

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119020.D
 Acq On : 24 Feb 2020 13:37
 Operator : CG/JU
 Sample : PB126979BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BS

Manual Integrations
 APPROVED

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 2/25/2020 4:19:11 PM

Quant Time: Feb 25 00:43:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	172420	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	662331	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	379642	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	722681	20.00	ng	0.00
76) Chrysene-d12	13.92	240	519293	20.00	ng	0.00
87) Perylene-d12	15.34	264	405677	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1077672	104.45	ng	0.01
7) Phenol-d6	6.40	99	1330461	106.03	ng	0.00
23) Nitrobenzene-d5	7.32	82	793307	63.24	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	514711	103.64	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1637325	63.54	ng	0.00
79) Terphenyl-d14	12.86	244	1961919	65.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	154352	33.602	ng	100
3) Pyridine	3.29	79	369681	29.468	ng	99
4) n-Nitrosodimethylamine	3.22	42	143635	37.795	ng	95
6) Aniline	6.42	93	411829	26.599	ng	# 20
8) 2-Chlorophenol	6.55	128	449421	40.364	ng	95
9) Benzaldehyde	6.30	77	197979	23.616	ng	99
10) Phenol	6.42	94	529275	39.014	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	405014	39.018	ng	99
12) 1,3-Dichlorobenzene	6.70	146	491064	36.797	ng	99
13) 1,4-Dichlorobenzene	6.77	146	494763	37.049	ng	99
14) 1,2-Dichlorobenzene	6.93	146	463403	38.049	ng	99
15) Benzyl Alcohol	6.90	79	383166	42.252	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	334124	37.159	ng	89
17) 2-Methylphenol	7.02	107	370513	41.044	ng	95
18) Hexachloroethane	7.27	117	176702	36.985	ng	99
19) n-Nitroso-di-n-propylamine	7.17	70	296641	40.572	ng	98
20) 3+4-Methylphenols	7.17	107	458455	41.453	ng	# 78
22) Acetophenone	7.17	105	595224	38.841	ng	97
24) Nitrobenzene	7.34	77	463394	37.356	ng	99
25) Isophorone	7.58	82	845923	38.830	ng	99
26) 2-Nitrophenol	7.66	139	256340	39.001	ng	97
27) 2,4-Dimethylphenol	7.70	122	397520	44.563	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	519245	36.618	ng	100
29) 2,4-Dichlorophenol	7.90	162	408517	38.901	ng	100
30) 1,2,4-Trichlorobenzene	7.98	180	447114	35.910	ng	99
31) Naphthalene	8.06	128	1294869	37.697	ng	99
32) Benzoic acid	7.85	122	224311	36.346	ng	97
33) 4-Chloroaniline	8.11	127	320683	21.706	ng	99
34) Hexachlorobutadiene	8.18	225	263099	33.924	ng	97
35) Caprolactam	8.49	113	117109m	36.217	ng	
36) 4-Chloro-3-methylphenol	8.60	107	430320	40.490	ng	99
37) 2-Methylnaphthalene	8.75	142	911114	39.414	ng	100
38) 1-Methylnaphthalene	8.85	142	850278	39.112	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	447259	34.942	ng	99

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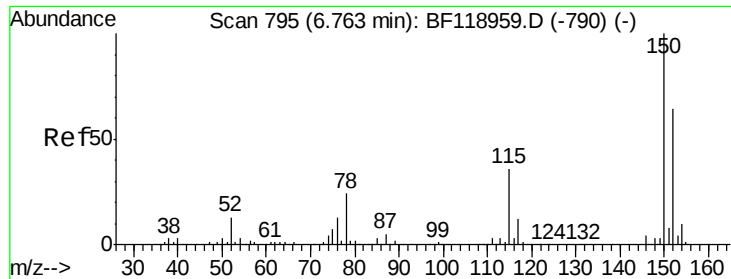
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Quant Time: Feb 25 00:43:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	269700	60.483	nq	97
43) 2,4,6-Trichlorophenol	9.03	196	300884	37.224	nq	99
44) 2,4,5-Trichlorophenol	9.08	196	318413	37.540	nq	# 94
46) 1,1'-Biphenyl	9.22	154	1101755	35.908	nq	99
47) 2-Chloronaphthalene	9.24	162	881624	35.656	nq	98
48) 2-Nitroaniline	9.34	65	250506	36.324	nq	98
49) Acenaphthylene	9.66	152	1367860	38.303	nq	99
50) Dimethylphthalate	9.52	163	1084144	37.345	nq	99
51) 2,6-Dinitrotoluene	9.58	165	248413	38.515	nq	98
52) Acenaphthene	9.83	154	797753	37.047	nq	99
53) 3-Nitroaniline	9.75	138	173605	24.279	nq	98
54) 2,4-Dinitrophenol	9.87	184	219087	70.835	nq	99
55) Dibenzofuran	10.00	168	1221251	37.997	nq	99
56) 4-Nitrophenol	9.93	139	322393	75.044	nq	98
57) 2,4-Dinitrotoluene	9.99	165	319632	38.233	nq	94
58) Fluorene	10.34	166	948003	37.958	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	268134	37.464	nq	99
60) Diethylphthalate	10.22	149	1032314	37.734	nq	100
61) 4-Chlorophenyl-phenylether	10.33	204	492965	37.290	nq	97
62) 4-Nitroaniline	10.37	138	247380	33.816	nq	96
63) Azobenzene	10.49	77	913281	38.406	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	176286	40.312	nq	94
66) n-Nitrosodiphenylamine	10.45	169	874580	36.959	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	334025	35.360	nq	96
68) Hexachlorobenzene	10.90	284	382159	35.089	nq	93
69) Atrazine	10.98	200	316221	38.248	nq	99
70) Pentachlorophenol	11.09	266	327781	74.713	nq	99
71) Phenanthrene	11.30	178	1438040	36.488	nq	100
72) Anthracene	11.35	178	1473100	37.409	nq	100
73) Carbazole	11.51	167	1295165	36.919	nq	99
74) Di-n-butylphthalate	11.84	149	1589977	37.425	nq	100
75) Fluoranthene	12.49	202	1537542	36.753	nq	99
77) Benzidine	12.60	184	423666	20.061	nq	97
78) Pyrene	12.72	202	1552801	37.239	nq	100
80) Butylbenzylphthalate	13.33	149	671925	38.287	nq	99
81) Benzo(a)anthracene	13.90	228	1299605	36.730	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	403940	29.400	nq	99
83) Chrysene	13.94	228	1278262	36.257	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	888024	40.052	nq	99
85) Di-n-octyl phthalate	14.50	149	1418230	40.147	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	1042813	30.547	nq	98
88) Benzo(b)fluoranthene	14.93	252	1158907	43.340	nq	99
89) Benzo(k)fluoranthene	14.96	252	1135275	45.813	nq	99
90) Benzo(a)pyrene	15.28	252	986674	40.884	nq	98
91) Dibenzo(a,h)anthracene	16.76	278	880045	41.444	nq	97
92) Benzo(g,h,i)perylene	17.17	276	874451	41.678	nq	98

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



#1

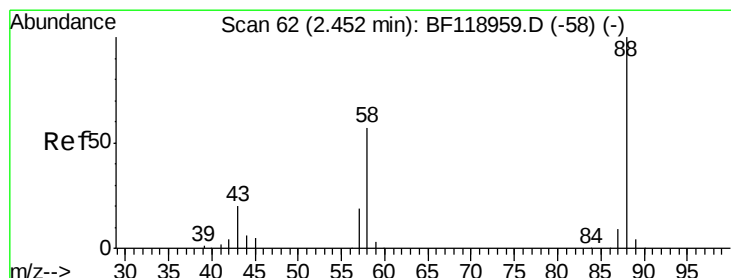
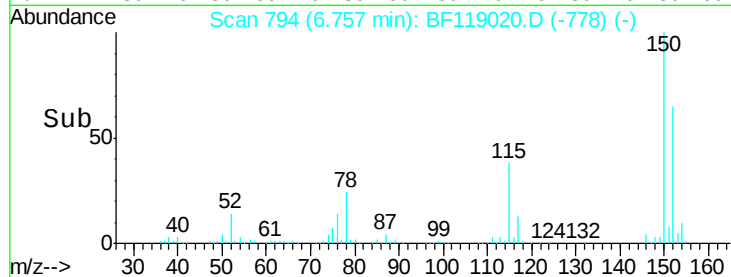
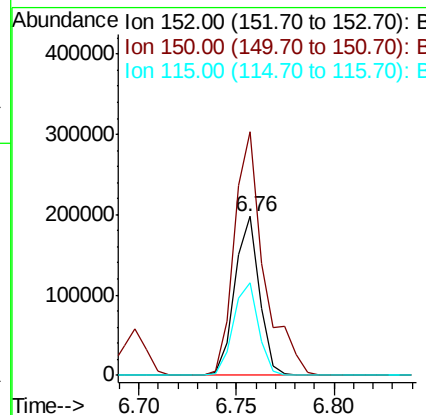
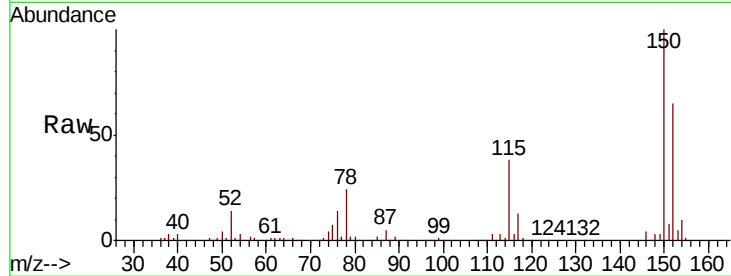
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.3	186.5
115	58.1	44.6	67.0

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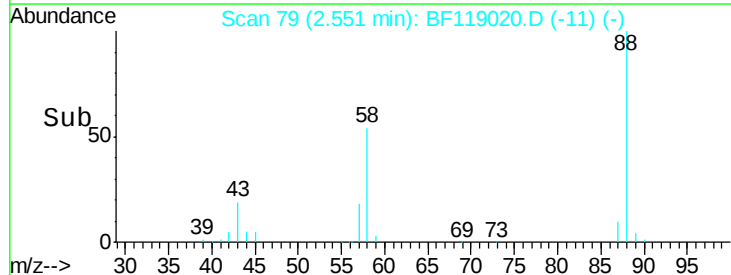
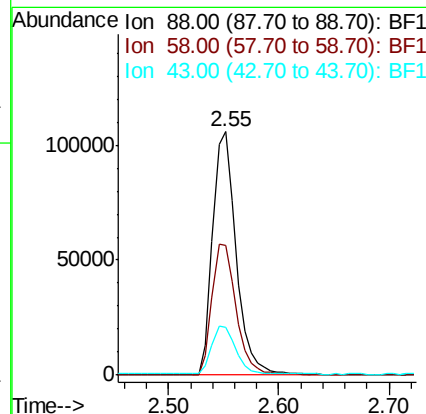
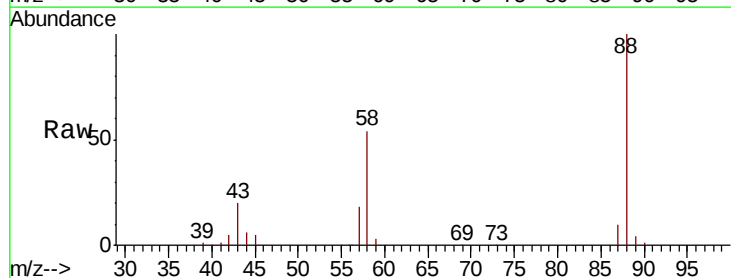
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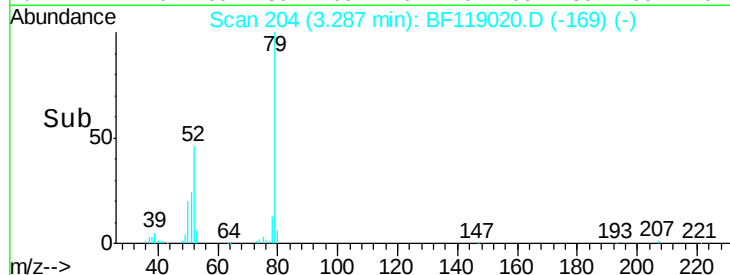
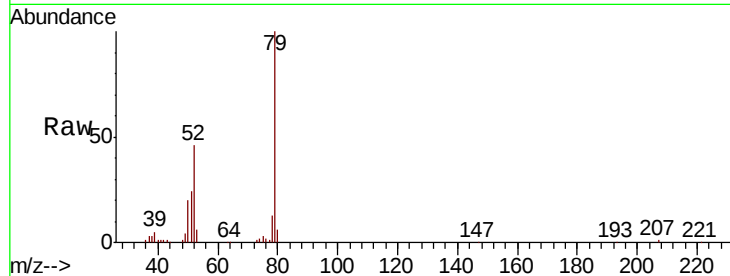
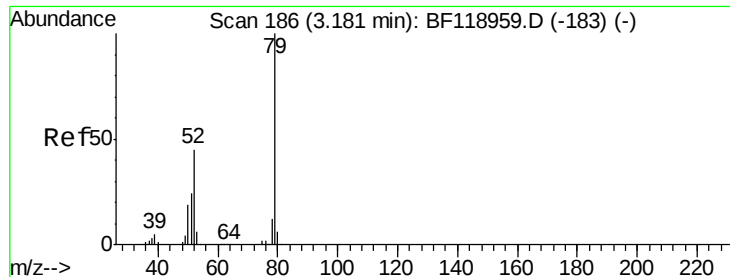


#2

1,4-Dioxane
Concen: 33.602 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.10 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.7	44.6	66.8
43	20.3	16.0	24.0





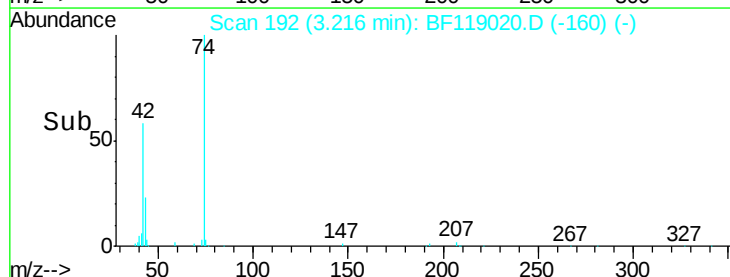
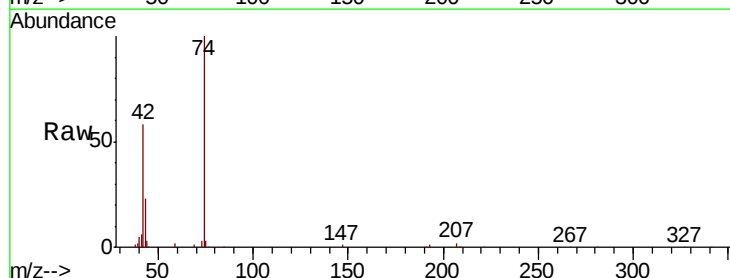
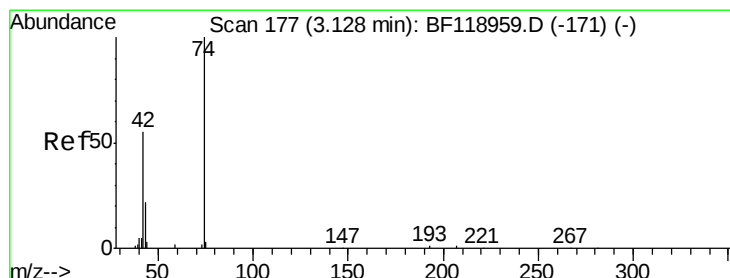
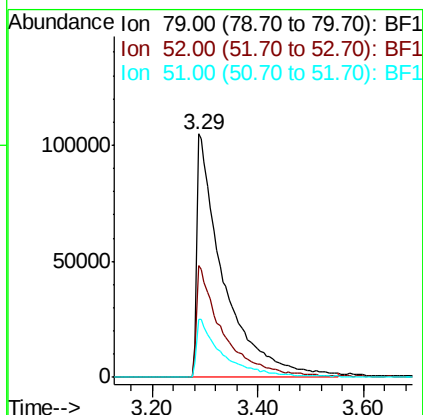
#3
Pvridine
Concen: 29.468 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.11 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.8	36.3	54.5
51	23.9	19.5	29.3

Instrument :
BNA_F
ClientSampleId :
PB126979BS

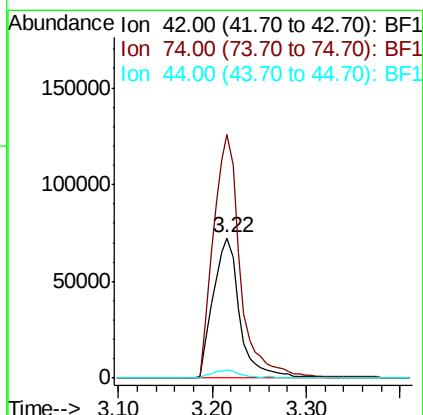
Manual Integrations
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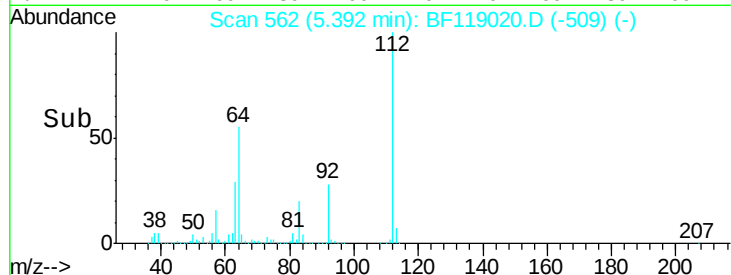
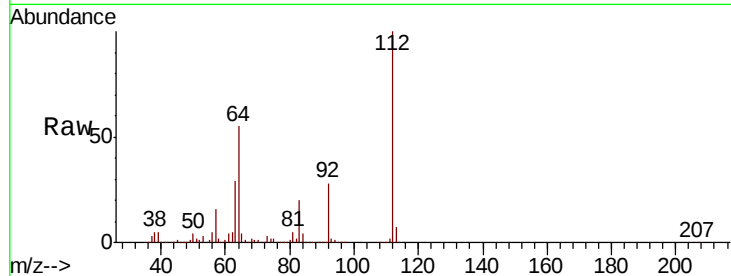
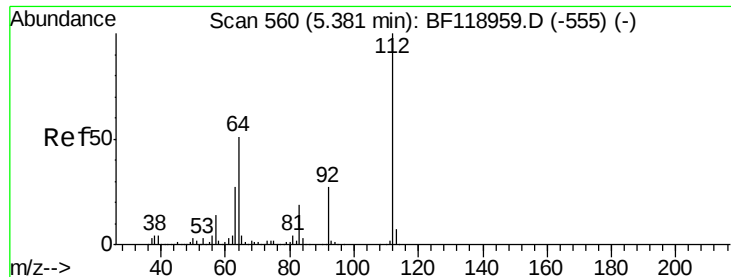
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#4
n-Nitrosodimethylamine
Concen: 37.795 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.09 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	173.7	144.4	216.6
44	5.7	4.5	6.7





#5

2-Fluorophenol

Concen: 104.453 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB126979BS

Tot Ion:112 Resp: 1077672

Ion Ratio Lower Upper

112 100

64 54.8 40.4 60.6

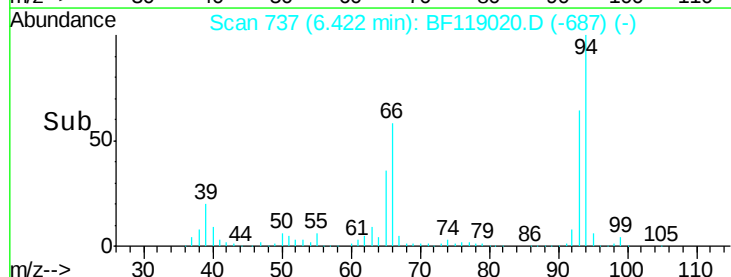
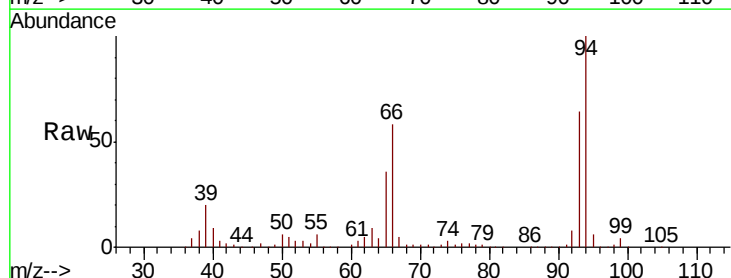
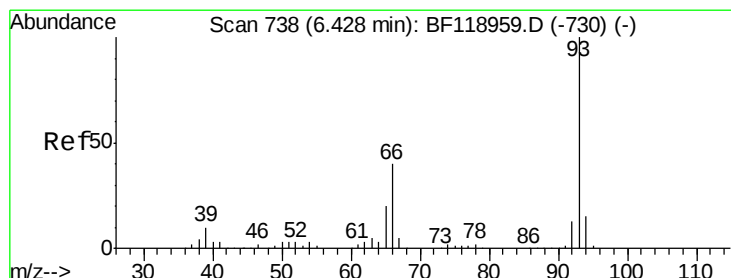
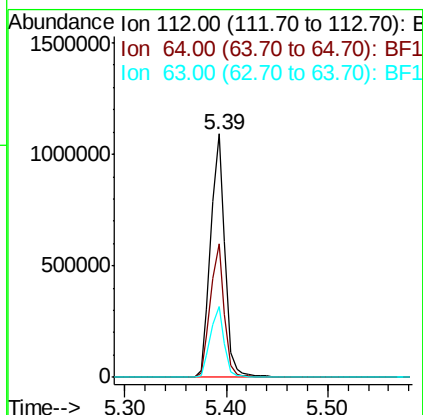
63 29.1 21.3 31.9

Manual Integrations

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#6

Aniline

Concen: 26.599 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

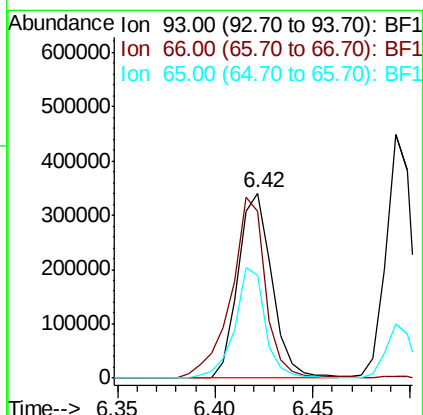
Tgt Ion: 93 Resp: 411829

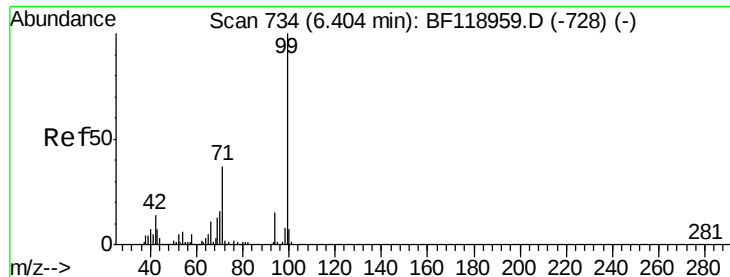
Ion Ratio Lower Upper

93 100

66 90.2 32.2 48.2#

65 55.8 16.1 24.1#





#7

Phenol-d6

Concen: 106.032 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB126979BS

Tot Ion: 99 Resp: 1330461

Ion Ratio Lower Upper

99 100

42 15.0 11.4 17.0

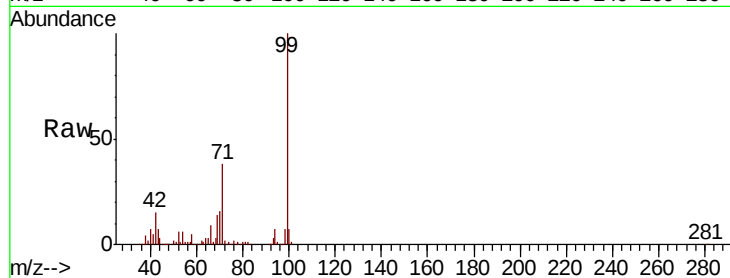
71 38.1 29.8 44.6

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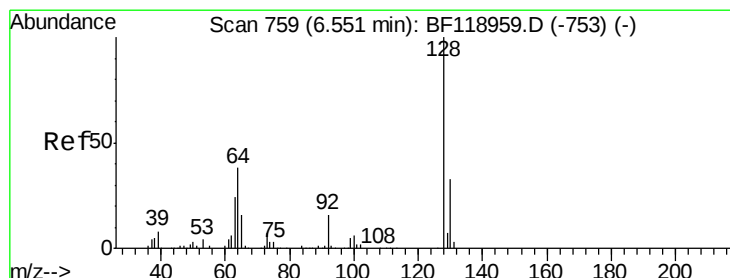
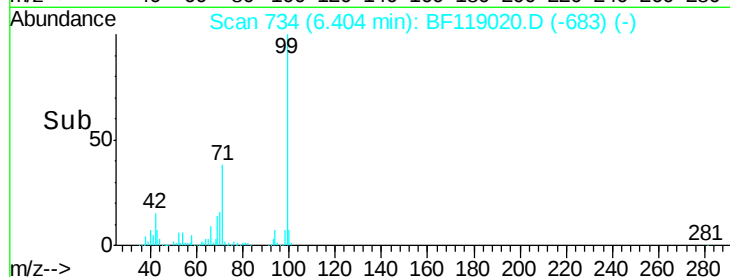
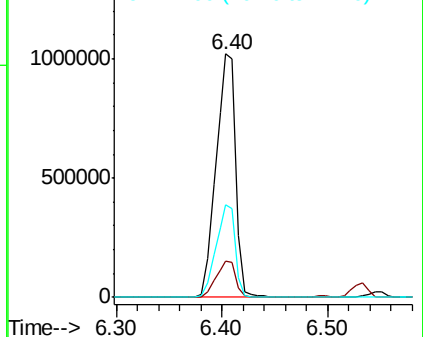
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.364 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

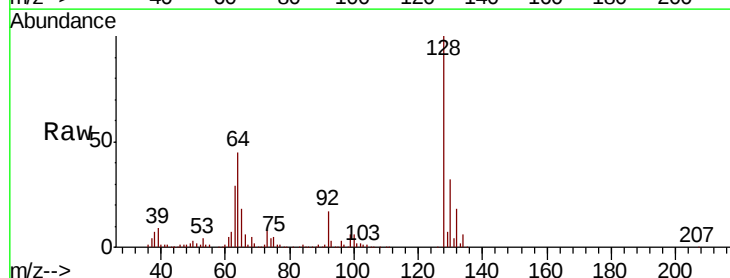
Tgt Ion: 128 Resp: 449421

Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

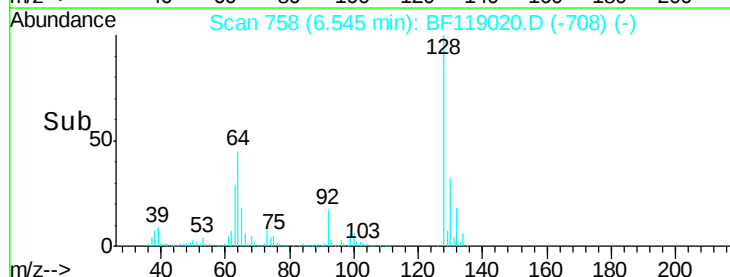
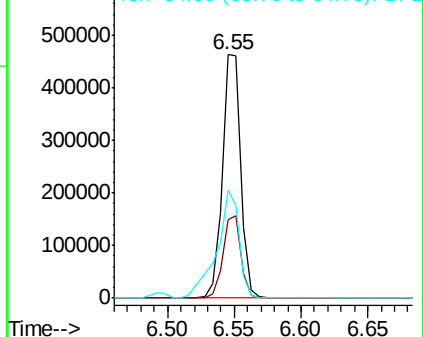
64 44.5 18.7 58.7

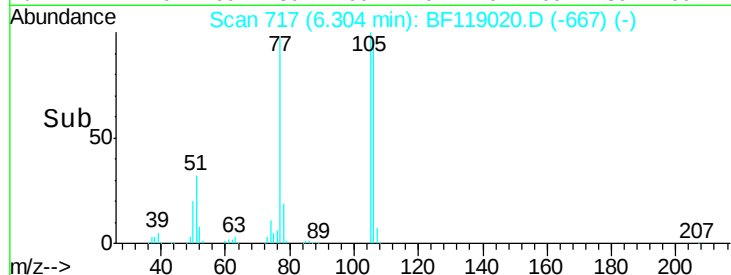
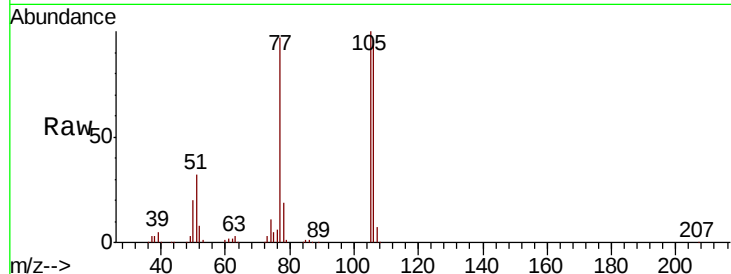
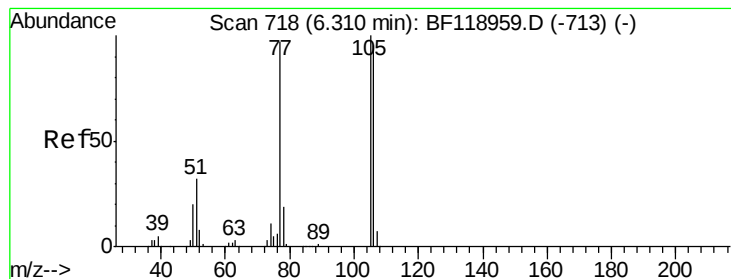


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.616 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Tot Ion:	77	Resp:	197979
Ion	Ratio	Lower	Upper
77	100		
105	102.8	83.0	123.0
106	99.1	78.3	118.3

Instrument :

