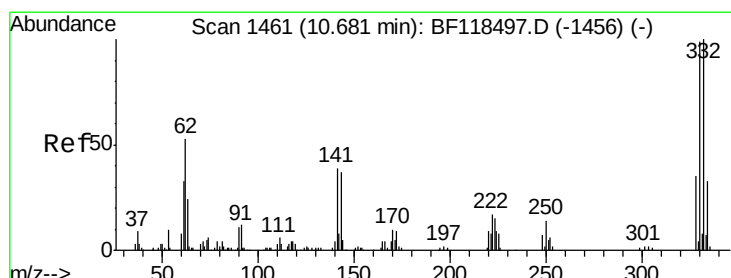
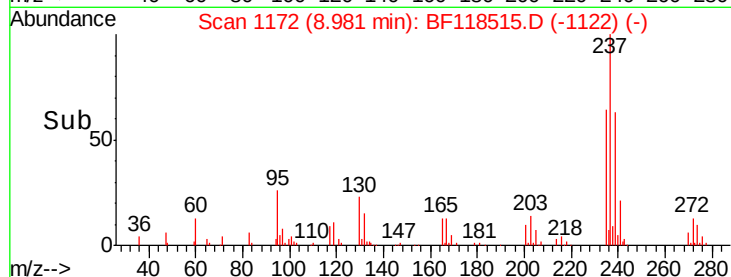
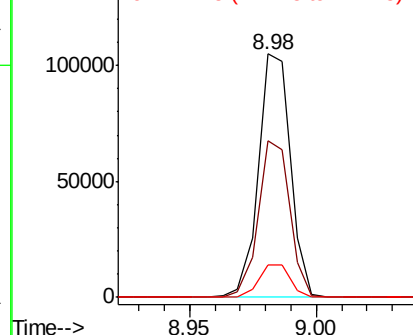
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	40.8	80.8
272	13.1	0.0	34.2

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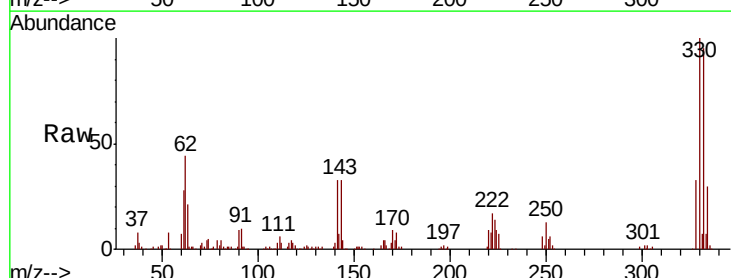


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

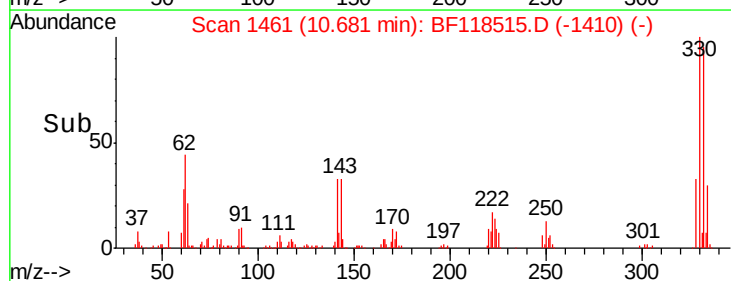
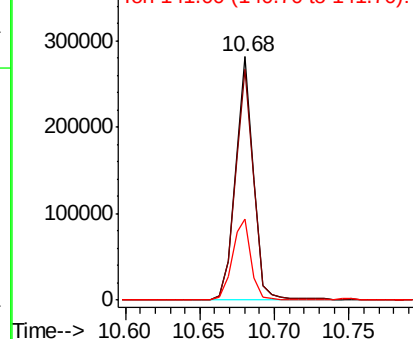


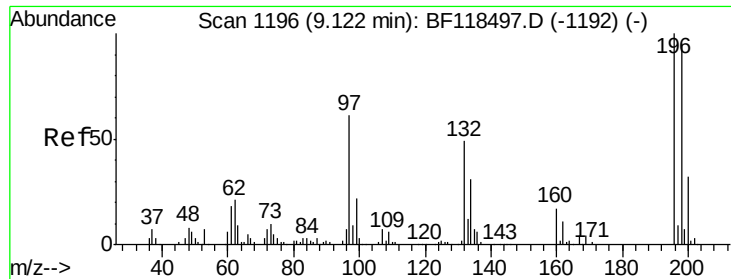
#42
2,4,6-Tribromophenol
Concen: 120.410 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.5	77.9	116.9
141	35.2	28.6	43.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





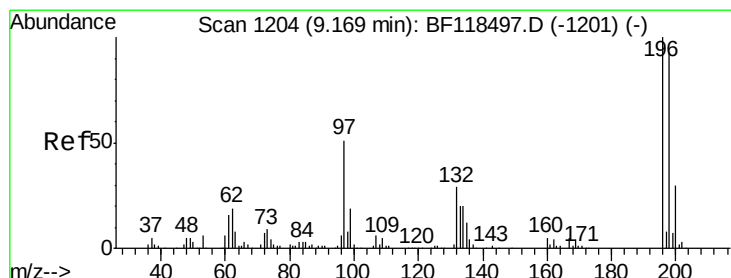
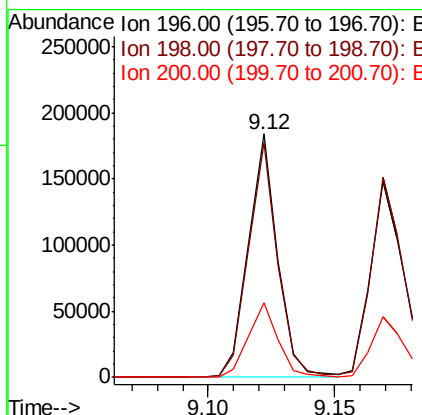
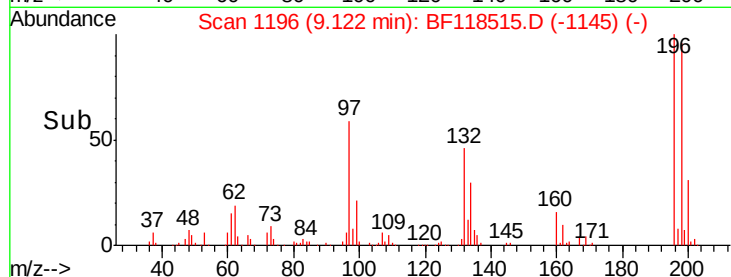
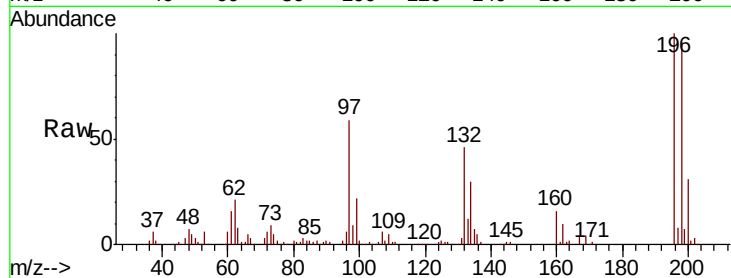
#43
 2,4,6-Trichlorophenol
 Concen: 46.069 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Instrument :
 BNA_F
 ClientSampled :
 PB126016BS

Tot Ion:	196	Resp:	148484
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.2	114.4
200	30.7	25.2	37.8

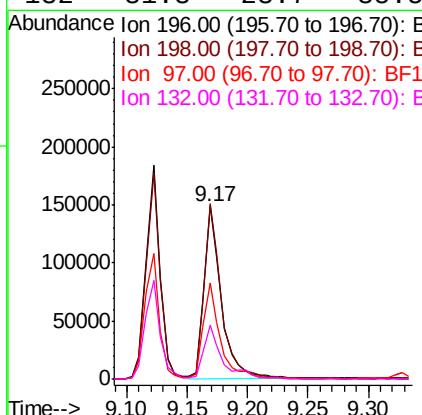
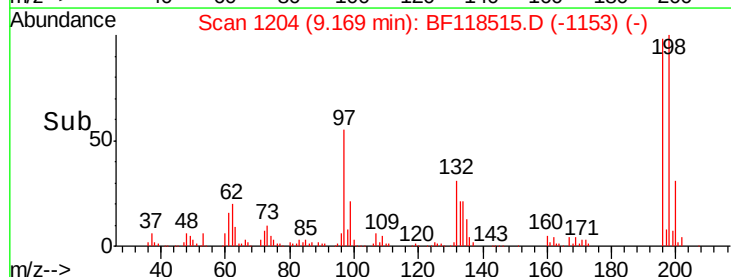
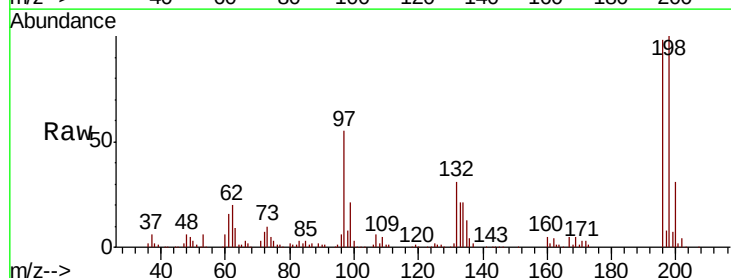
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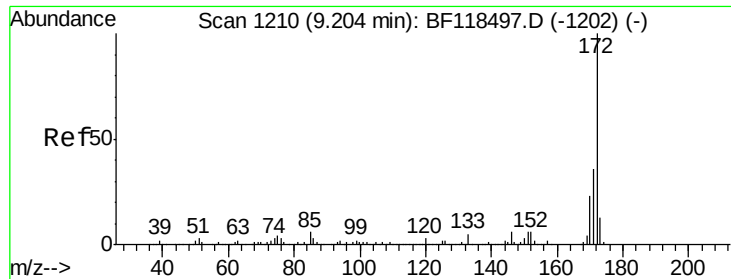
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.718 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Tgt Ion:	196	Resp:	149147
Ion Ratio	Lower	Upper	
196	100		
198	101.5	74.7	112.1
97	55.8	40.7	61.1
132	31.3	23.7	35.5





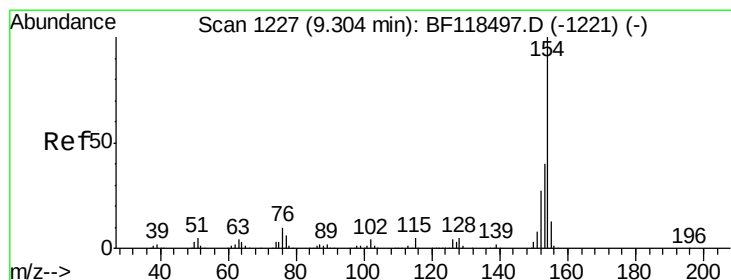
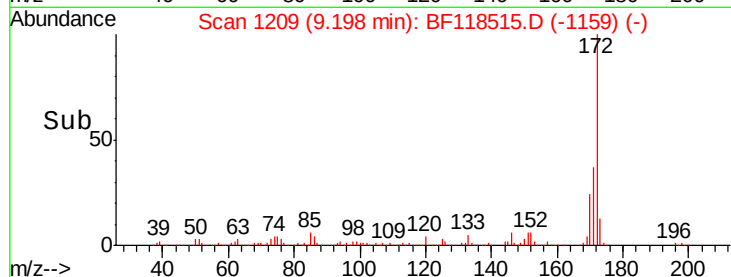
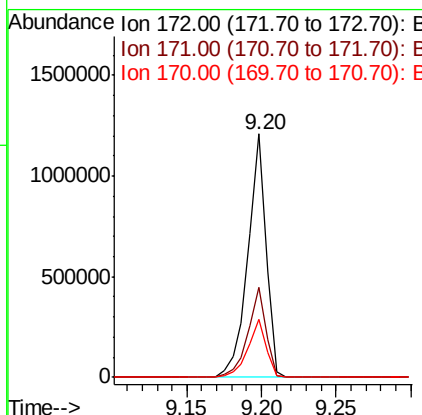
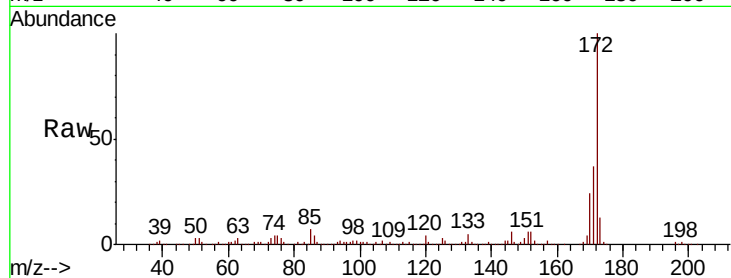
#45
2-Fluorobiphenyl
Concen: 86.282 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	24.1	18.6	27.8

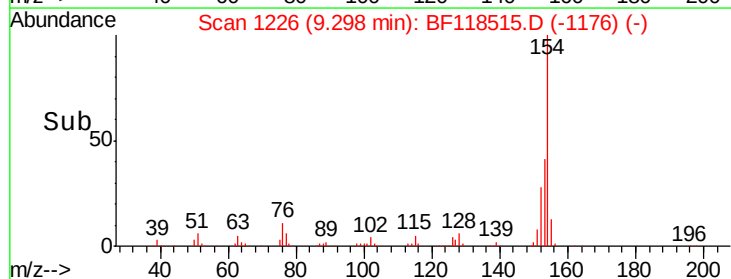
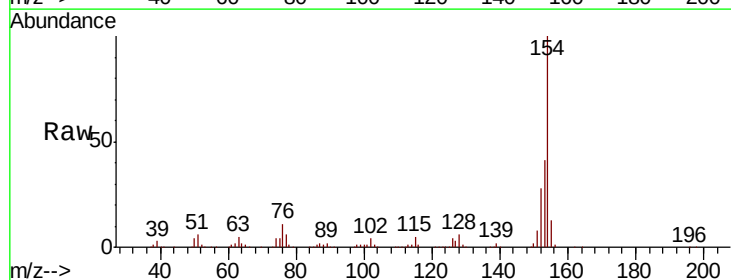
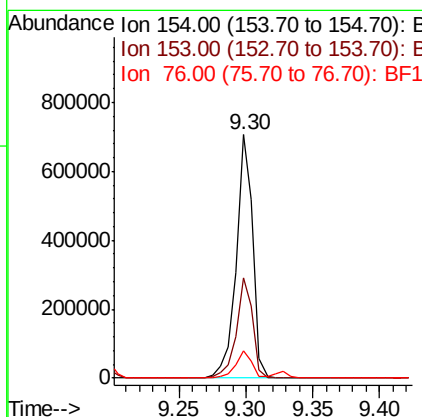
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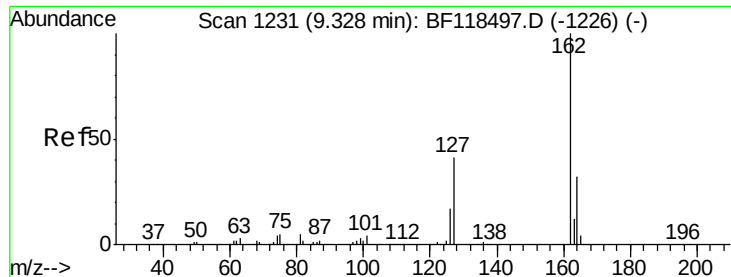
mohammad
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#46
1,1'-Biphenyl
Concen: 44.093 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.2	60.2
76	11.3	0.0	30.4





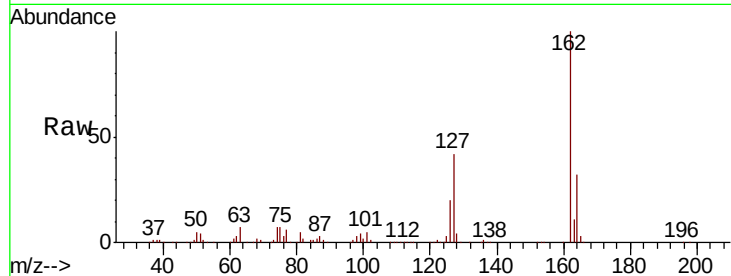
#47
2-Chloronaphthalene
Concen: 44.575 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

