

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112420\
 Data File : BF122469.D
 Acq On : 24 Nov 2020 15:58
 Operator : JU/CG
 Sample : L4858-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHC-340EM-013

Quant Time: Nov 24 16:43:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	191107	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	737086	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	400500	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	679679	20.00	ng	0.00
76) Chrysene-d12	14.039	240	429637	20.00	ng	0.00
86) Perylene-d12	15.515	264	481053	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1224128	98.36	ng	0.00
7) Phenol-d6	6.492	99	1558001	95.69	ng	0.00
23) Nitrobenzene-d5	7.422	82	990774	82.29	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	458122	106.58	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1686319	65.79	ng	0.00
79) Terphenyl-d14	12.974	244	1337573	65.95	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	6532	Below Cal	#	1
10) Phenol	6.504	94	150858	9.41	ng	78
18) Hexachloroethane	7.392	117	55348	10.80	ng	# 1
22) Acetophenone	7.251	105	100022	5.21	ng	# 53
26) 2-Nitrophenol	7.763	139	1859	7.08	ng	# 1
27) 2,4-Dimethylphenol	7.792	122	37969	3.00	ng	82
31) Naphthalene	8.163	128	404297	10.32	ng	99
32) Benzoic acid	7.922	122	16297	9.90	ng	# 46
33) 4-Chloroaniline	8.163	127	55002	3.22	ng	# 38
37) 2-Methylnaphthalene	8.851	142	122402	4.73	ng	98
38) 1-Methylnaphthalene	8.951	142	90492	3.73	ng	99
48) 2-Nitroaniline	9.457	65	506	5.23	ng	# 53
49) Acenaphthylene	9.757	152	236581	6.08	ng	99
50) Dimethylphthalate	9.610	163	119537	4.20	ng	# 98
51) 2,6-Dinitrotoluene	9.586	165	5231	4.57	ng	92
53) 3-Nitroaniline	9.851	138	342	3.60	ng	# 49
54) 2,4-Dinitrophenol	10.092	184	113	6.39	ng	# 1
55) Dibenzofuran	10.098	168	90452	2.56	ng	# 91
56) 4-Nitrophenol	10.204	139	3485	5.93	ng	92
57) 2,4-Dinitrotoluene	10.069	165	5673	5.36	ng	# 50
58) Fluorene	10.445	166	177197	6.56	ng	99
62) 4-Nitroaniline	10.492	138	319	3.42	ng	# 27
65) 4,6-Dinitro-2-methylph...	10.504	198	108	6.19	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	30316	3.80	ng	# 1
71) Phenanthrene	11.410	178	1503644	38.99	ng	99
72) Anthracene	11.457	178	323146	8.13	ng	99
73) Carbazole	11.616	167	118733	3.28	ng	99
75) Fluoranthene	12.604	202	1463540	36.35	ng	98
78) Pyrene	12.833	202	1393376	46.16	ng	100
80) Butylbenzylphthalate	13.398	149	957	3.36	ng	# 1
81) Benzo(a)anthracene	14.062	228	492153	18.42	ng	94
83) Chrysene	14.062	228	492153	18.29	ng	97
87) Indeno(1,2,3-cd)pyrene	16.980	276	290471	10.06	ng	96
88) Benzo(b)fluoranthene	15.086	252	816261	26.20	ng	# 96
89) Benzo(k)fluoranthene	15.086	252	816261	26.87	ng	# 95
90) Benzo(a)pyrene	15.451	252	464823	17.11	ng	97

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Misc :
ALS Vial : 6 Sample Multiplier: 1

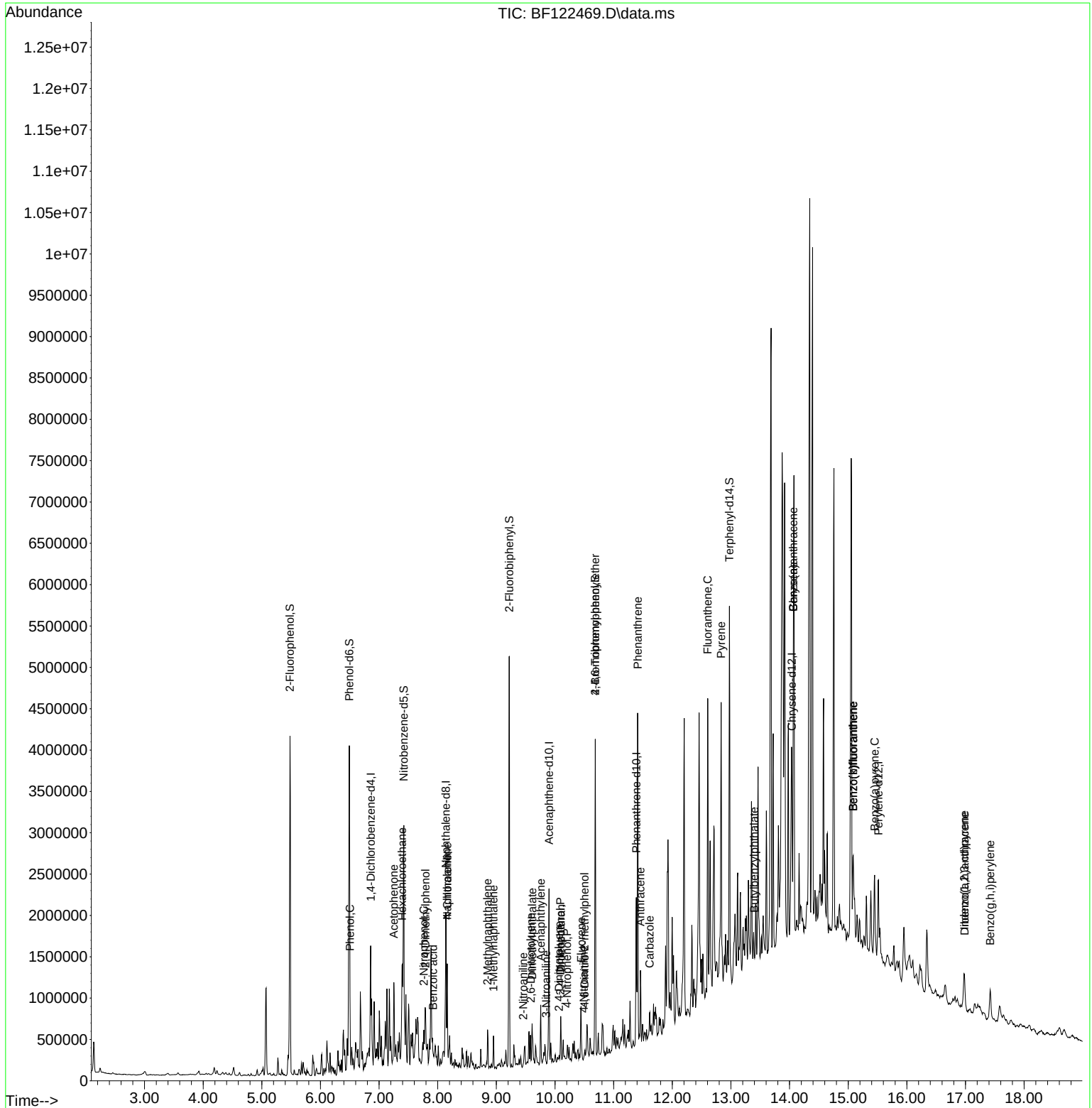
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