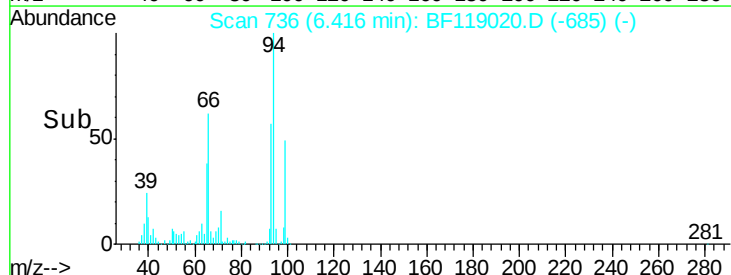
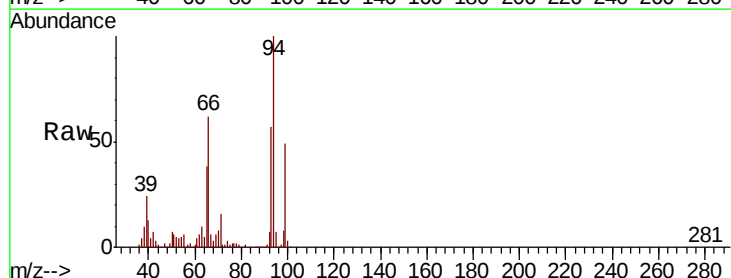
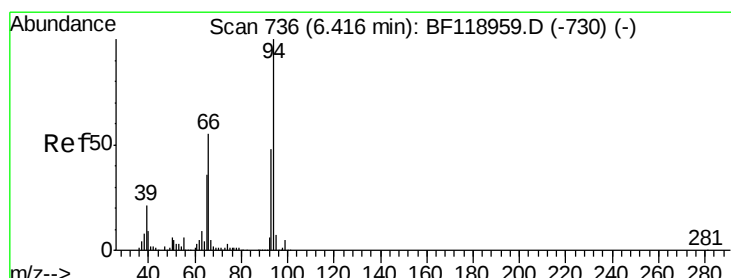
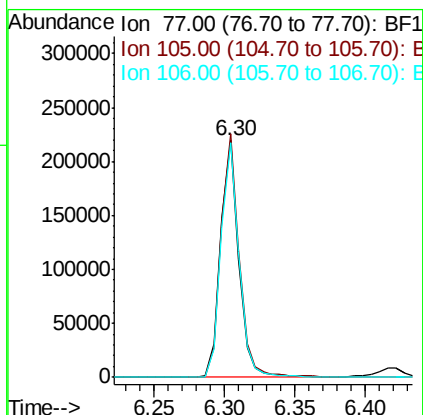
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 39.014 ng

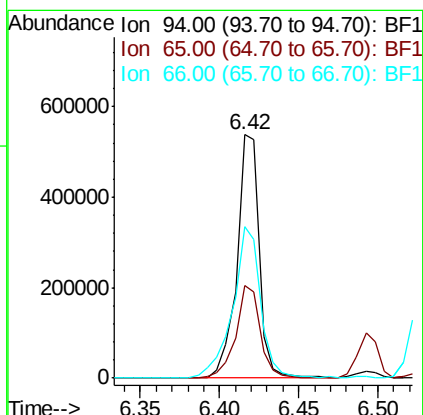
RT: 6.42 min Scan# 736

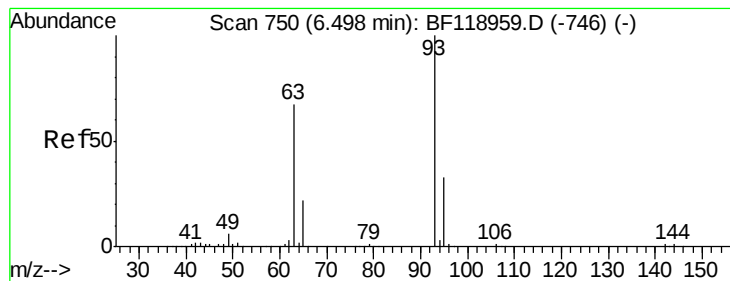
Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Tgt Ion:	94	Resp:	529275
Ion	Ratio	Lower	Upper
94	100		
65	37.8	15.5	55.5
66	62.0	35.6	75.6





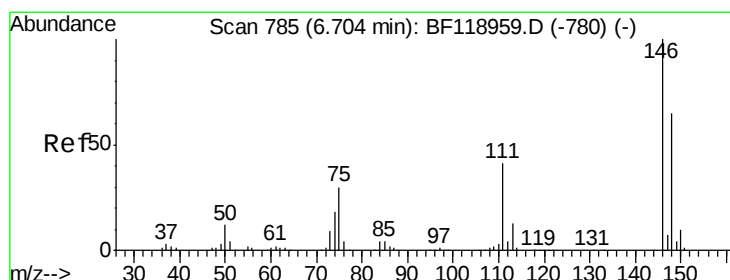
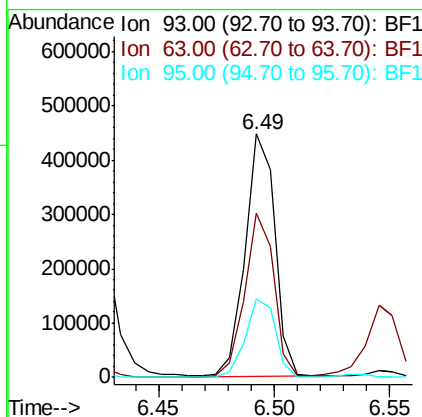
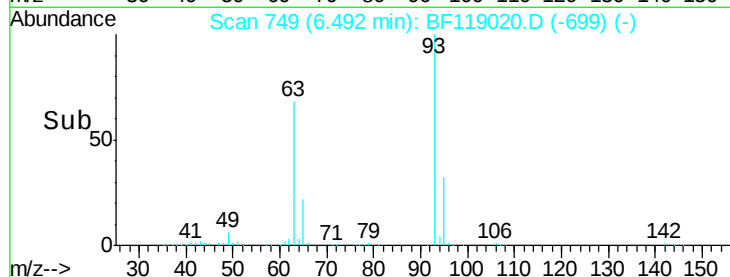
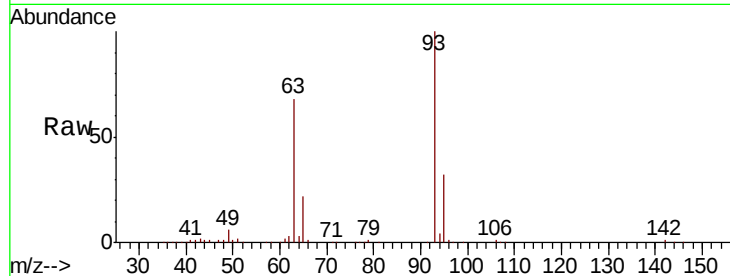
#11
bis(2-Chloroethyl)ether
Concen: 39.018 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.6	46.8	86.8
95	32.2	12.7	52.7

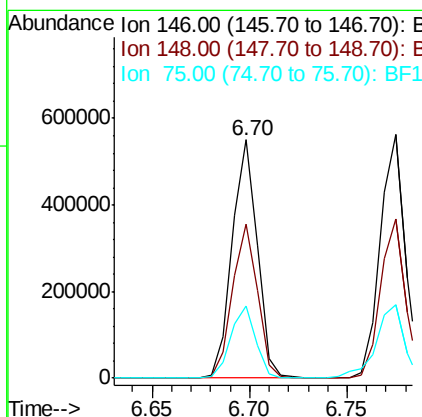
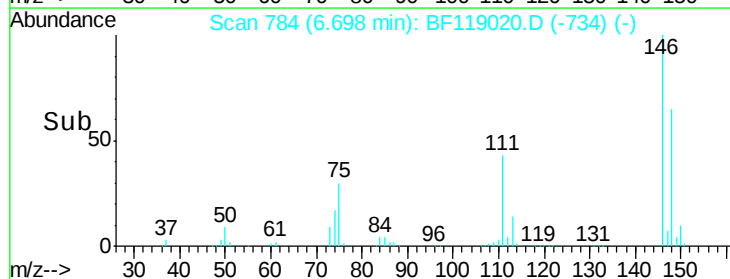
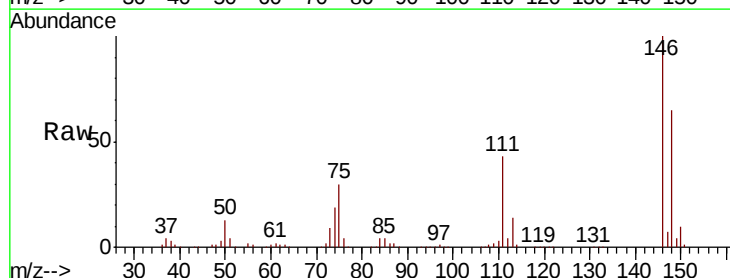
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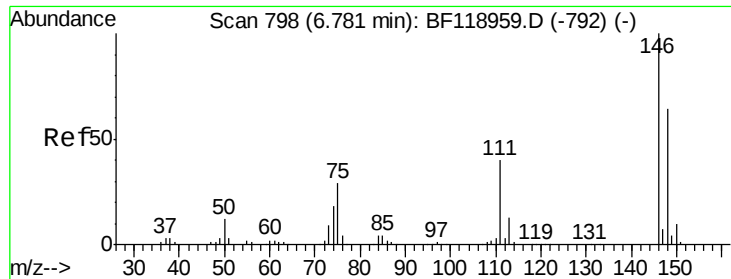
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.797 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	30.5	23.6	35.4





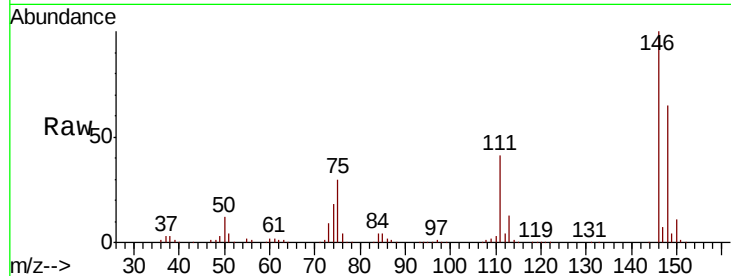
#13
 1,4-Dichlorobenzene
 Concen: 37.049 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
111	40.9	31.9	47.9

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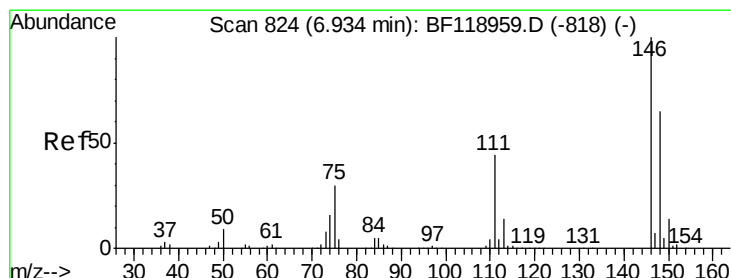
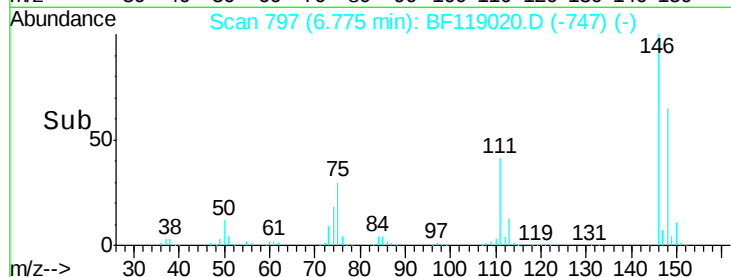
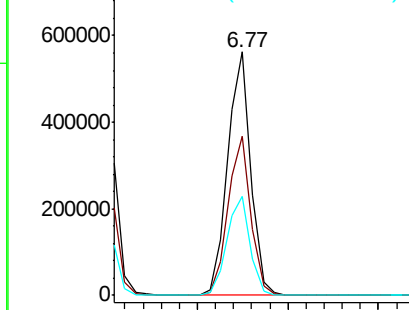


Abundance

Ion 146.00 (145.70 to 146.70): E

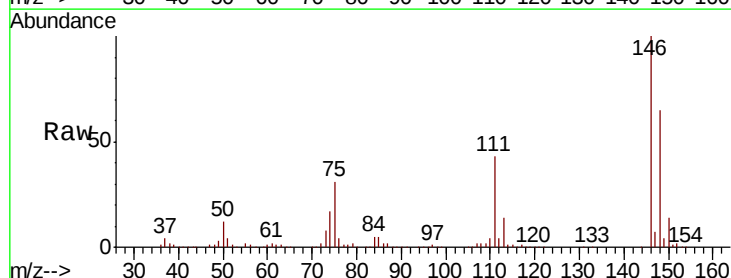
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.049 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.1	78.1
111	43.2	35.5	53.3

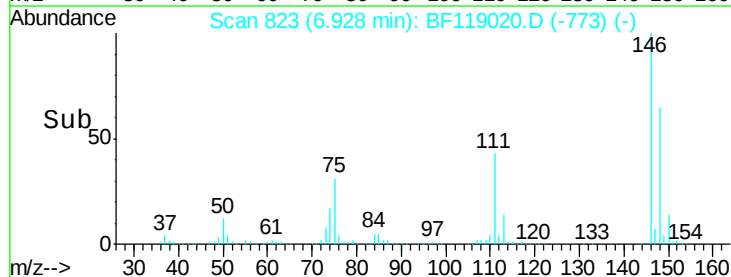
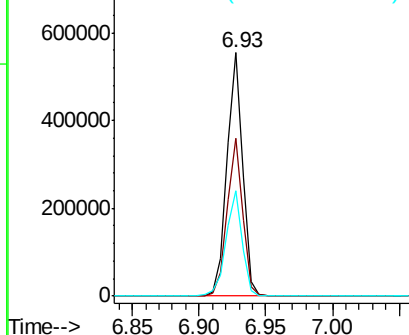


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.252 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

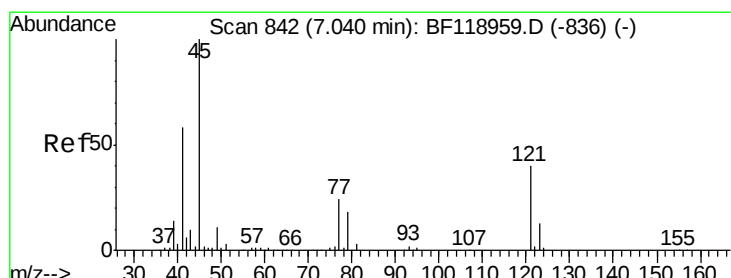
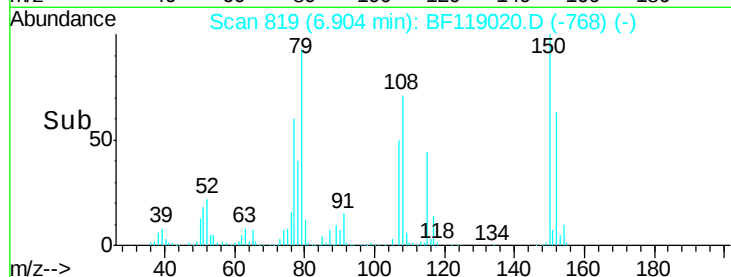
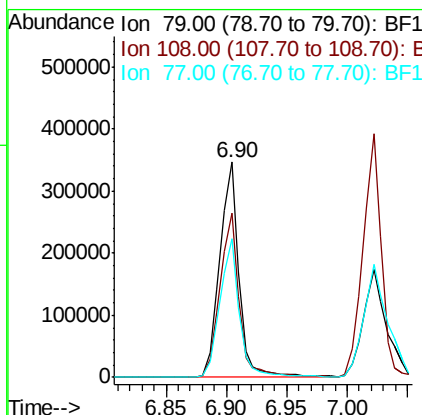
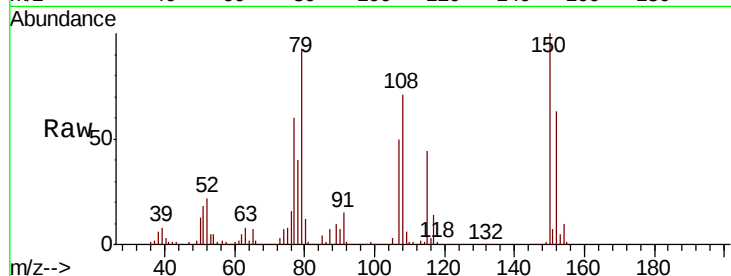
ClientSampled :

PB126979BS

Tot Ion:	79	Resp:	383166
Ion Ratio	Lower	Upper	
79	100		
108	76.2	61.1	91.7
77	64.2	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.159 ng

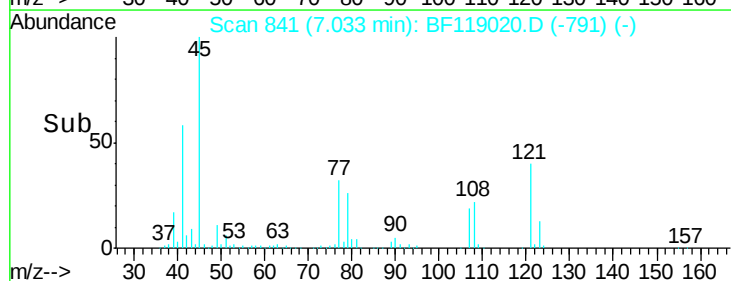
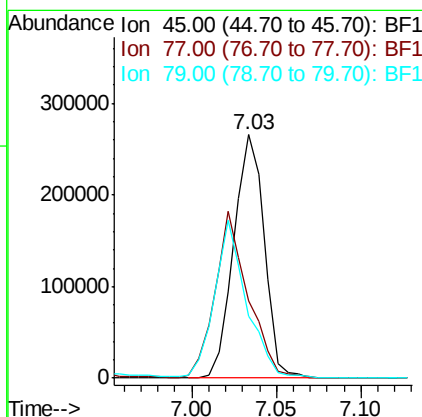
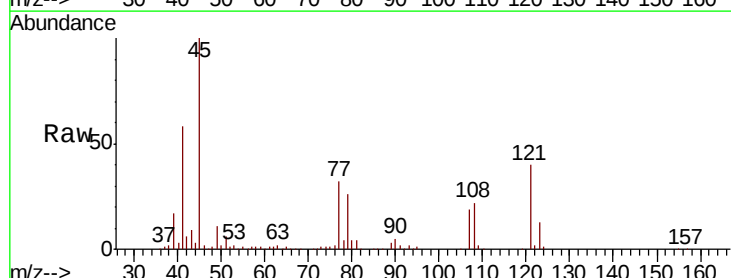
RT: 7.03 min Scan# 841

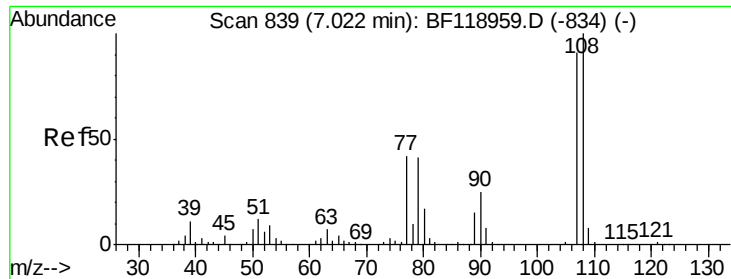
Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Tgt Ion:	45	Resp:	334124
Ion Ratio	Lower	Upper	
45	100		
77	31.9	6.1	46.1
79	25.6	0.5	40.5





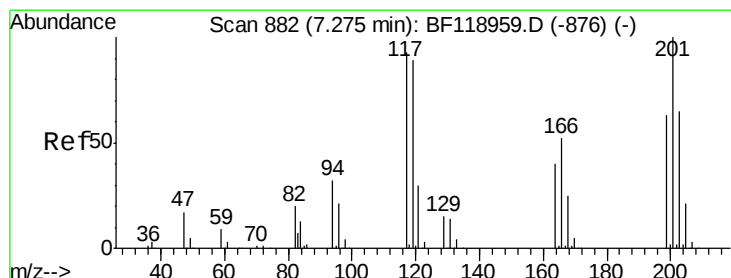
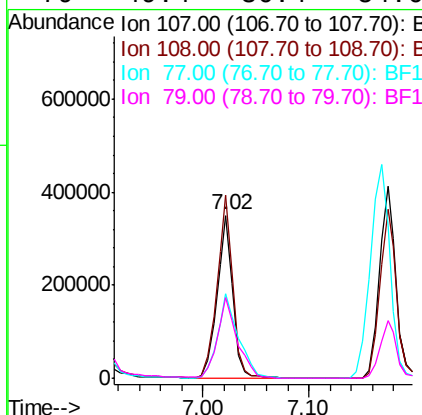
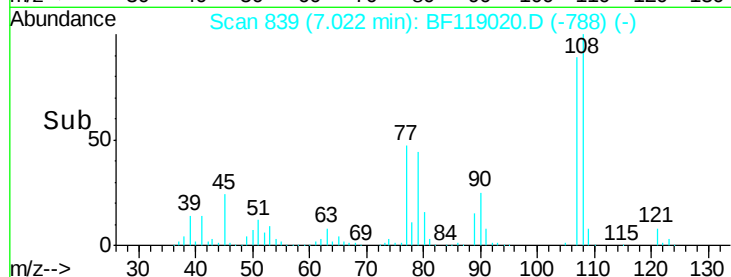
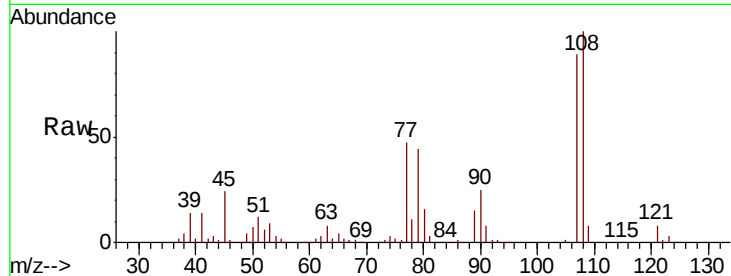
#17
2-Methylphenol
Concen: 41.044 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	87.7	131.5
77	52.2	36.8	55.2
79	49.4	36.4	54.6

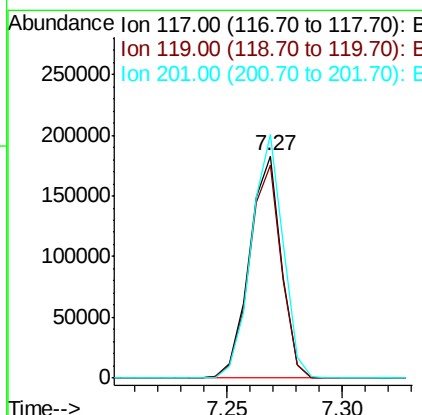
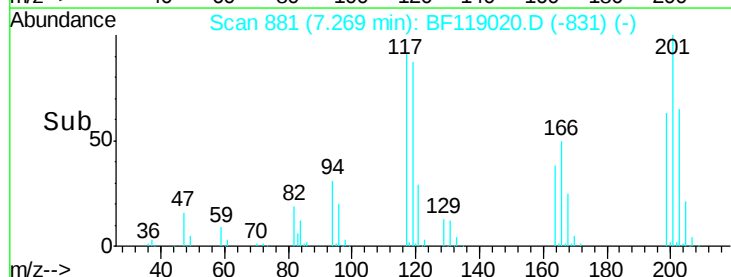
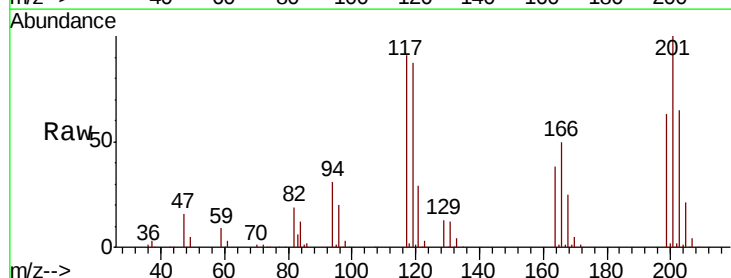
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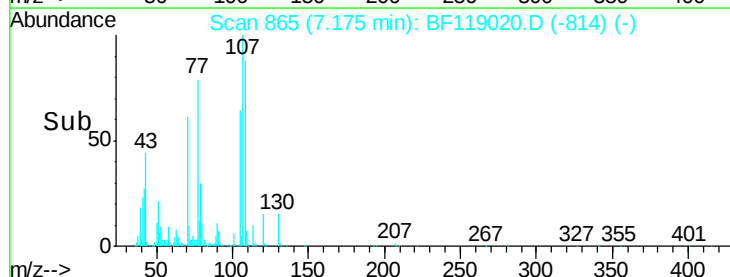
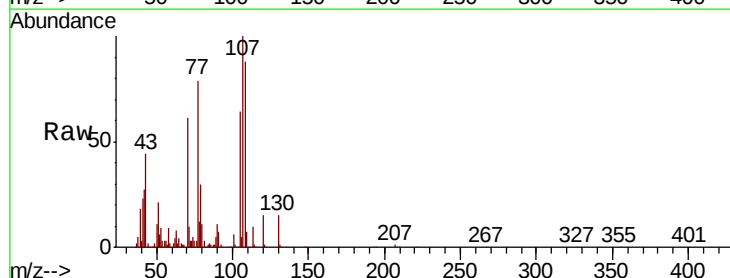
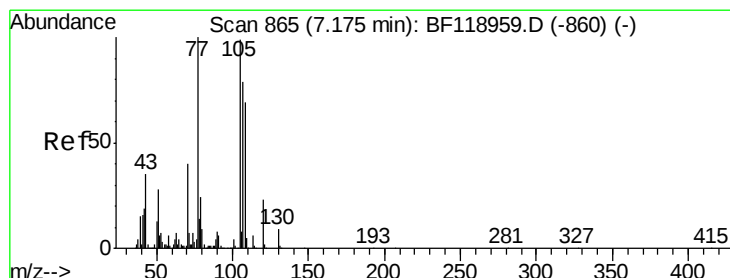
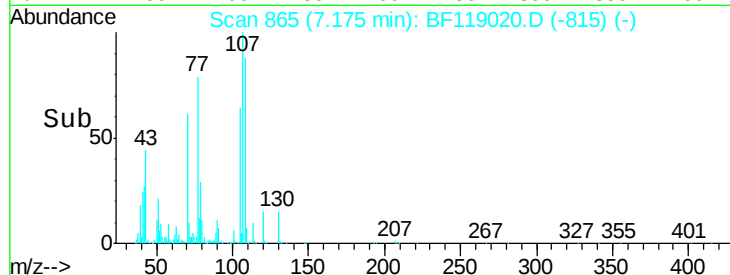
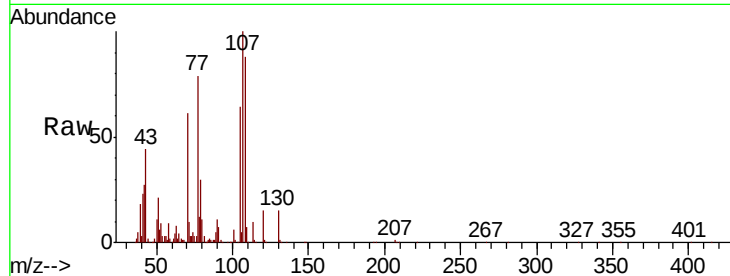
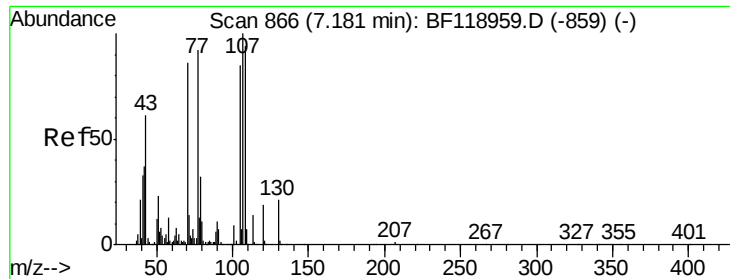
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#18
Hexachloroethane
Concen: 36.985 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

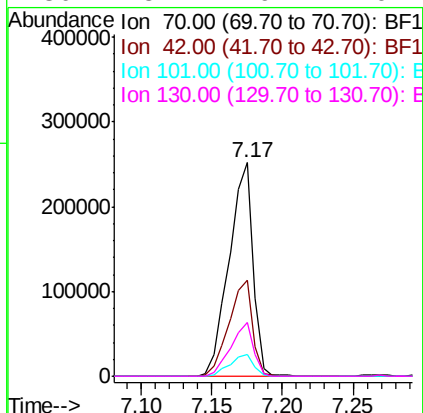
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.0	115.6
201	109.6	86.4	129.6





#19
n-Nitroso-di-n-propylamine
Concen: 40.572 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.9	34.6	51.8
101	10.3	8.1	12.1
130	25.2	19.4	29.2



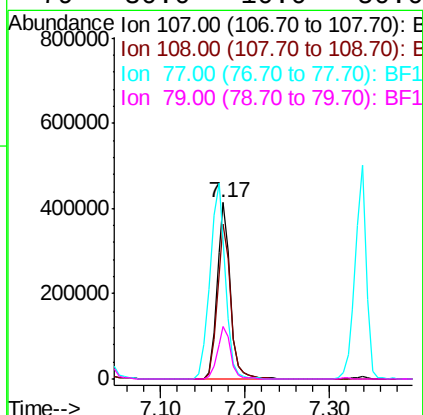
Instrument :
BNA_F
ClientSampleId :
PB126979BS

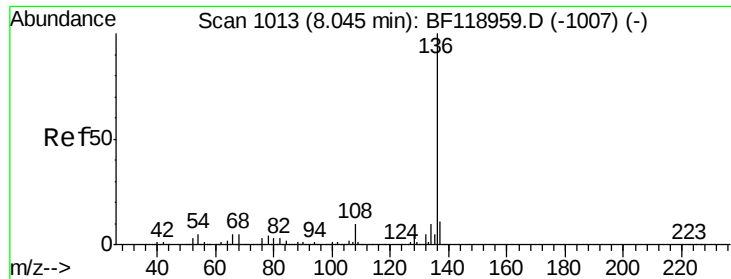
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#20
3+4-Methylphenols
Concen: 41.453 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.0	107.0
77	79.4	106.2	146.2#
79	30.0	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

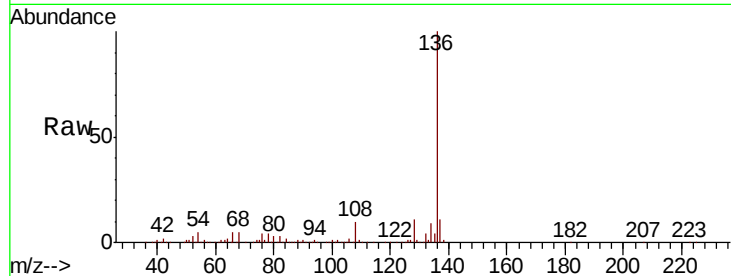
ClientSampleId :