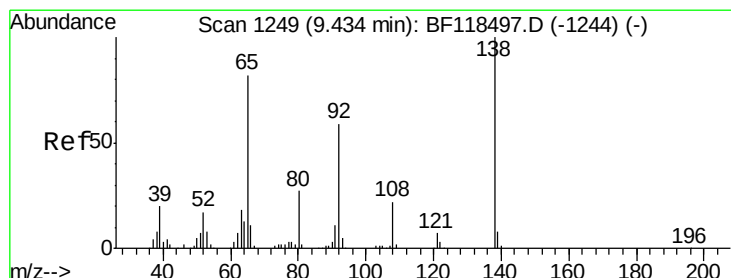
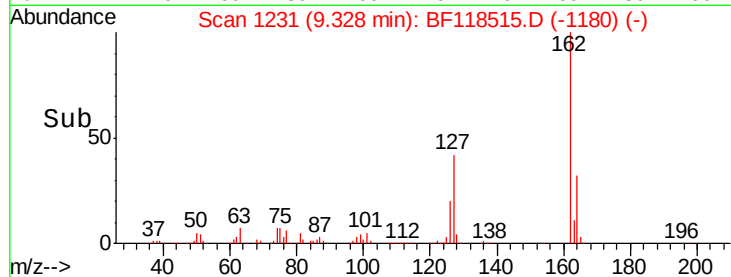
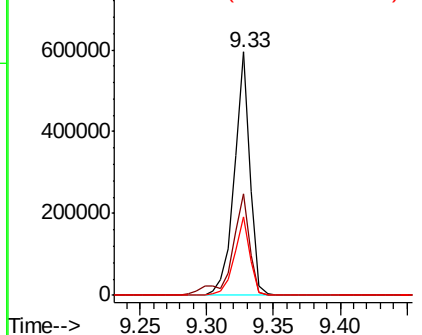
Tot Ion	Ratio	Resp	Lower	Upper
162	100	489347		
127	41.5	35.5	53.3	
164	32.5	25.8	38.8	

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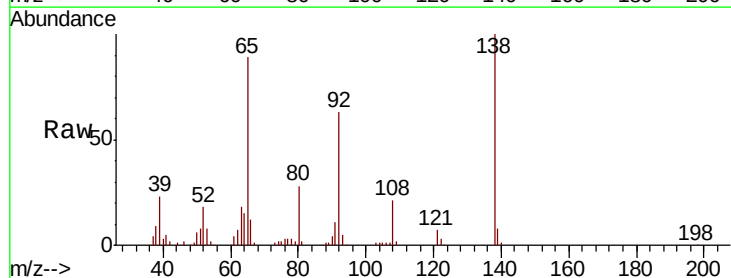


Abundance Ion 162.00 (161.70 to 162.70): E
800000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

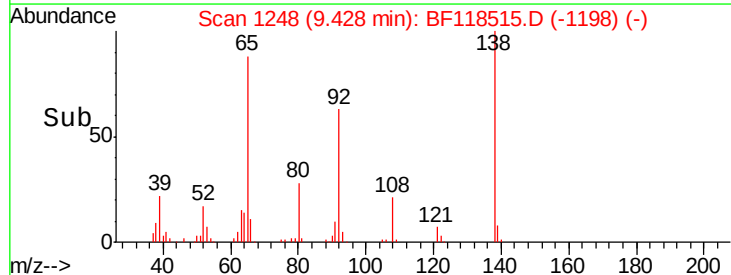
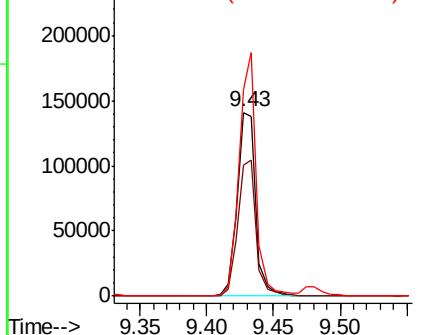


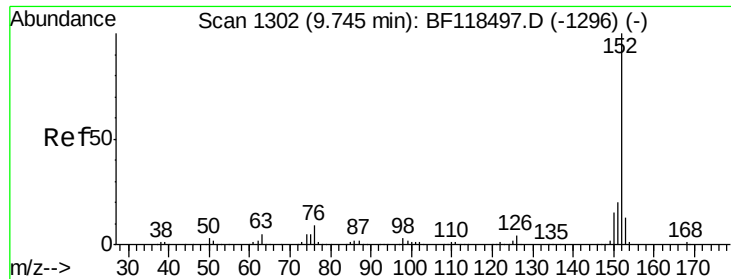
#48
2-Nitroaniline
Concen: 43.305 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	137379		
92	71.2	57.7	86.5	
138	112.7	97.2	145.8	



Abundance Ion 65.00 (64.70 to 65.70): BF1
250000 Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.721 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Instrument :

BNA_F

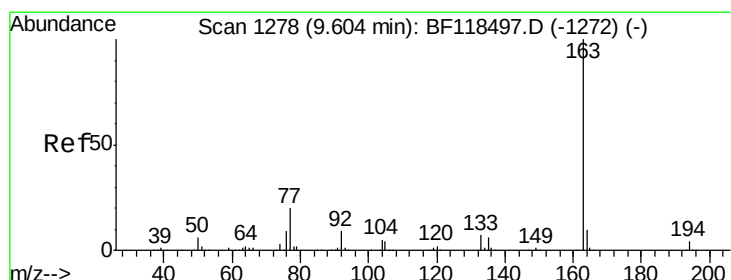
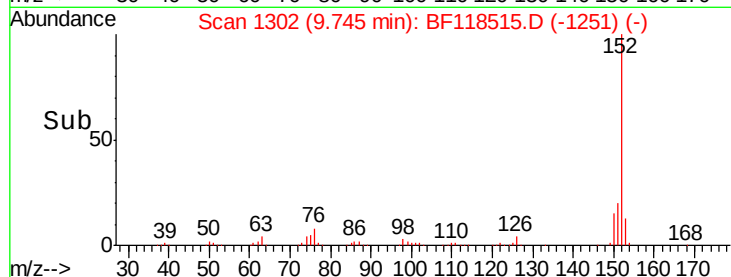
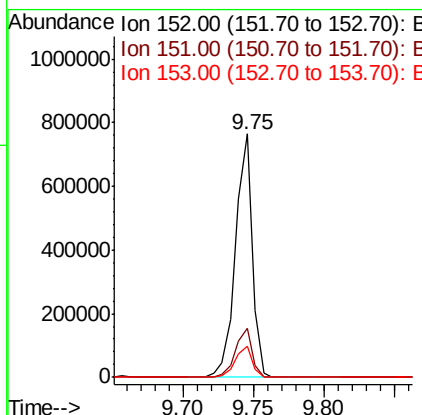
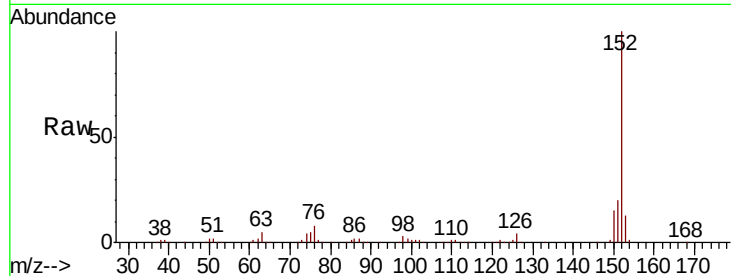
ClientSampleId :

PB126016BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		632753		
151	20.3	16.3	24.5		
153	13.0	10.6	16.0		

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#50

Dimethylphthalate

Concen: 45.220 ng

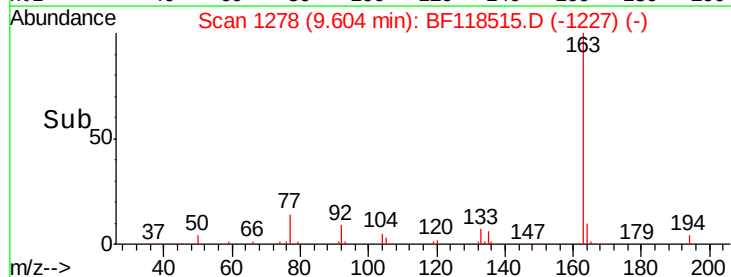
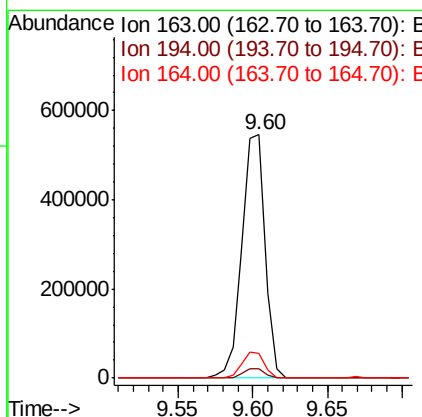
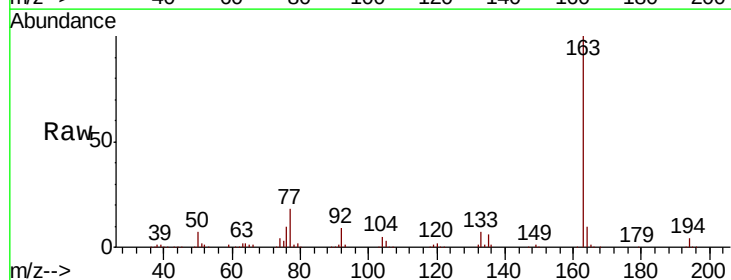
RT: 9.60 min Scan# 1278

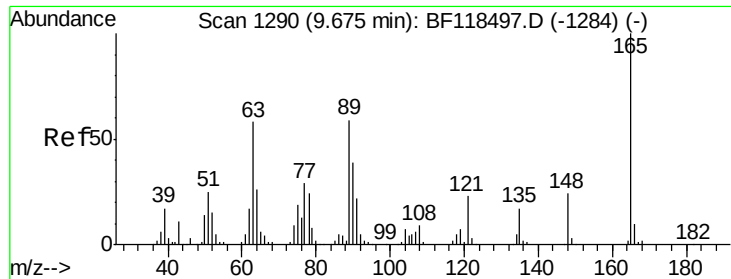
Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		589167		
194	4.0	3.0	4.6		
164	10.1	8.1	12.1		





#51

2,6-Dinitrotoluene

Concen: 44.838 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Instrument :

BNA_F

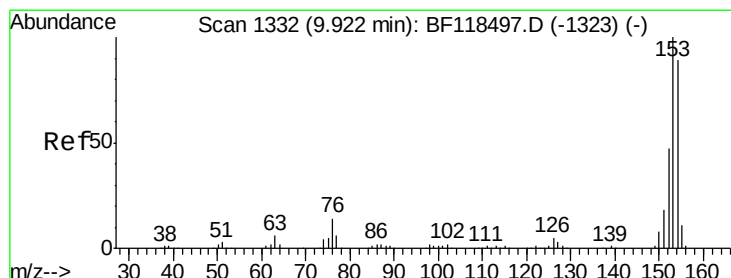
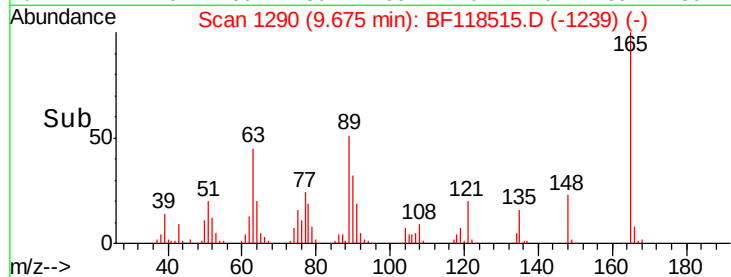
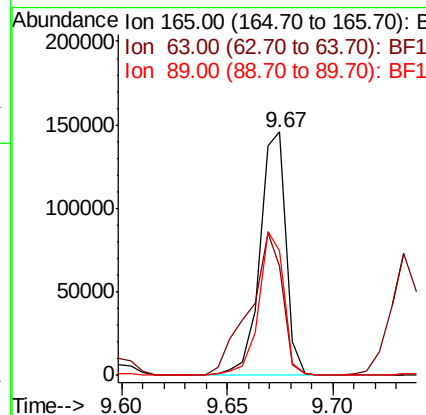
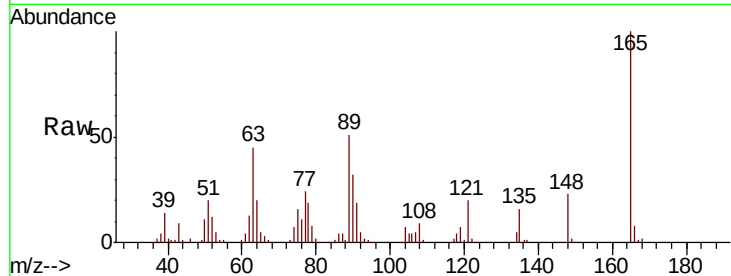
ClientSampleId :

PB126016BS

Tot Ion:	165	Resp:	125804
Ion Ratio	Lower	Upper	
165	100		
63	44.7	46.6	70.0#
89	51.0	47.5	71.3

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#52

Acenaphthene

Concen: 38.354 ng

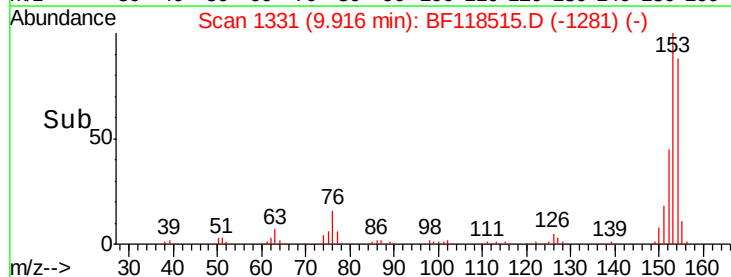
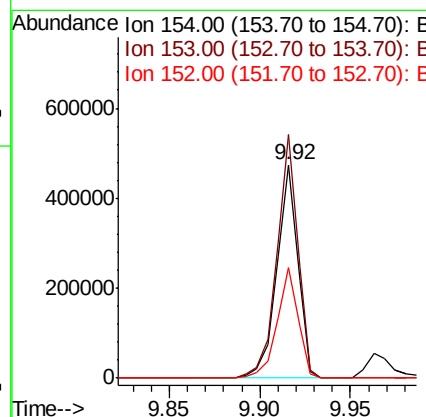
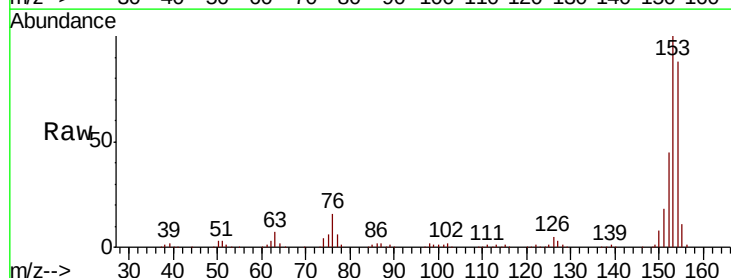
RT: 9.92 min Scan# 1331

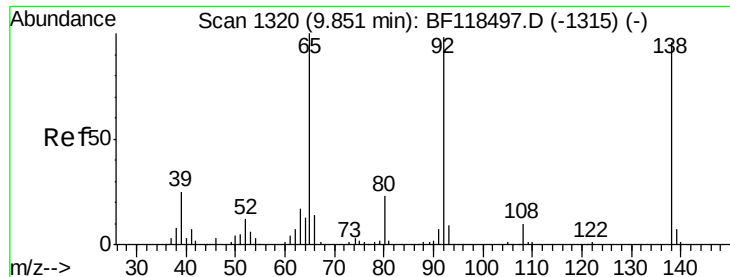
Delta R.T. -0.01 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Tgt Ion:	154	Resp:	382737
Ion Ratio	Lower	Upper	
154	100		
153	114.3	89.7	134.5
152	52.0	41.9	62.9





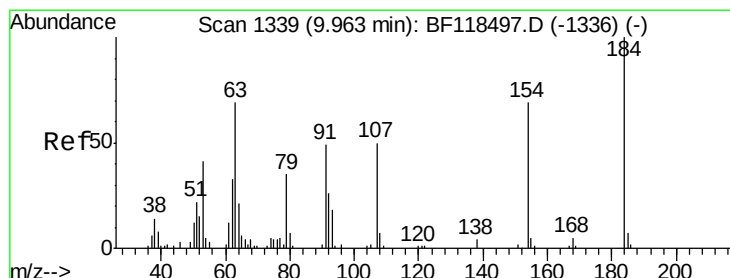
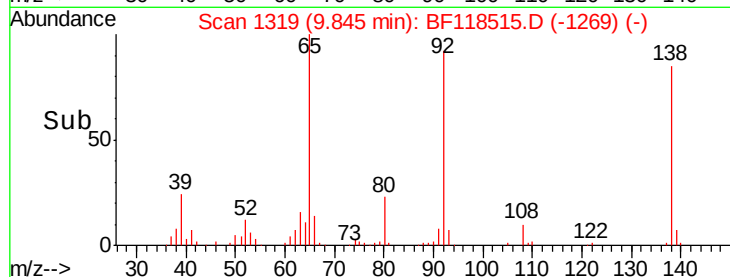
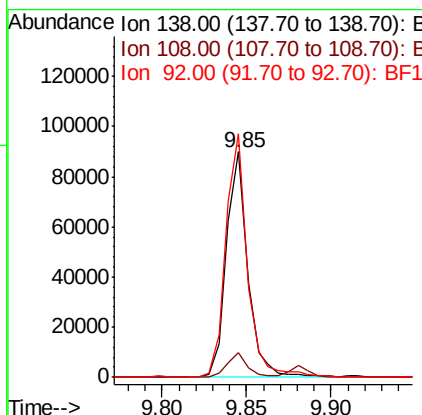
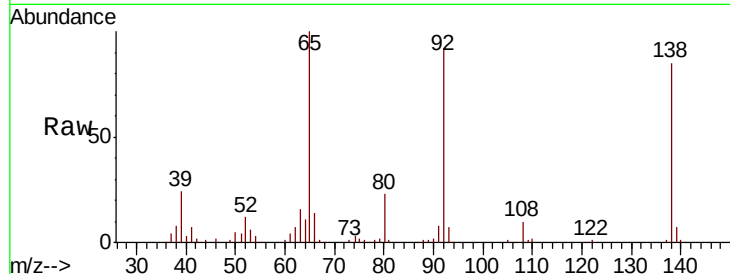
#53
3-Nitroaniline
Concen: 24.236 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.1	12.1
92	108.0	81.6	122.4