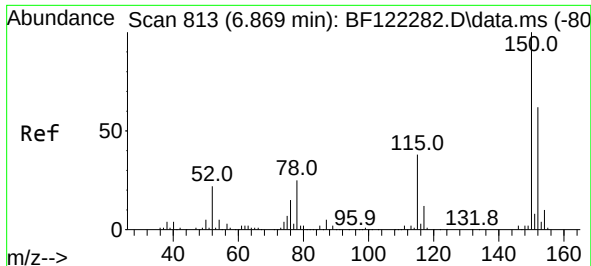
Quant Time: Nov 24 16:43:32 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	16.986	278	79219	3.28	ng	# 85
92) Benzo(g,h,i)perylene	17.421	276	300202	12.77	ng	98

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

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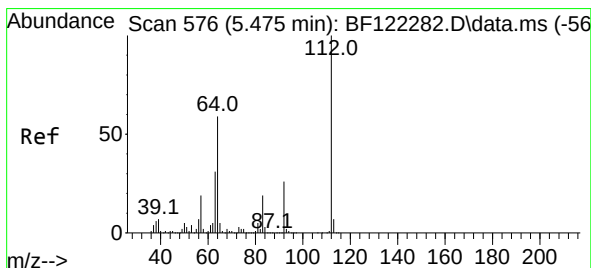
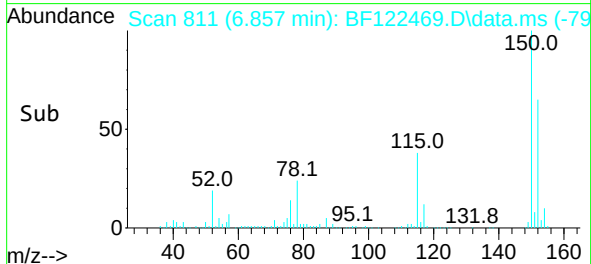
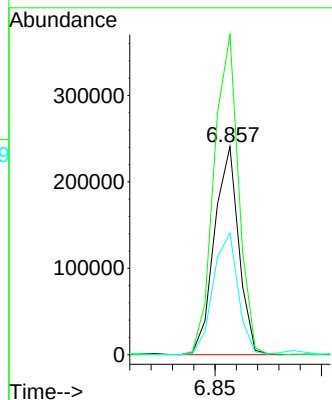
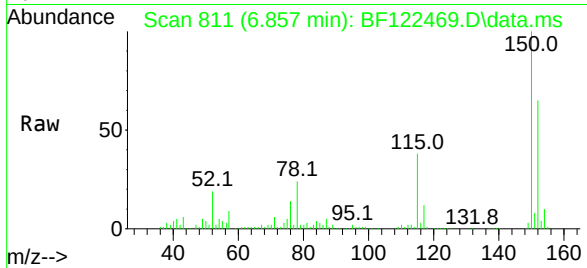




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

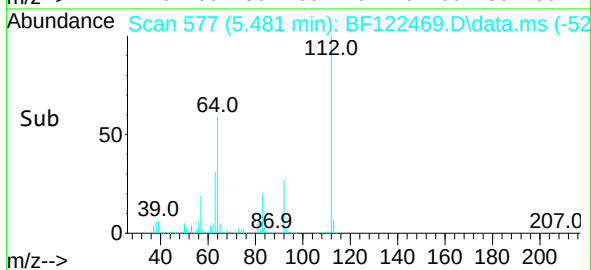
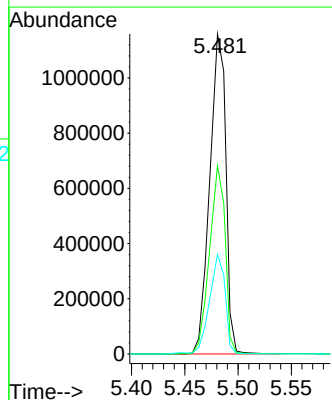
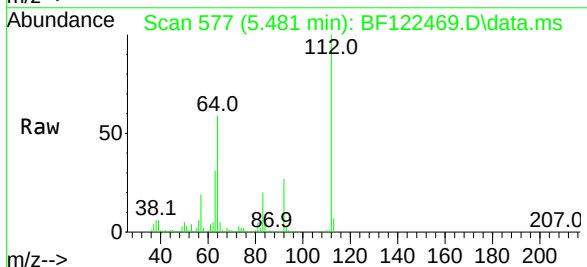
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

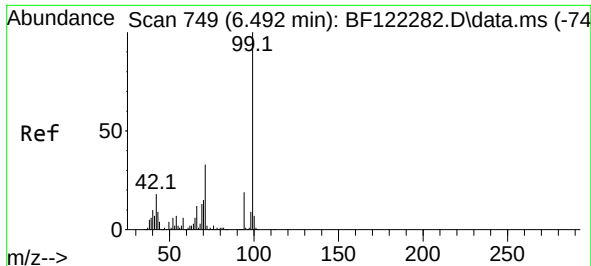
Tgt Ion:152 Resp: 191107
Ion Ratio Lower Upper
152 100
150 153.7 125.3 187.9
115 58.5 51.9 77.9



#5
2-Fluorophenol
Concen: 98.36 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:112 Resp: 1224128
Ion Ratio Lower Upper
112 100
64 58.8 50.4 75.6
63 31.1 25.8 38.6

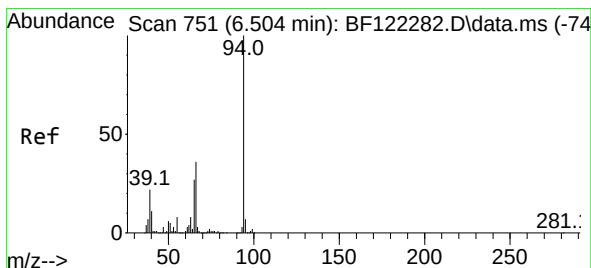
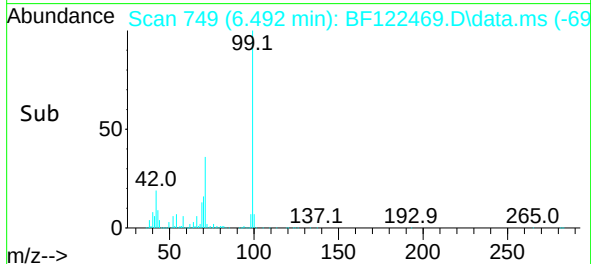
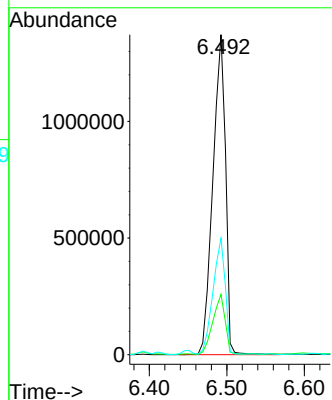
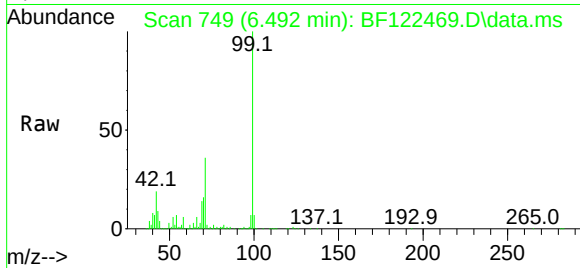