PB126979BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	662331		
137	11.1	8.9	13.3	
54	4.8	3.8	5.6	
68	5.2	4.2	6.2	

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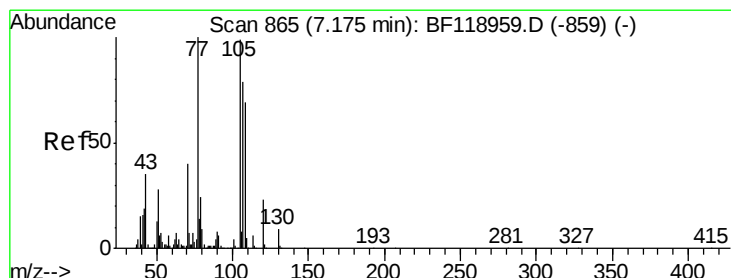
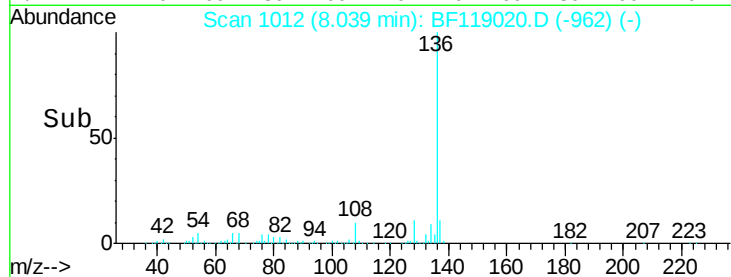
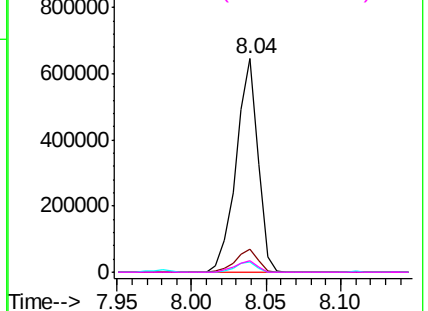


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.841 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

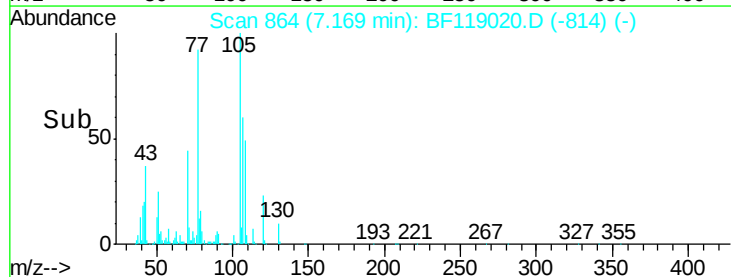
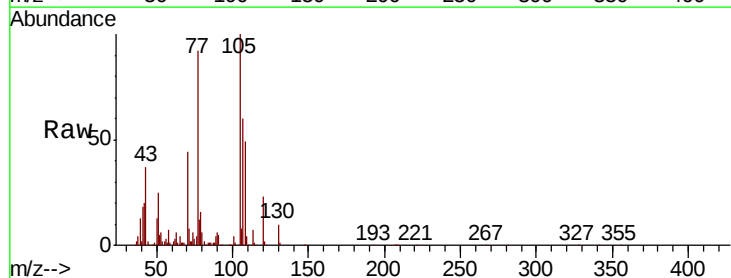
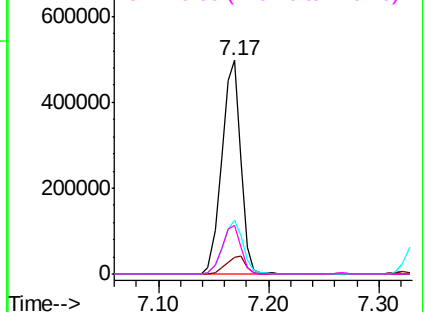
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	595224		
71	7.5	5.4	8.0	
51	25.3	22.5	33.7	
120	22.7	18.4	27.6	

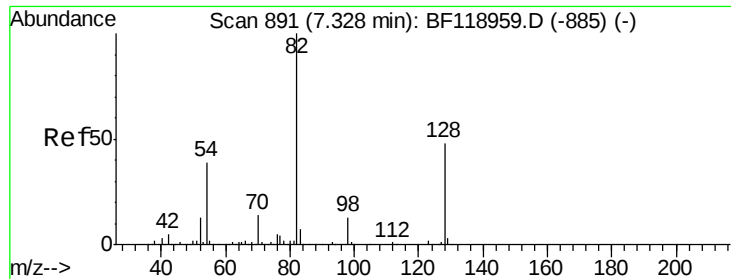
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





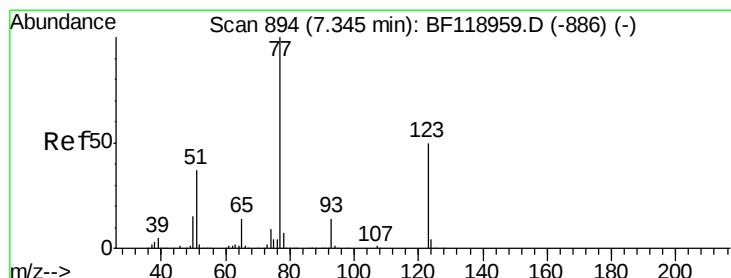
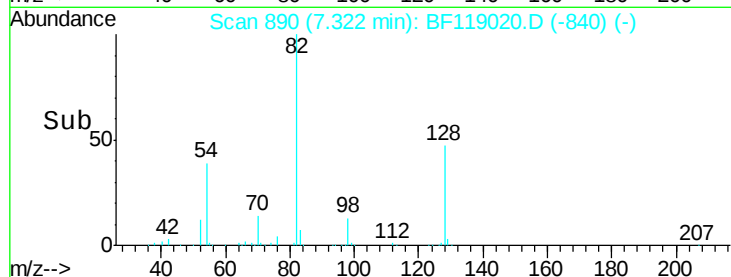
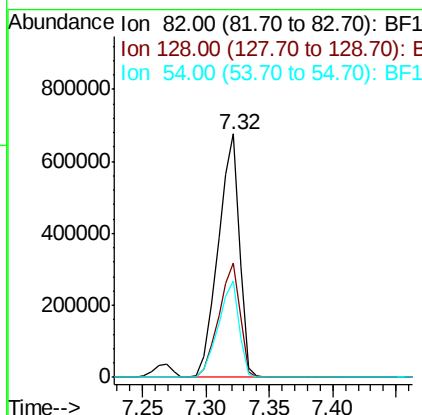
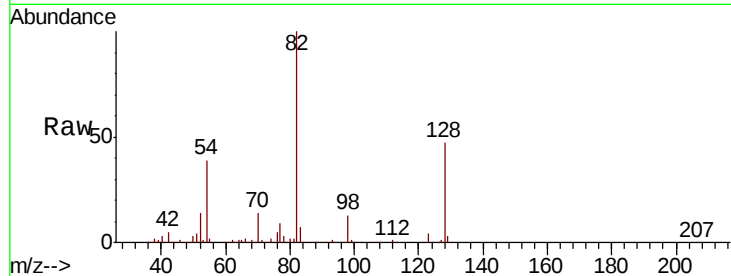
#23
 Nitrobenzene-d5
 Concen: 63.241 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	793307		
128	46.9		38.2	57.2
54	39.4		31.3	46.9

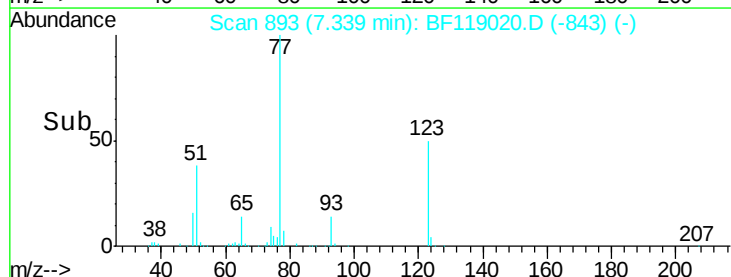
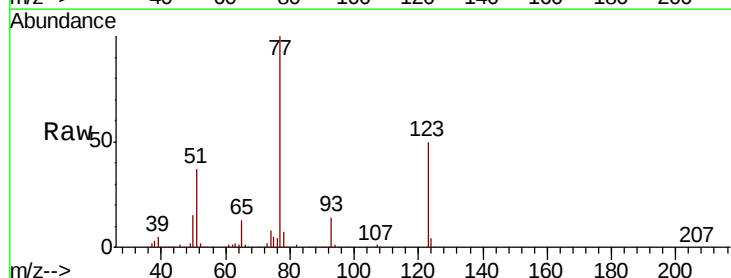
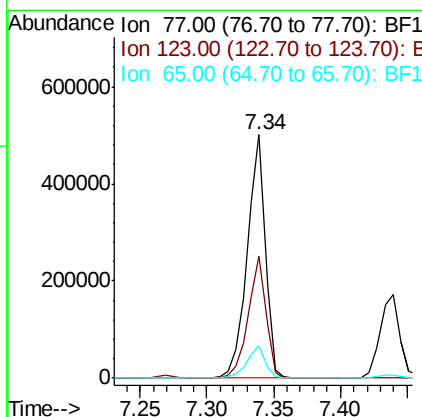
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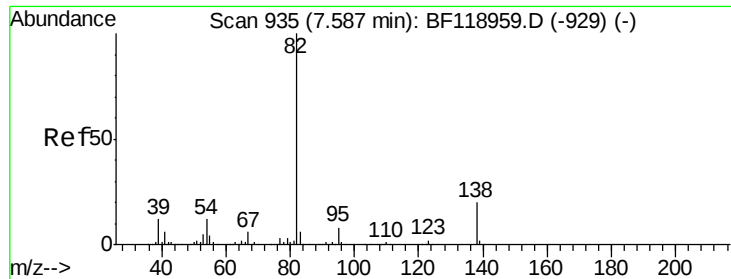
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#24
 Nitrobenzene
 Concen: 37.356 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	463394		
123	50.3		40.1	60.1
65	13.1		10.9	16.3





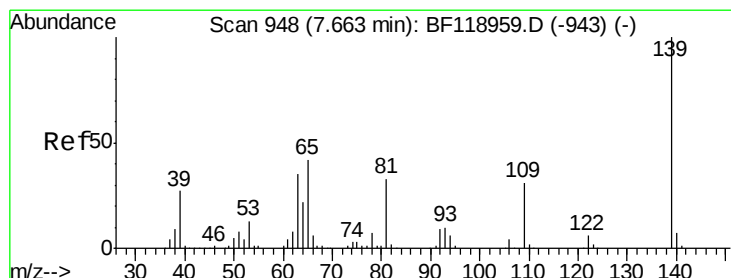
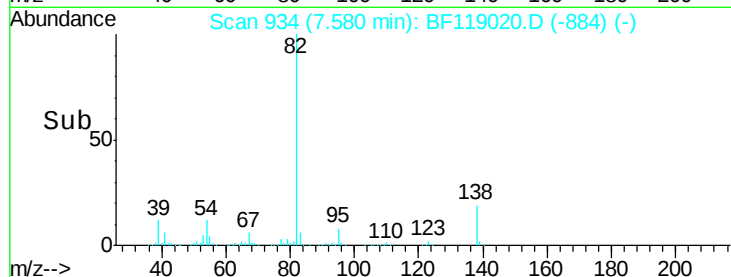
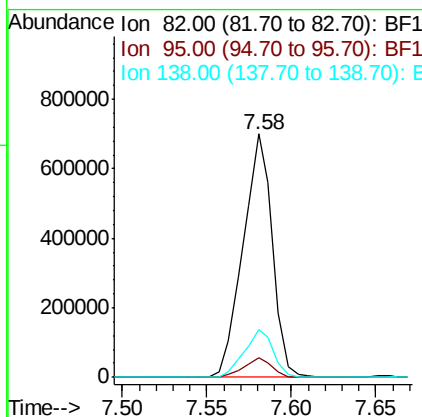
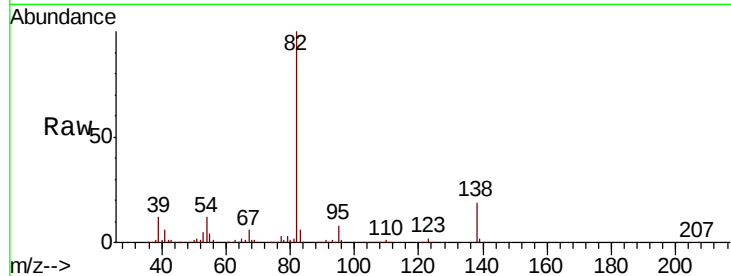
#25
Isophorone
Concen: 38.830 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.1	9.1	
138	19.4	15.8	23.6	

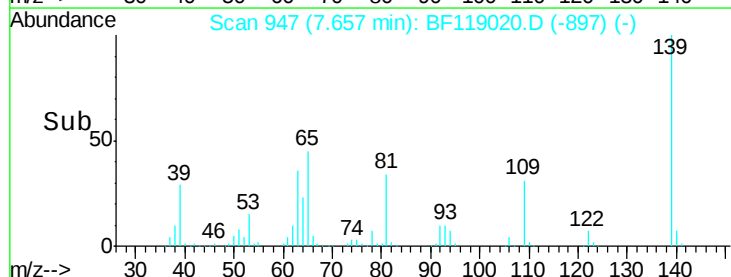
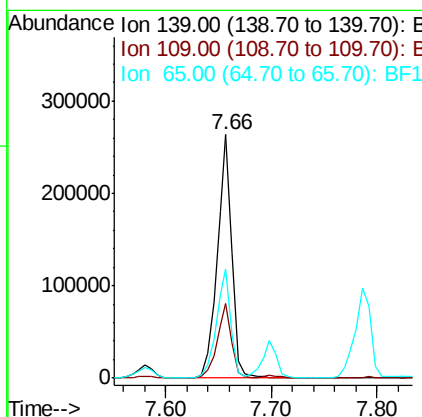
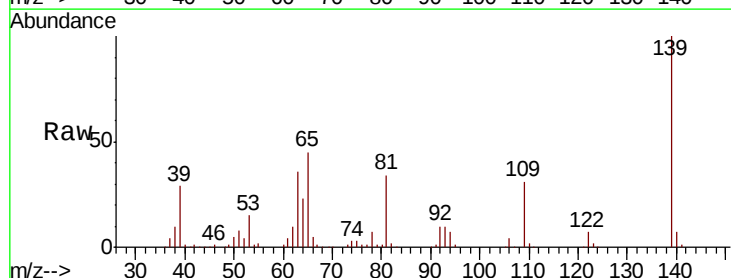
Manual Integrations
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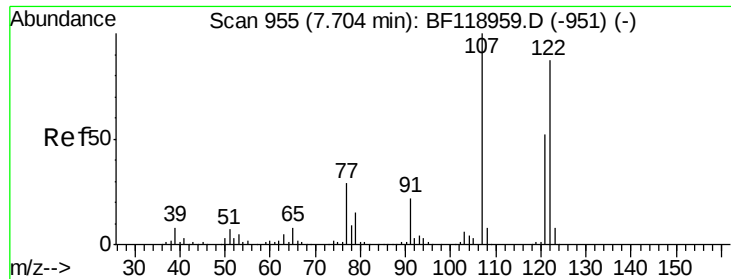
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#26
2-Nitrophenol
Concen: 39.001 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.8	24.6	36.8	
65	44.9	33.6	50.4	





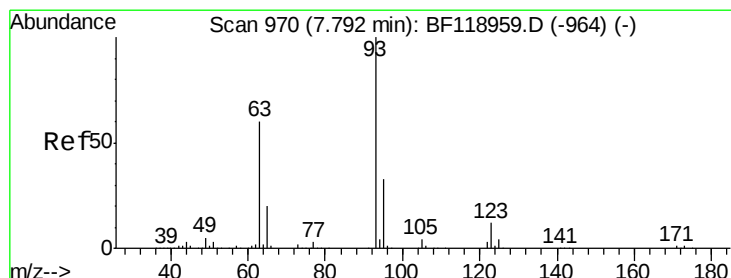
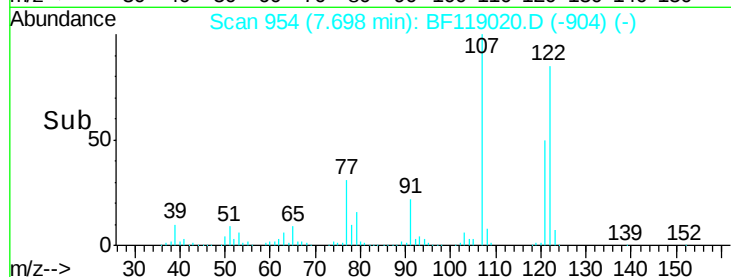
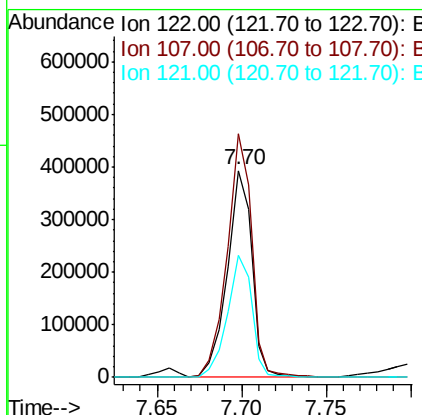
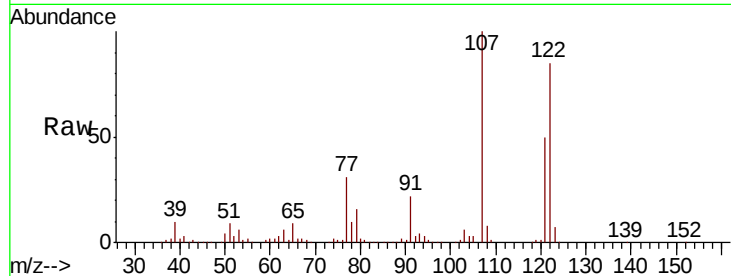
#27
2,4-Dimethylphenol
Concen: 44.563 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	117.9	91.8		137.8	
121	59.2	47.4		71.0	

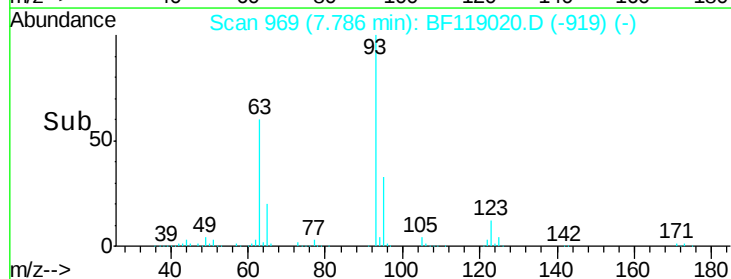
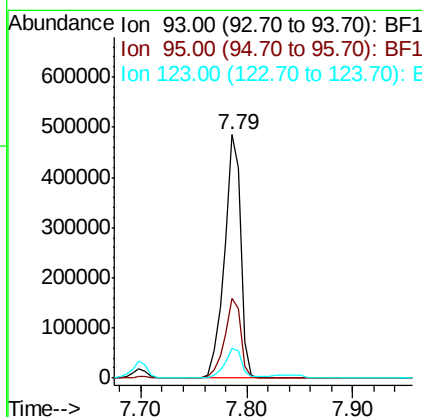
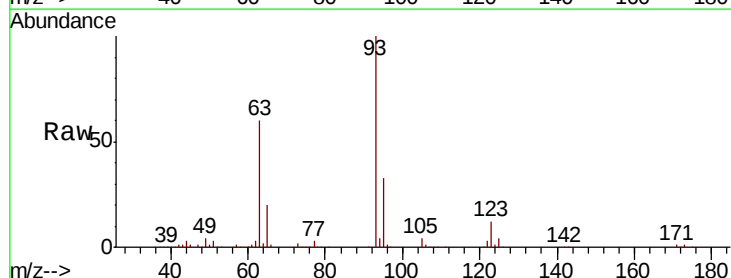
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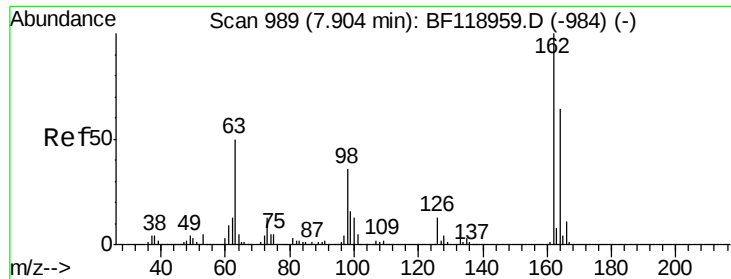
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#28
bis(2-Chloroethoxy)methane
Concen: 36.618 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.7	26.3		39.5	
123	12.2	9.8		14.8	





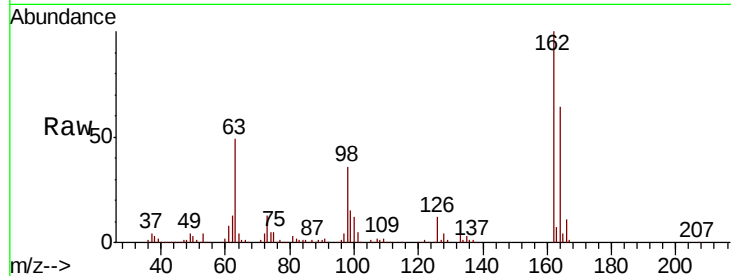
#29
2,4-Dichlorophenol
Concen: 38.901 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	44.1	84.1
98	36.1	16.4	56.4

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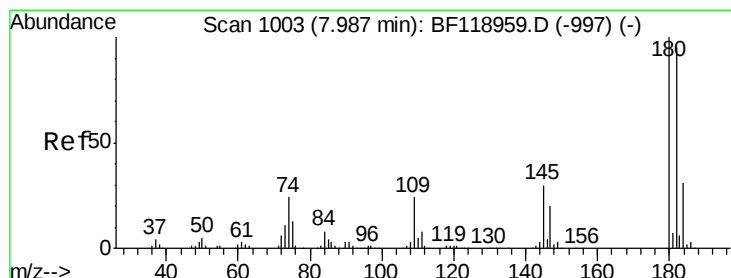
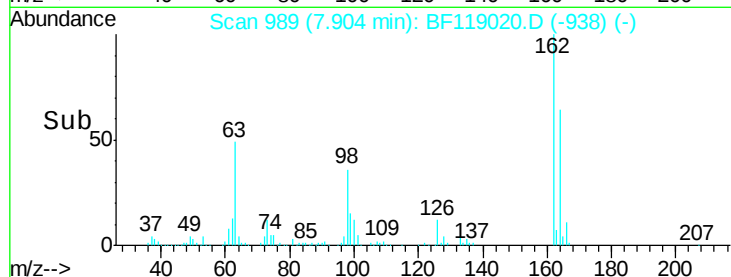
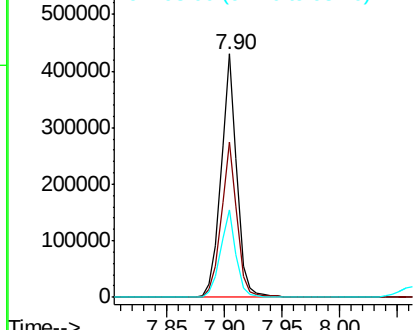


Abundance

Ion 162.00 (161.70 to 162.70): E

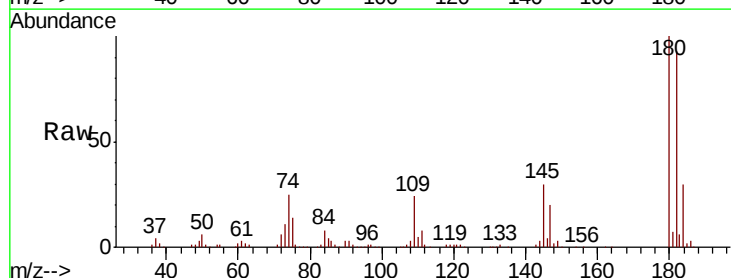
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 35.910 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.3	75.8	113.8
145	29.8	24.2	36.2

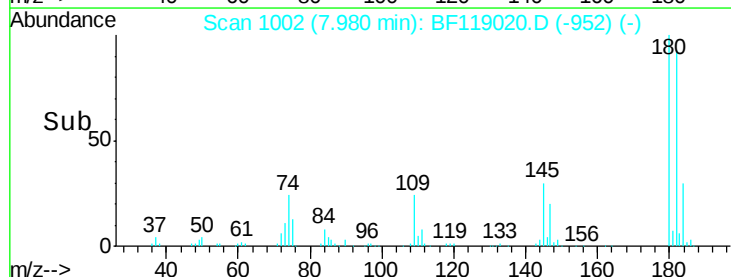
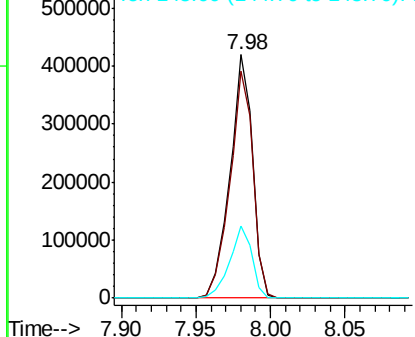


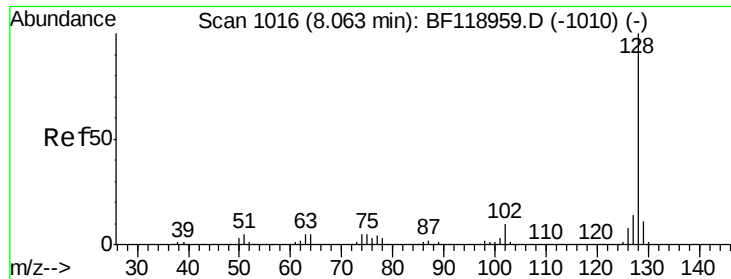
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





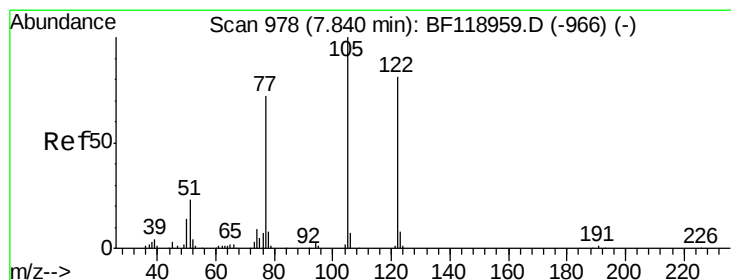
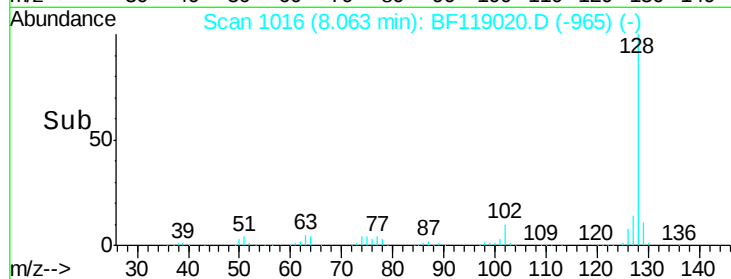
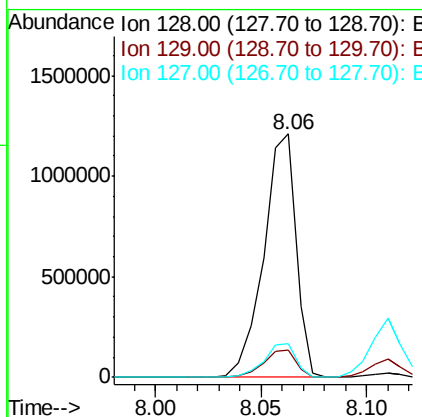
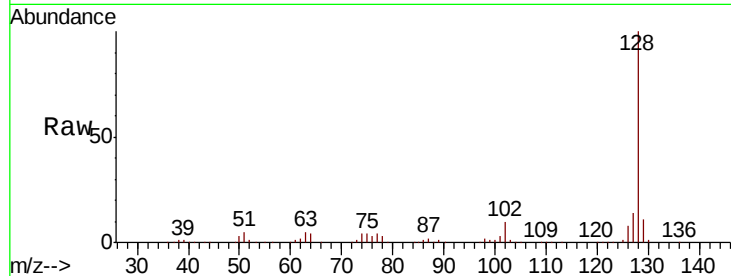
#31
Naphthalene
Concen: 37.697 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.8	10.9	16.3

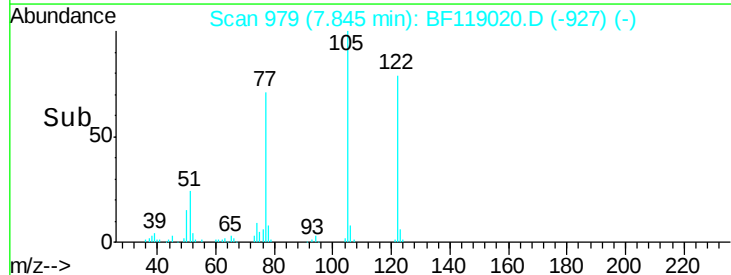
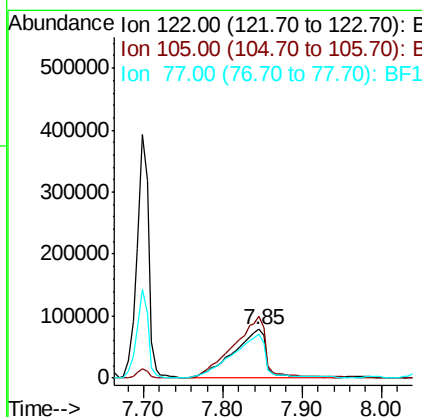
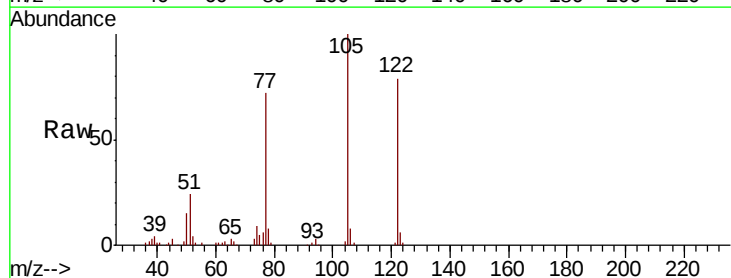
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#32
Benzoic acid
Concen: 36.346 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	102.2	142.2
77	90.2	68.6	108.6