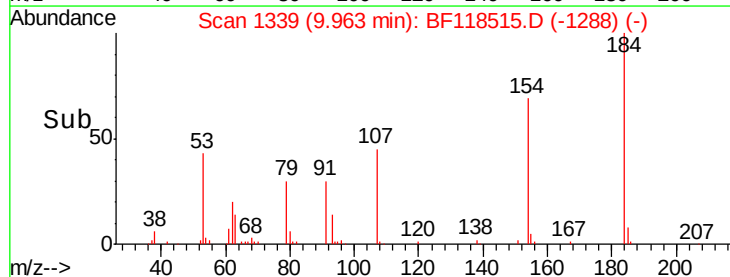
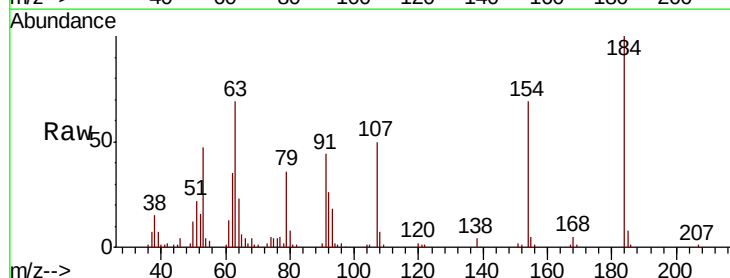
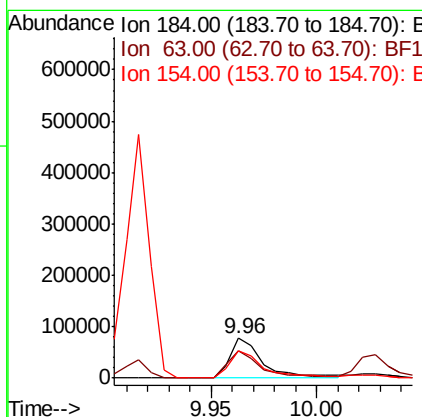
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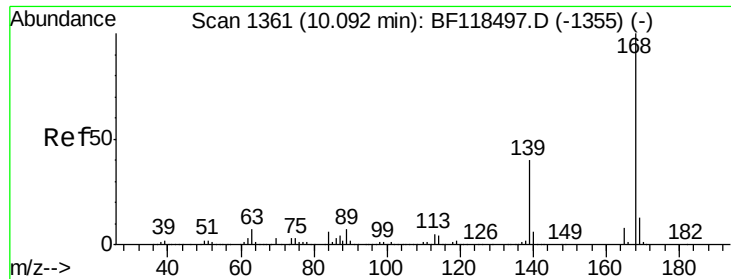
mohammad
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#54
2,4-Dinitrophenol
Concen: 69.193 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.2	55.3	82.9
154	69.2	55.0	82.4





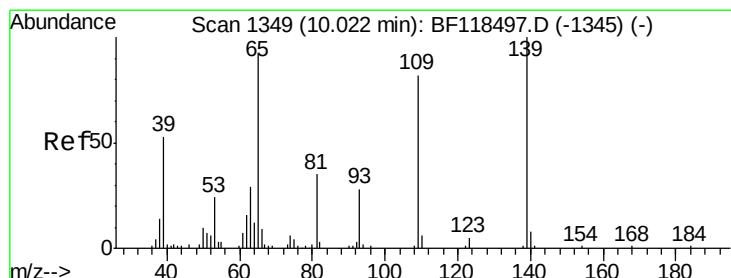
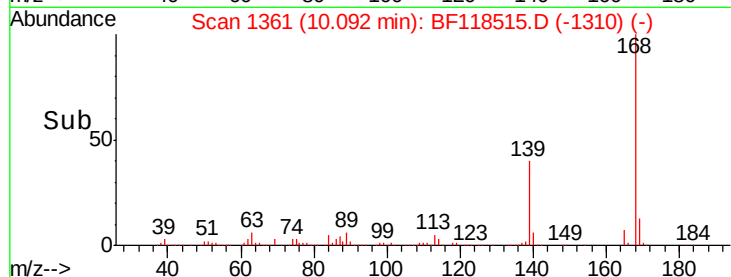
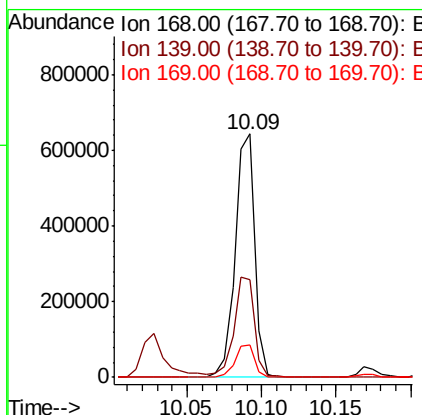
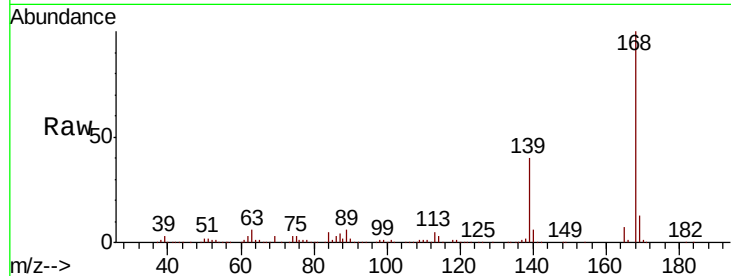
#55
Dibenzenofuran
Concen: 39.614 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.5	48.7
169	13.3	10.6	16.0

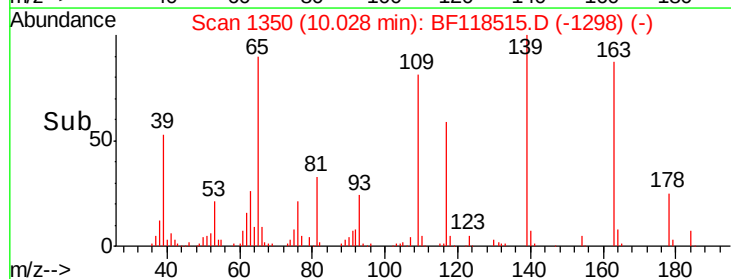
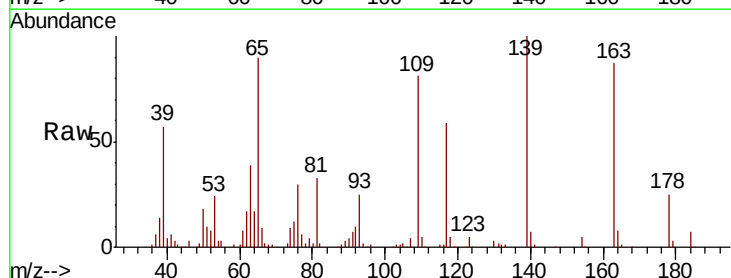
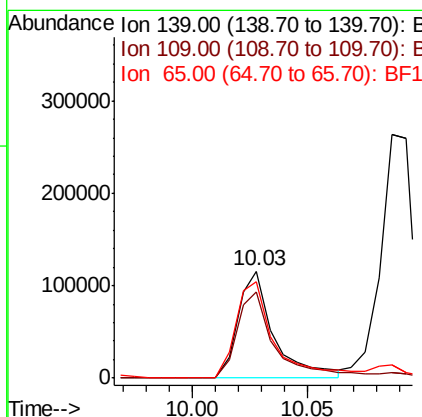
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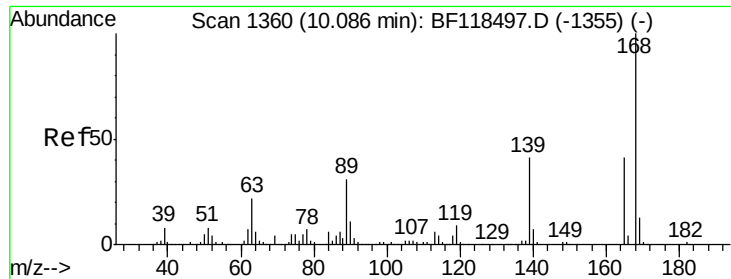
mohammad
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#56
4-Nitrophenol
Concen: 78.875 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.7	62.2	102.2
65	90.2	72.8	112.8





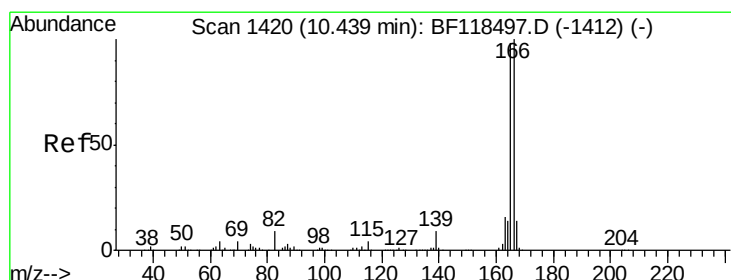
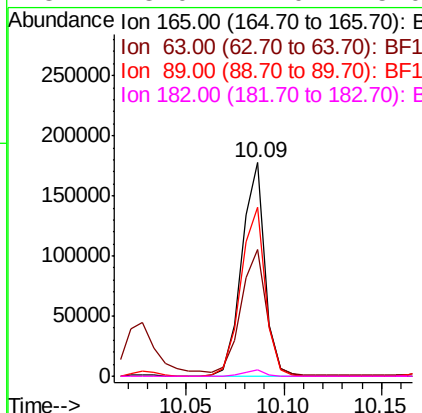
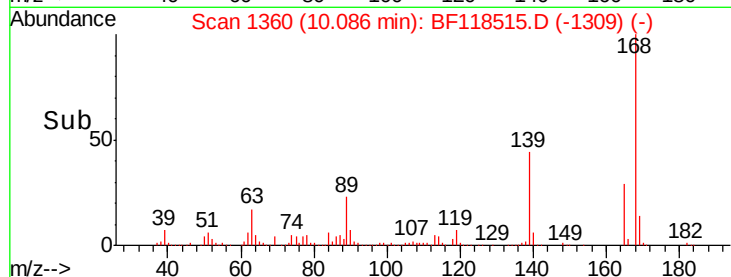
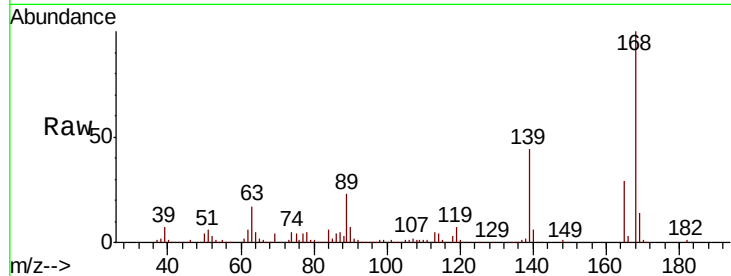
#57
2,4-Dinitrotoluene
Concen: 38.782 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	145698		
63	59.1		44.1	66.1
89	79.2		60.4	90.6
182	3.0		2.0	3.0

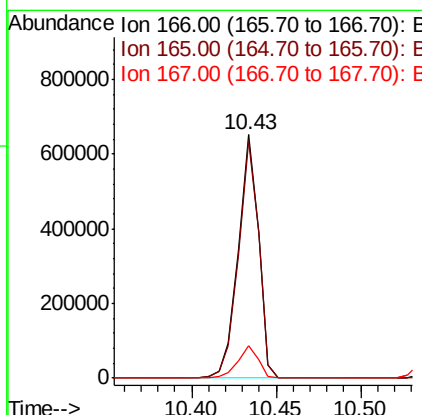
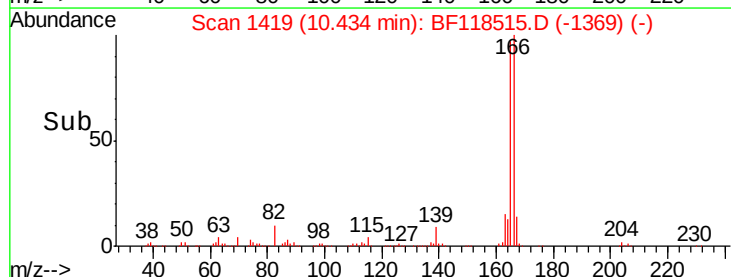
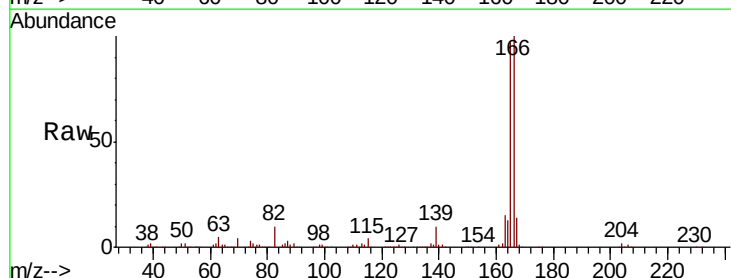
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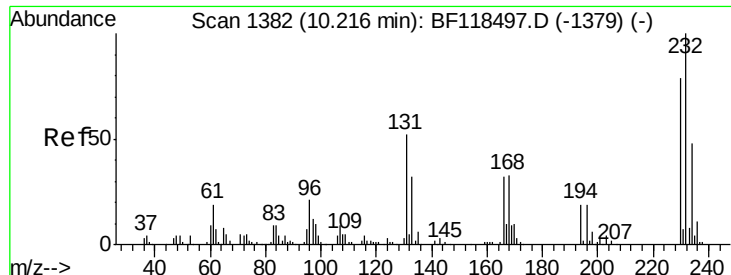
mohammad
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#58
Fluorene
Concen: 45.165 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	544116		
165	97.4		78.6	117.8
167	13.5		10.8	16.2





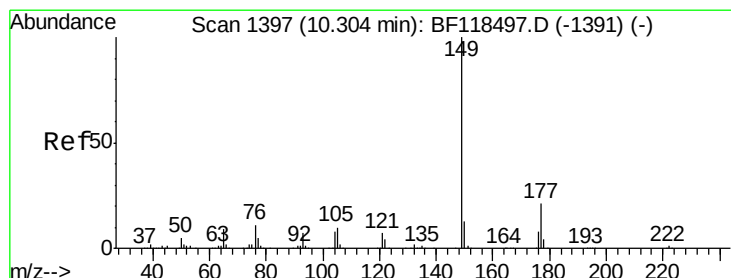
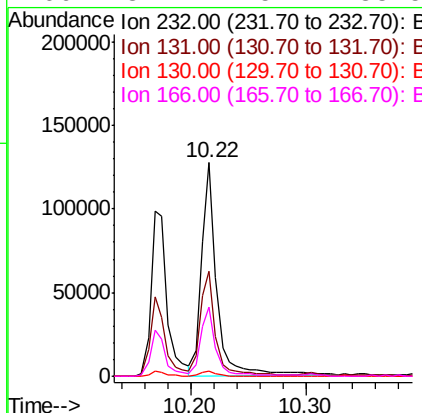
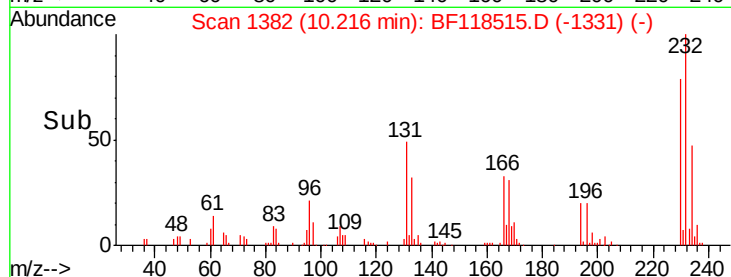
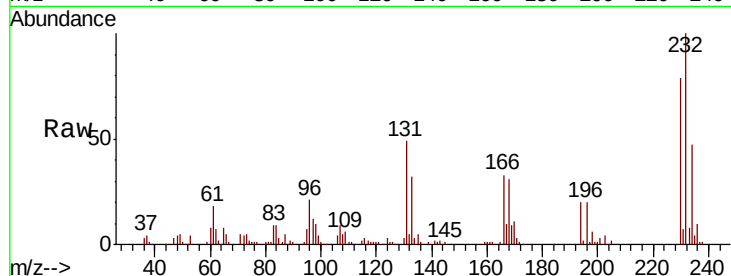
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.776 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	117832		
131	50.8	42.2	63.4	
130	2.5	2.1	3.1	
166	31.7	25.7	38.5	