#7
Phenol-d6
Concen: 95.69 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

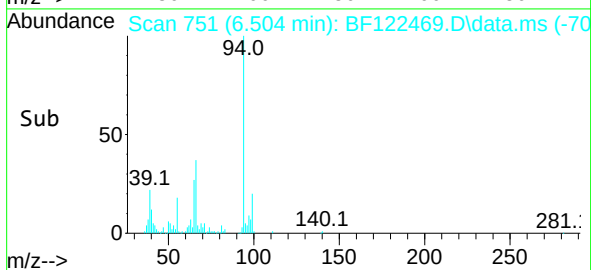
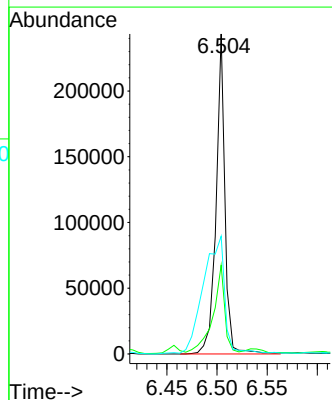
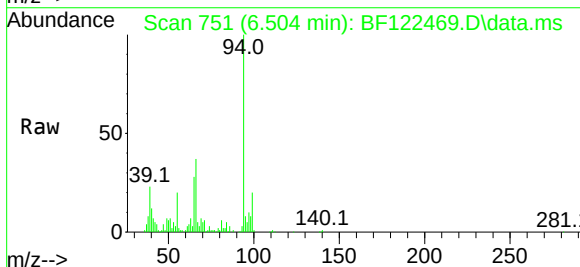
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

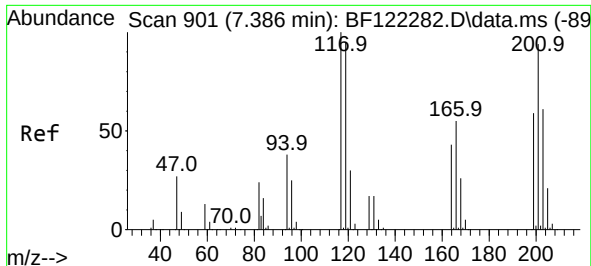
Tgt Ion: 99 Resp: 1558001
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 36.4 27.1 40.7



#10
Phenol
Concen: 9.41 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion: 94 Resp: 150858
Ion Ratio Lower Upper
94 100
65 27.7 17.1 57.1
66 36.8 36.0 76.0

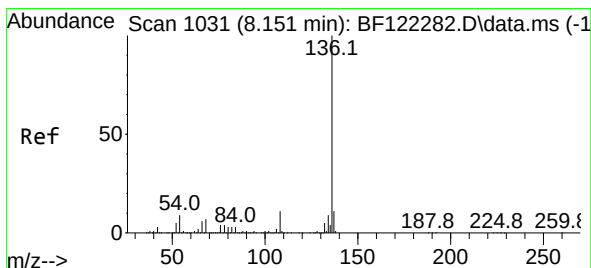
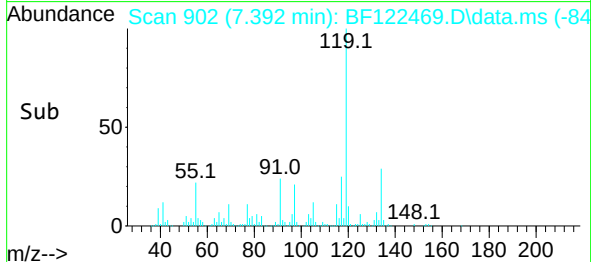
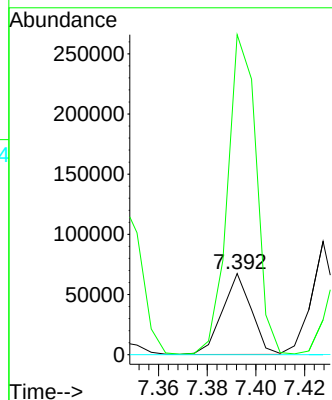
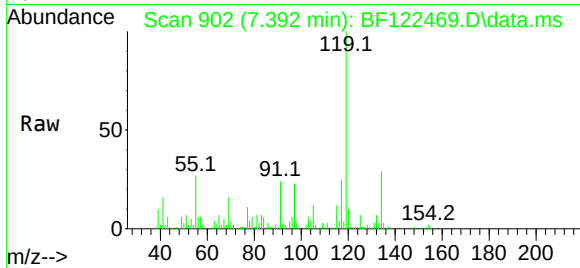




#18
Hexachloroethane
Concen: 10.80 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.017 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

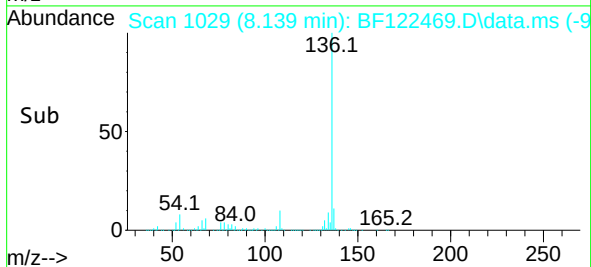
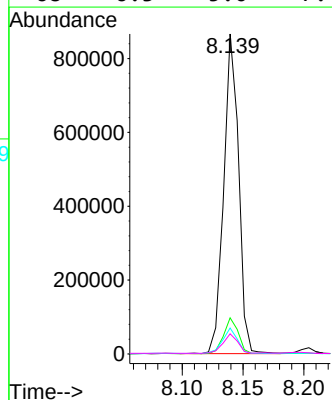
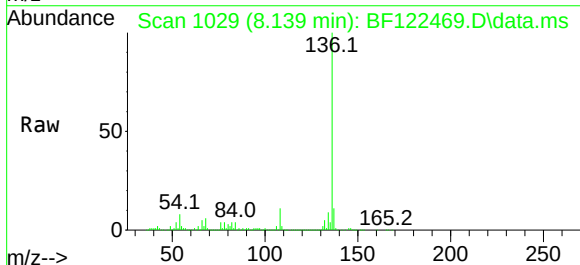
Instrument :
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ClientSampleId :
PHC-340EM-013

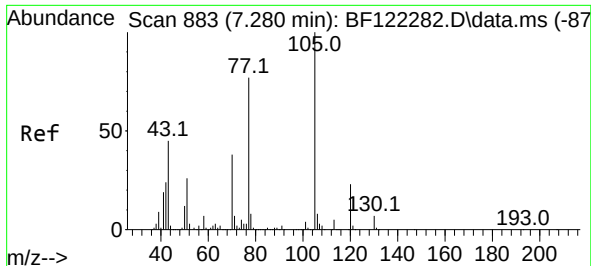
Tgt Ion:117 Resp: 55348
Ion Ratio Lower Upper
117 100
119 394.8 76.3 114.5#
201 0.0 71.8 107.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