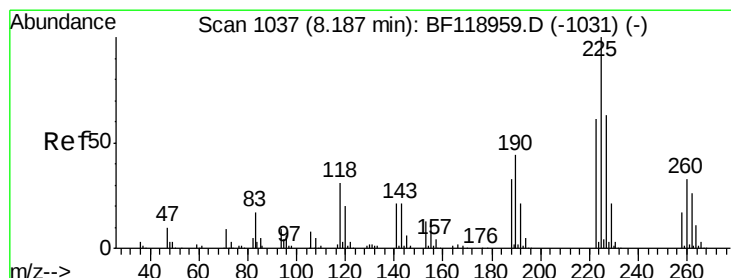
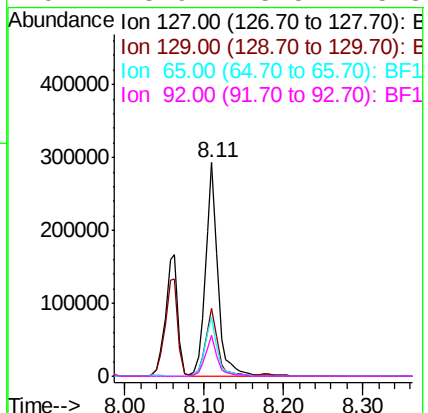
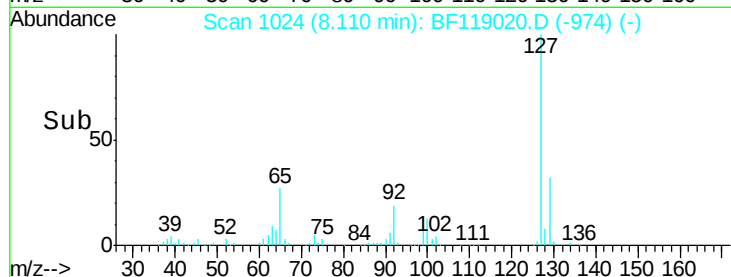
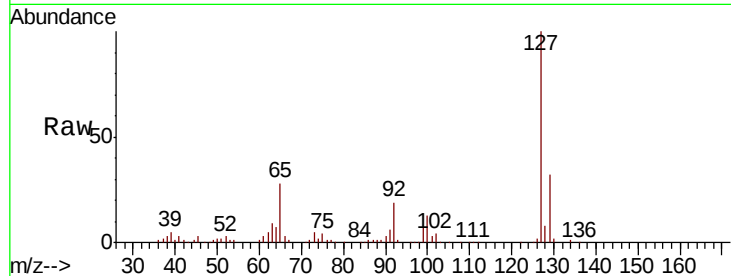
#33
4-Chloroaniline
Concen: 21.706 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.2	39.2	
65	27.7	22.0	33.0	
92	18.9	15.5	23.3	

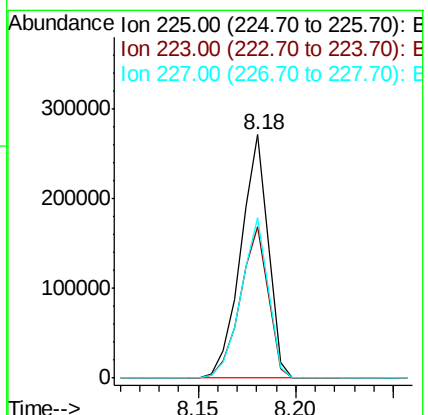
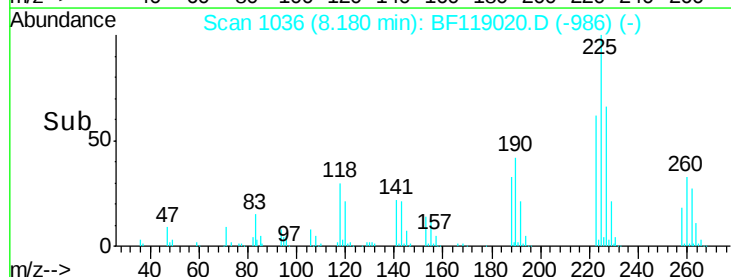
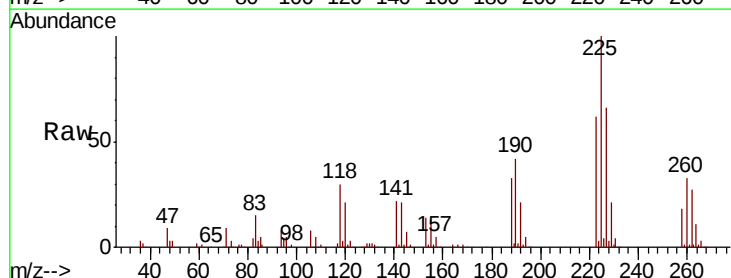
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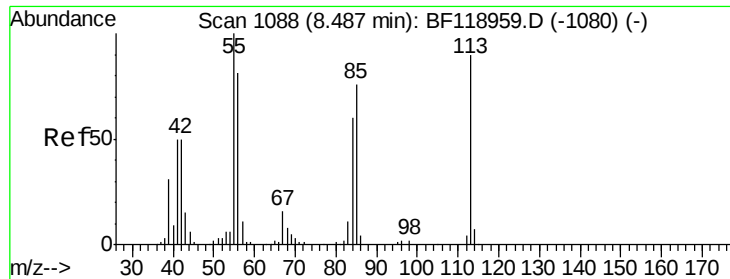
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#34
Hexachlorobutadiene
Concen: 33.924 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	48.9	73.3	
227	66.1	50.4	75.6	





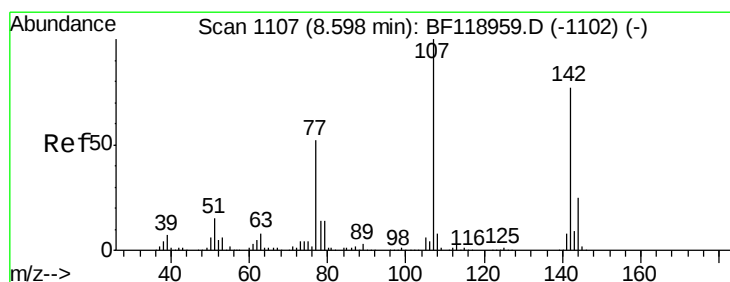
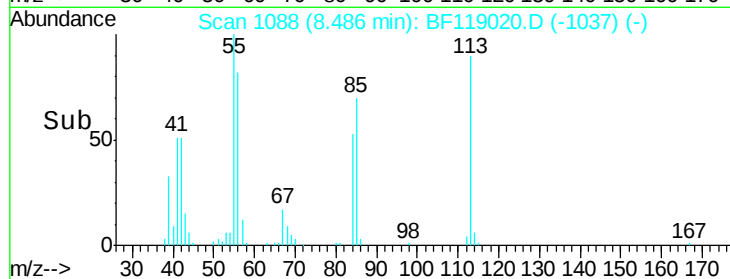
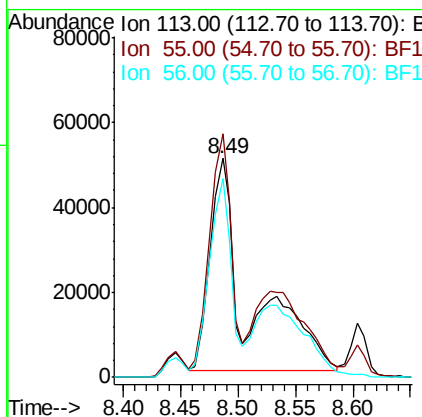
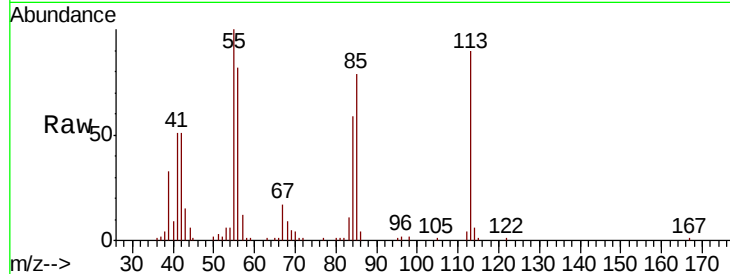
#35
 Caprolactam
 Concen: 36.217 ng/ml
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	117109		
55	111.3	90.8	130.8	
56	91.1	70.0	110.0	

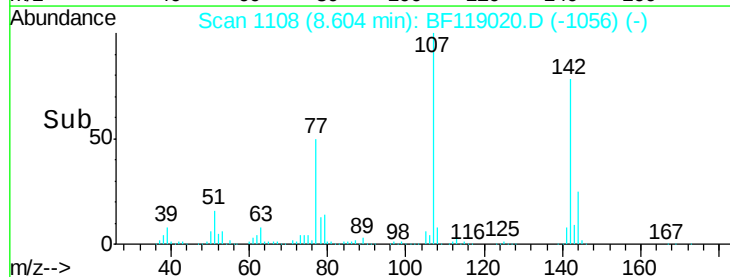
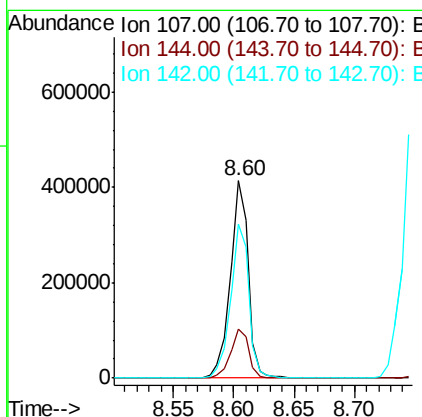
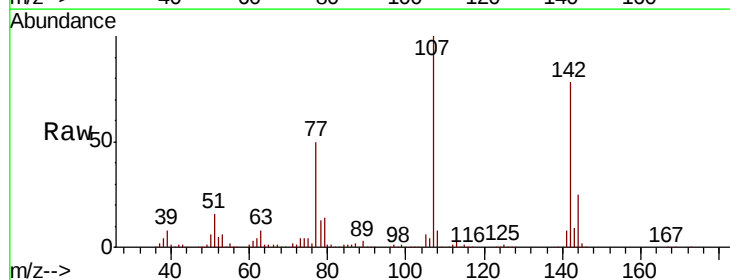
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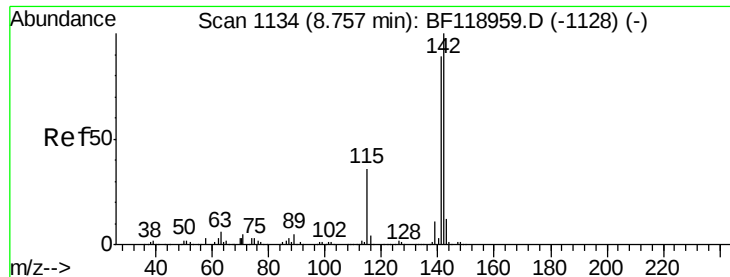
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#36
 4-Chloro-3-methylphenol
 Concen: 40.490 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	430320		
144	25.1	19.8	29.8	
142	78.0	61.3	91.9	





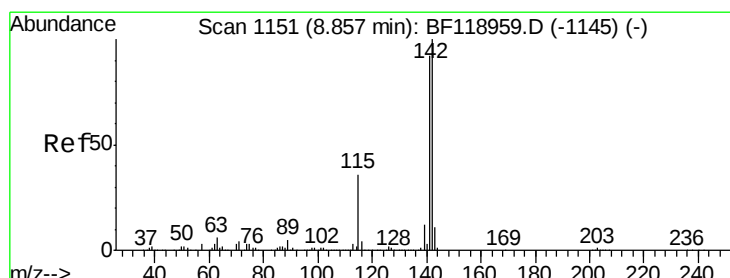
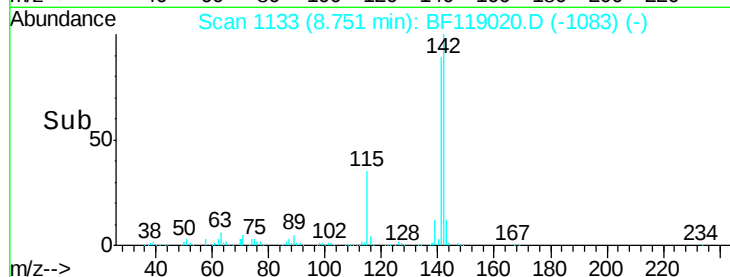
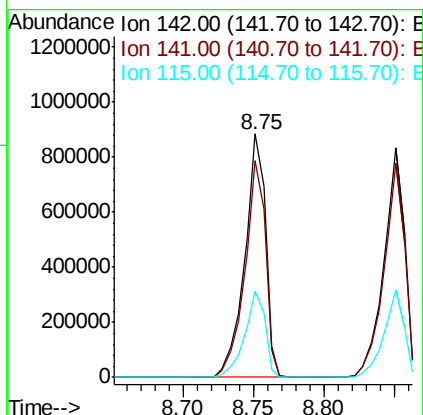
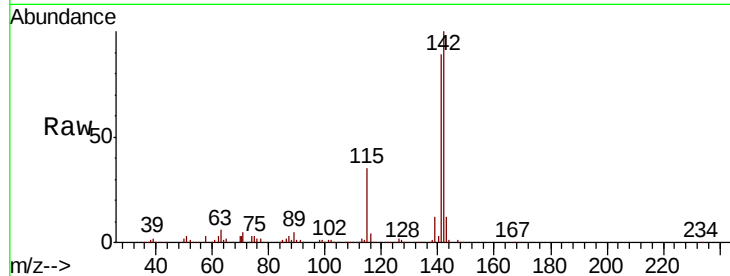
#37
2-Methylnaphthalene
Concen: 39.414 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.4
115	35.5	28.6	42.8

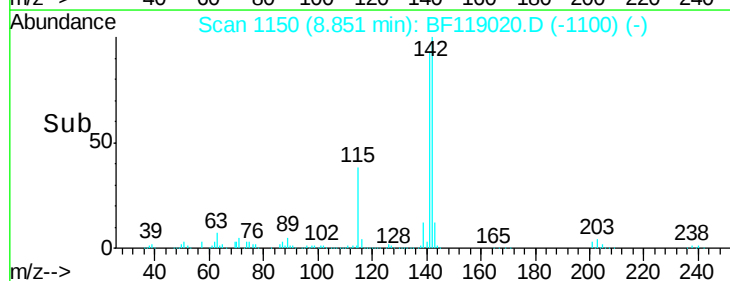
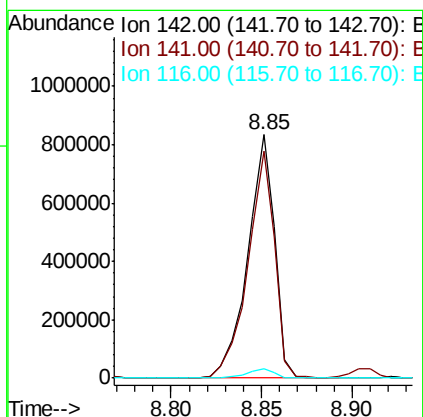
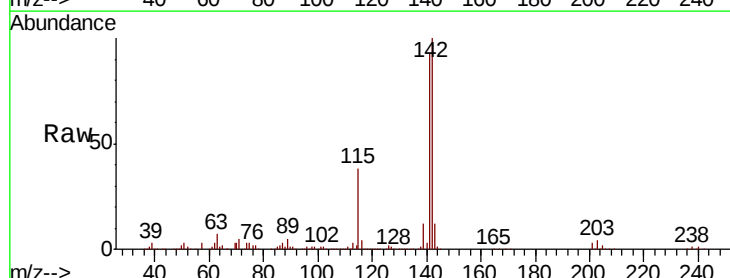
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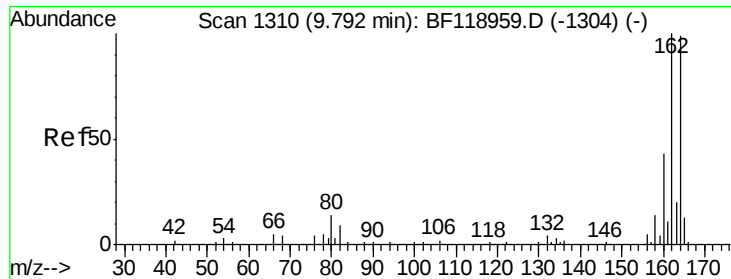
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#38
1-Methylnaphthalene
Concen: 39.112 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.7	110.5
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB126979BS

Tot Ion:164 Resp: 379642

Ion Ratio Lower Upper

164 100

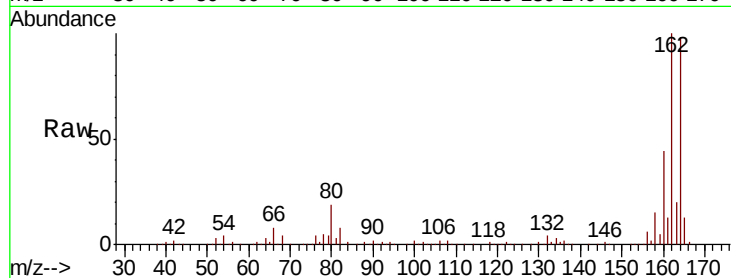
162 101.6 81.2 121.8

160 44.6 35.2 52.8

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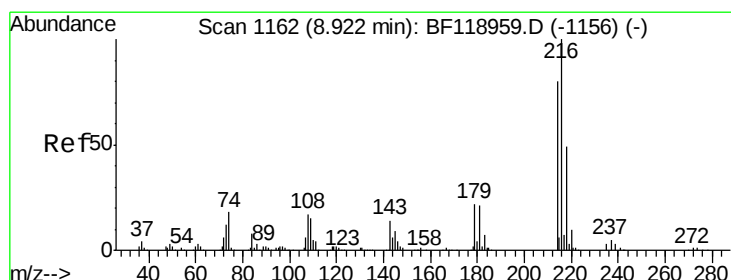
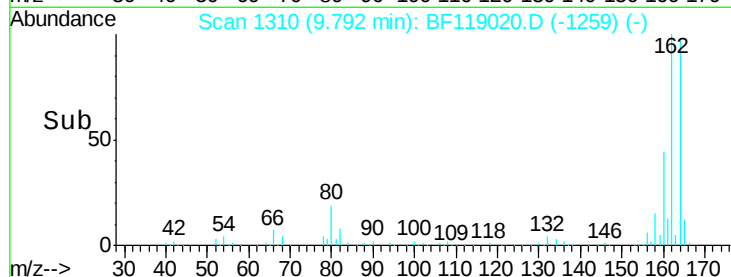
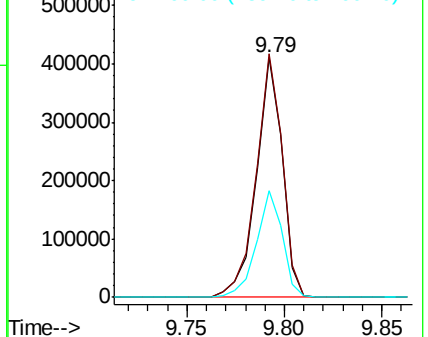
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.942 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Tgt Ion:216 Resp: 447259

Ion Ratio Lower Upper

216 100

214 79.5 63.1 94.7

179 21.7 17.2 25.8

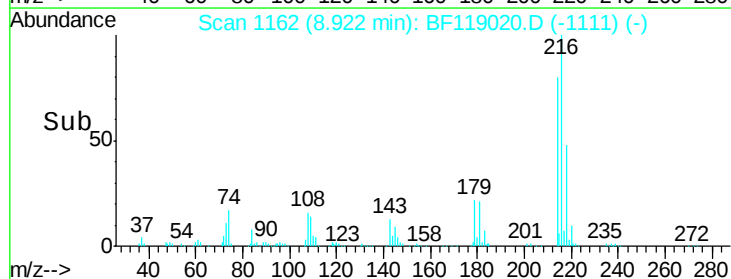
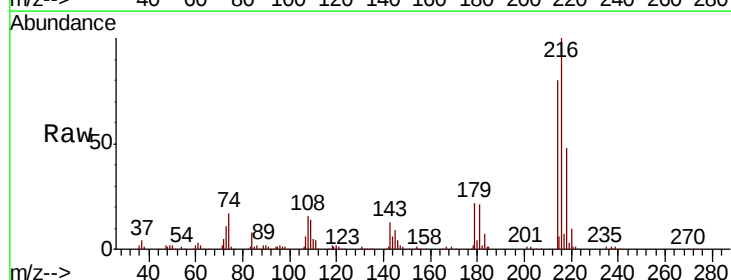
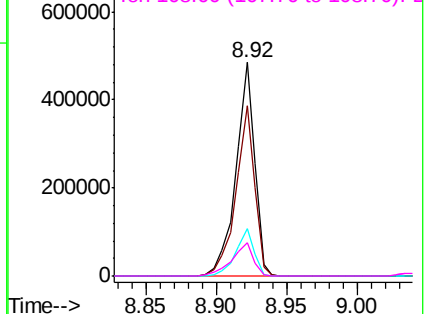
108 18.1 13.4 20.0

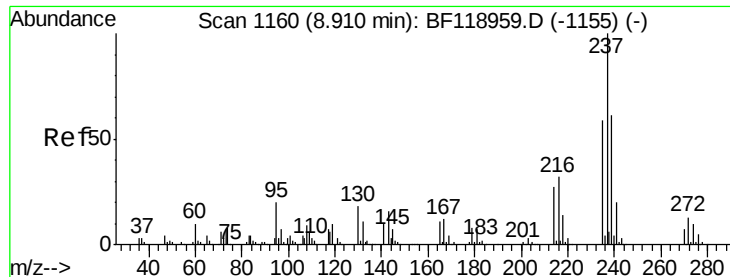
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 60.483 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

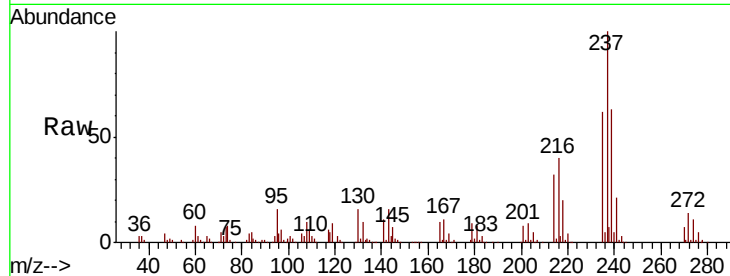
ClientSampleId :

PB126979BS

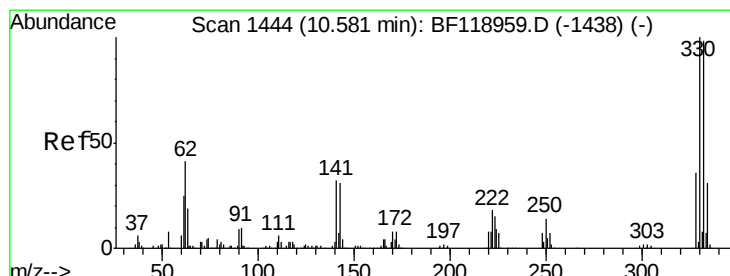
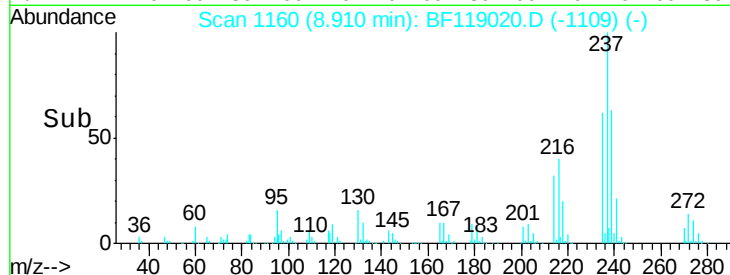
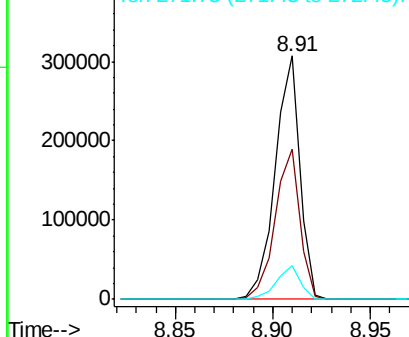
Tot Ion:	237	Resp:	269700
Ion Ratio	Lower	Upper	
237	100		
235	61.6	39.4	79.4
272	13.7	0.0	32.6

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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: 103.640 ng

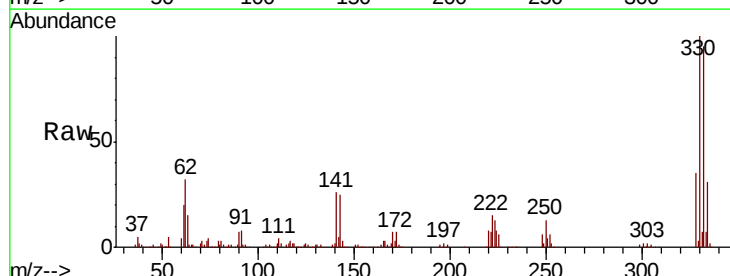
RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

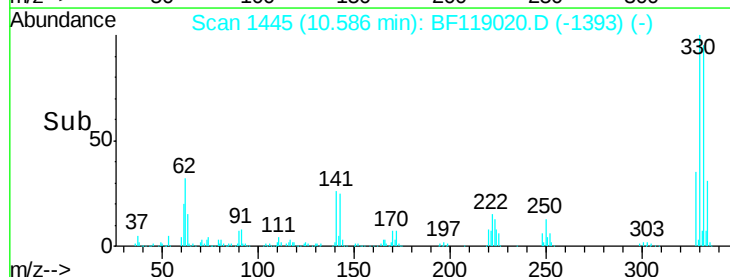
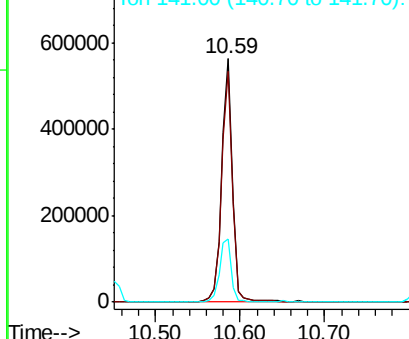
Lab File: BF119020.D

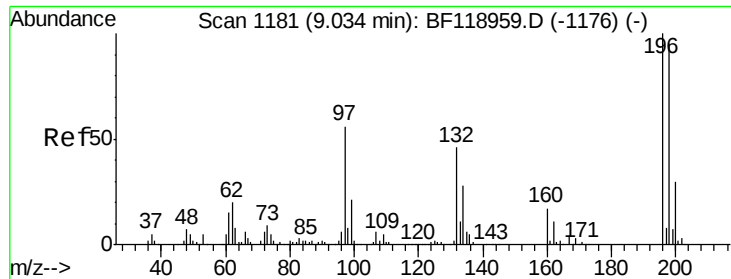
Acq: 24 Feb 2020 13:37

Tgt Ion:	330	Resp:	514711
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.1	115.7
141	28.5	23.0	34.6



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





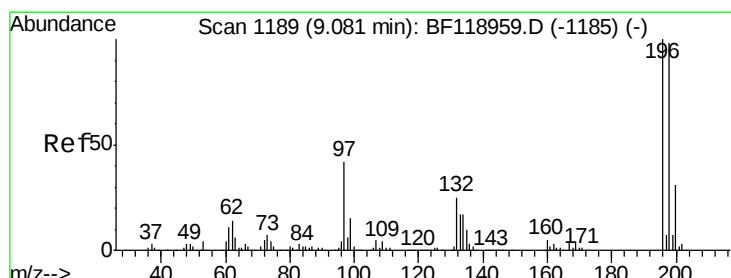
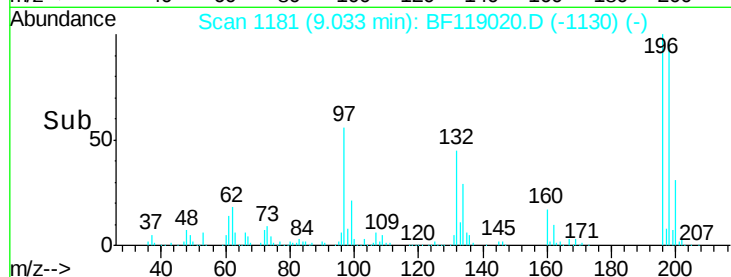
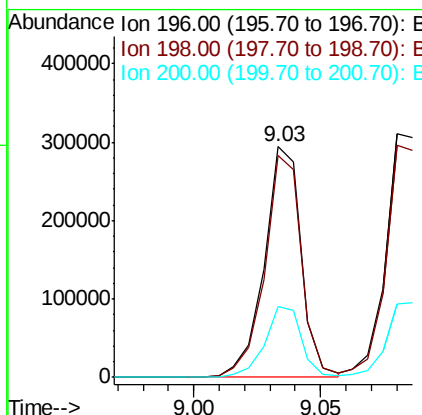
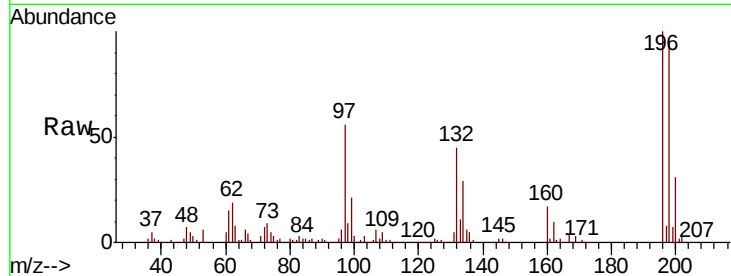
#43
2,4,6-Trichlorophenol
Concen: 37.224 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	300884		
198	96.0		75.8	113.6
200	30.6		24.1	36.1