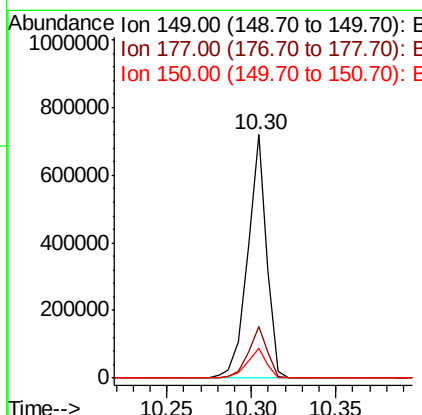
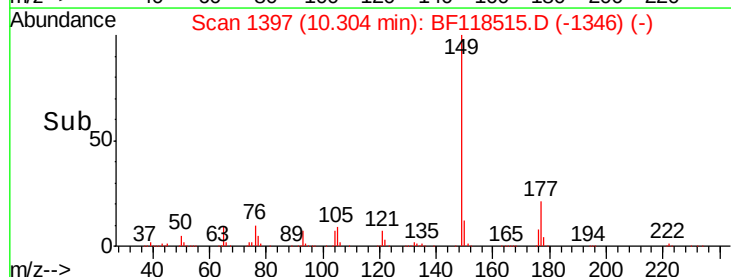
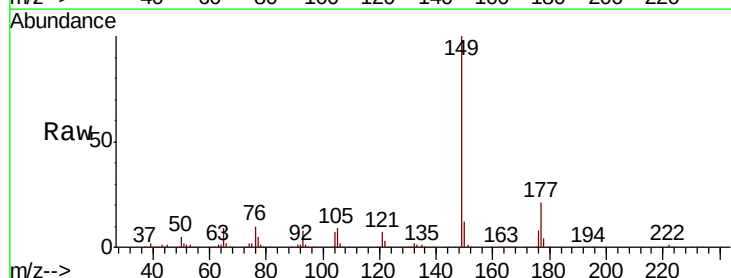
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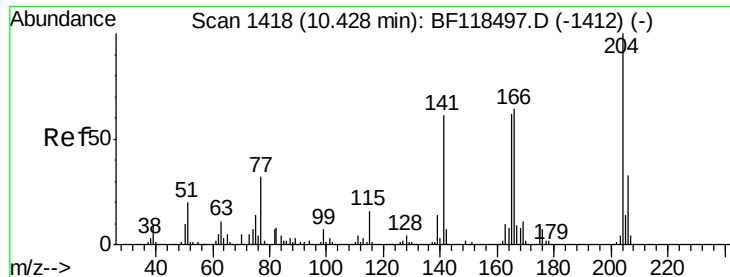
mohammad
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#60
Diethylphthalate
Concen: 42.484 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	563473		
177	21.3	16.5	24.7	
150	12.4	10.2	15.2	





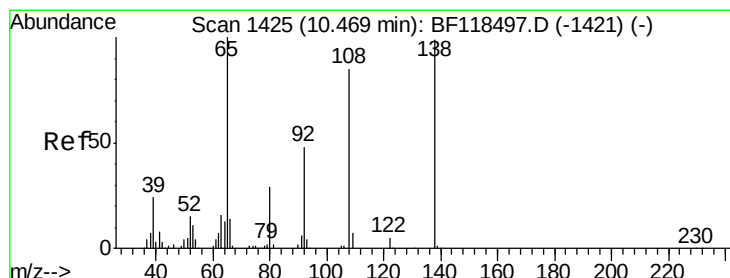
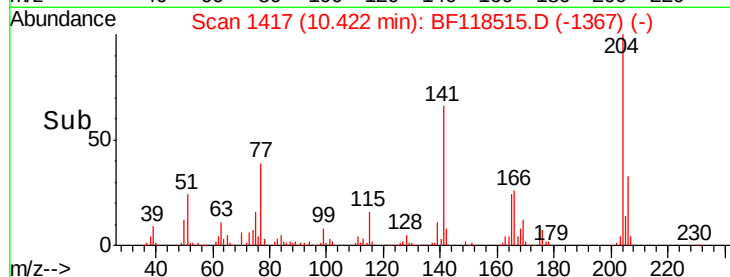
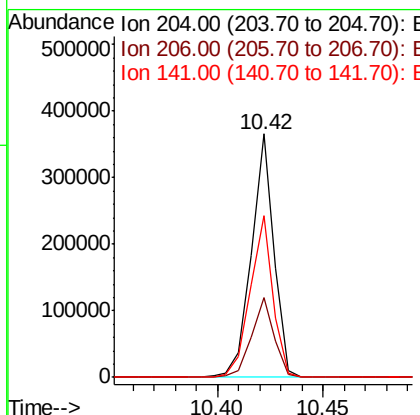
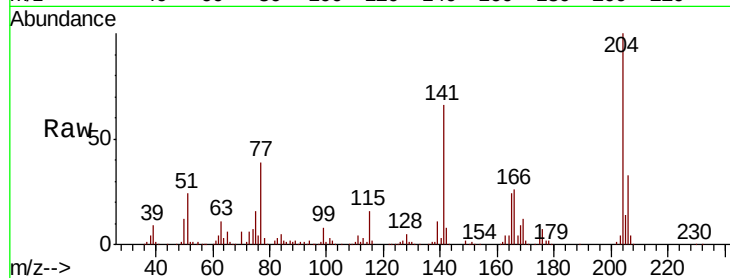
#61
4-Chlorophenyl-phenylether
Concen: 45.192 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampled :
PB126016BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	66.3	49.0	73.6

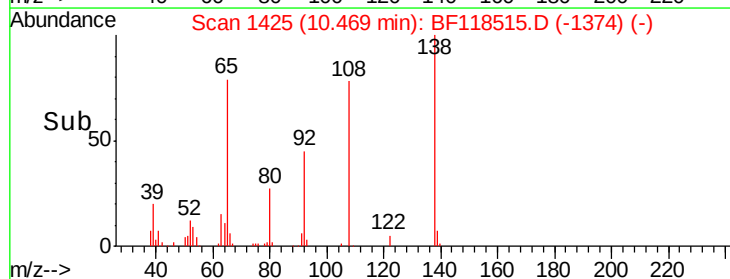
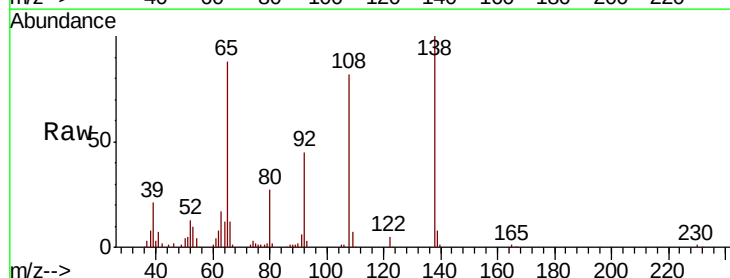
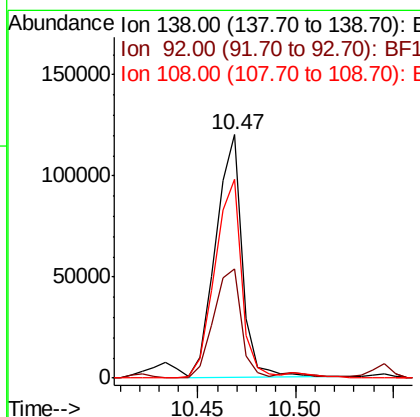
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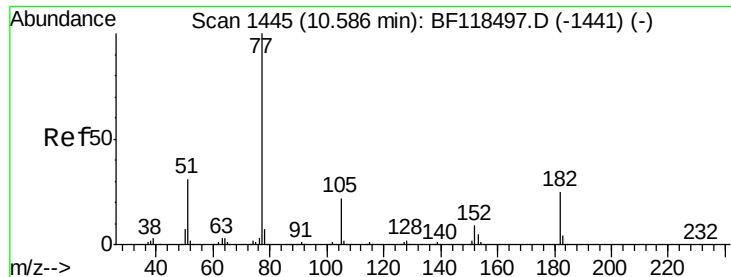
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#62
4-Nitroaniline
Concen: 35.085 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.9	27.9	67.9
108	81.9	64.7	104.7





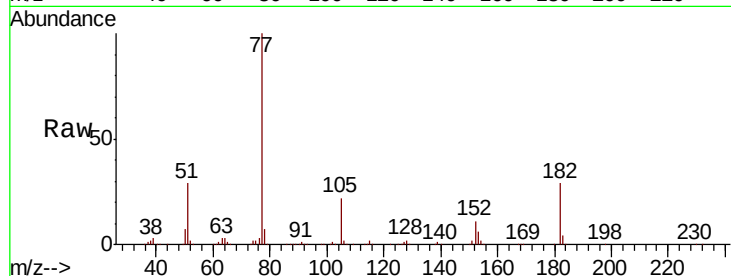
#63
Azobenzene
Concen: 45.216 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

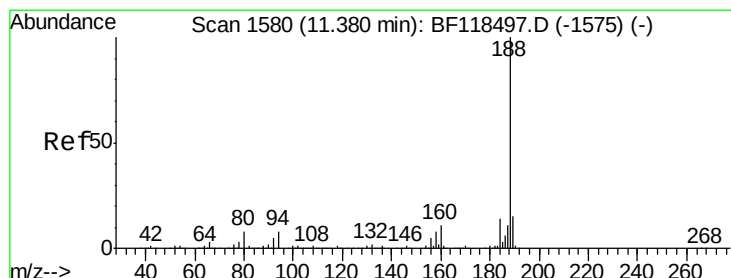
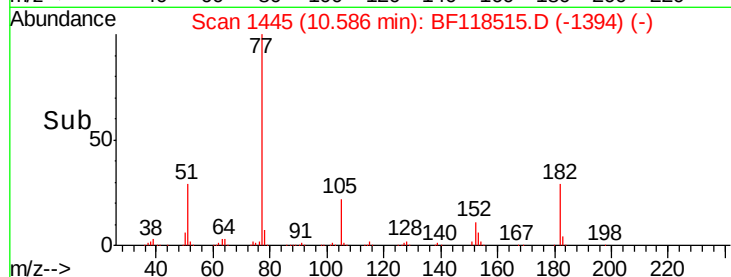
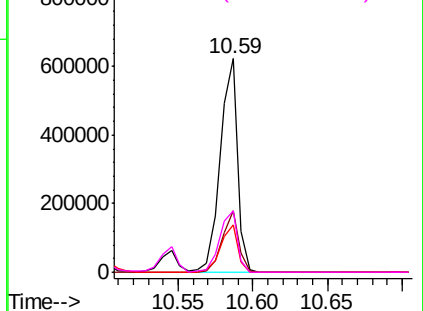
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	5.2	45.2
105	22.1	1.7	41.7
51	28.6	11.2	51.2

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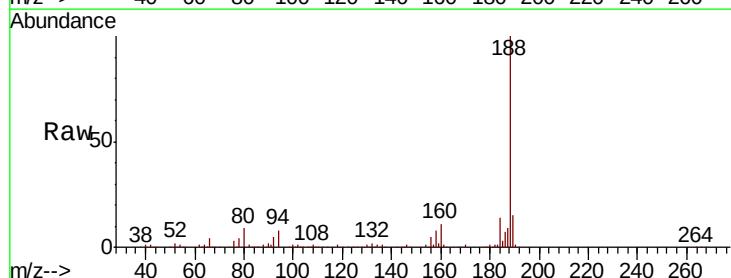


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

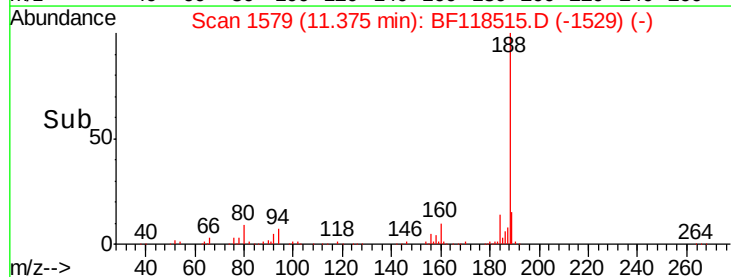
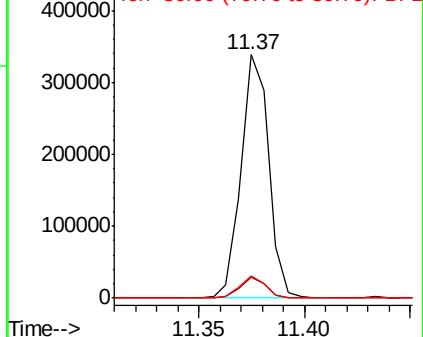


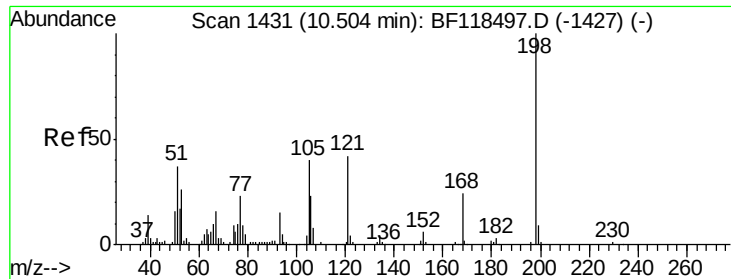
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.2	9.4
80	9.1	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





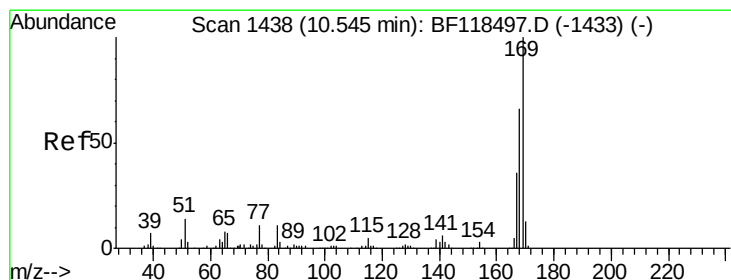
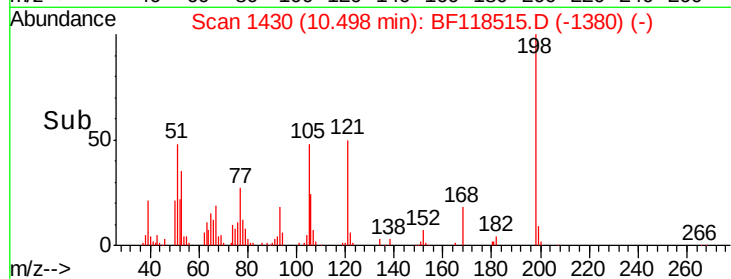
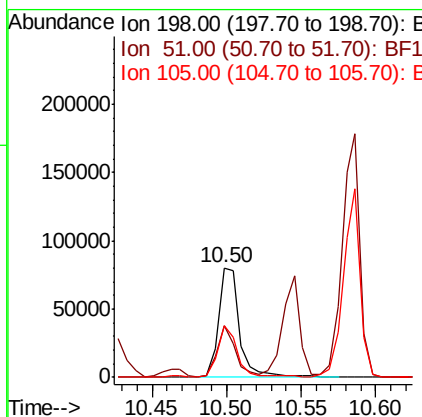
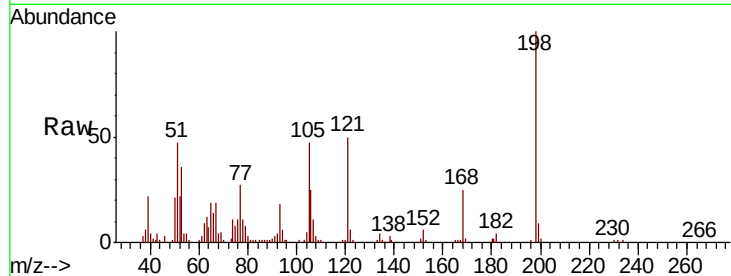
#65
4,6-Dinitro-2-methylphenol
Concen: 49.220 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampled :
PB126016BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	80063		
51	47.5		17.8	57.8
105	47.5		20.1	60.1