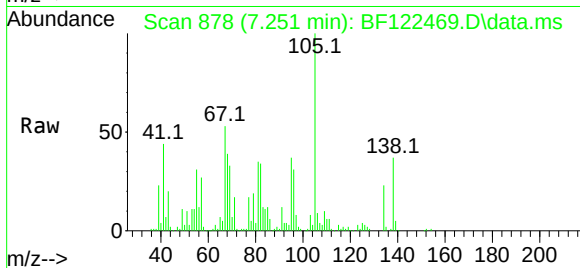
Tgt Ion:136 Resp: 737086
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.1 7.1 10.7
68 6.3 5.0 7.4



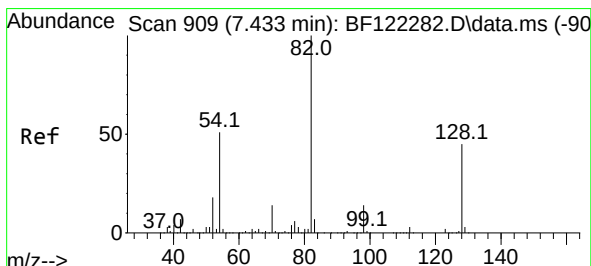
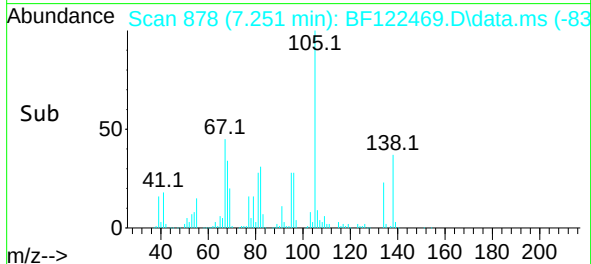
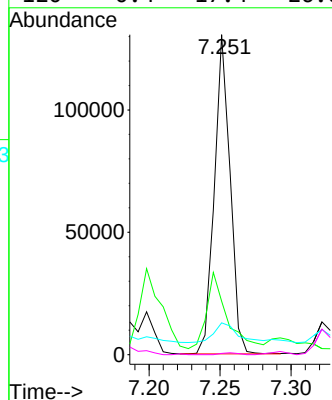


#22
Acetophenone
Concen: 5.21 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.024 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

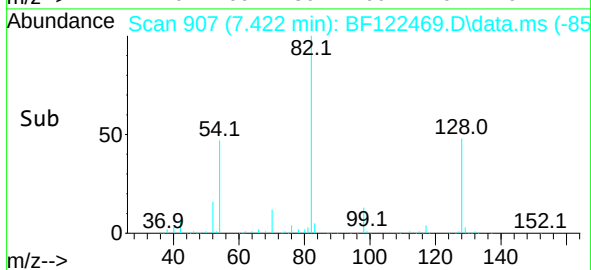
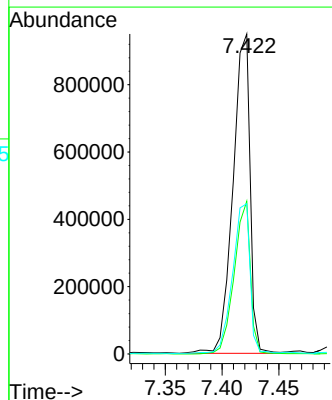
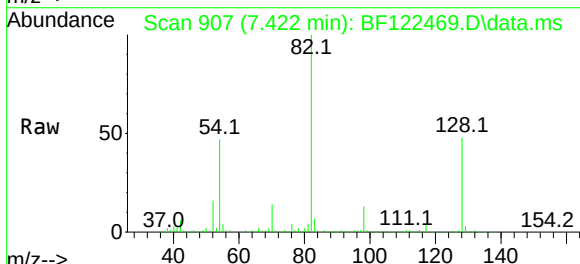


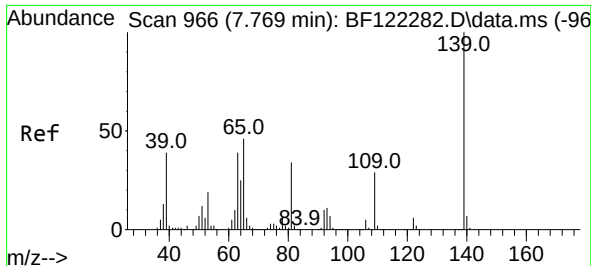
Tgt Ion:105 Resp: 100022
Ion Ratio Lower Upper
105 100
71 16.7 5.3 7.9#
51 9.9 33.2 49.8#
120 0.4 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 82.29 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion: 82 Resp: 990774
Ion Ratio Lower Upper
82 100
128 47.7 35.0 52.4
54 47.0 43.9 65.9

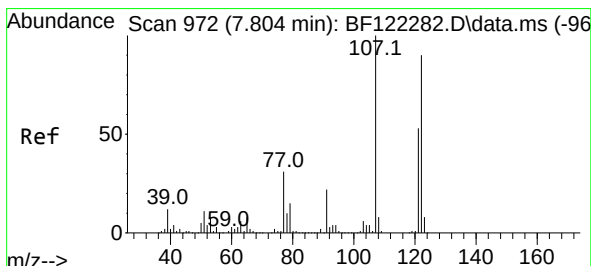
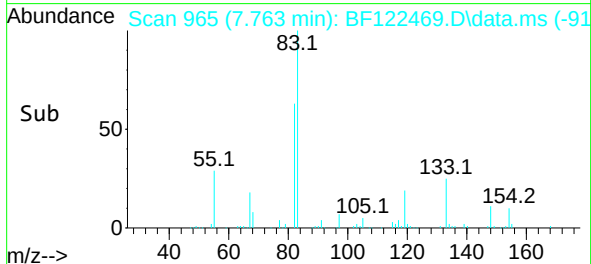
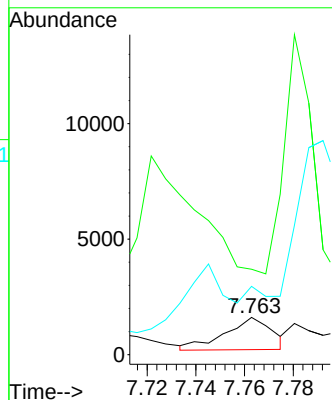
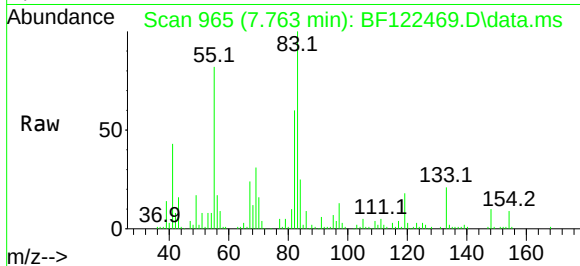




#26
2-Nitrophenol
Concen: 7.08 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