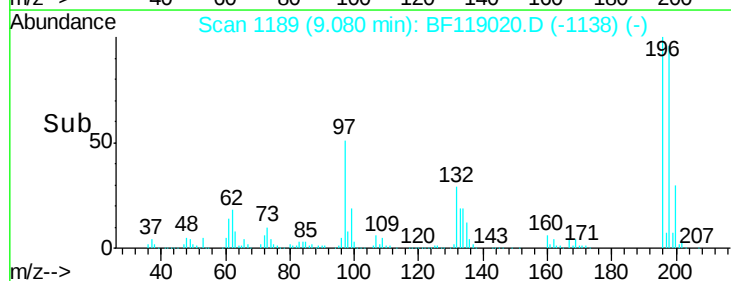
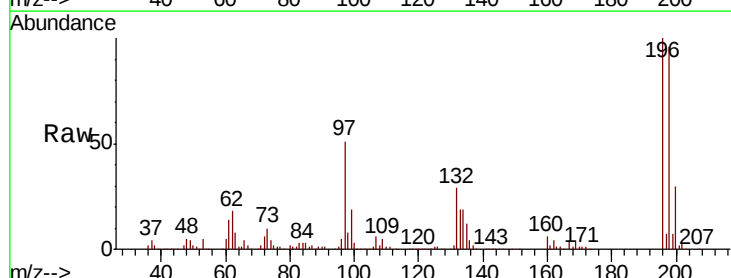
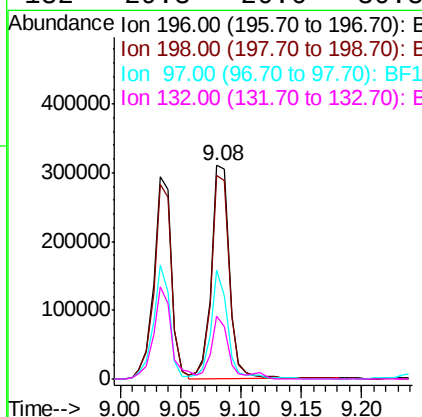
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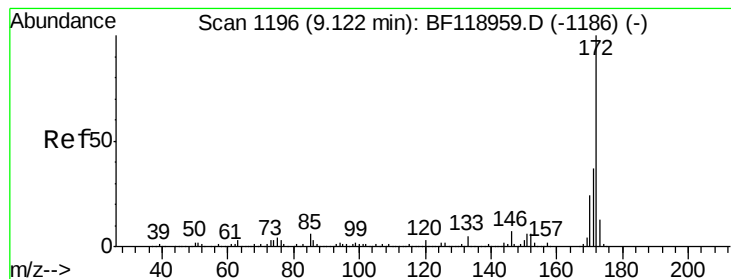
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#44
2,4,5-Trichlorophenol
Concen: 37.540 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	318413		
198	95.5		78.4	117.6
97	51.0		33.4	50.0#
132	29.3		20.6	30.8





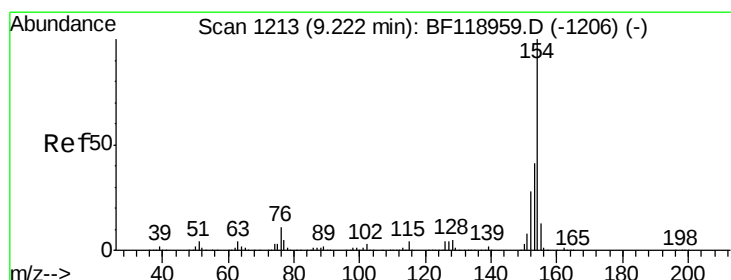
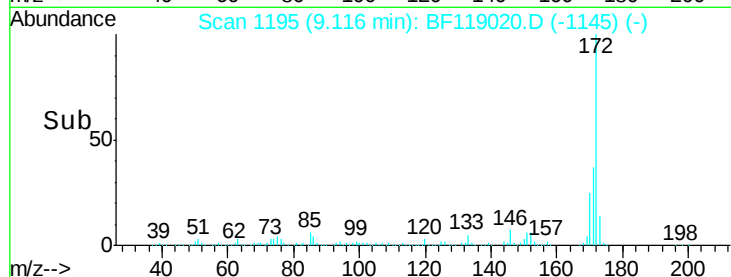
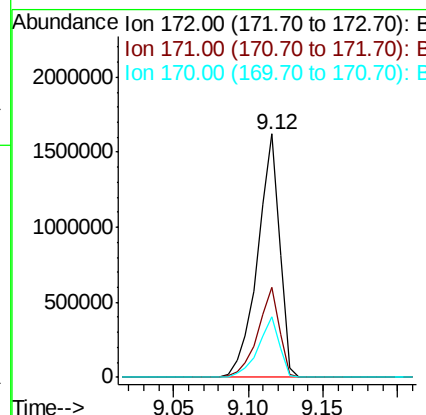
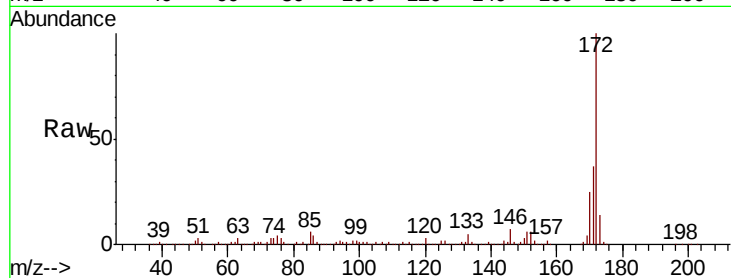
#45
2-Fluorobiphenyl
Concen: 63.535 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	24.7	19.6	29.4

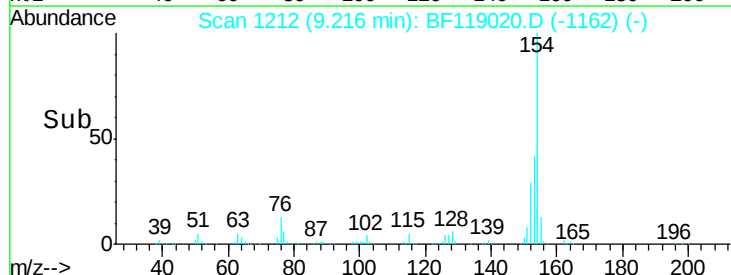
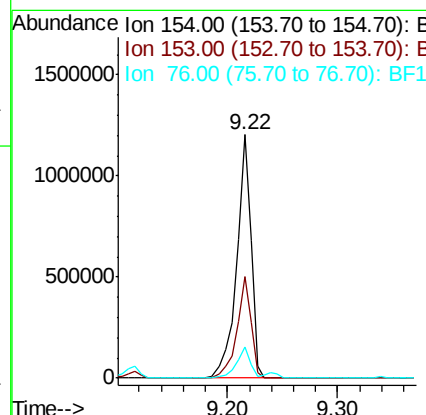
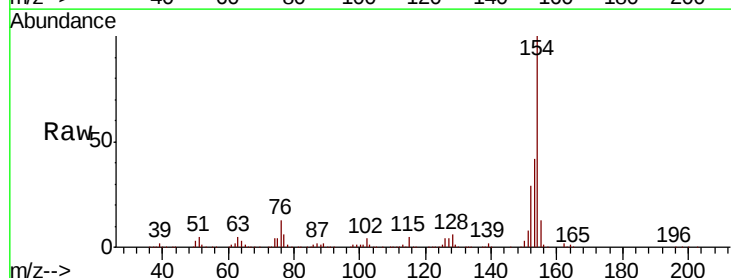
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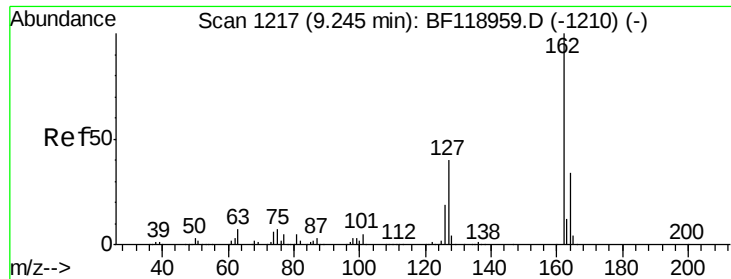
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#46
1,1'-Biphenyl
Concen: 35.908 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.2	61.2
76	12.6	0.0	31.1





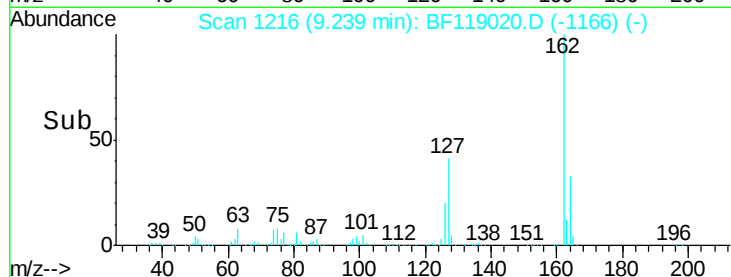
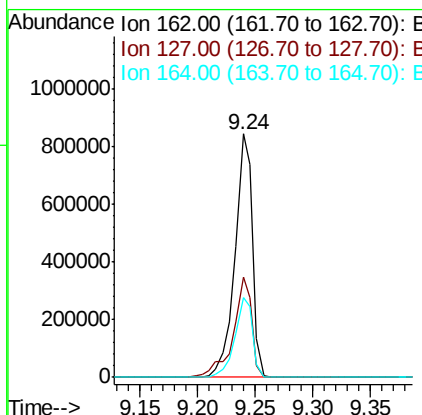
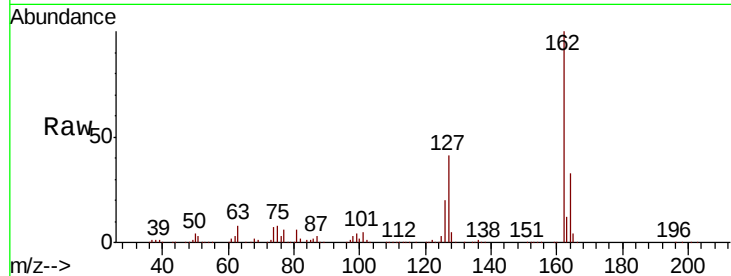
#47
 2-Chloronaphthalene
 Concen: 35.656 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	881624		
127	41.3	31.9	47.9	
164	32.9	26.8	40.2	

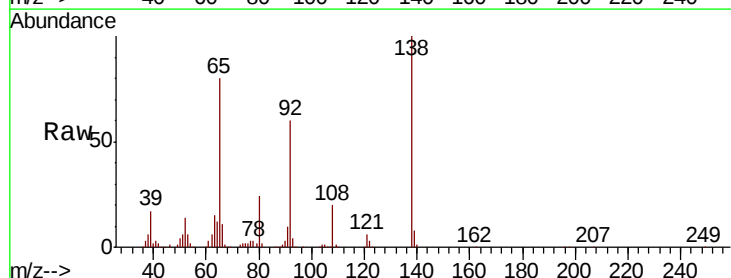
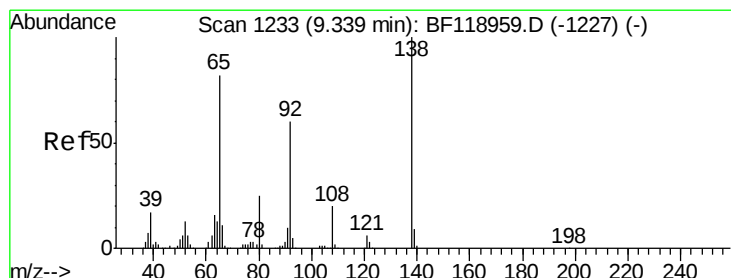
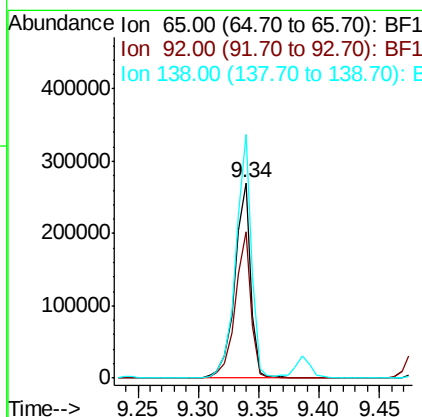
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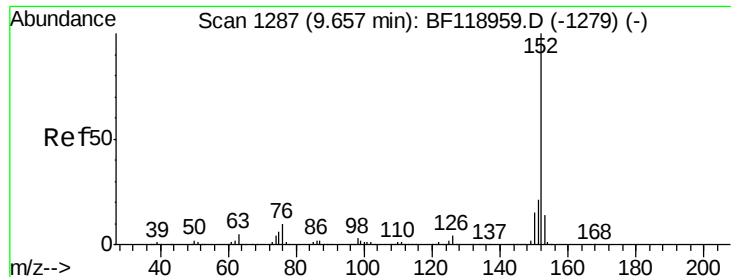
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#48
 2-Nitroaniline
 Concen: 36.324 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	250506		
92	75.1	58.6	87.8	
138	124.5	97.5	146.3	





#49

Acenaphthylene

Concen: 38.303 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB126979BS

Tot Ion:152 Resp: 1367860

Ion Ratio Lower Upper

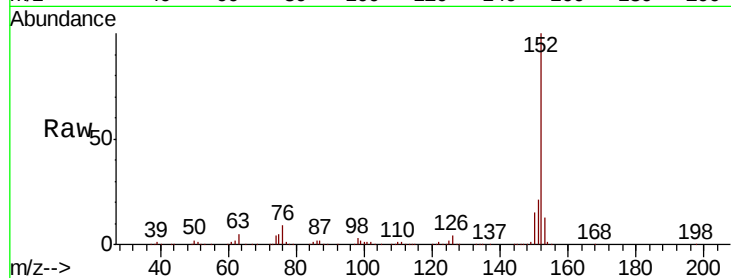
152 100

151 20.9 16.7 25.1

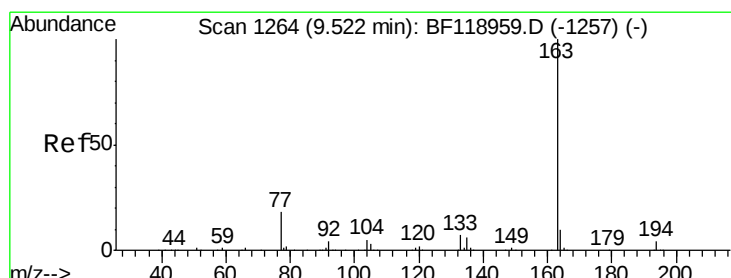
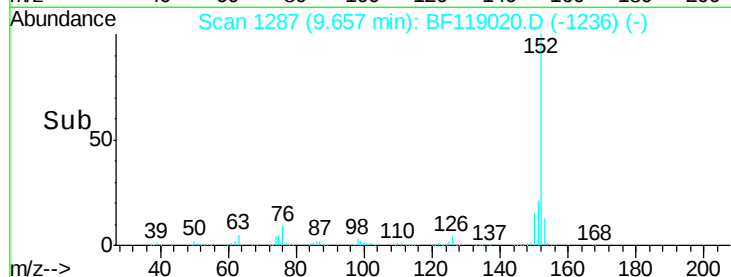
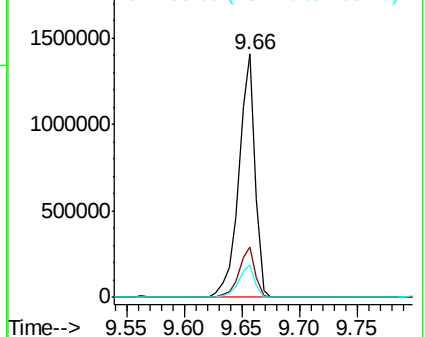
153 13.1 10.9 16.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.345 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

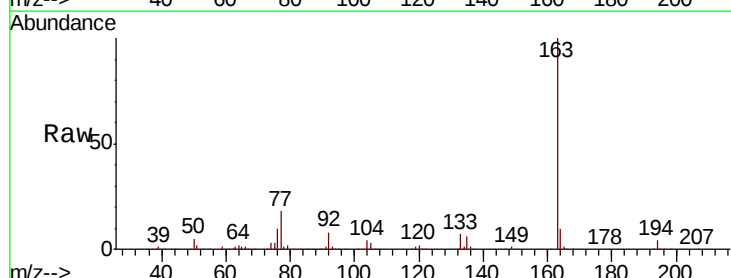
Tgt Ion:163 Resp: 1084144

Ion Ratio Lower Upper

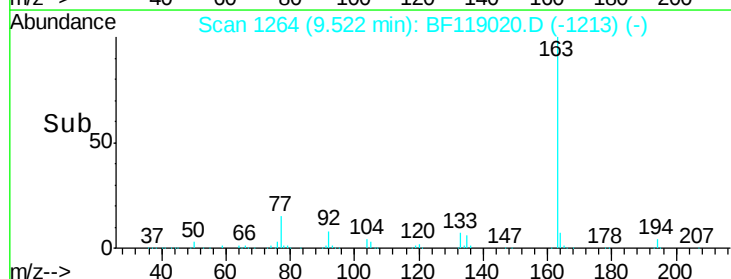
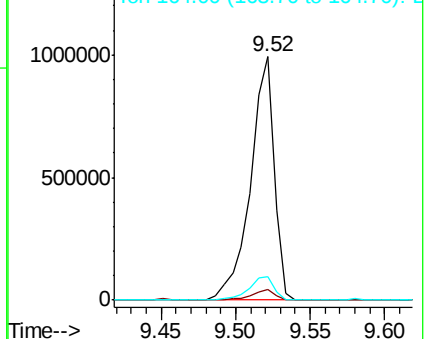
163 100

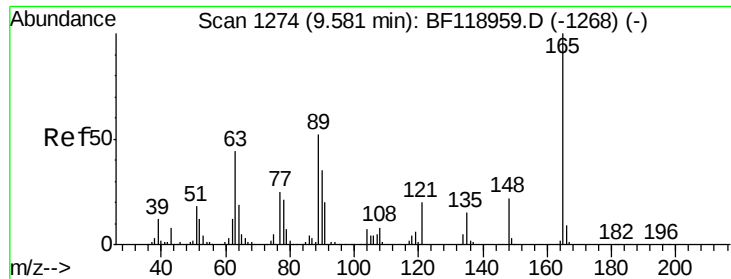
194 4.4 3.4 5.2

164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





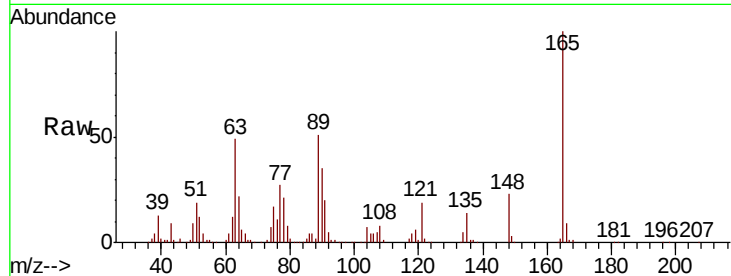
#51
 2,6-Dinitrotoluene
 Concen: 38.515 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BS

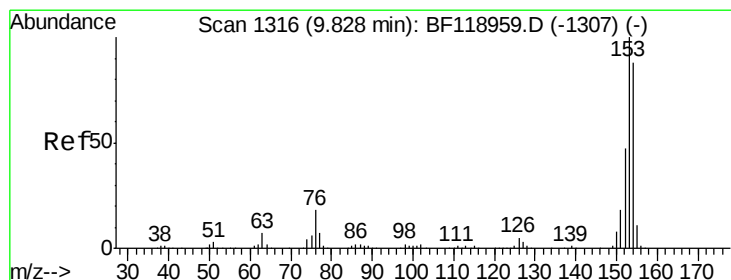
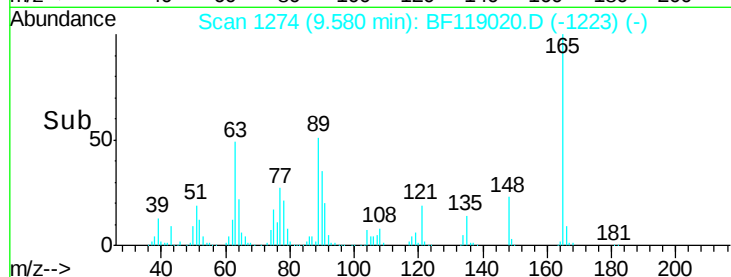
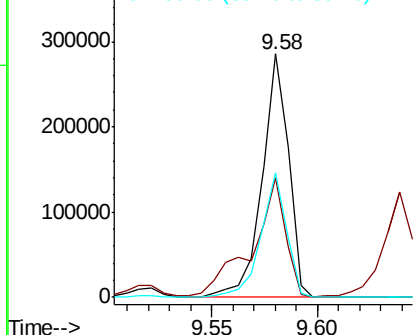
Tot Ion	Ratio	Resp	Lower	Upper
165	100	248413		
63	49.2		37.9	56.9
89	51.3		41.4	62.0

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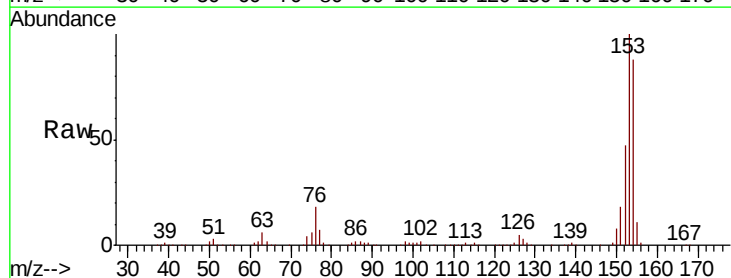


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

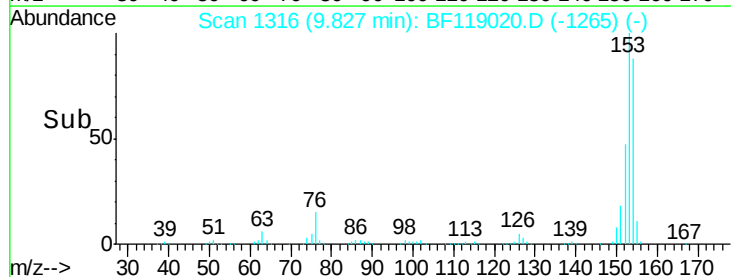
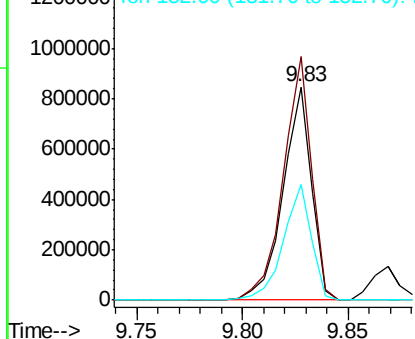


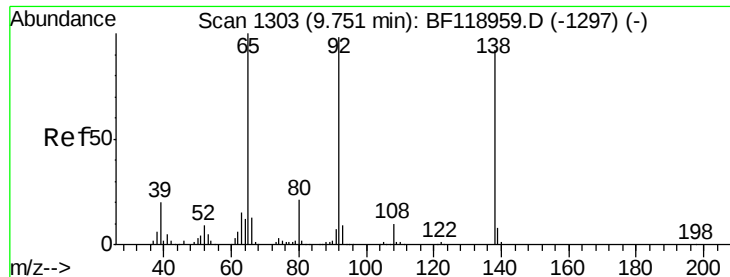
#52
 Acenaphthene
 Concen: 37.047 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	797753		
153	114.1		90.4	135.6
152	54.0		42.9	64.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





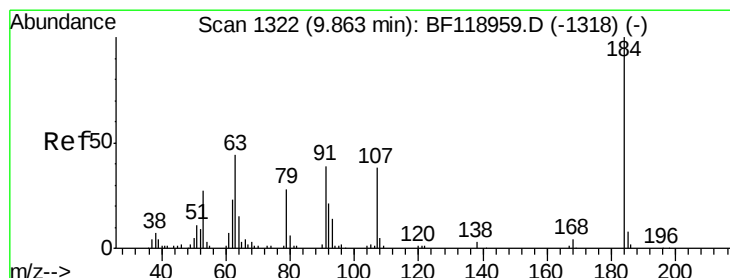
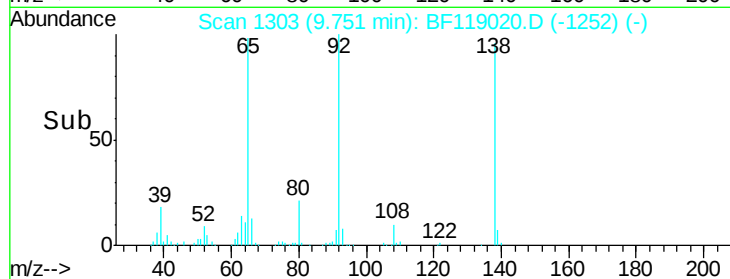
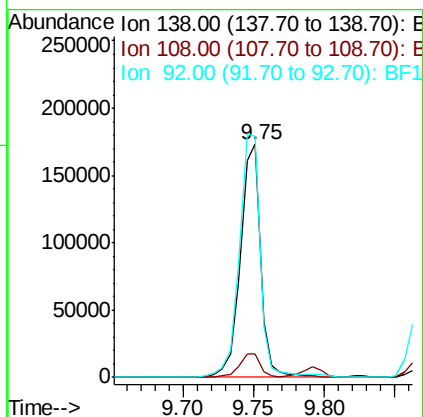
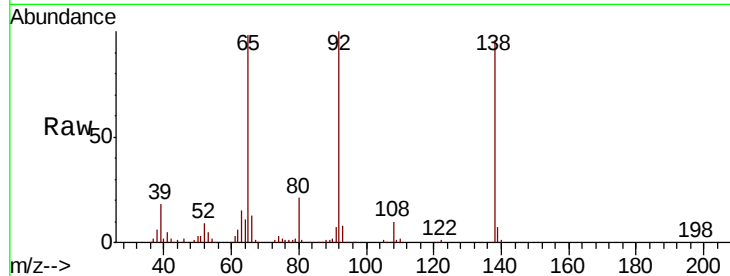
#53
3-Nitroaniline
Concen: 24.279 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	13.0
92	103.7	84.6	127.0

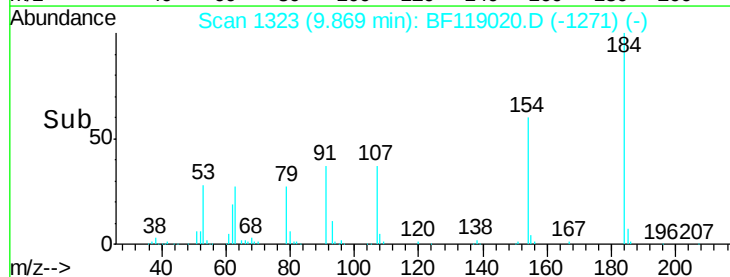
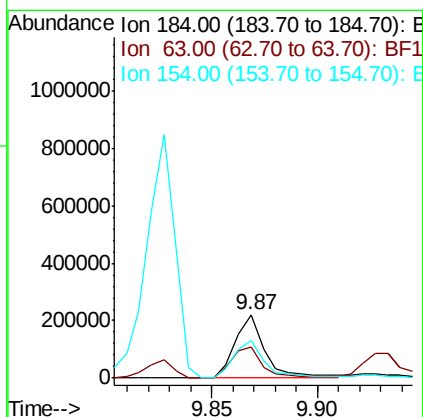
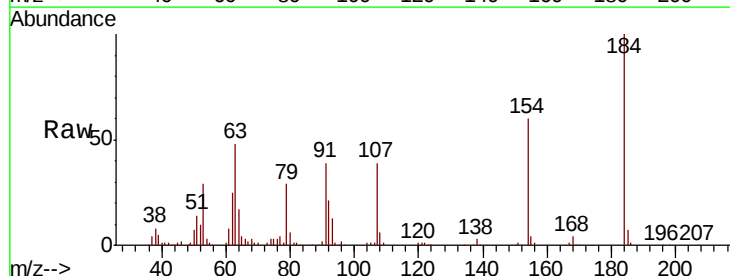
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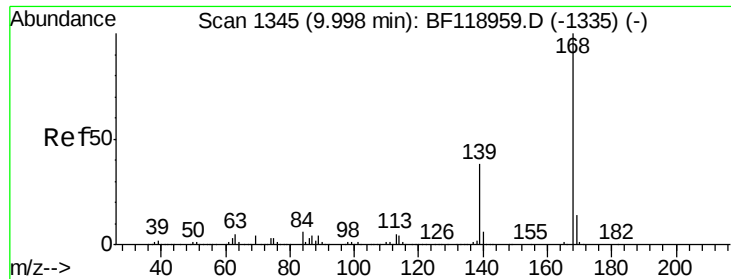
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#54
2,4-Dinitrophenol
Concen: 70.835 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.4	37.8	56.6
154	60.1	47.6	71.4





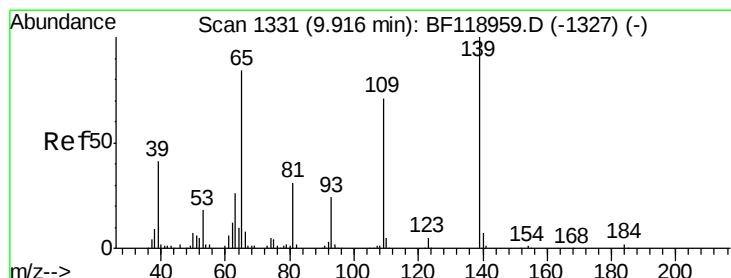
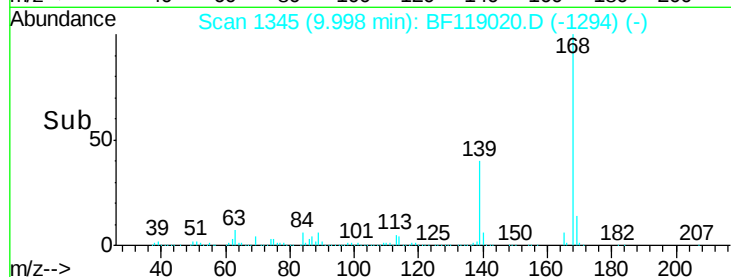
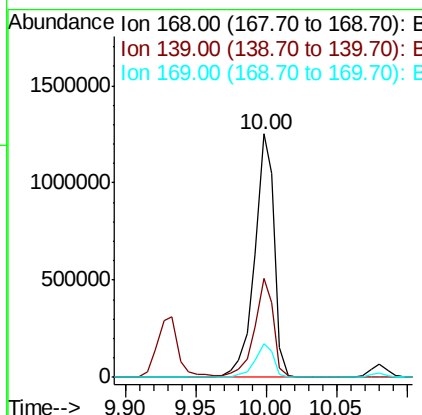
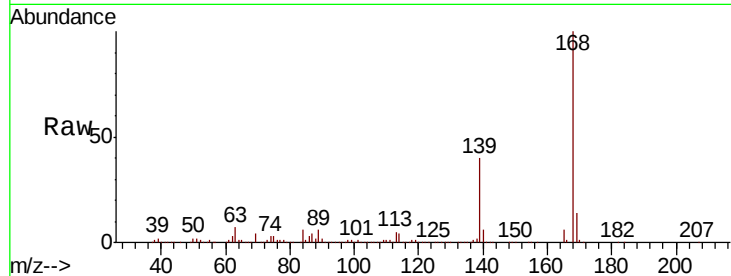
#55
Dibenzenofuran
Concen: 37.997 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.7	47.5
169	13.6	11.0	16.4