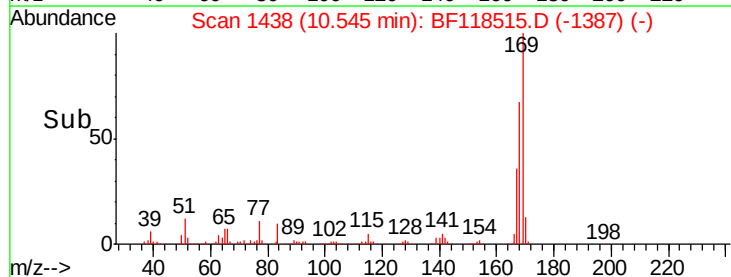
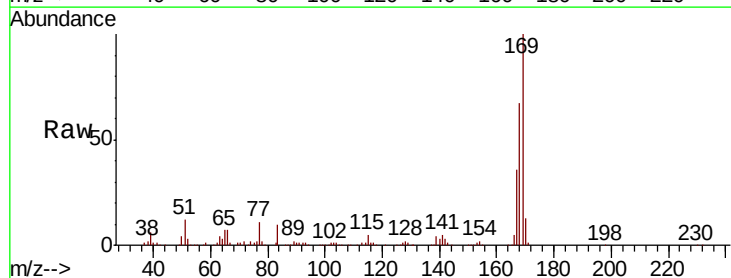
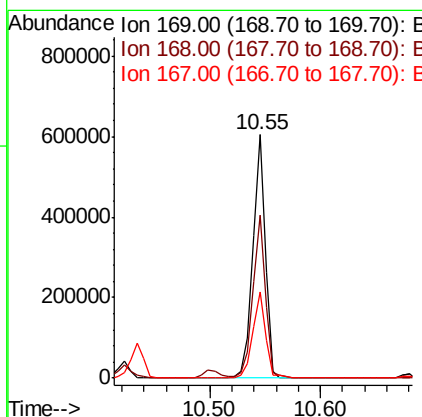
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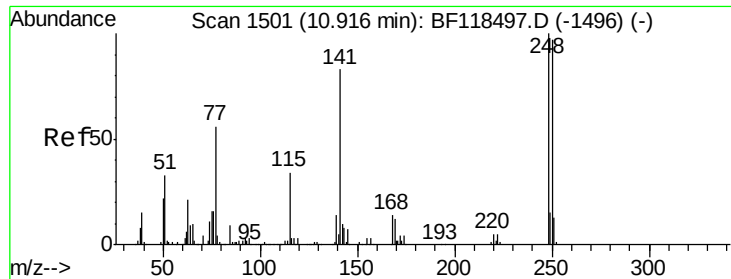
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#66
n-Nitrosodiphenylamine
Concen: 48.348 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	484473		
168	67.0		53.4	80.2
167	35.6		28.9	43.3





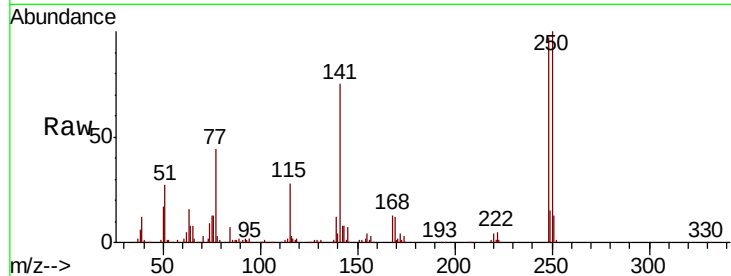
#67
4-Bromophenyl-phenylether
Concen: 40.680 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.6	77.4	116.0
141	77.4	66.2	99.4

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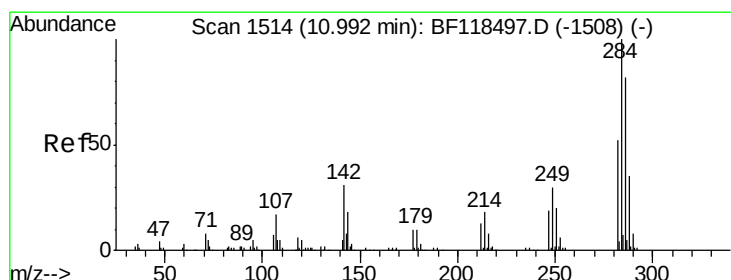
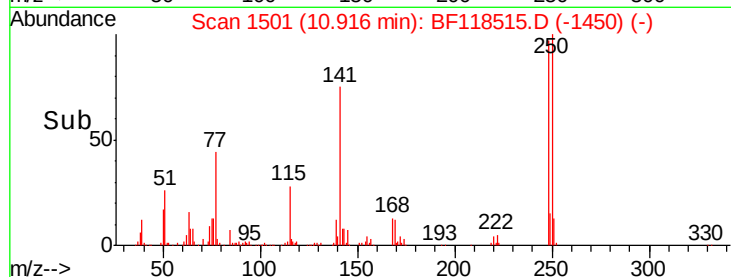
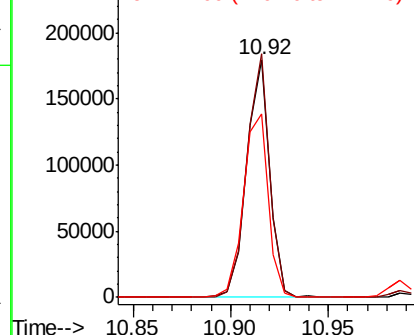


Abundance

Ion 248.00 (247.70 to 248.70): E

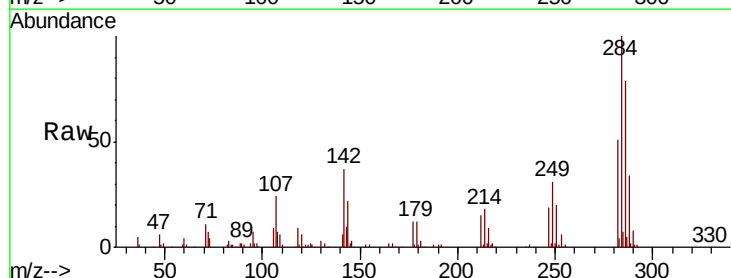
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.608 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	24.6	37.0#
249	31.0	24.0	36.0

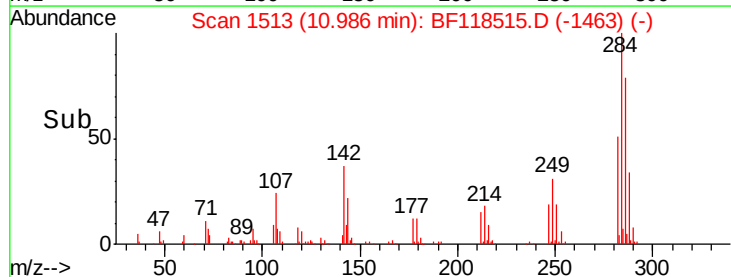
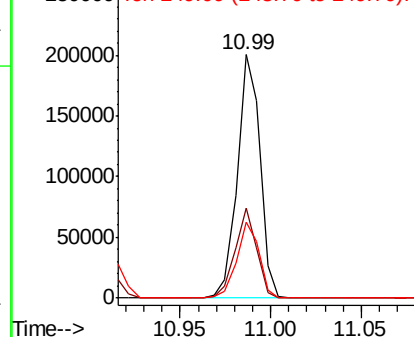


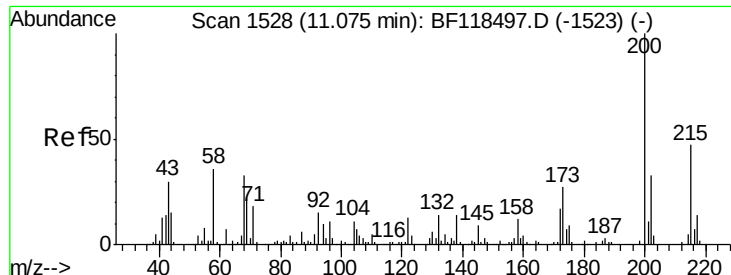
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





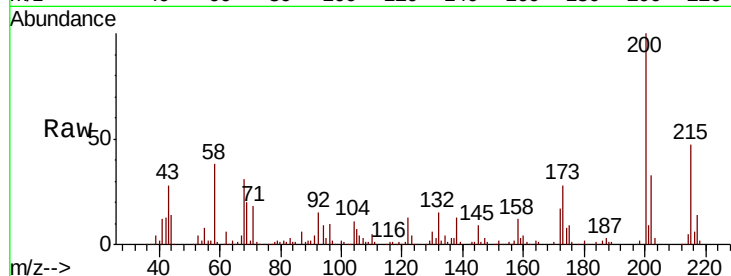
#69
Atrazine
Concen: 52.663 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

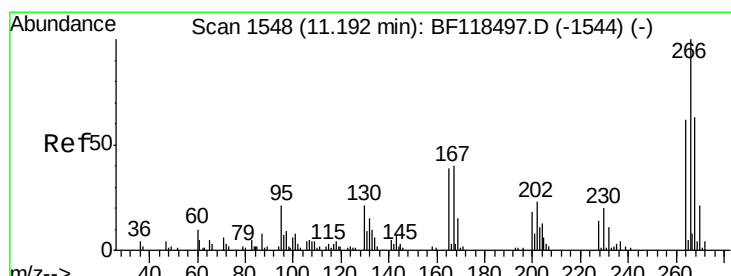
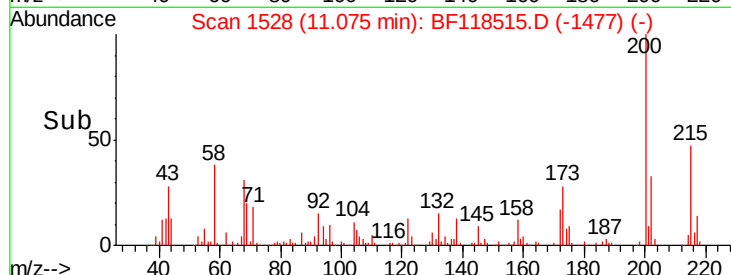
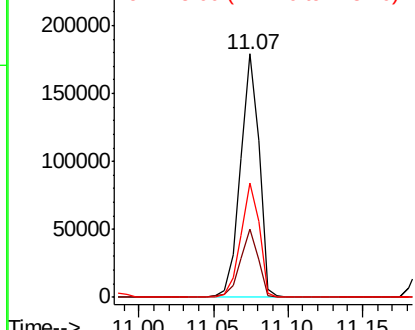
Tot Ion	Ratio	Resp	Lower	Upper
200	100	156804		
173	27.9	7.0	47.0	
215	46.9	27.0	67.0	

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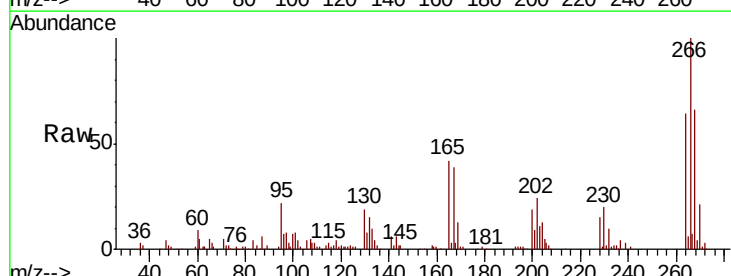


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

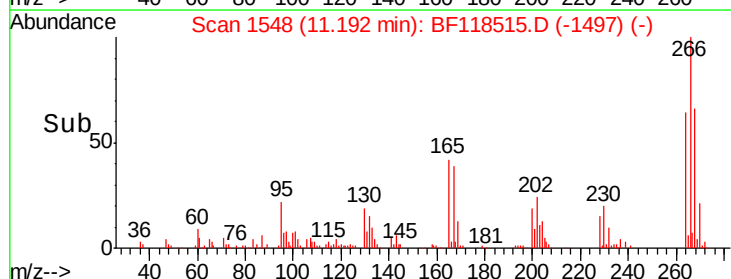
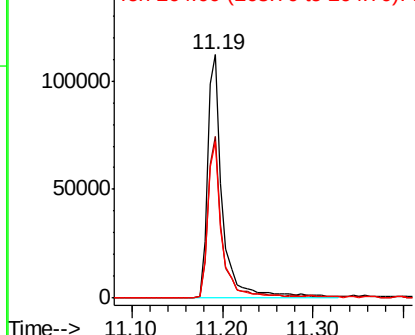


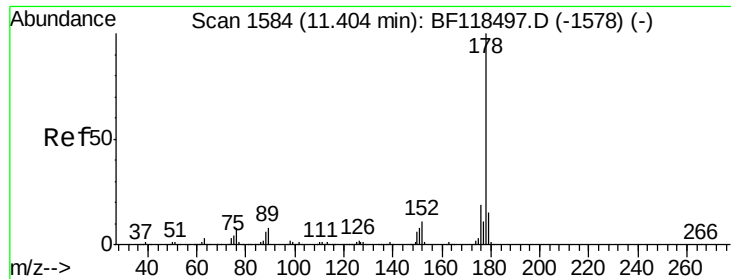
#70
Pentachlorophenol
Concen: 92.424 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	131229		
268	66.3	50.2	75.2	
264	64.4	49.4	74.0	



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: 38.487 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Instrument :

BNA_F

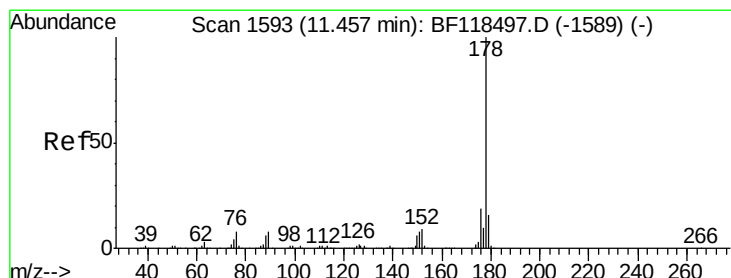
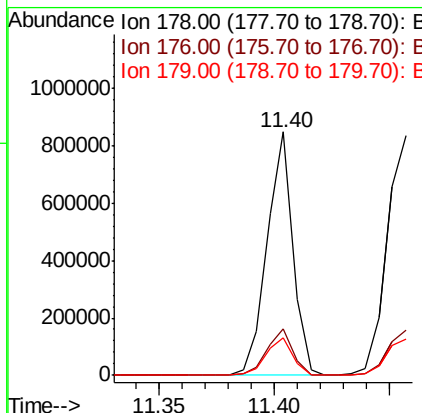
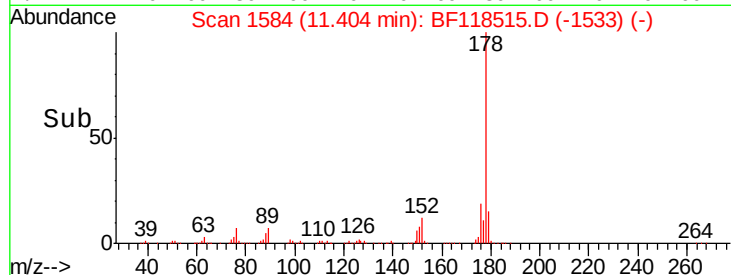
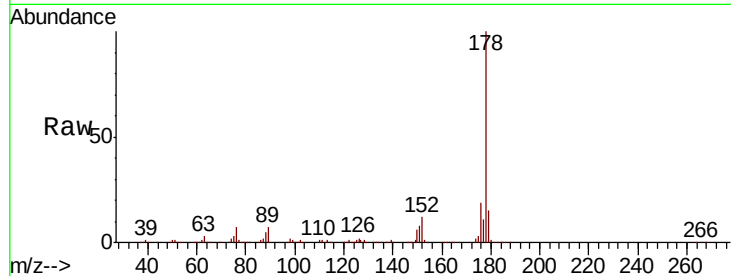
ClientSampleId :

PB126016BS

Tot Ion:178	Resp:	663407
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.2 22.8
179	15.4	12.3 18.5

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#72

Anthracene

Concen: 40.654 ng

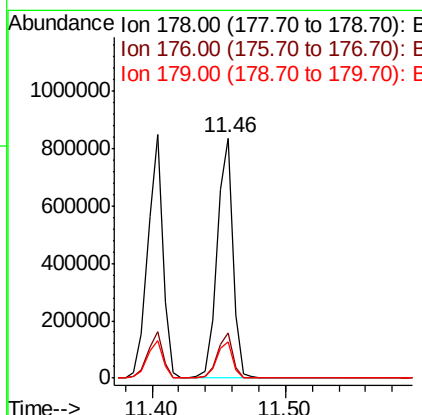
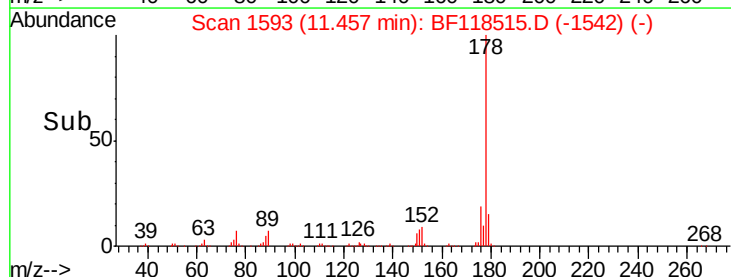
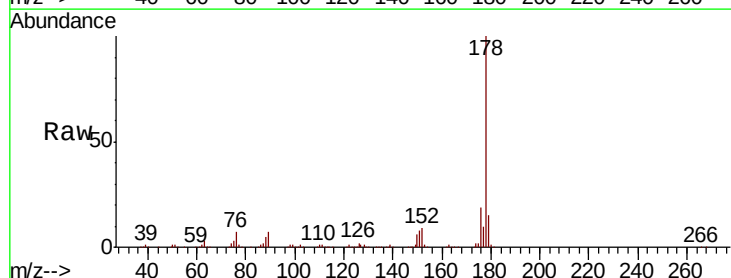
RT: 11.46 min Scan# 1593