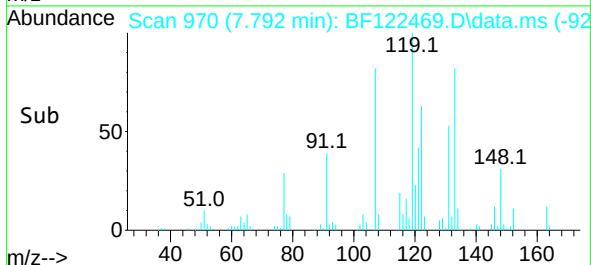
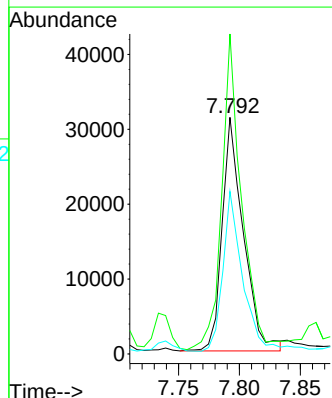
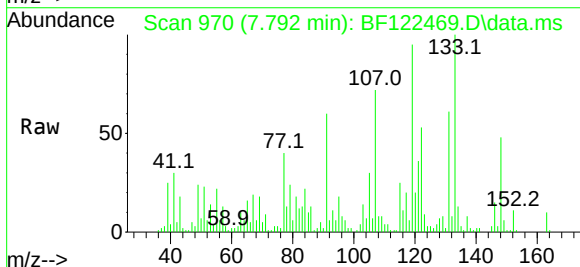
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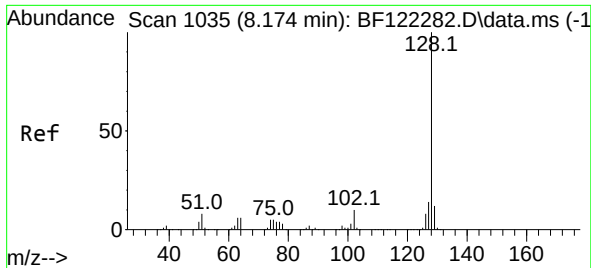
Tgt Ion:139 Resp: 1859
Ion Ratio Lower Upper
139 100
109 229.9 23.0 34.4#
65 183.7 39.9 59.9#



#27
2,4-Dimethylphenol
Concen: 3.00 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:122 Resp: 37969
Ion Ratio Lower Upper
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107 135.2 90.8 136.2
121 68.7 47.5 71.3

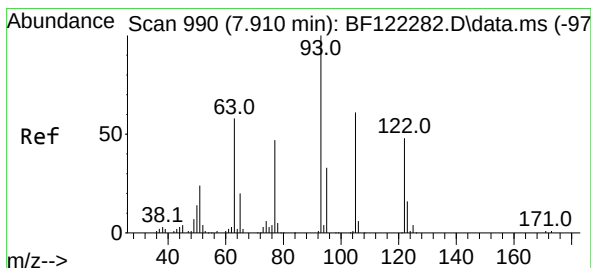
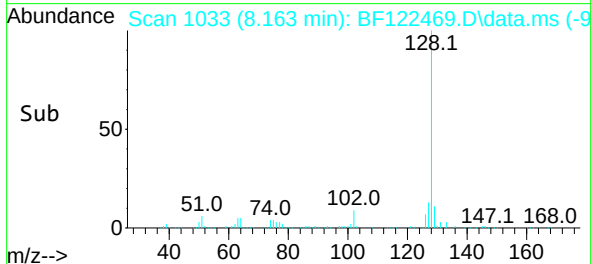
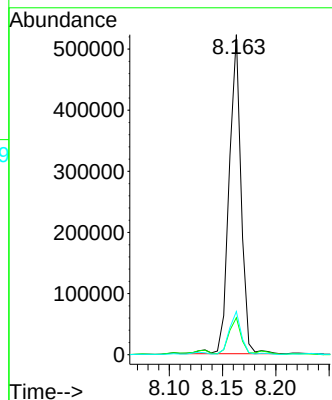
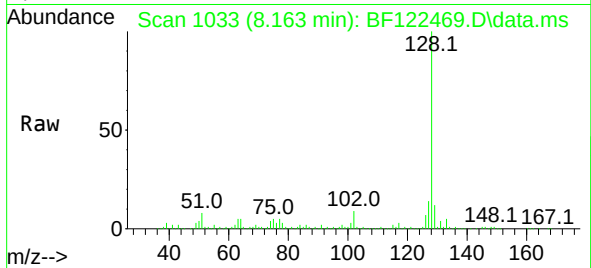




#31
Naphthalene
Concen: 10.32 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

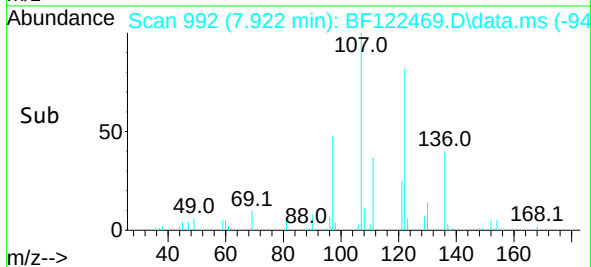
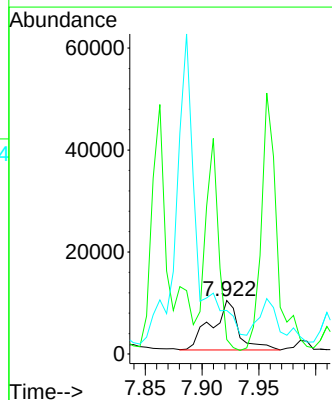
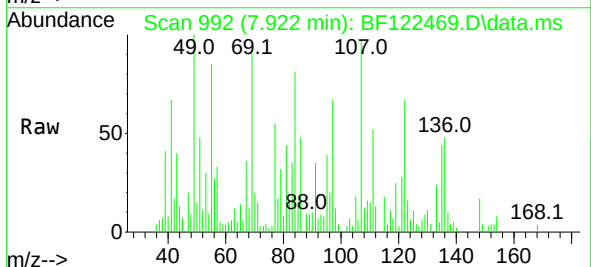
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

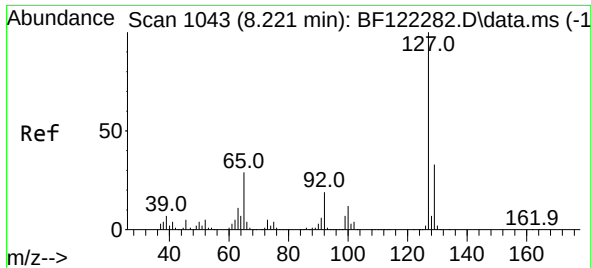
Tgt Ion:128 Resp: 404297
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 9.90 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:122 Resp: 16297
Ion Ratio Lower Upper
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105 26.9 103.3 143.3#
77 81.4 73.9 113.9