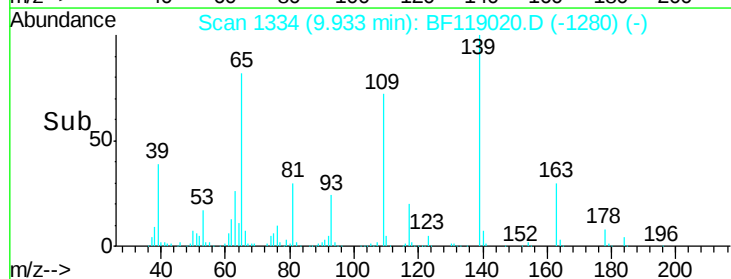
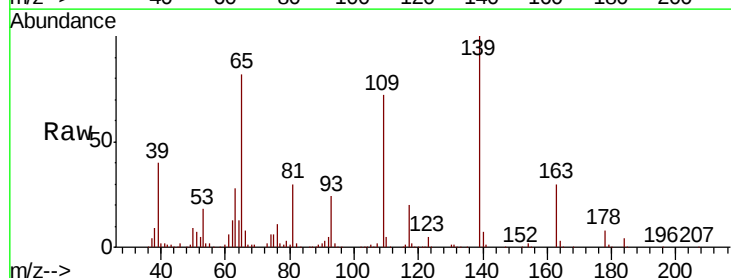
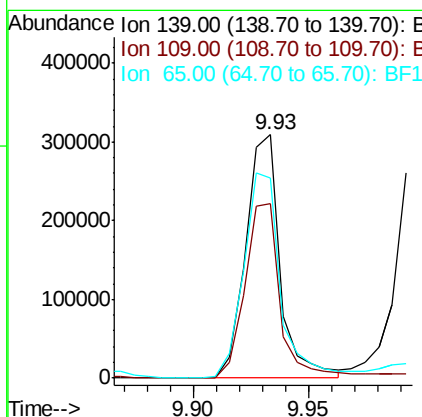
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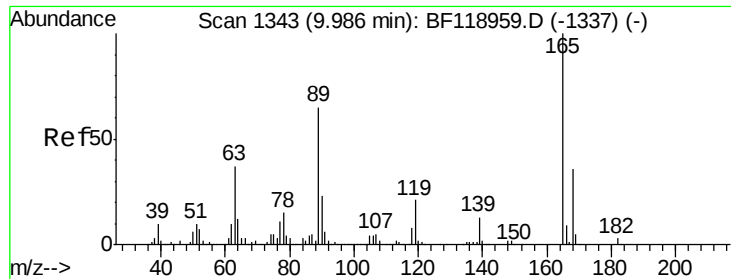
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#56
4-Nitrophenol
Concen: 75.044 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.7	51.1	91.1
65	82.0	64.7	104.7





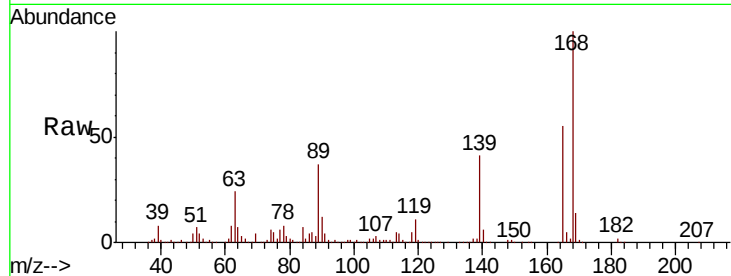
#57
2,4-Dinitrotoluene
Concen: 38.233 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

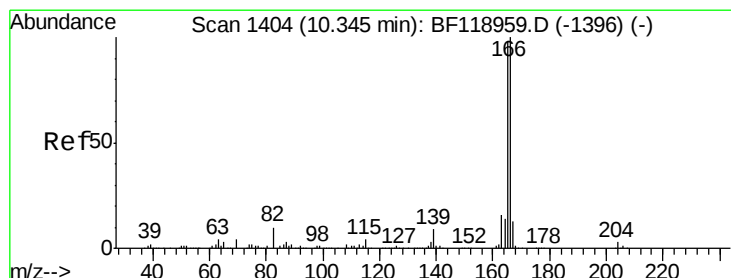
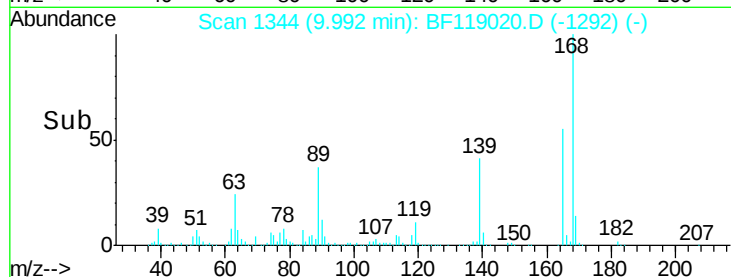
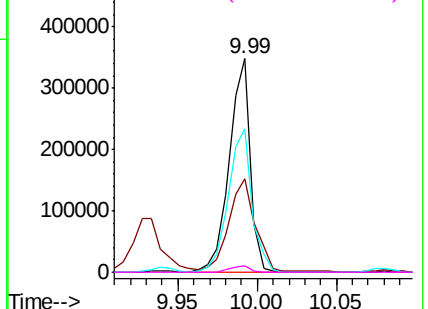
Tot Ion	Ratio	Resp	Lower	Upper
165	100	319632		
63	43.6	29.8	44.8	
89	67.2	51.9	77.9	
182	2.9	2.3	3.5	

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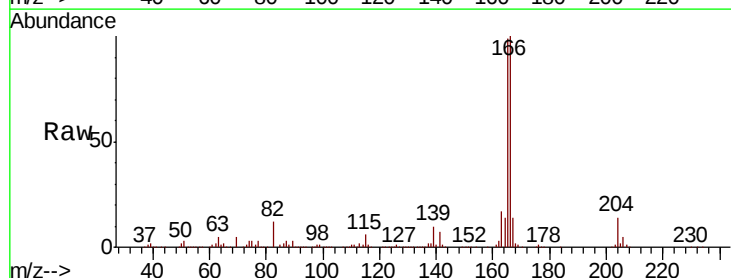


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

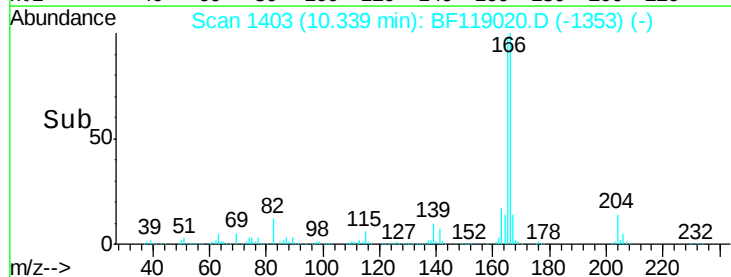
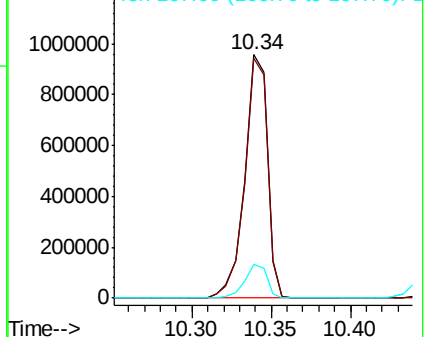


#58
Fluorene
Concen: 37.958 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	948003		
165	98.5	78.2	117.4	
167	14.0	10.6	16.0	



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





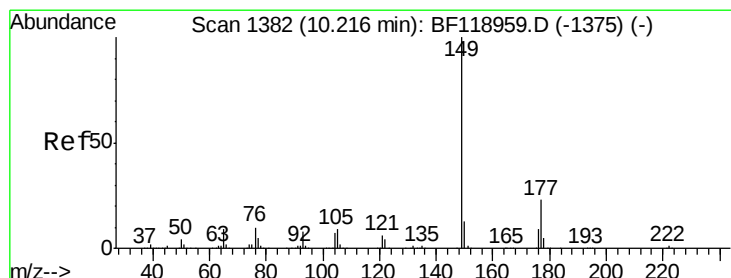
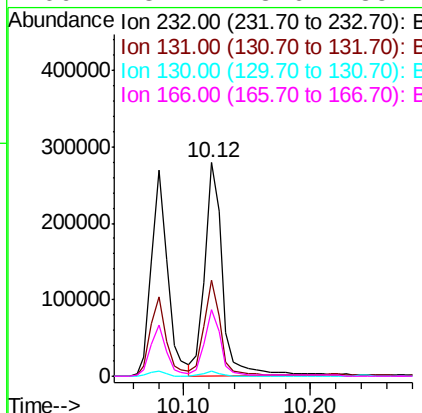
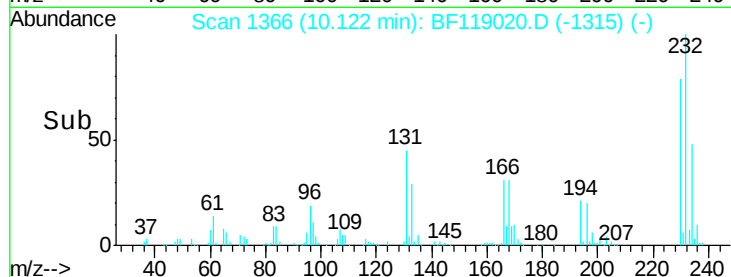
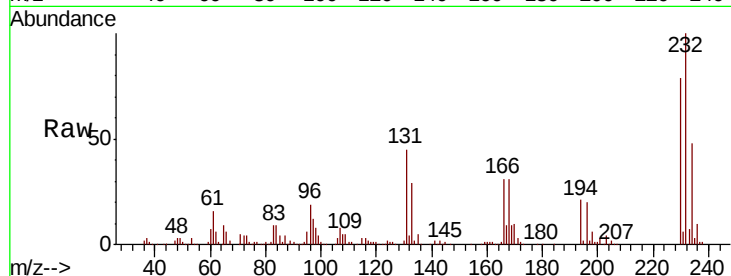
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.464 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BS

Tot Ion:	232	Resp:	268134
Ion Ratio	Lower	Upper	
232	100		
131	41.7	34.0	51.0
130	2.1	1.6	2.4
166	28.7	23.6	35.4

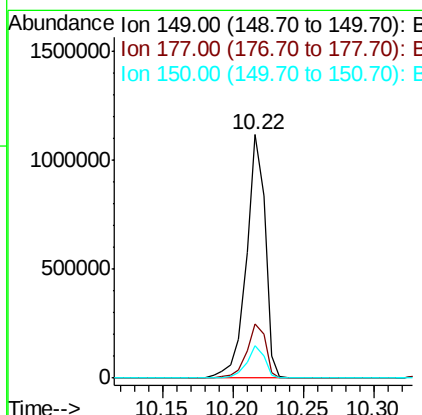
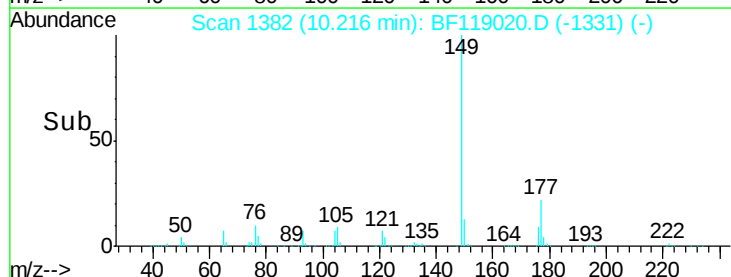
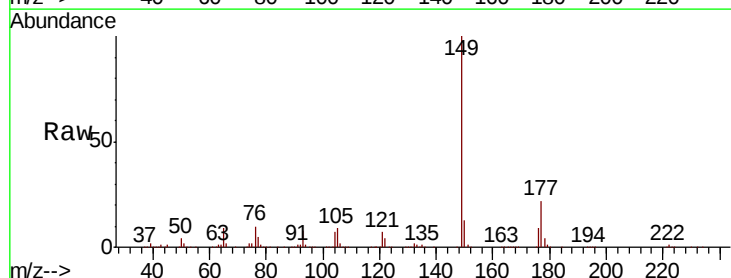
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#60
 Diethylphthalate
 Concen: 37.734 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion:	149	Resp:	1032314
Ion Ratio	Lower	Upper	
149	100		
177	22.4	18.1	27.1
150	13.1	10.4	15.6





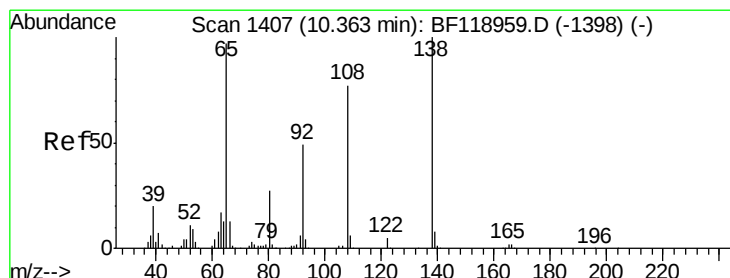
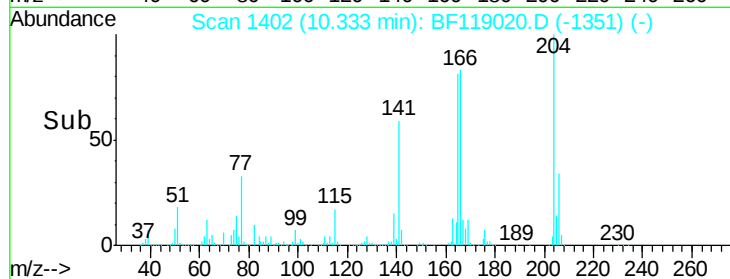
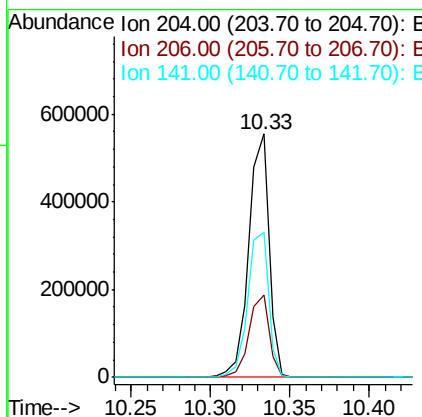
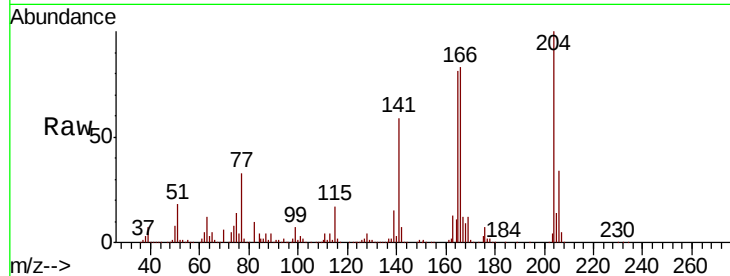
#61
 4-Chlorophenyl-phenylether
 Concen: 37.290 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BS

Tot Ion:	204	Resp:	492965
Ion Ratio		Lower	Upper
204	100		
206	34.0	26.5	39.7
141	59.3	49.5	74.3

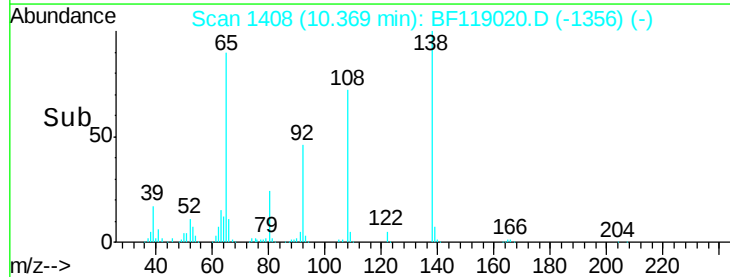
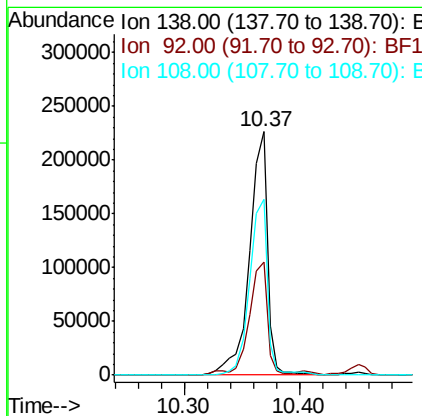
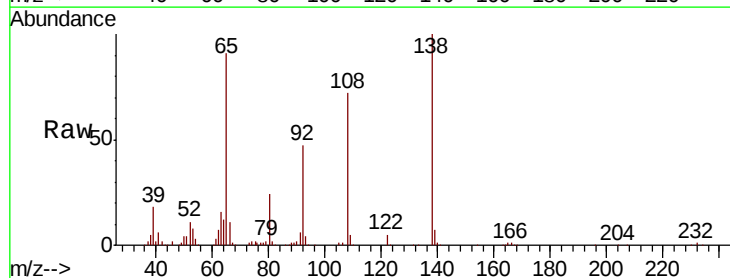
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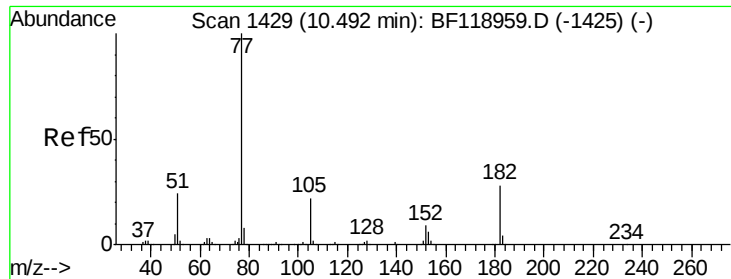
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#62
 4-Nitroaniline
 Concen: 33.816 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion:	138	Resp:	247380
Ion Ratio		Lower	Upper
138	100		
92	46.6	28.7	68.7
108	72.4	56.8	96.8





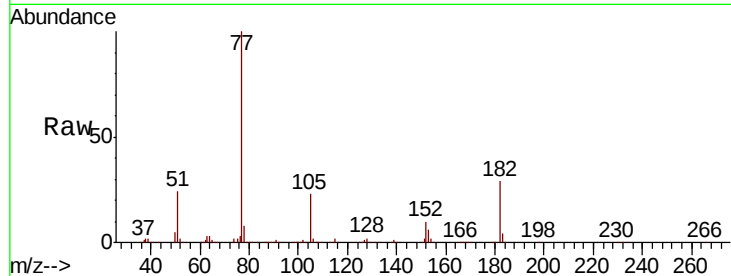
#63
Azobenzene
Concen: 38.406 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

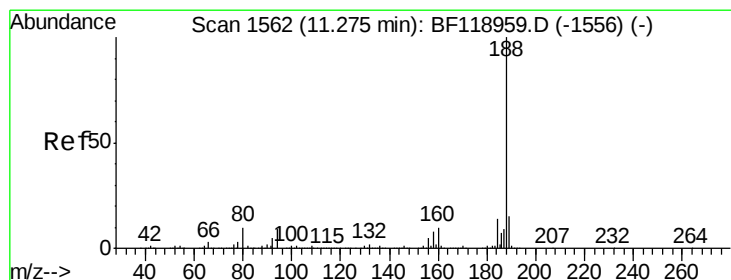
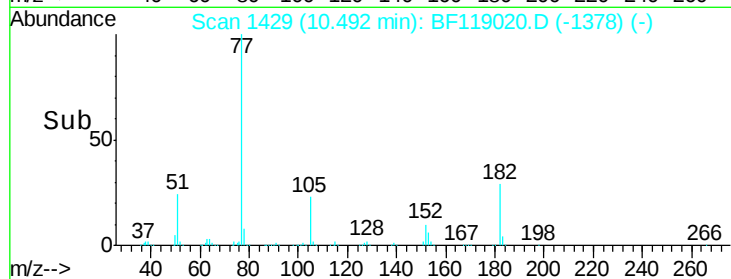
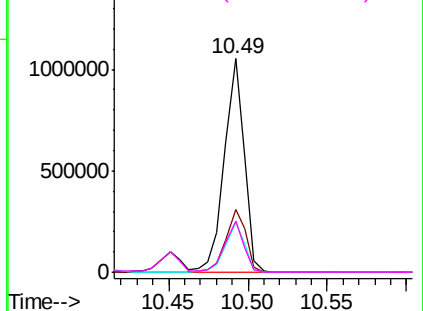
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.3	8.2	48.2	
105	23.3	2.3	42.3	
51	24.1	3.6	43.6	

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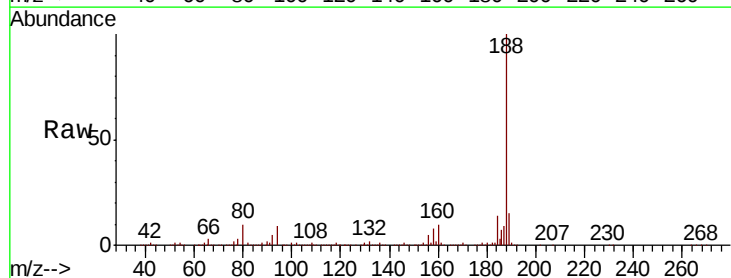


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

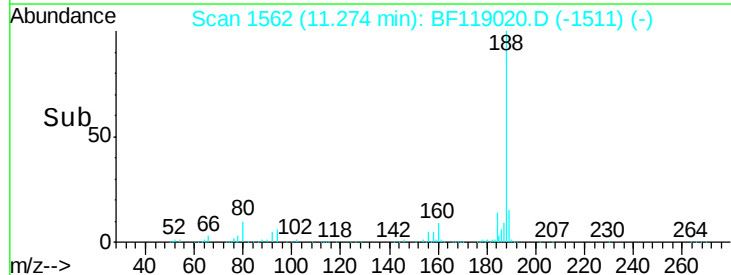
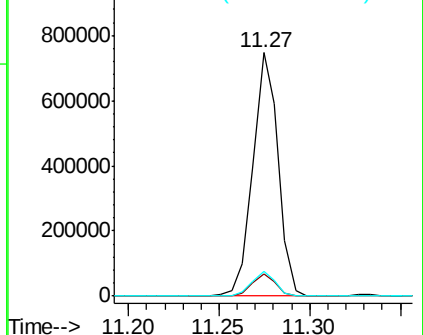


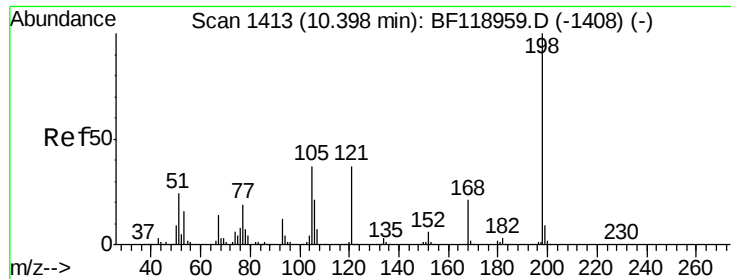
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	7.0	10.6	
80	9.9	7.9	11.9	



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





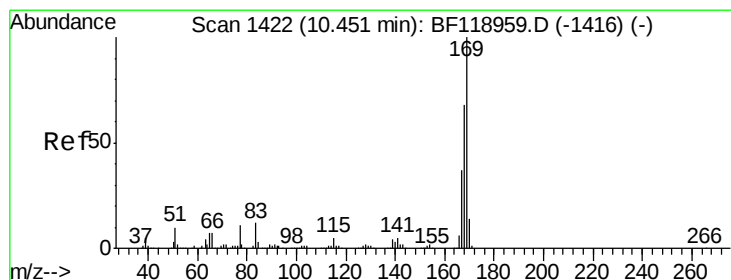
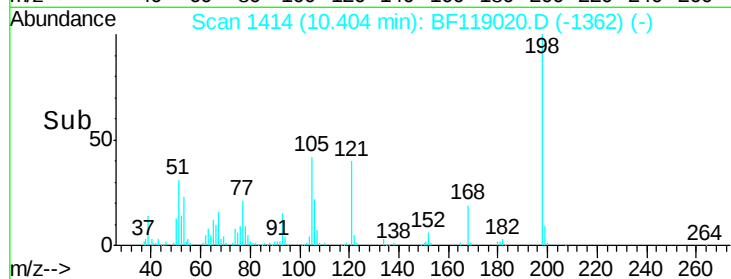
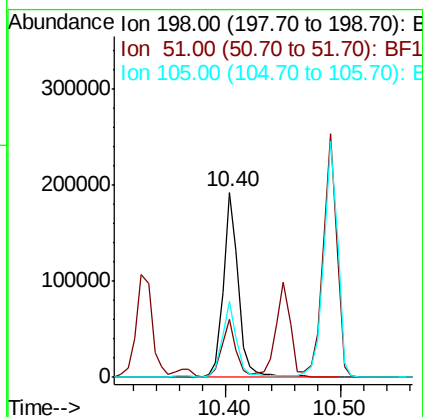
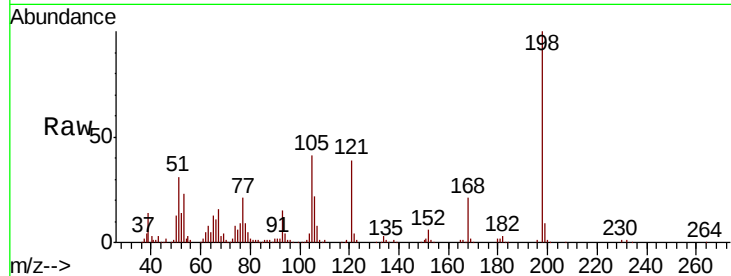
#65
4,6-Dinitro-2-methylphenol
Concen: 40.312 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	176286		
51	31.4	7.1	47.1	
105	41.4	18.3	58.3	

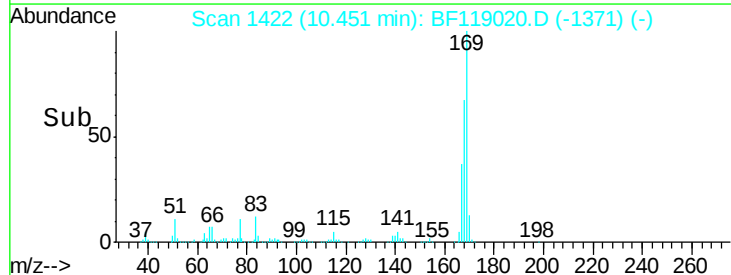
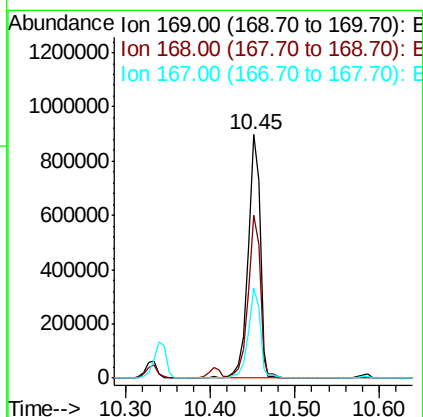
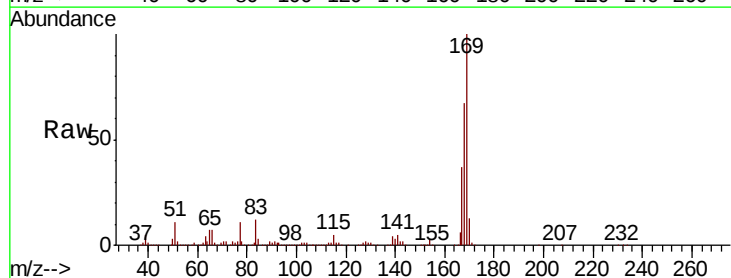
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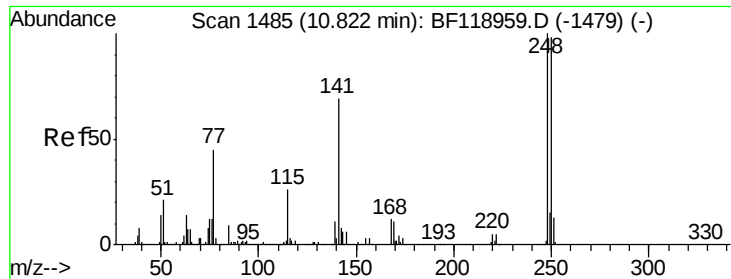
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#66
n-Nitrosodiphenylamine
Concen: 36.959 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	874580		
168	66.9	54.2	81.2	
167	36.8	29.4	44.2	





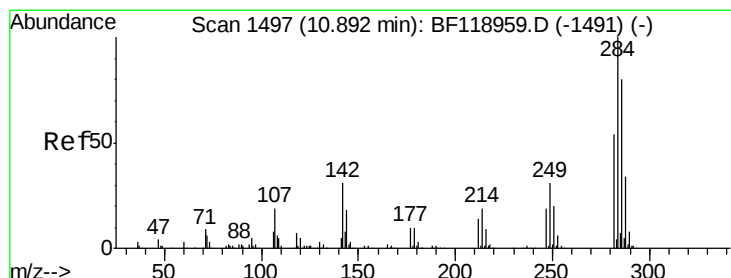
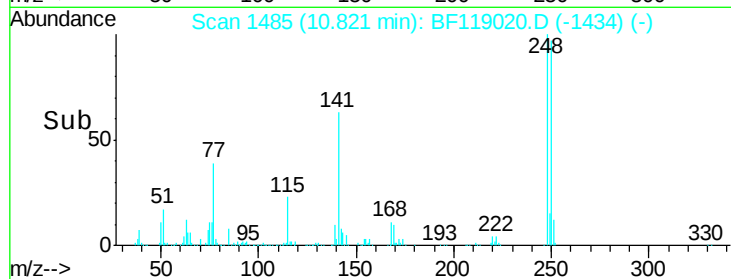
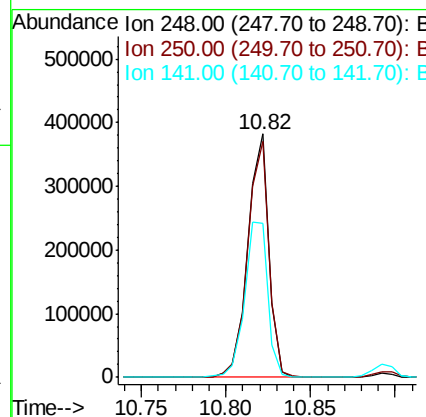
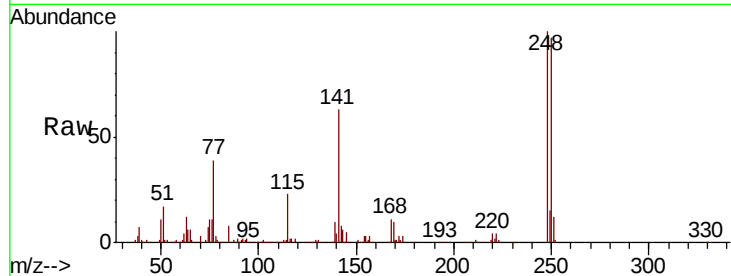
#67
4-Bromophenyl-phenylether
Concen: 35.360 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.8	118.2
141	63.3	55.3	82.9