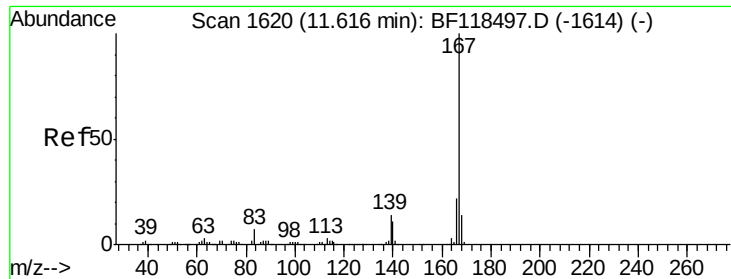
Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Tgt Ion:178	Resp:	697141
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.0 22.4
179	15.3	12.6 19.0





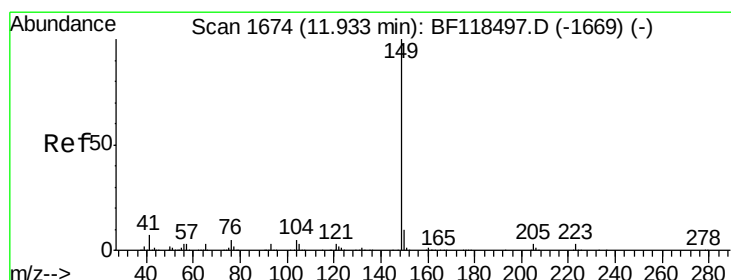
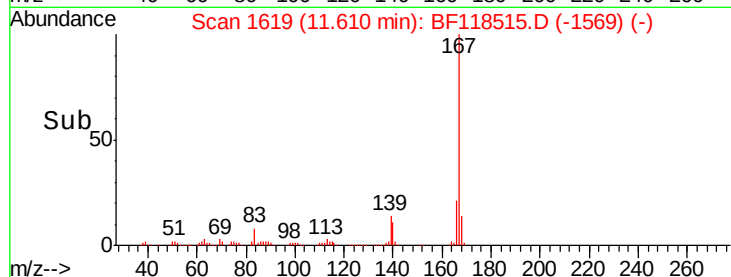
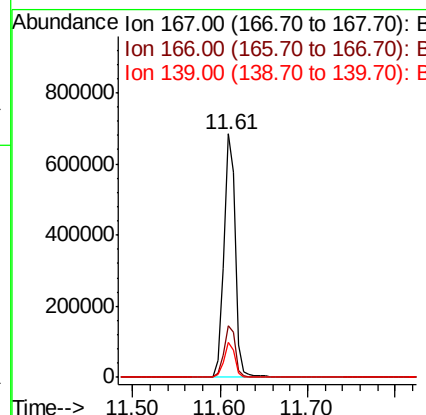
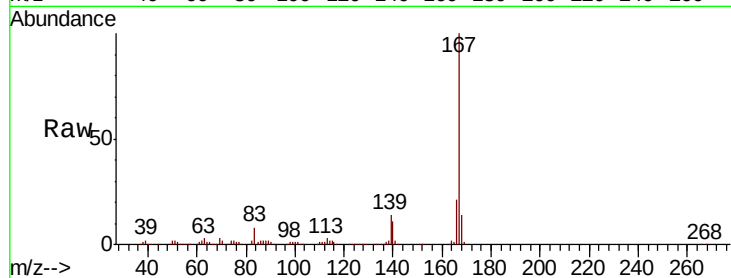
#73
 Carbazole
 Concen: 41.891 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB126016BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	622279		
166	21.4		17.4	26.2
139	14.2		10.9	16.3

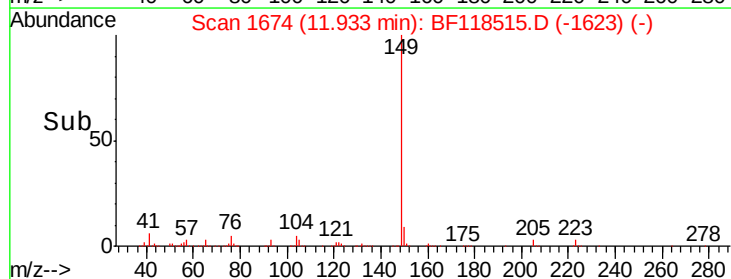
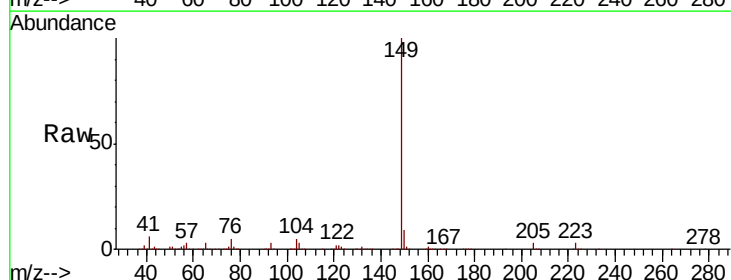
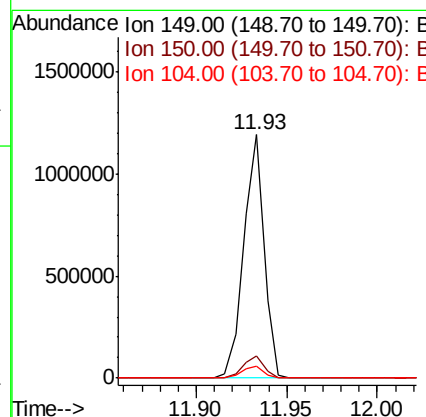
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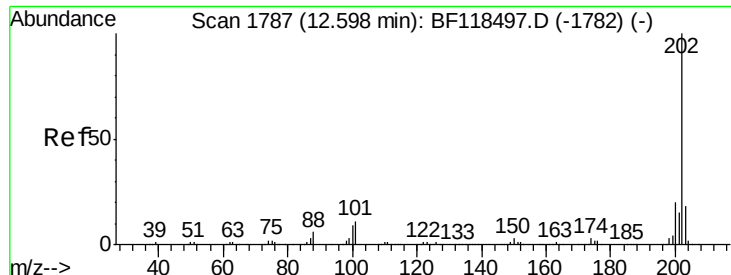
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#74
 Di-n-butylphthalate
 Concen: 47.006 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	931550		
150	9.3		7.8	11.8
104	4.9		4.2	6.4





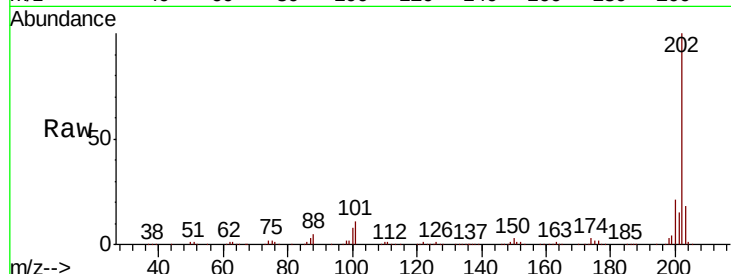
#75
 Fluoranthene
 Concen: 42.304 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB126016BS

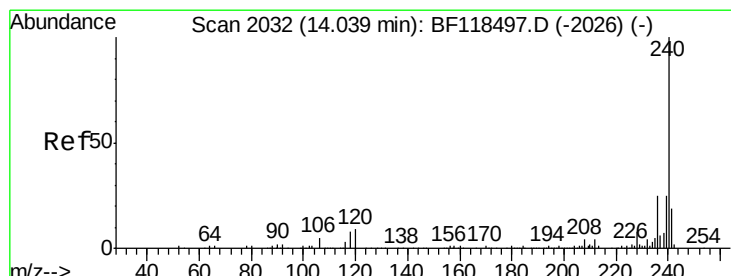
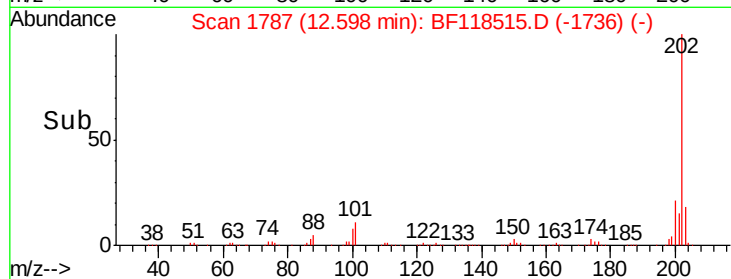
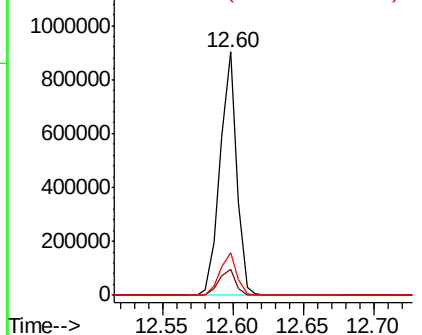
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.6	0.0	38.1

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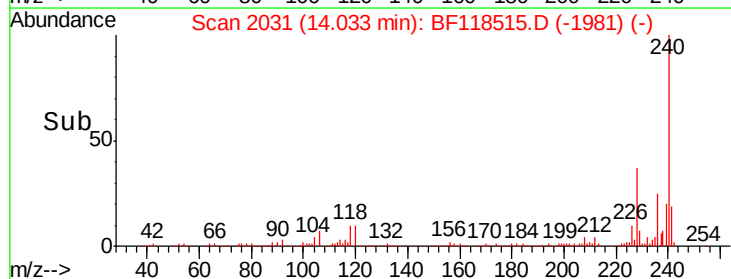
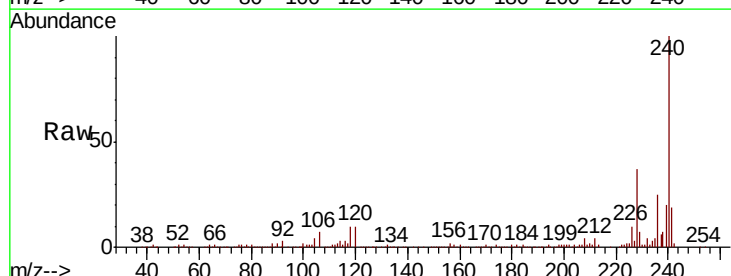
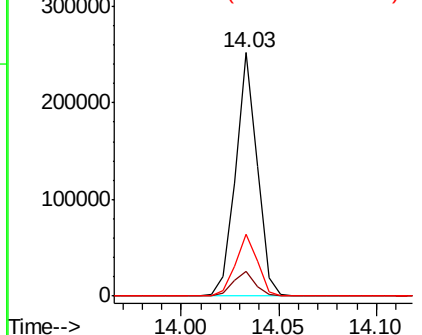
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

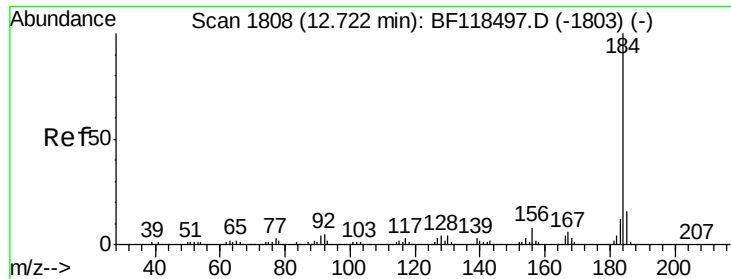


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	7.0	10.6
236	25.4	20.1	30.1

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: 35.313 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Instrument :

BNA_F

ClientSampleId :

PB126016BS

Tot Ion:184 Resp: 166328

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

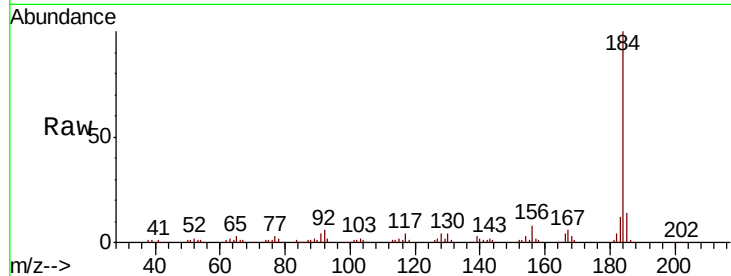
183 12.0 9.3 13.9

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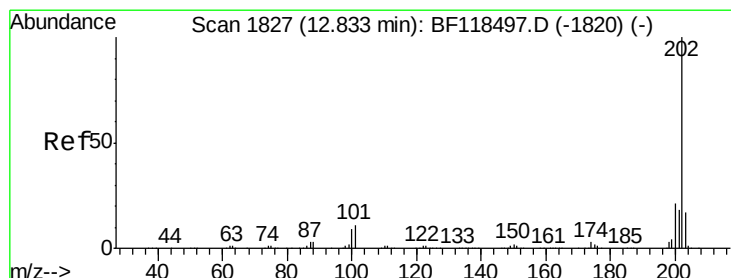
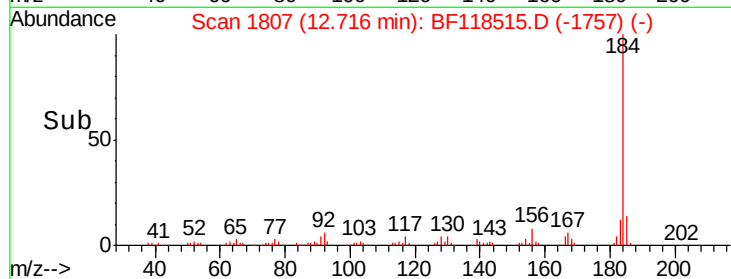
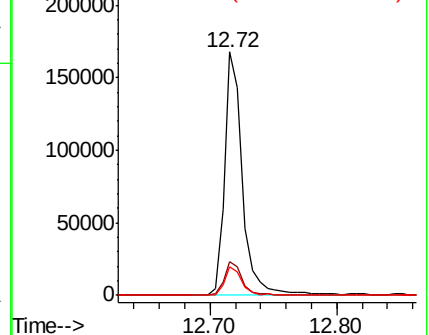
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.602 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

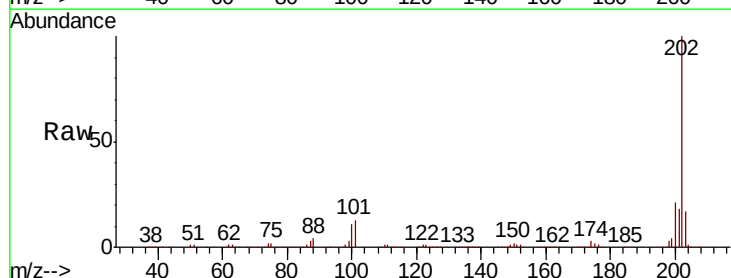
Tgt Ion:202 Resp: 775767

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

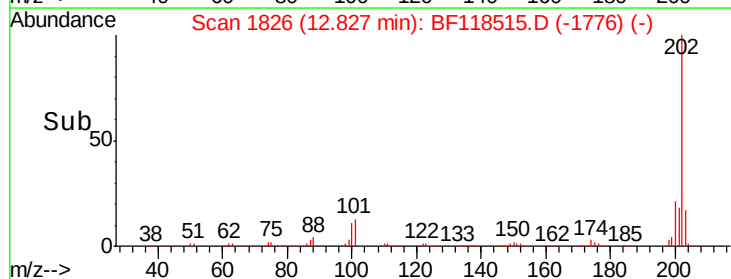
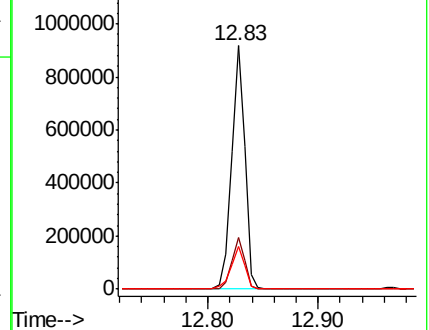
203 17.5 13.9 20.9