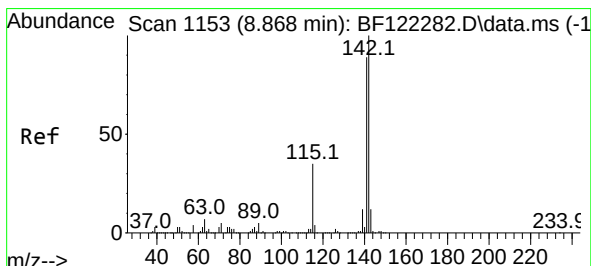
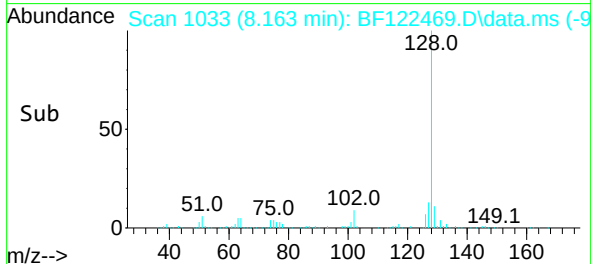
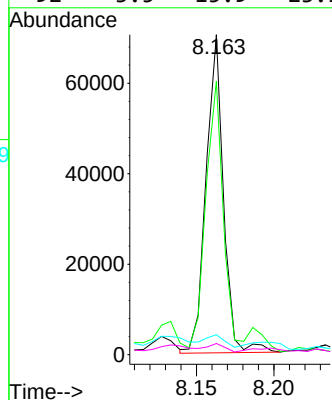
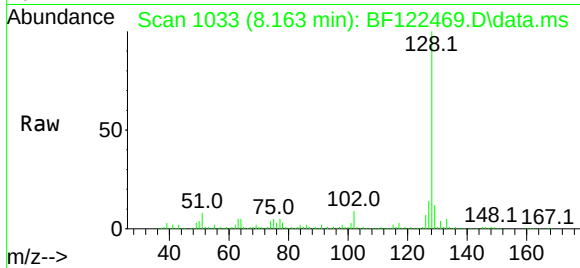




#33
4-Chloroaniline
Concen: 3.22 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.053 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

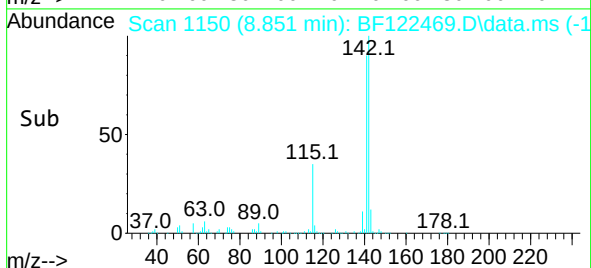
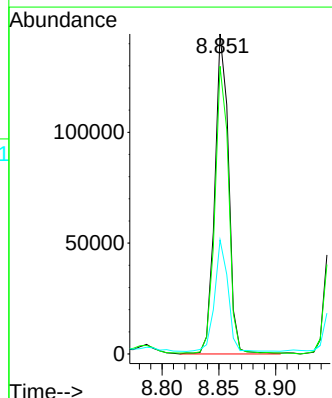
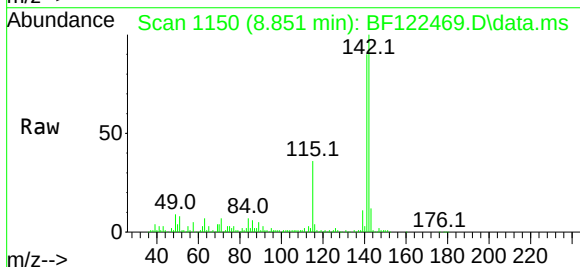
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

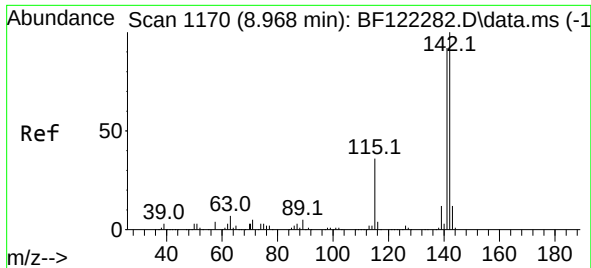
Tgt Ion:127	Resp:	55002
Ion Ratio	Lower	Upper
127	100	
129	85.5	26.3 39.5#
65	6.3	26.2 39.2#
92	3.5	15.9 23.9#



#37
2-Methylnaphthalene
Concen: 4.73 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:142	Resp:	122402
Ion Ratio	Lower	Upper
142	100	
141	89.9	70.2 105.4
115	35.6	28.6 43.0

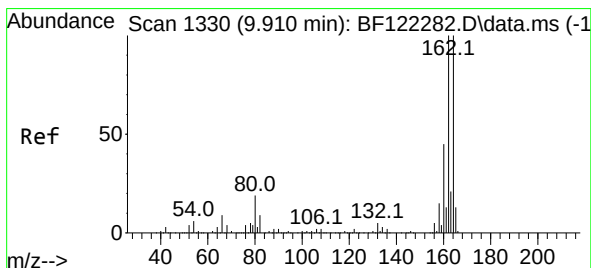
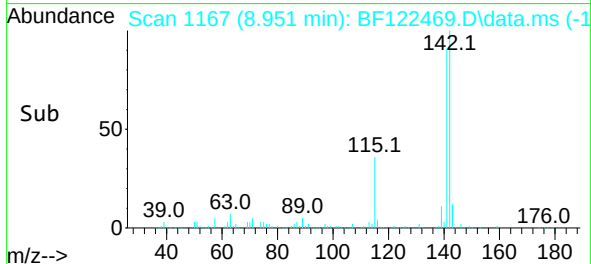
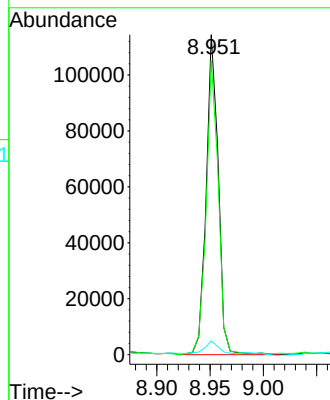
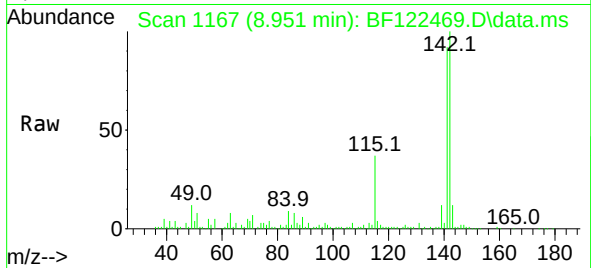




#38
1-Methylnaphthalene
Concen: 3.73 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

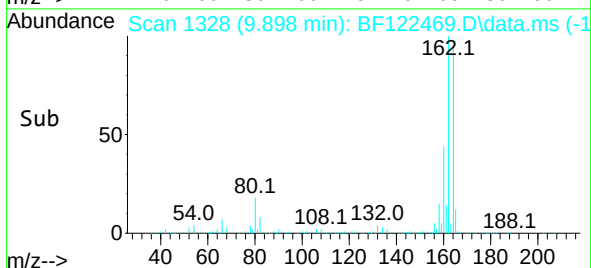
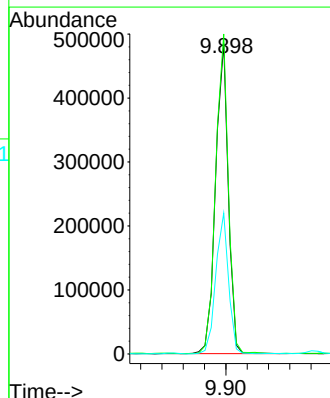
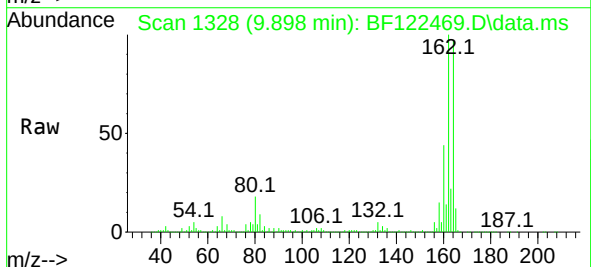
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