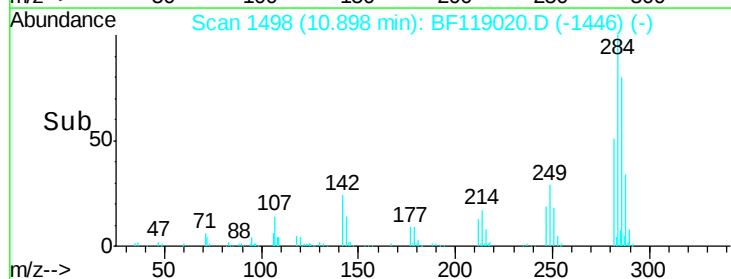
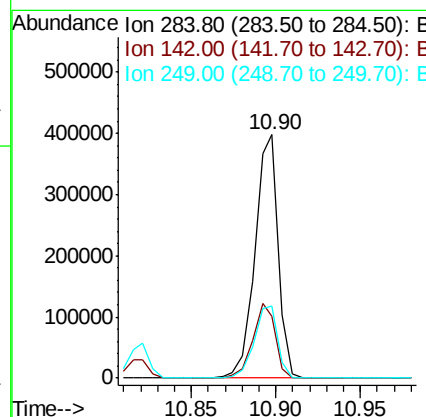
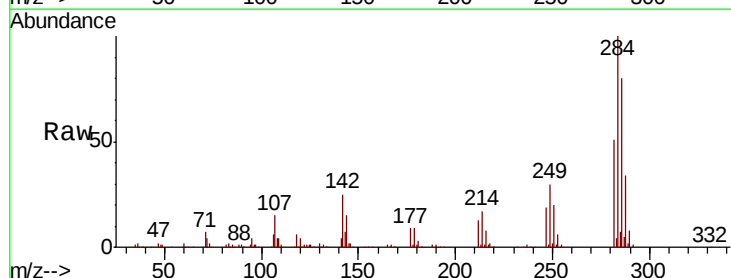
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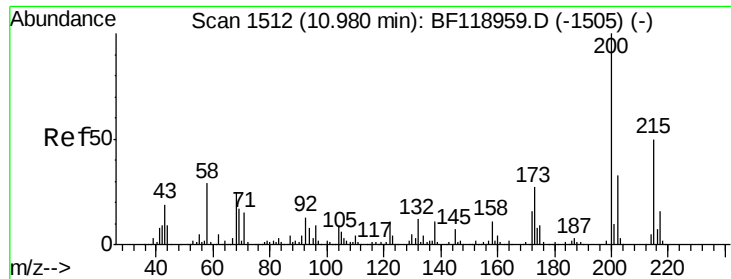
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#68
Hexachlorobenzene
Concen: 35.089 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.3	25.0	37.6
249	29.8	25.0	37.4





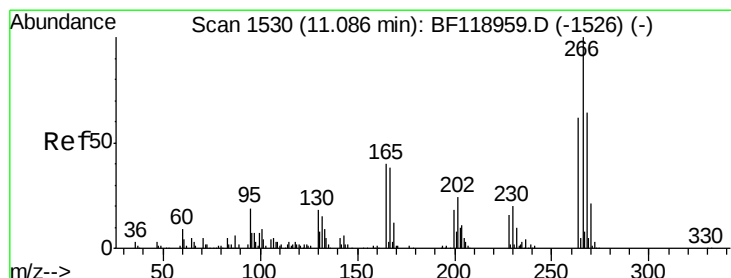
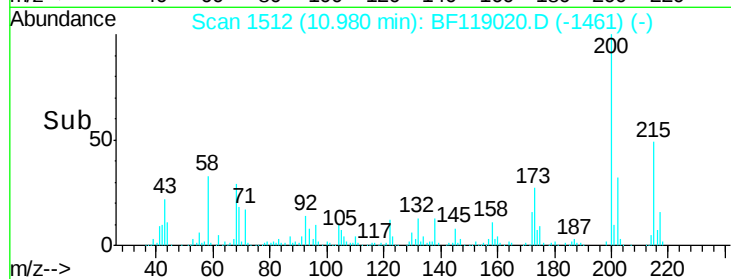
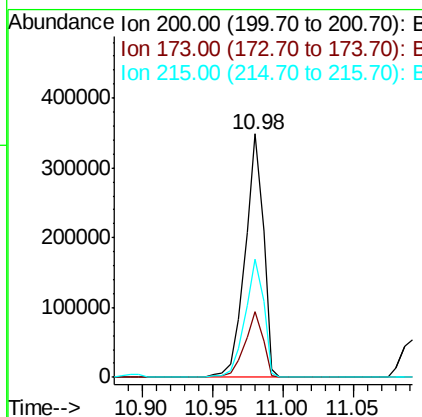
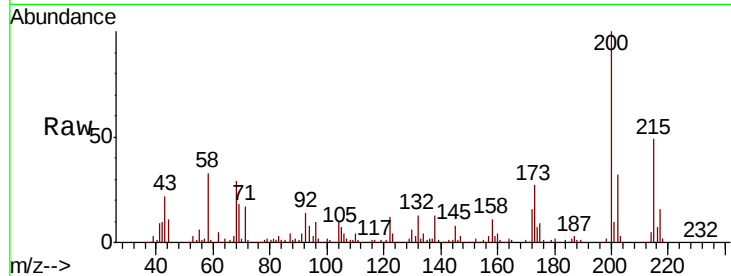
#69
Atrazine
Concen: 38.248 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	316221		
173	27.0	6.9	46.9	
215	48.7	29.7	69.7	

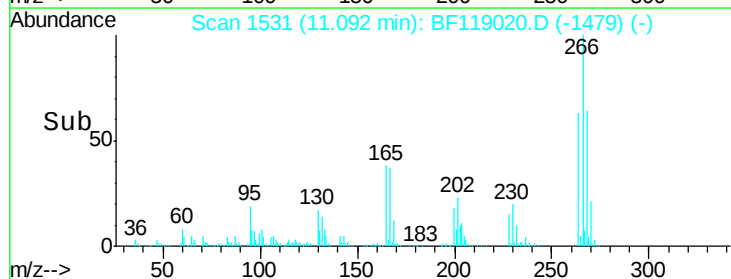
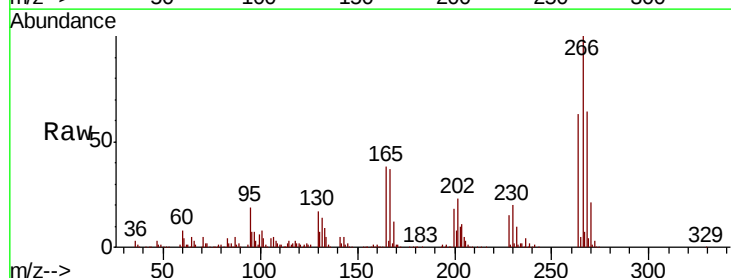
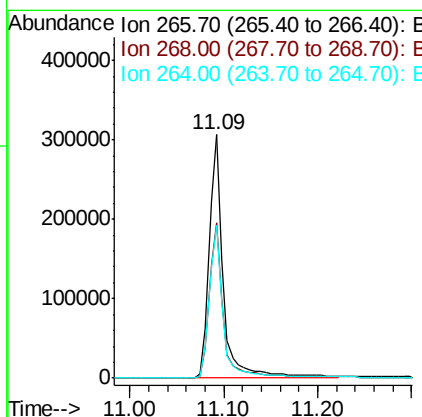
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#70
Pentachlorophenol
Concen: 74.713 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	327781		
268	63.9	51.4	77.0	
264	62.6	49.5	74.3	





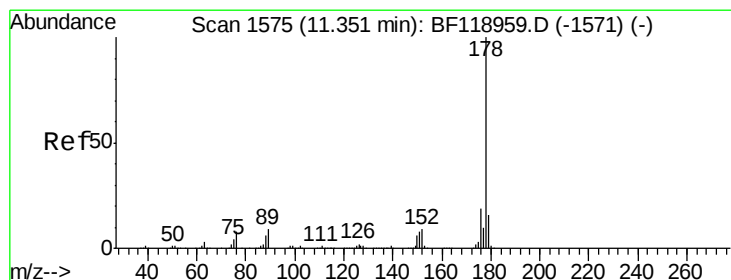
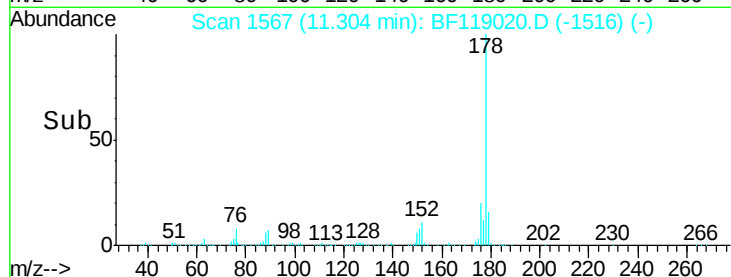
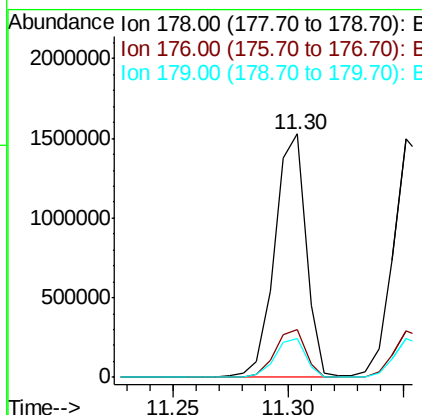
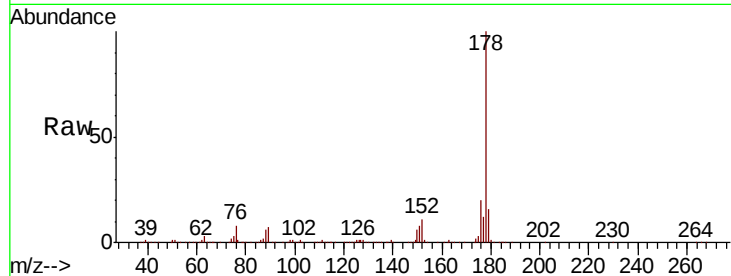
#71
Phenanthrene
Concen: 36.488 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.8	12.6	18.8

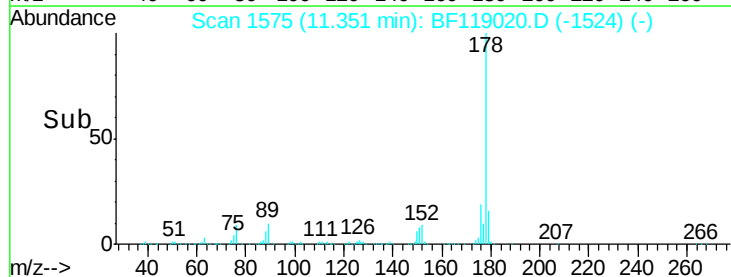
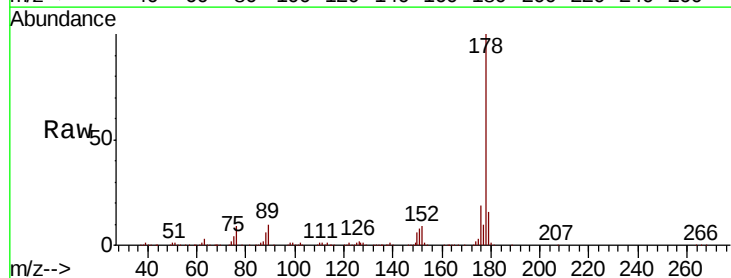
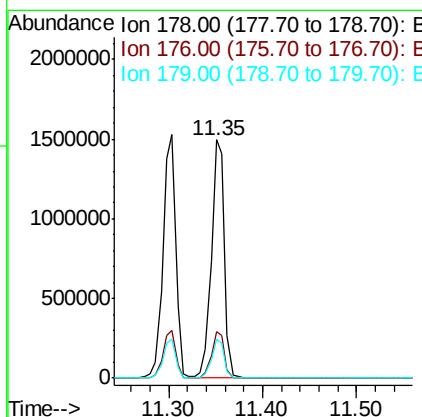
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#72
Anthracene
Concen: 37.409 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.1	12.8	19.2





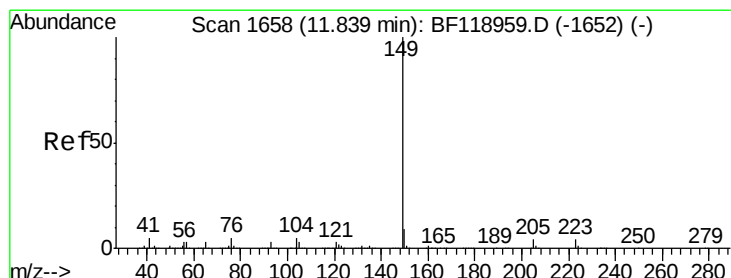
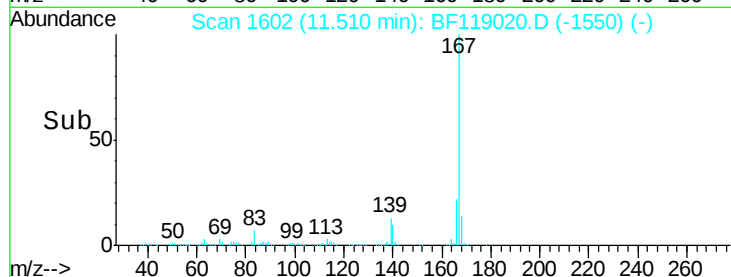
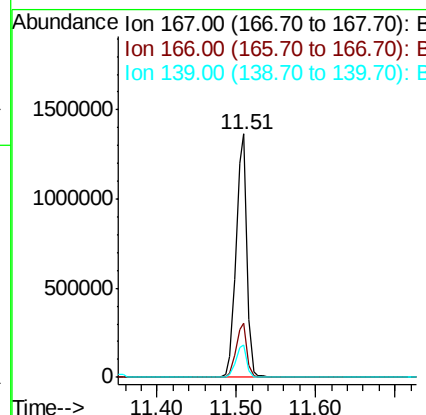
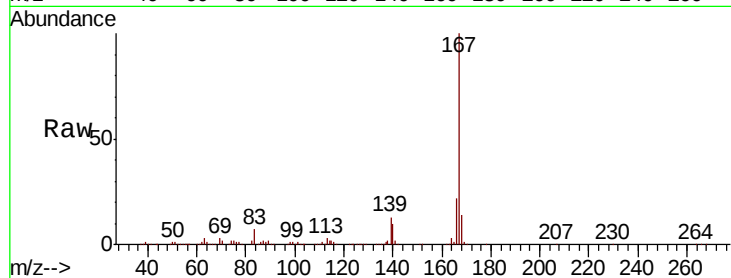
#73
 Carbazole
 Concen: 36.919 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.2	11.2	16.8

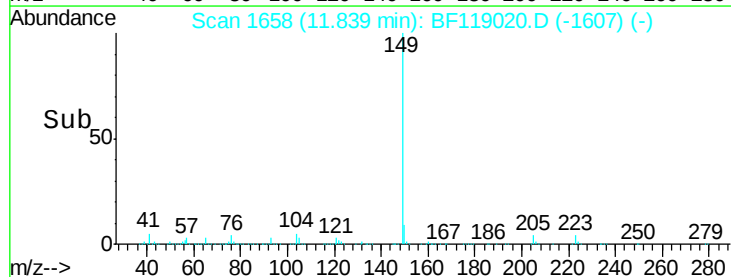
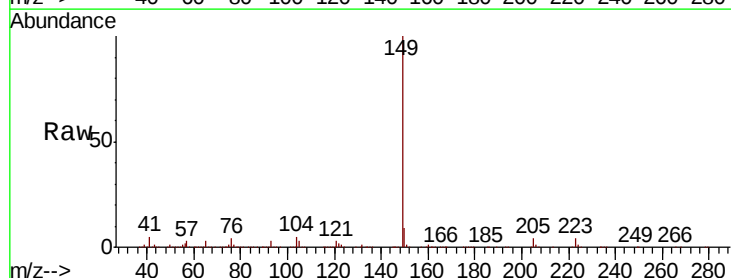
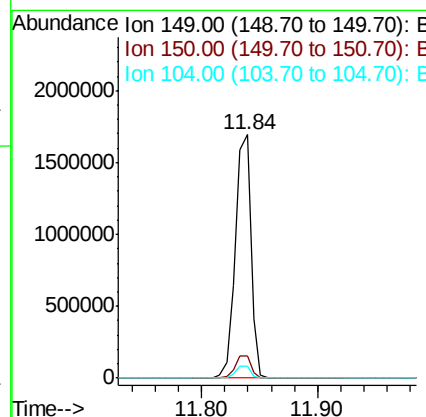
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#74
 Di-n-butylphthalate
 Concen: 37.425 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.9	4.0	6.0





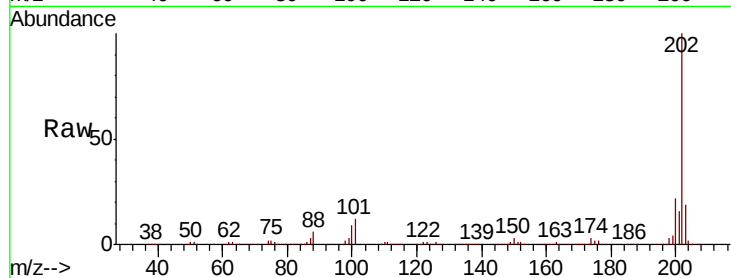
#75
 Fluoranthene
 Concen: 36.753 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BS

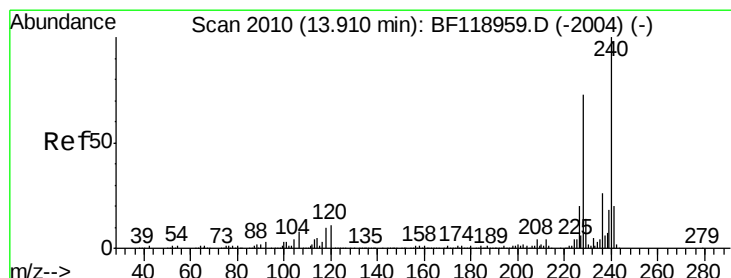
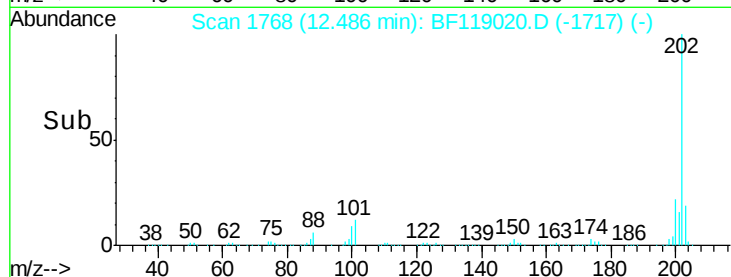
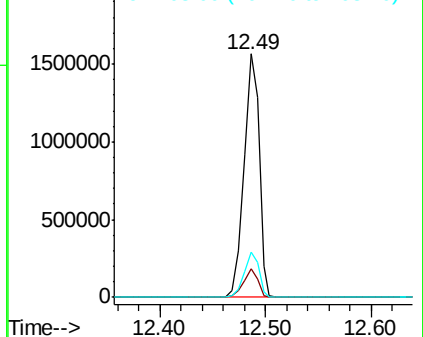
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.1
203	18.6	0.0	38.1

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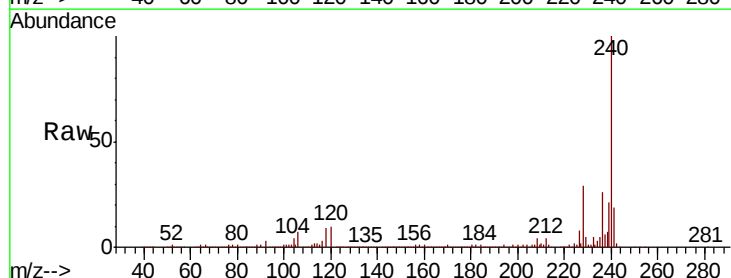


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

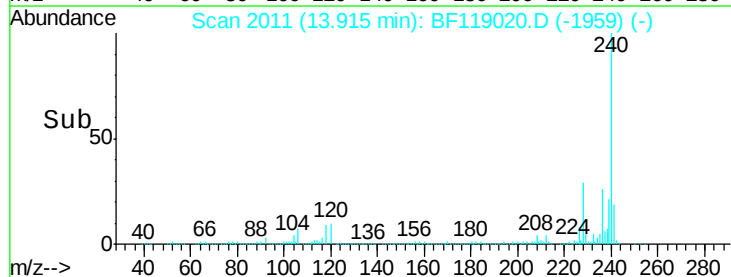
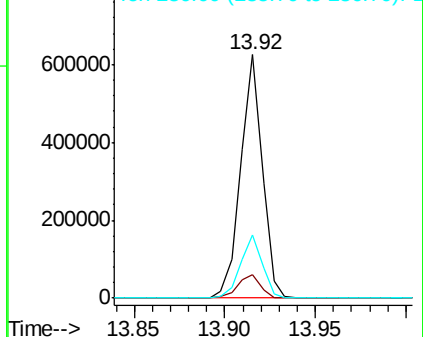


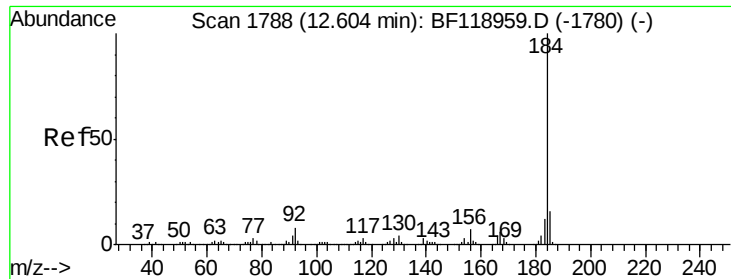
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.9	13.3
236	26.2	20.6	30.8



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: 20.061 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB126979BS

Tot Ion:184 Resp: 423666

Ion Ratio Lower Upper

184 100

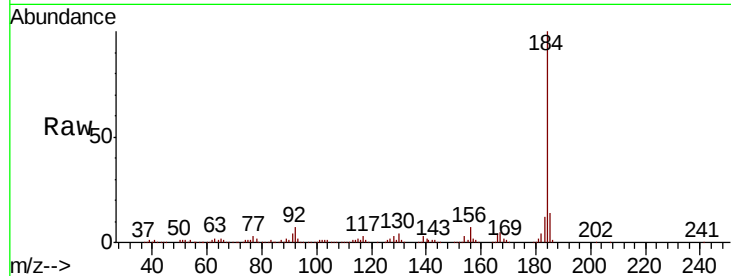
185 14.1 12.6 19.0

183 12.0 9.9 14.9

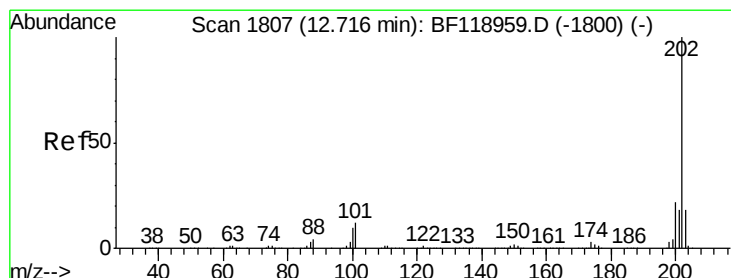
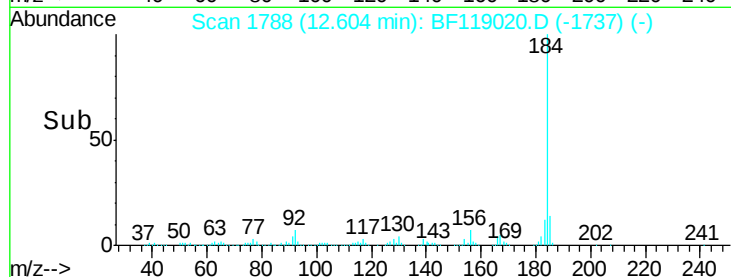
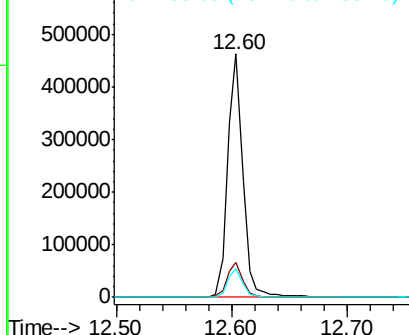
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.239 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

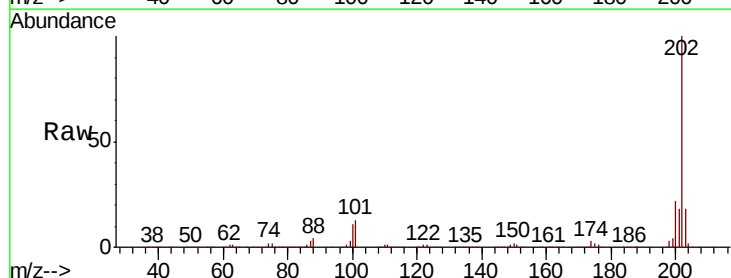
Tgt Ion:202 Resp: 1552801

Ion Ratio Lower Upper

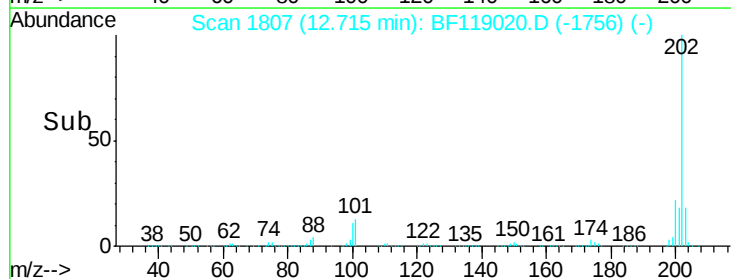
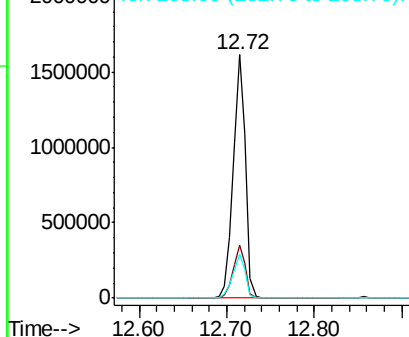
202 100

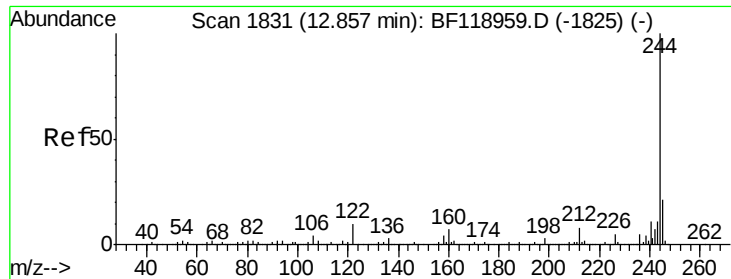
200 21.7 17.4 26.0

203 18.2 14.5 21.7



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: 65.046 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampled :

PB126979BS

Tot Ion:244 Resp: 1961919

Ion Ratio Lower Upper

244 100

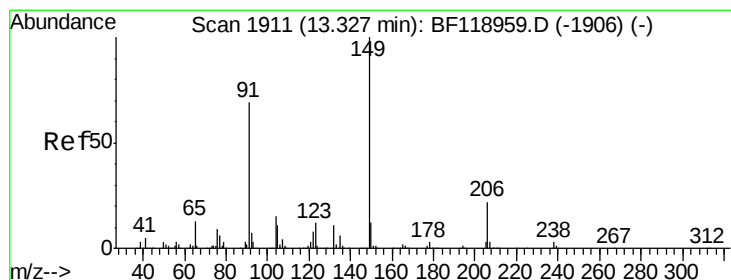
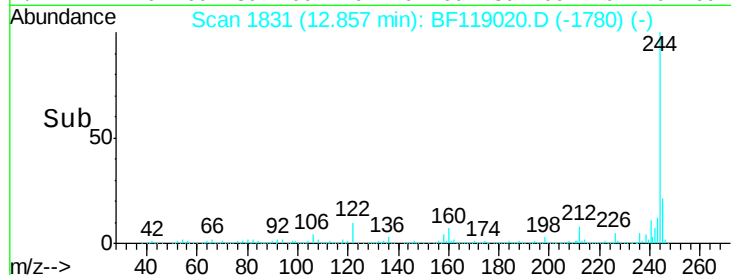
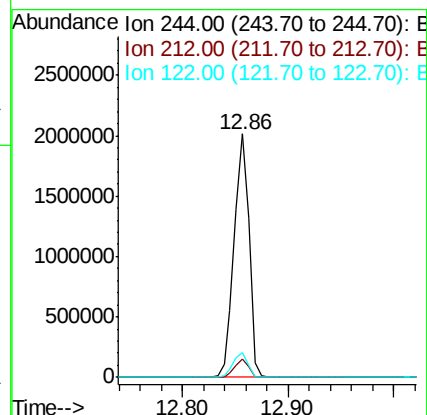
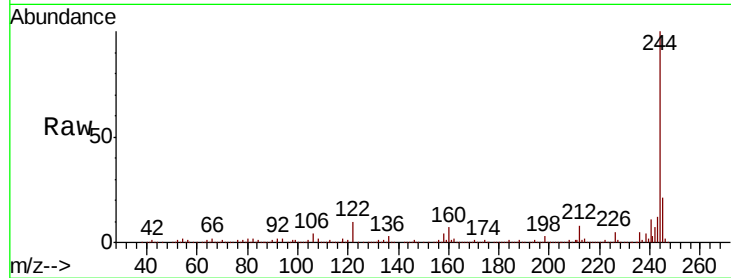
212 7.6 6.3 9.5