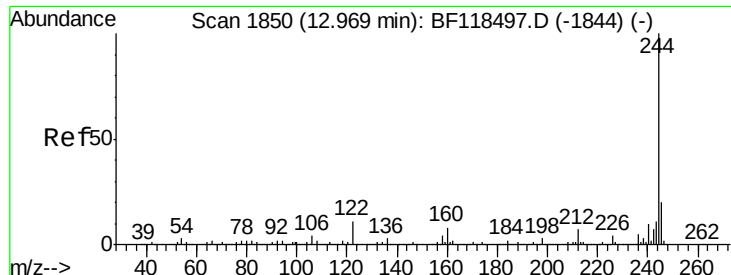


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





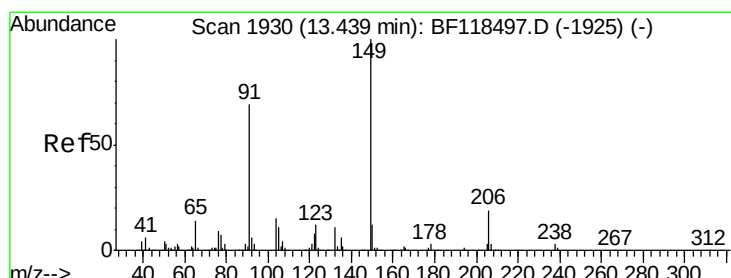
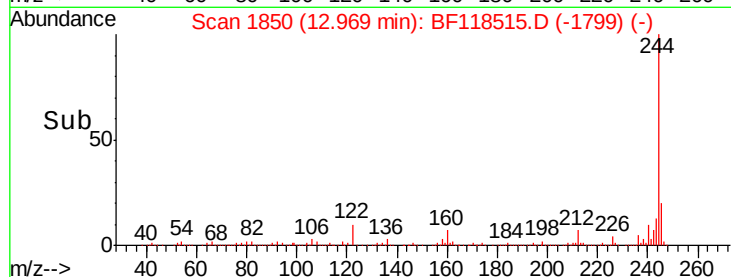
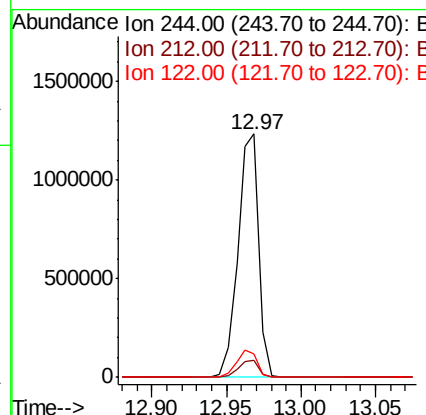
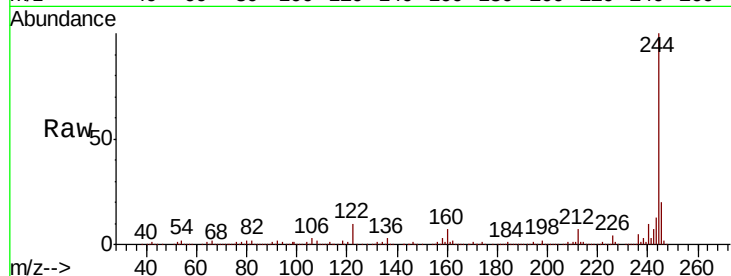
#79
 Terphenyl-d14
 Concen: 97.981 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB126016BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	9.9	9.0	13.6

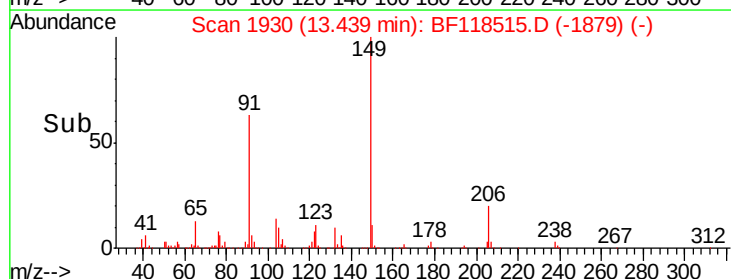
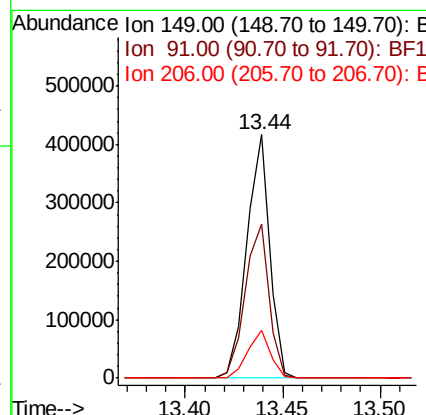
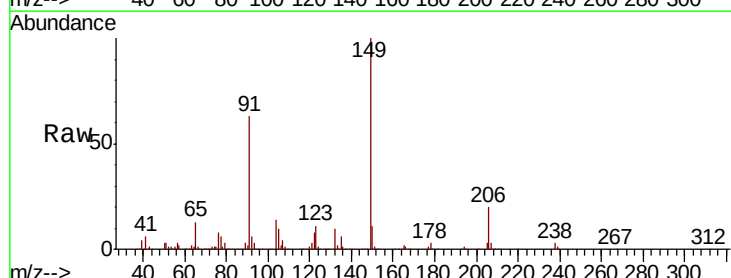
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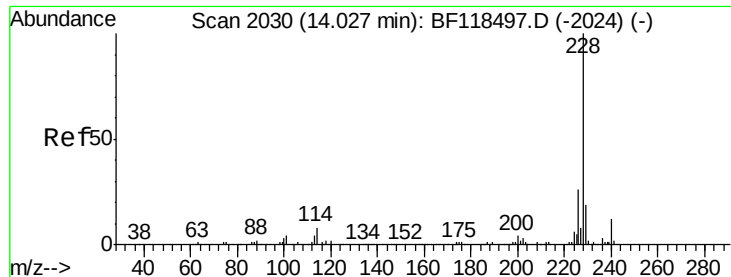
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.411 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.3	55.2	82.8
206	19.6	15.1	22.7





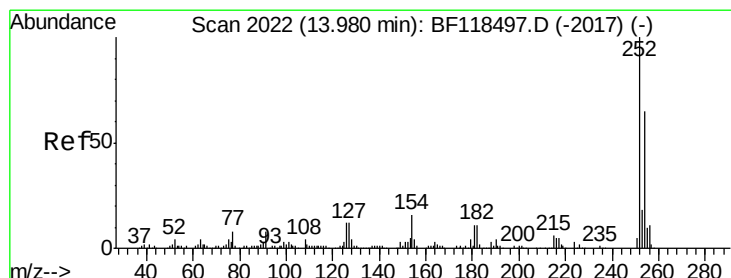
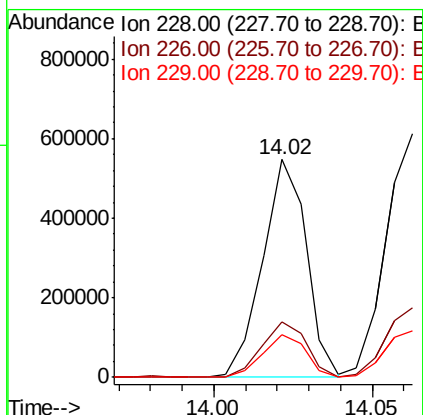
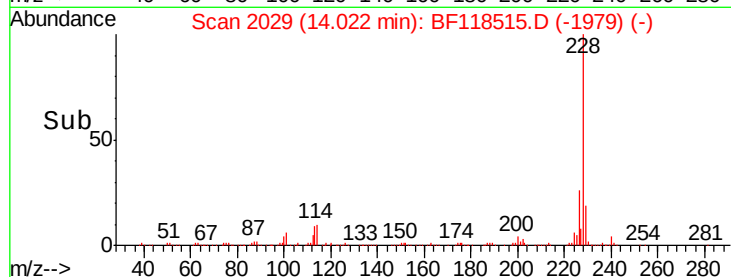
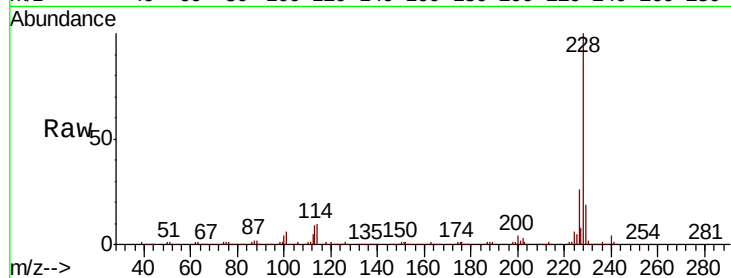
#81
Benzo(a)anthracene
Concen: 38.730 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.7	31.1
229	19.4	15.4	23.2

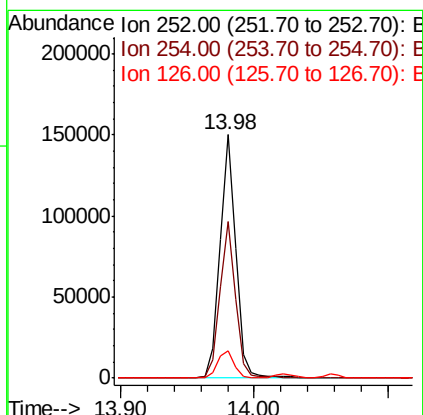
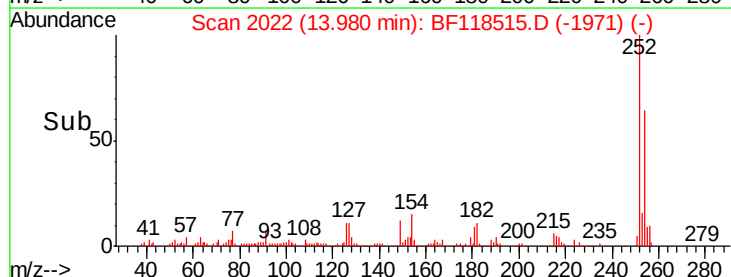
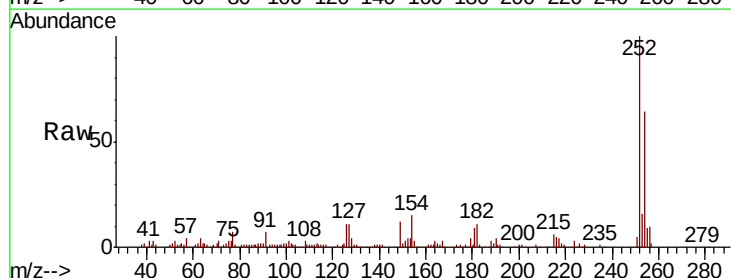
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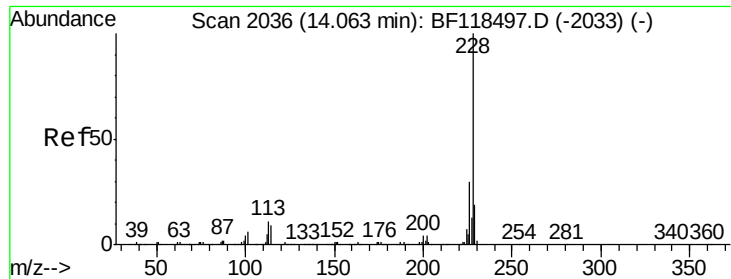
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 28.818 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.1	78.1
126	11.0	9.6	14.4





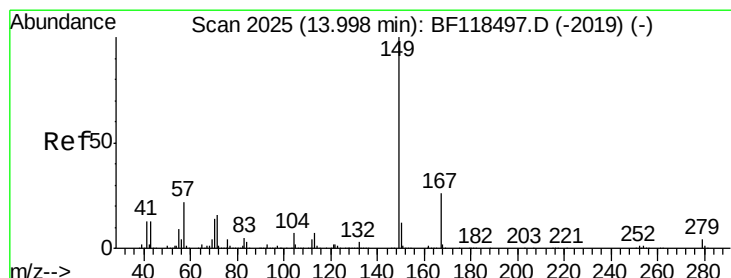
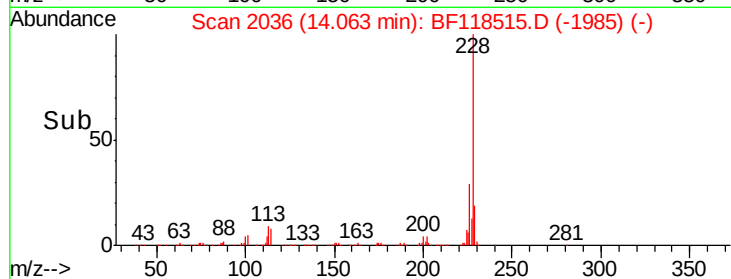
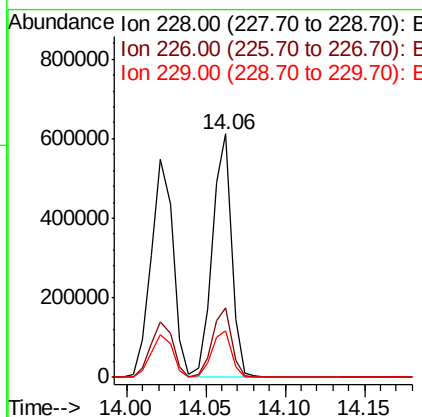
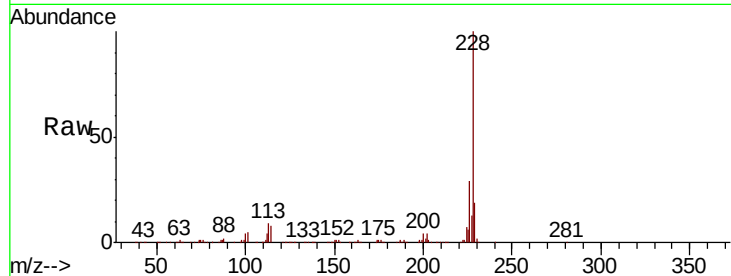
#83
 Chrysene
 Concen: 39.126 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB126016BS

Tot Ion:	228	Resp:	516289
Ion Ratio		Lower	Upper
228	100		
226	28.6	23.6	35.4
229	19.0	15.6	23.4

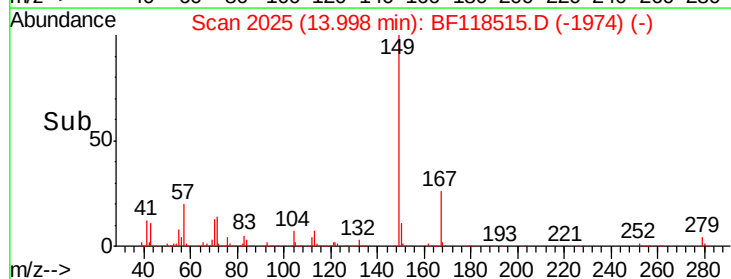
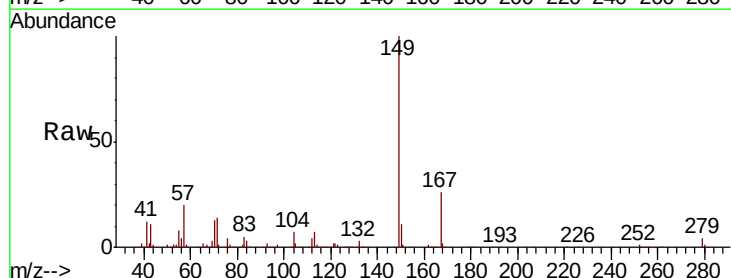
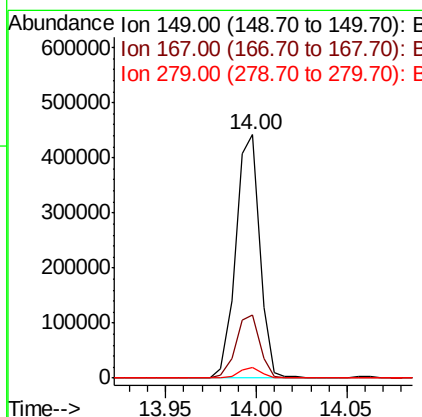
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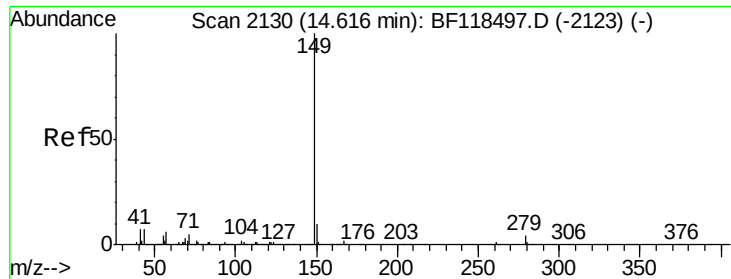
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.141 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF118515.D
 Acq: 10 Jan 2020 15:06

Tgt Ion:	149	Resp:	408332
Ion Ratio		Lower	Upper
149	100		
167	26.1	20.6	30.8
279	4.2	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 49.336 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

Instrument :

BNA_F

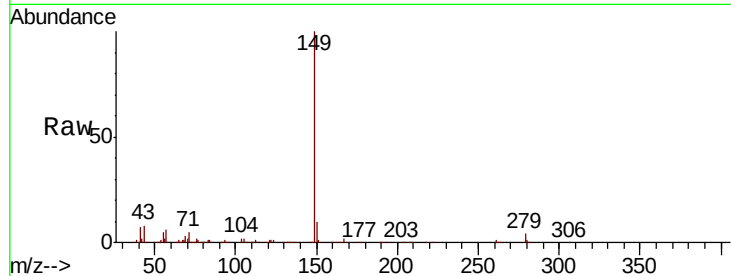
ClientSampleId :

PB126016BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	702365		
167	1.5		1.2	1.8
43	7.7		6.4	9.6