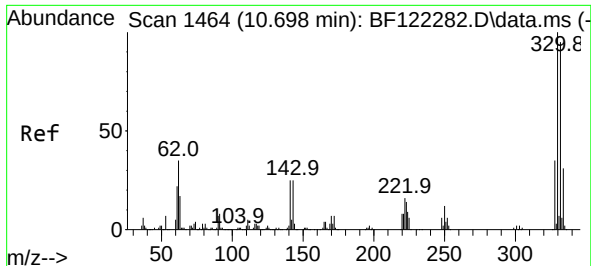
Tgt Ion:142 Resp: 90492
Ion Ratio Lower Upper
142 100
141 91.8 74.5 111.7
116 4.3 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:164 Resp: 400500
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 45.4 37.5 56.3

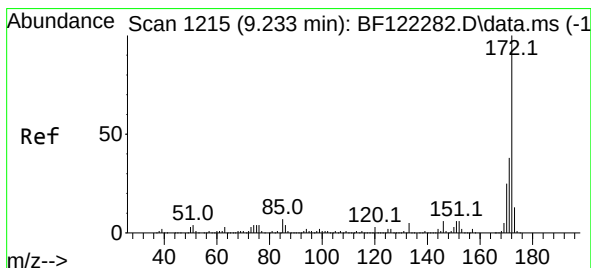
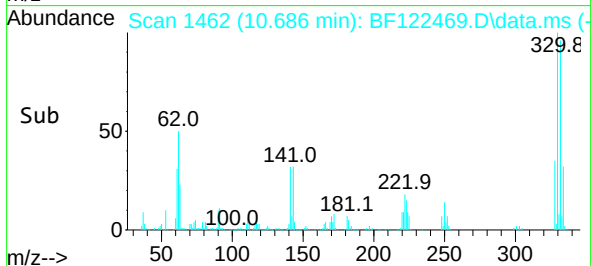
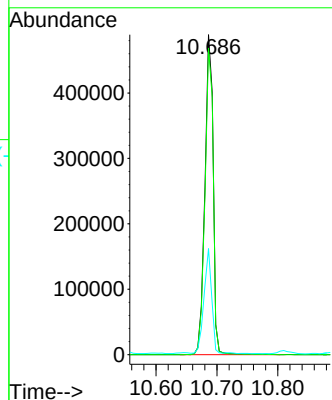
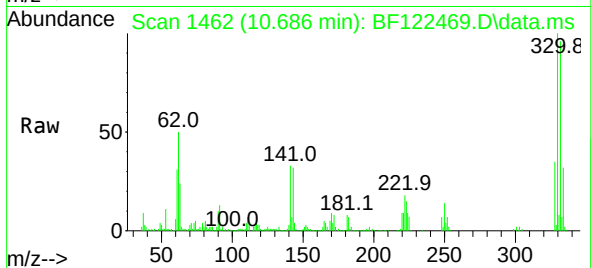




#42
2,4,6-Tribromophenol
Concen: 106.58 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

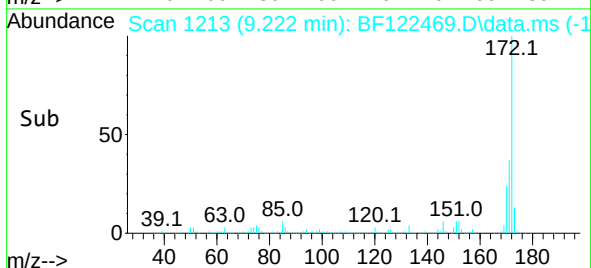
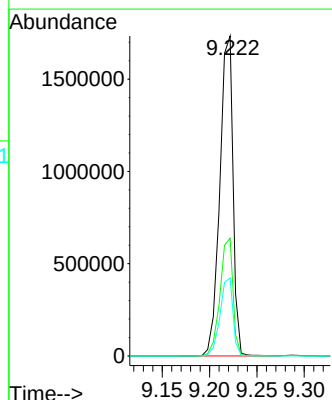
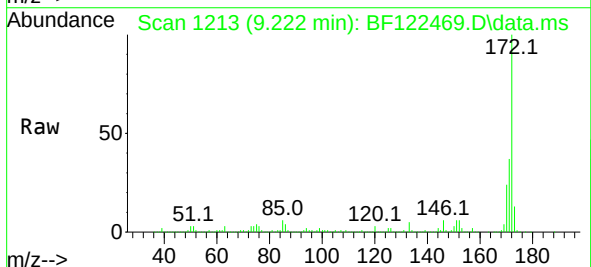
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

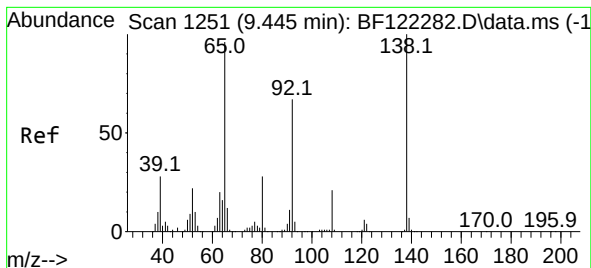
Tgt Ion: 330 Resp: 458122
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 65.79 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion: 172 Resp: 1686319
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 24.4 19.8 29.6





#48

2-Nitroaniline

Concen: 5.23 ng

RT: 9.457 min Scan# 1253

Delta R.T. 0.012 min

Lab File: BF122469.D

Acq: 24 Nov 2020 15:58

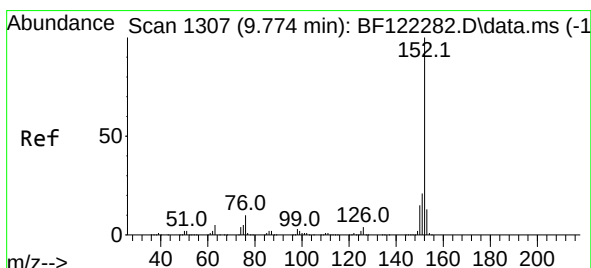
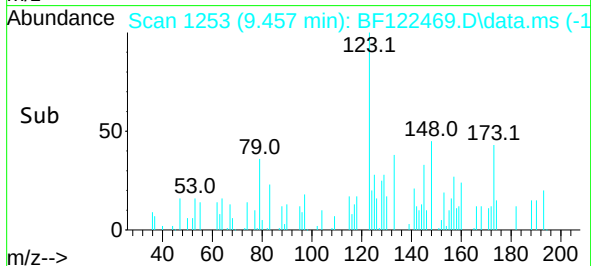
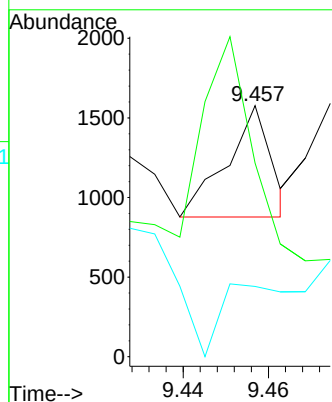
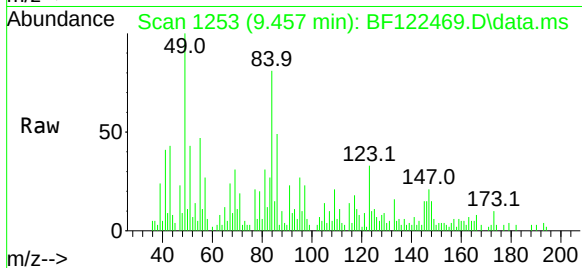
Tgt Ion:	65	Resp:	506
Ion	Ratio	Lower	Upper
65	100		
92	77.1	55.1	82.7
138	28.0	80.5	120.7#