122 10.4 8.4 12.6

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#80

Butylbenzylphthalate

Concen: 38.287 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

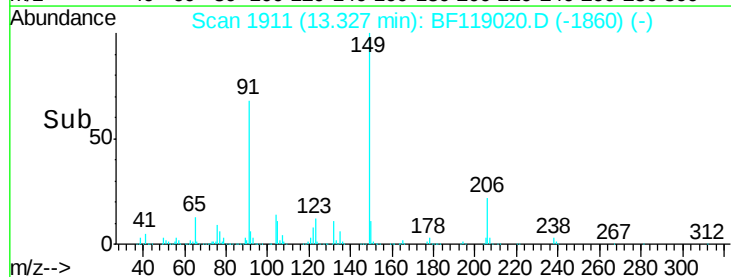
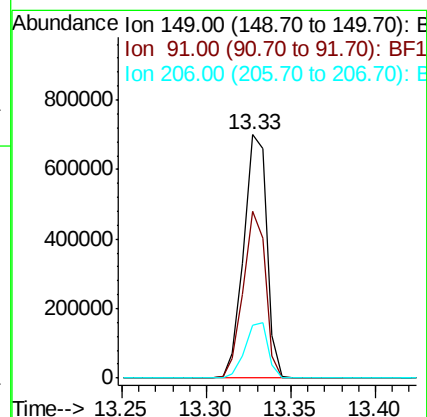
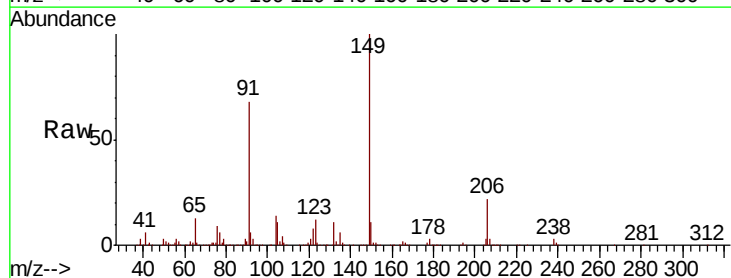
Tgt Ion:149 Resp: 671925

Ion Ratio Lower Upper

149 100

91 68.4 55.4 83.2

206 21.8 17.7 26.5





#81

Benzo(a)anthracene

Concen: 36.730 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB126979BS

Tot Ion:228 Resp: 1299605

Ion Ratio Lower Upper

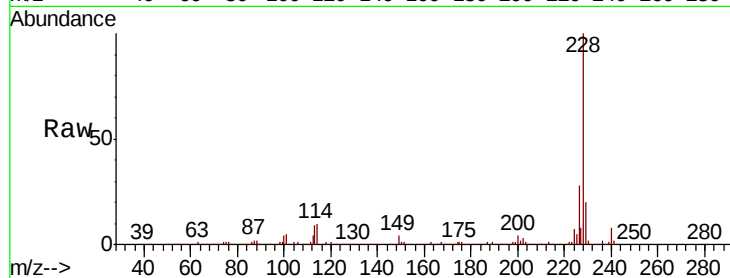
228 100

226 27.9 21.8 32.8

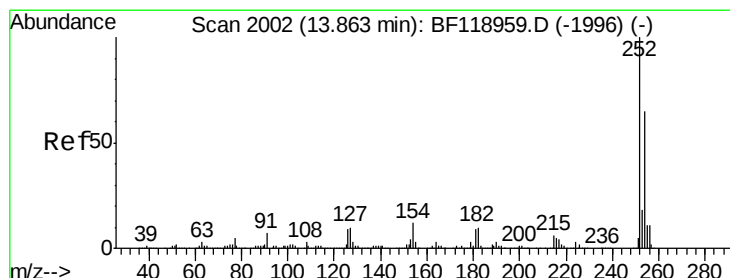
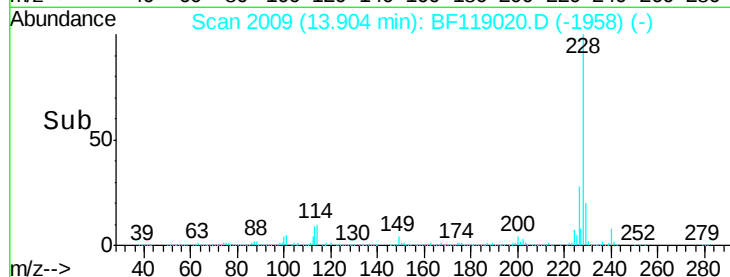
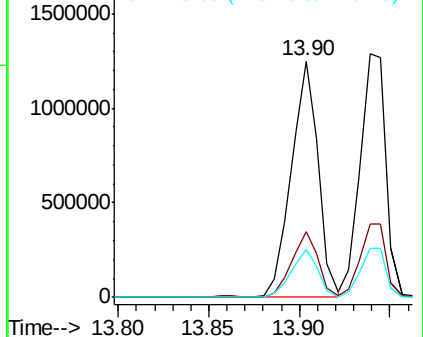
229 20.2 16.0 24.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.400 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

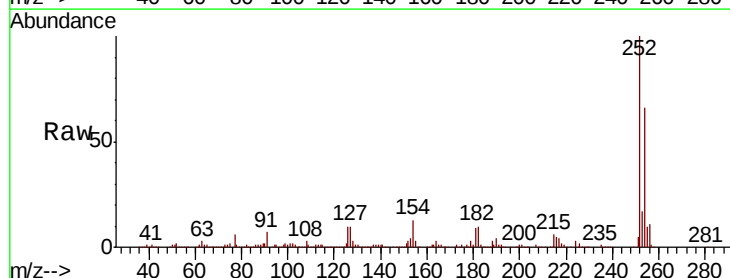
Tgt Ion:252 Resp: 403940

Ion Ratio Lower Upper

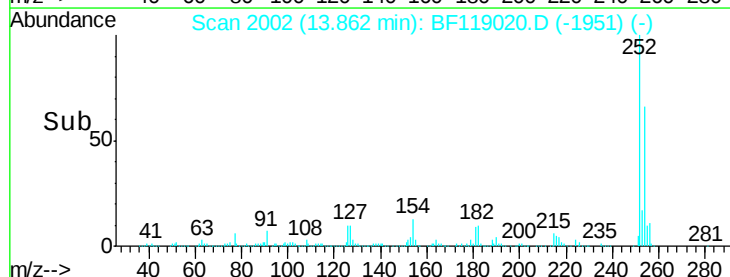
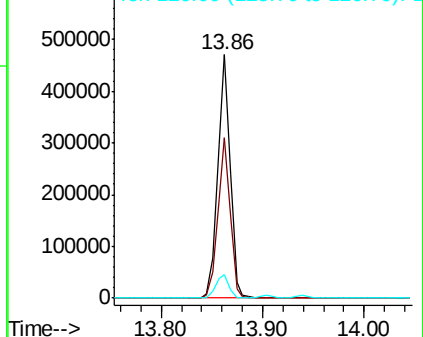
252 100

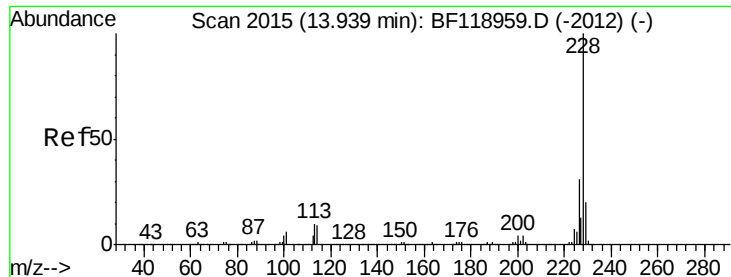
254 65.8 52.1 78.1

126 9.8 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





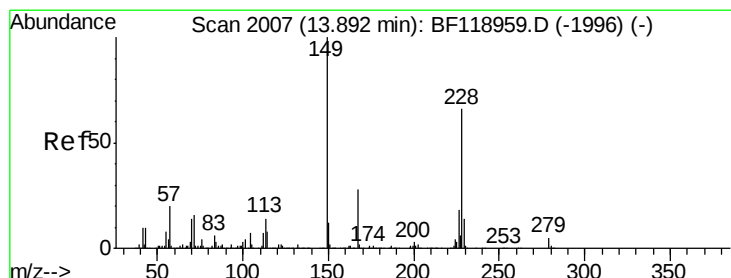
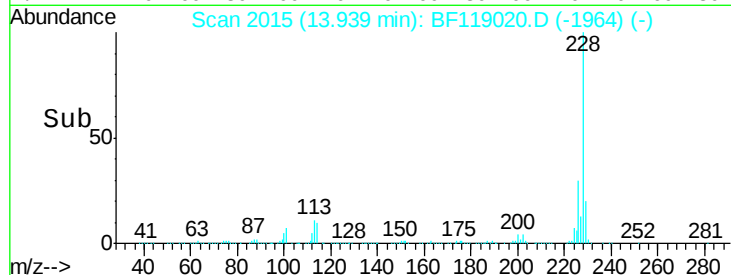
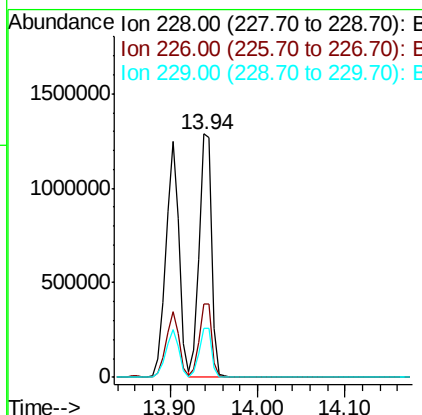
#83
 Chrvsene
 Concen: 36.257 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.2	16.2	24.2

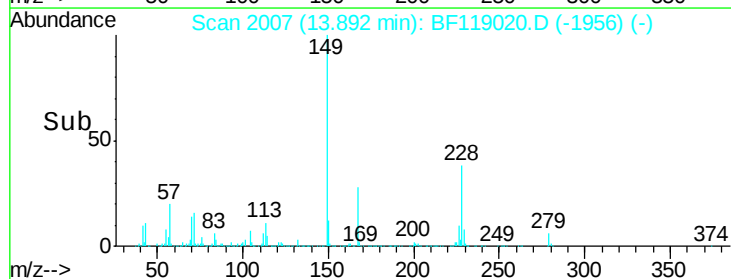
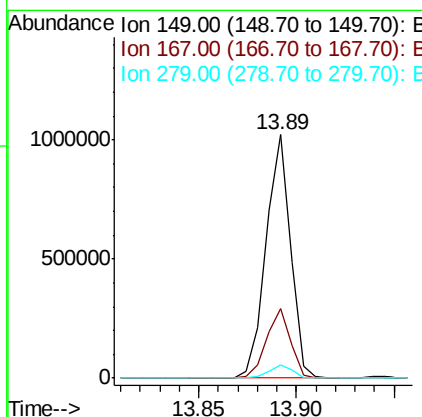
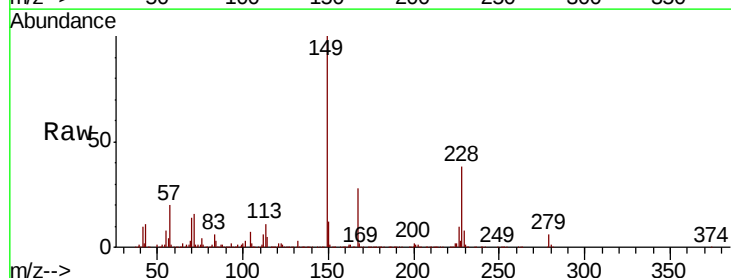
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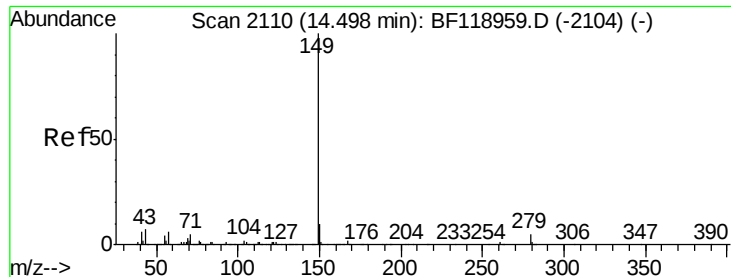
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.052 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.3	33.5
279	5.6	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 40.147 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB126979BS

Tot Ion:149 Resp: 1418230

Ion Ratio Lower Upper

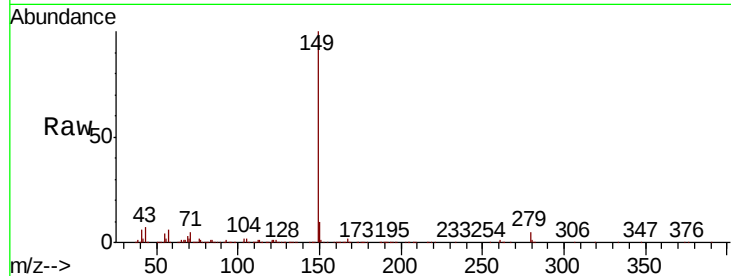
149 100

167 1.7 1.3 1.9

43 6.5 5.2 7.8

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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

2000000

1500000

1000000

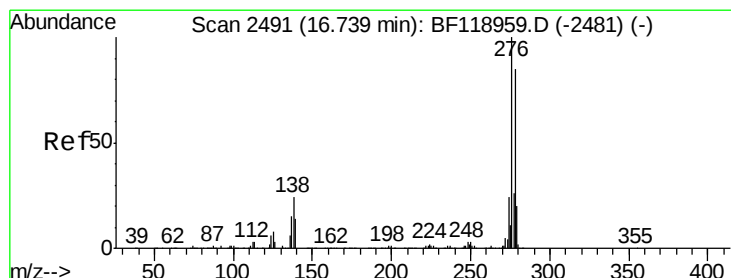
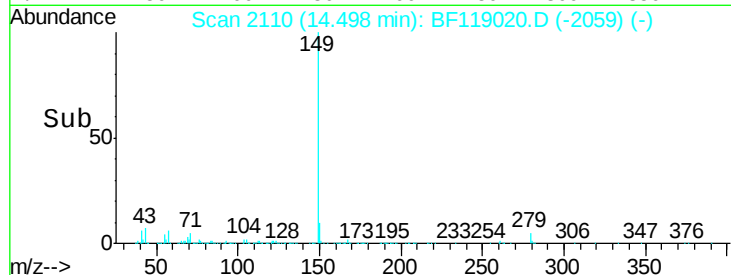
500000

0

14.50

14.60

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.547 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

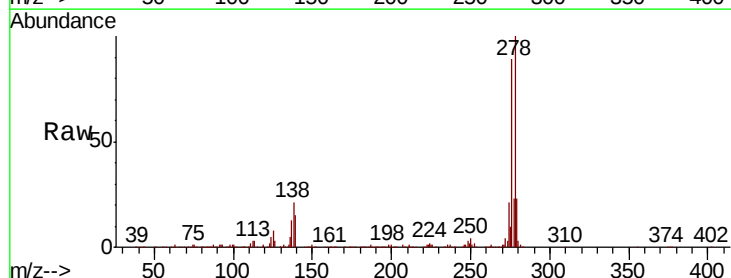
Tgt Ion:276 Resp: 1042813

Ion Ratio Lower Upper

276 100

138 21.8 18.7 28.1

277 25.6 20.3 30.5



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

600000

500000

400000

300000

200000

100000

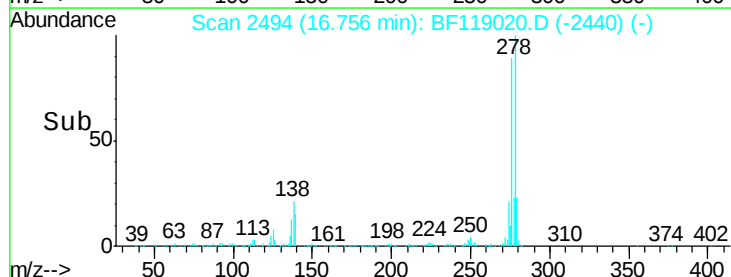
0

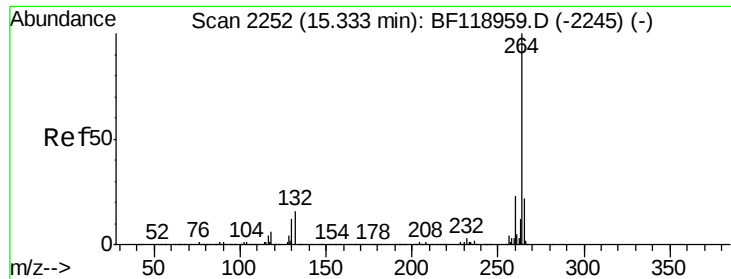
16.76

16.80

16.90

Time-->





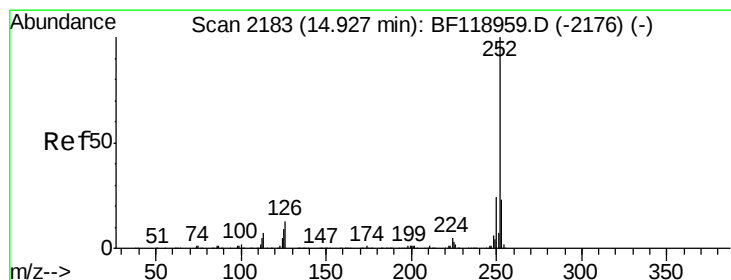
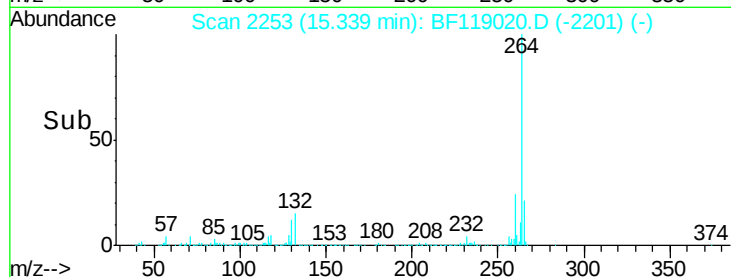
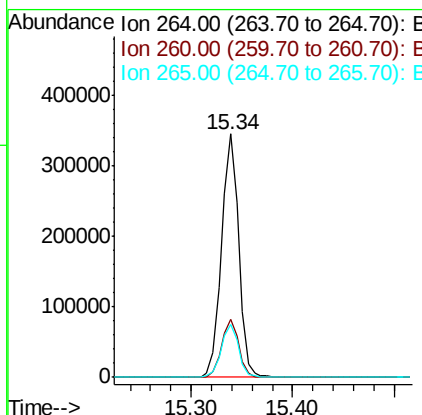
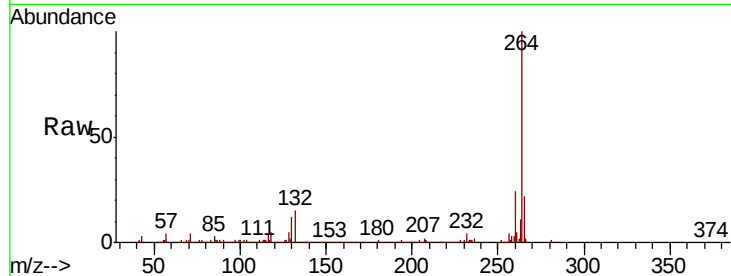
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.5	17.3	25.9

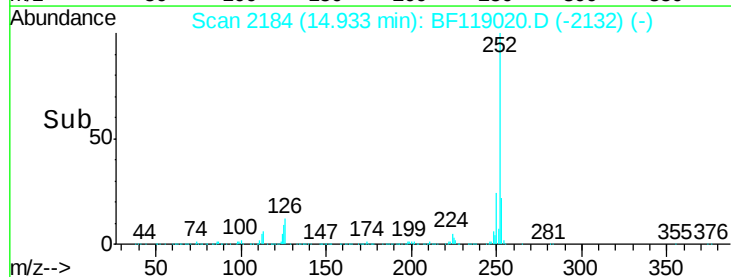
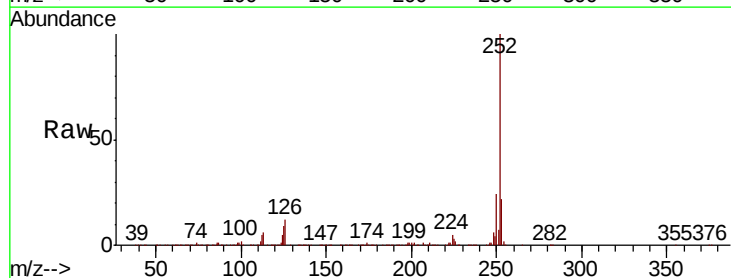
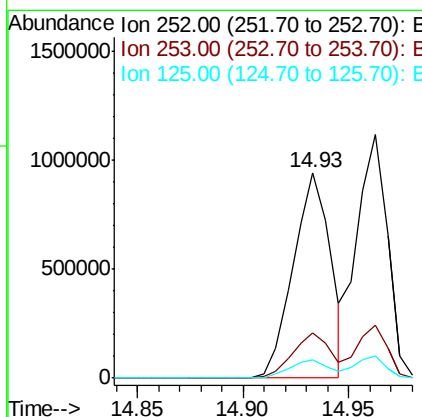
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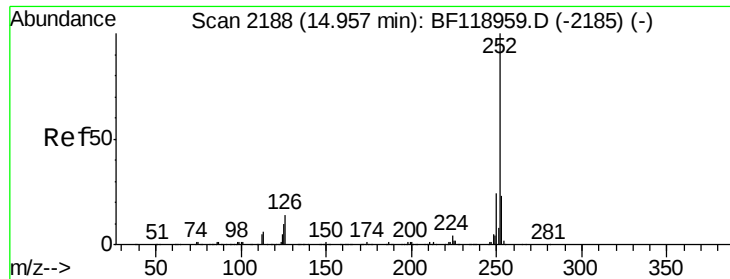
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#88
Benzo(b)fluoranthene
Concen: 43.340 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.9	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 45.813 ng

RT: 14.96 min Scan# 2189

Delta R.T. 0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB126979BS

Tot Ion:252 Resp: 1135275

Ion Ratio Lower Upper

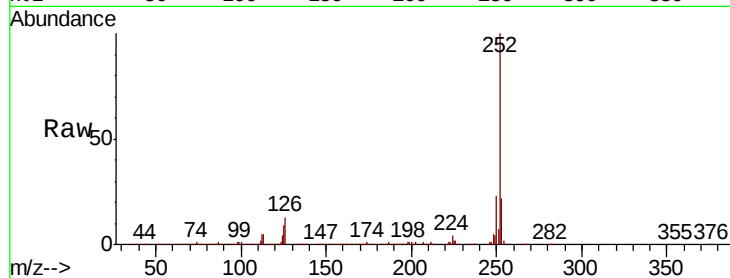
252 100

253 21.9 17.9 26.9

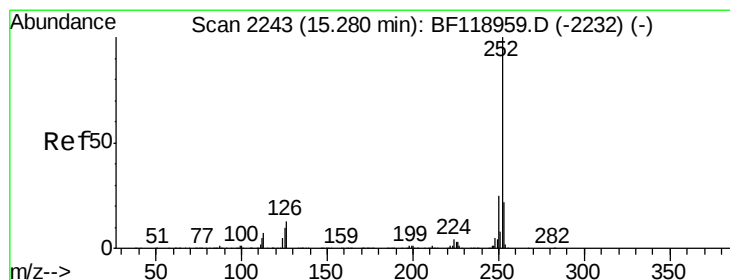
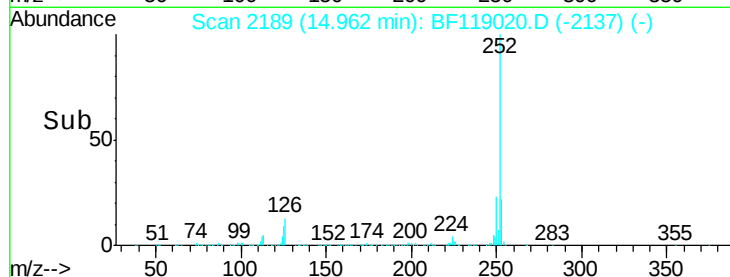
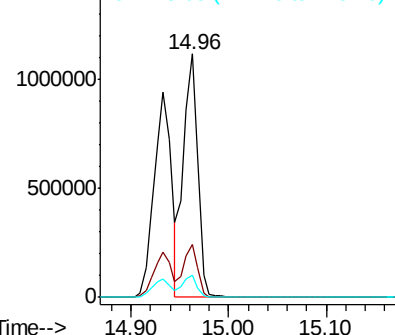
125 9.1 7.3 10.9

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Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.884 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

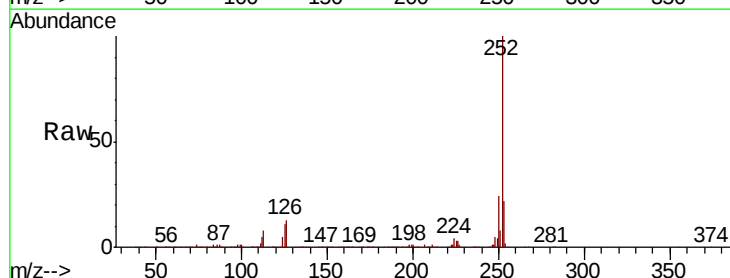
Tgt Ion:252 Resp: 986674

Ion Ratio Lower Upper

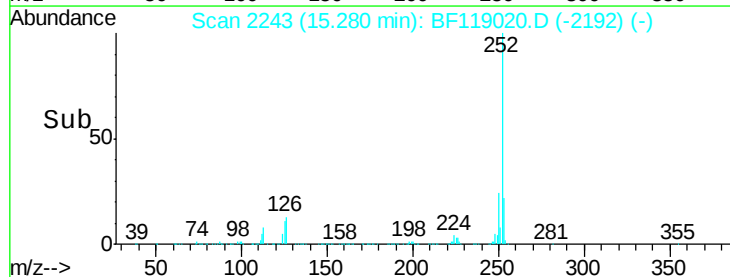
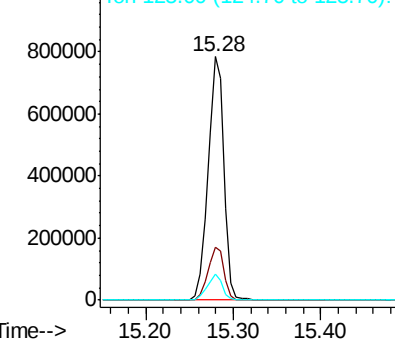
252 100

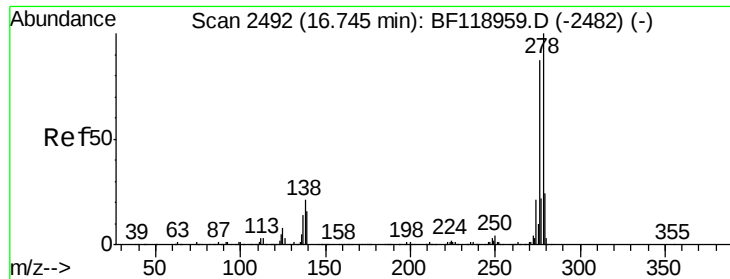
253 21.9 17.9 26.9

125 11.0 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
1000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





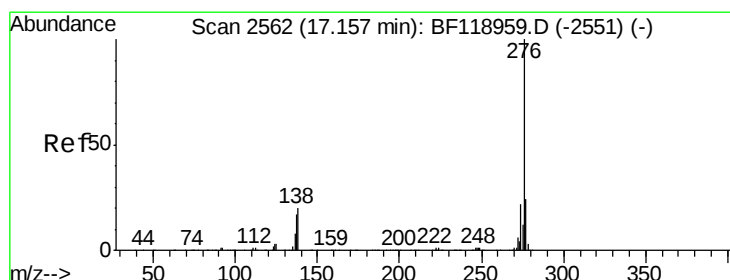
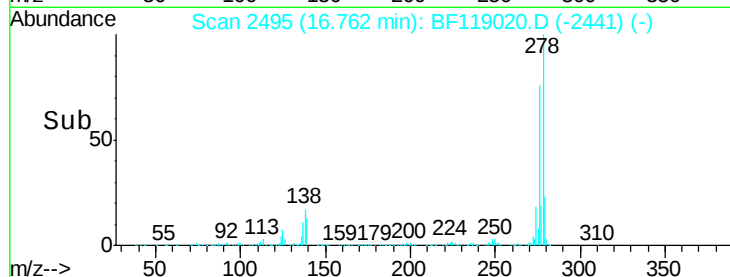
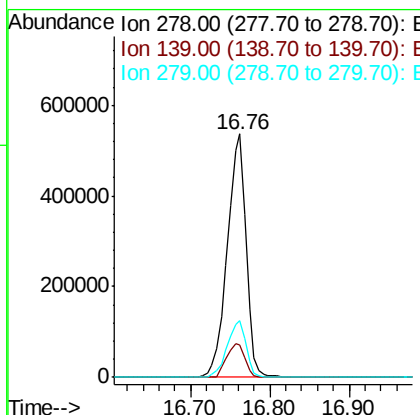
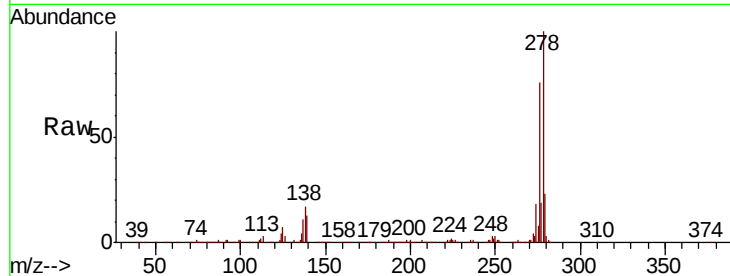
#91
Dibenzo(a,h)anthracene
Concen: 41.444 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.02 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	12.6	18.8
279	23.3	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 41.678 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.02 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	18.7	16.2	24.4