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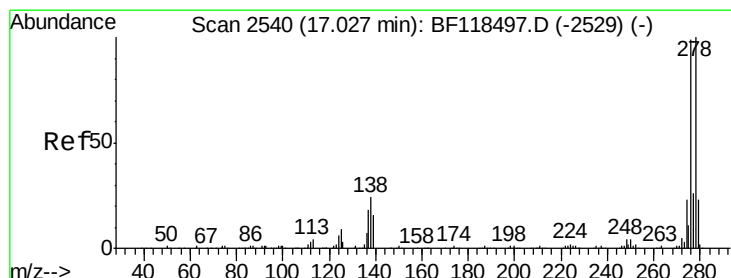
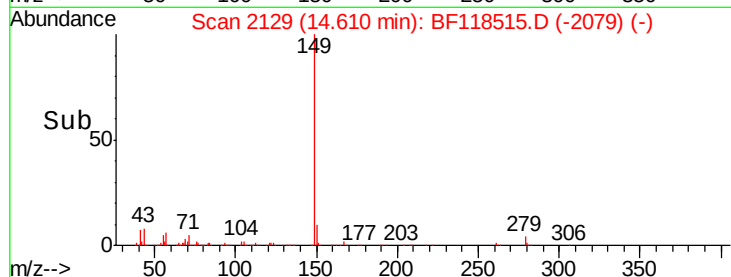
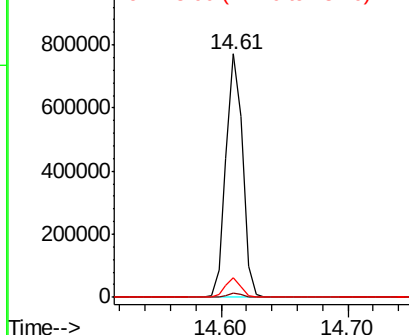


Abundance

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: 46.476 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BF118515.D

Acq: 10 Jan 2020 15:06

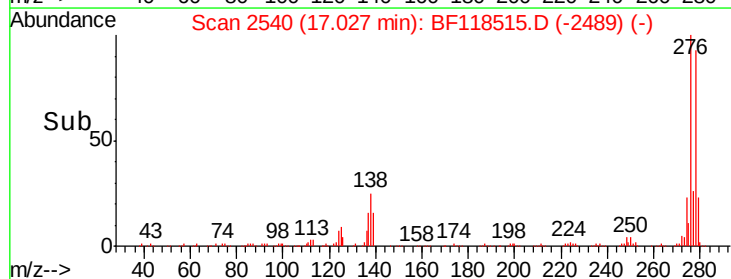
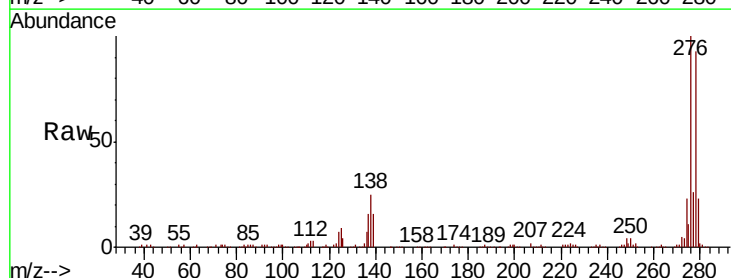
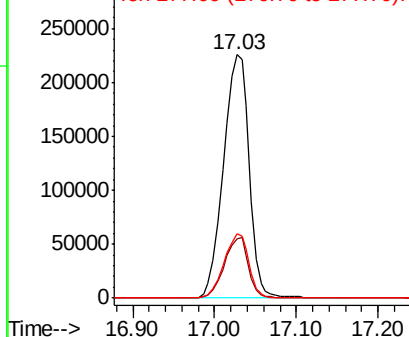
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	493739		
138	23.3		19.0	28.4
277	25.4		20.5	30.7

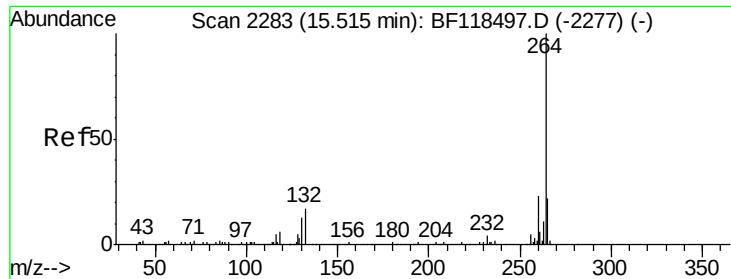
Abundance

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





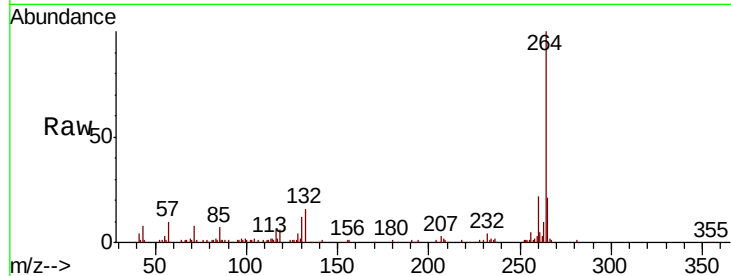
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.8	28.2
265	20.7	17.5	26.3

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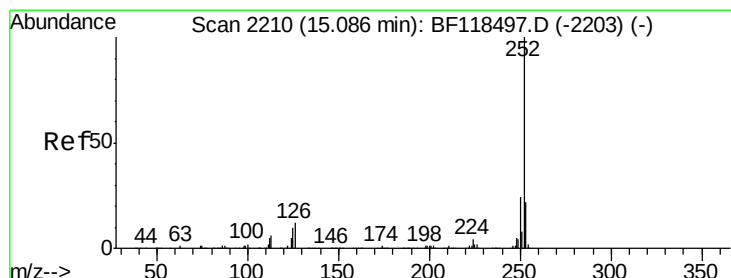
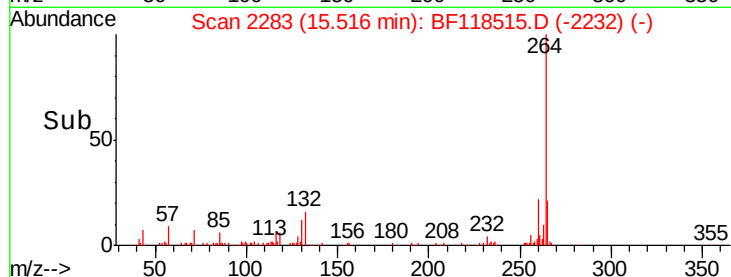
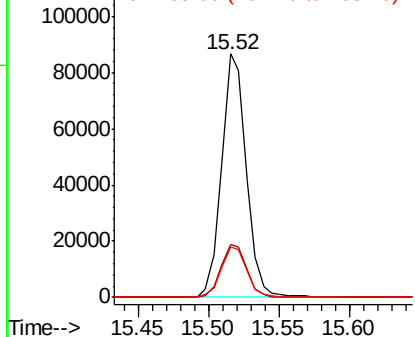


Abundance

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: 62.582 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

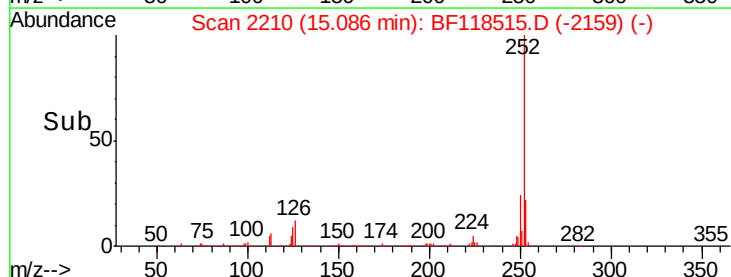
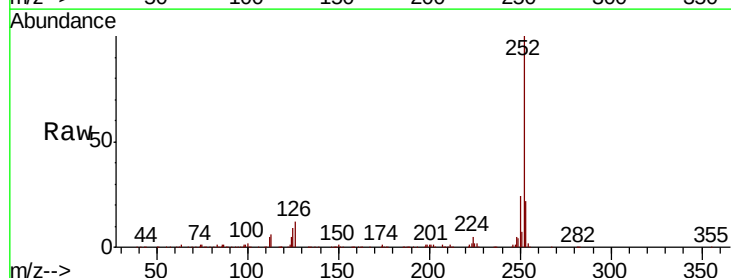
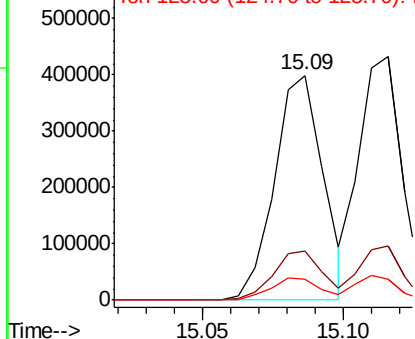
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.2	7.8	11.6

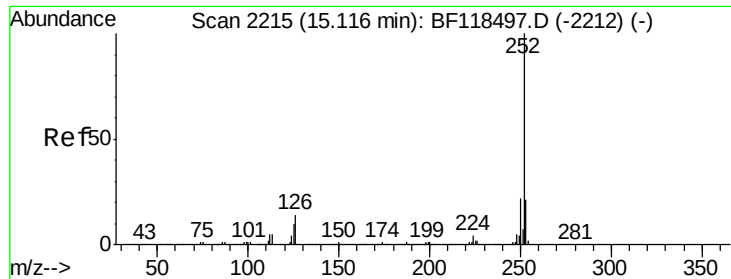
Abundance

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





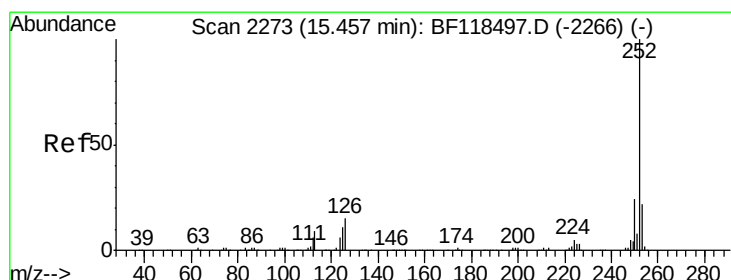
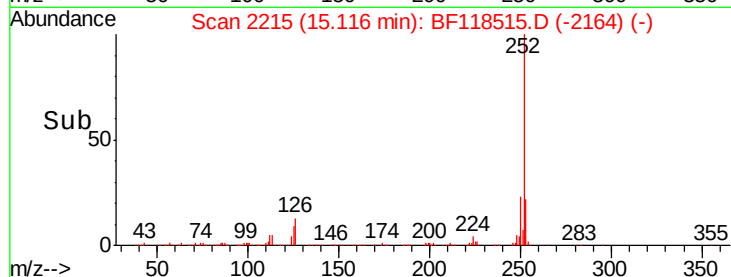
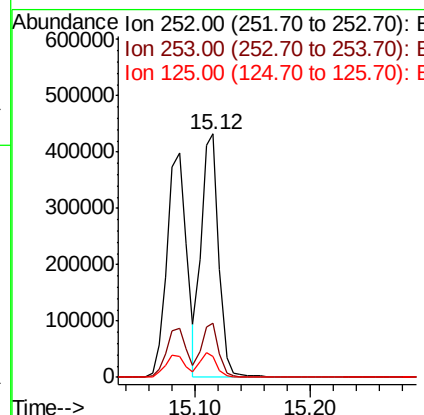
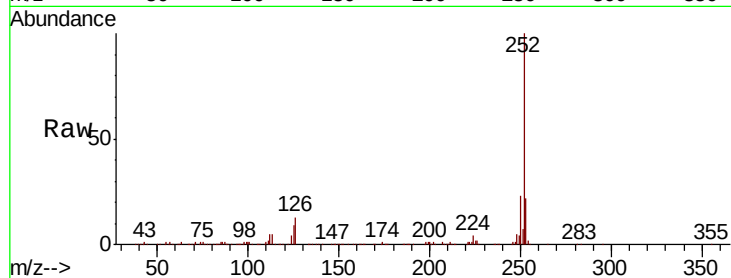
#89
Benzo(k)fluoranthene
Concen: 63.643 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	8.5	7.8	11.6

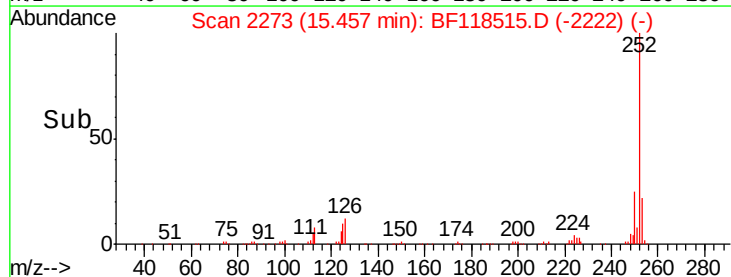
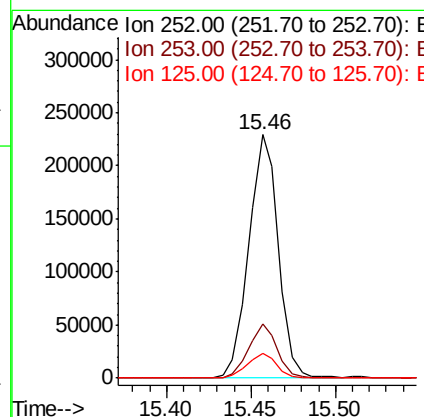
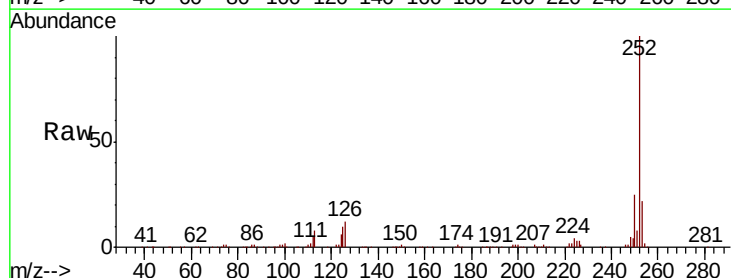
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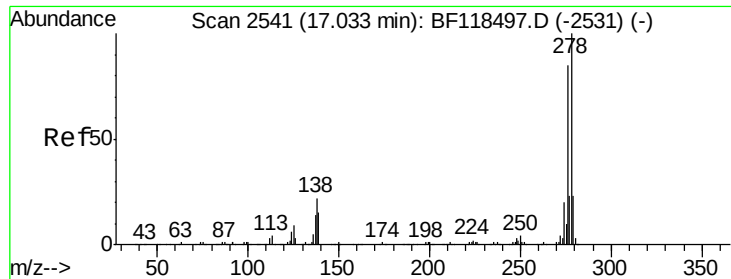
mohammad
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#90
Benzo(a)pyrene
Concen: 44.796 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.1	9.0	13.6





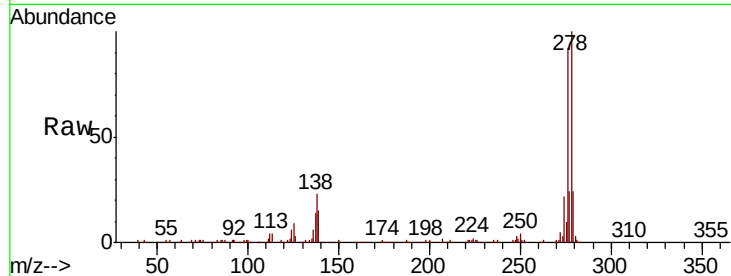
#91
Dibenzo(a,h)anthracene
Concen: 70.359 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.9	17.9
279	23.7	18.6	27.8

Manual Integrations
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1/13/2020 2:21:38 PM

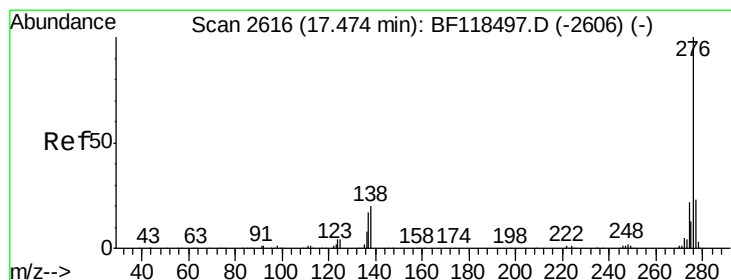
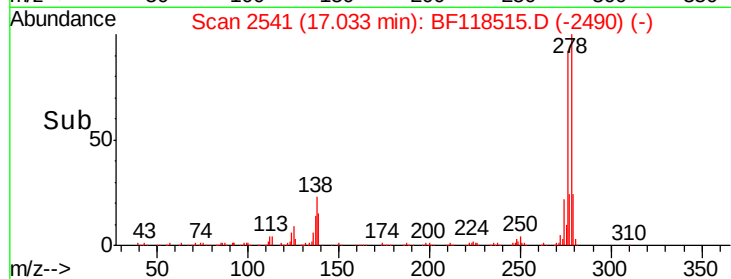
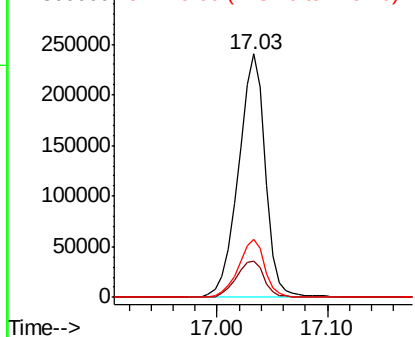


Abundance

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: 75.124 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.2	27.4
138	19.6	16.3	24.5

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