Instrument :

BNA_F

ClientSampleId :

PHC-340EM-013



#49

Acenaphthylene

Concen: 6.08 ng

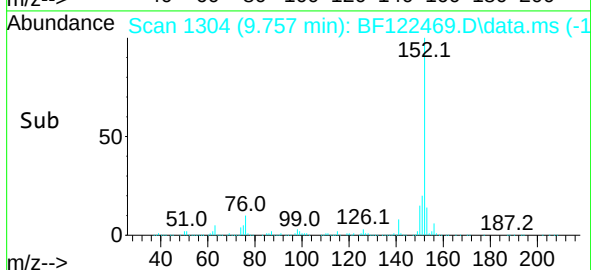
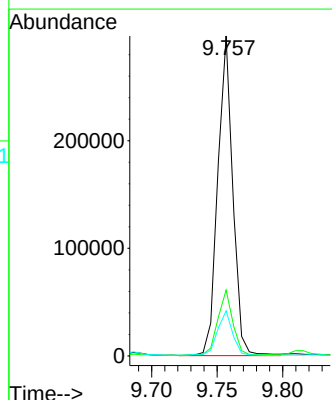
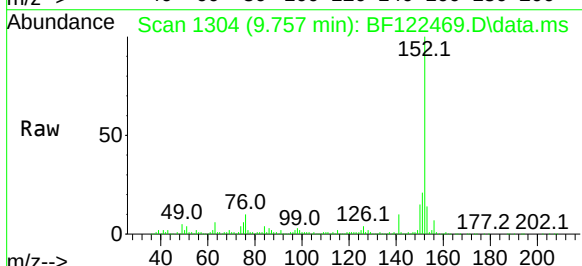
RT: 9.757 min Scan# 1304

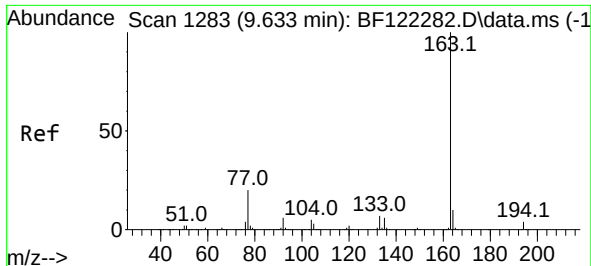
Delta R.T. -0.006 min

Lab File: BF122469.D

Acq: 24 Nov 2020 15:58

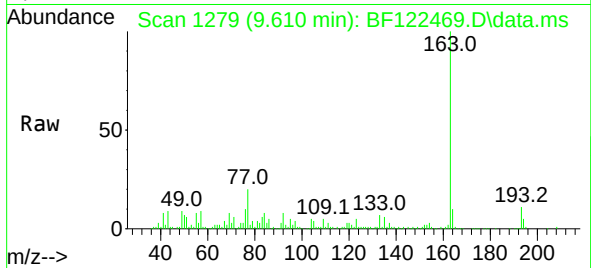
Tgt Ion:	152	Resp:	236581
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6
153	14.1	10.6	15.8



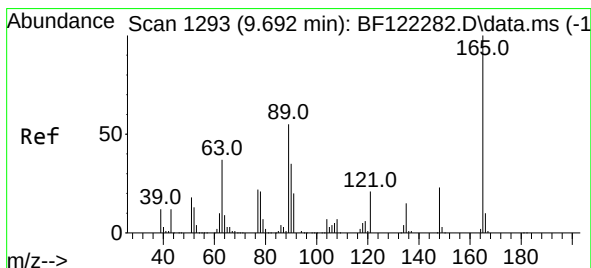
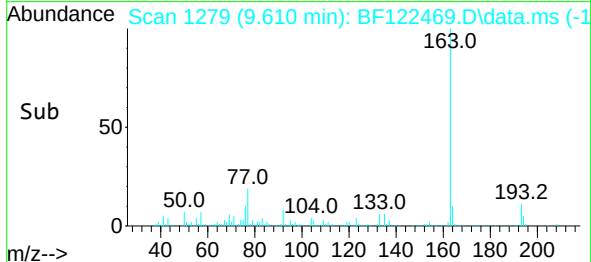
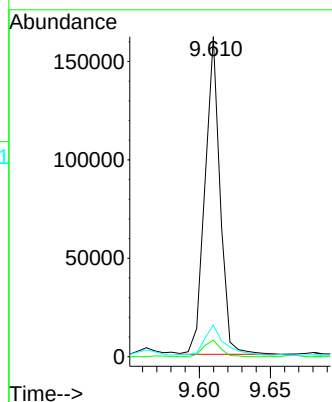


#50
Dimethylphthalate
Concen: 4.20 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

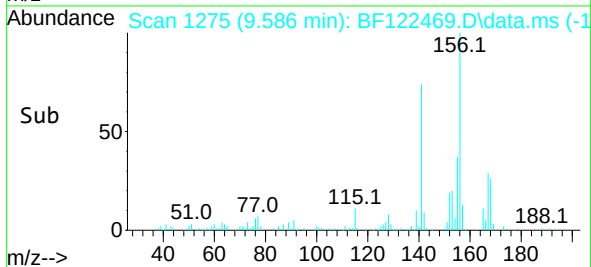
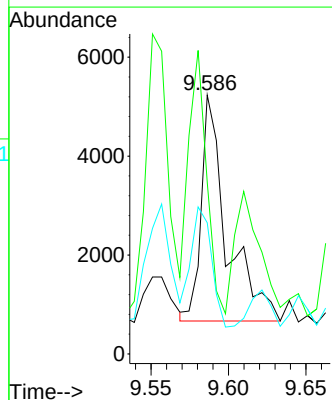
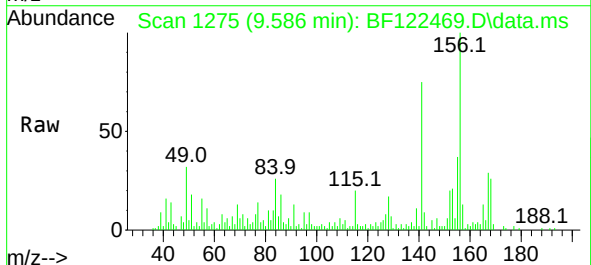


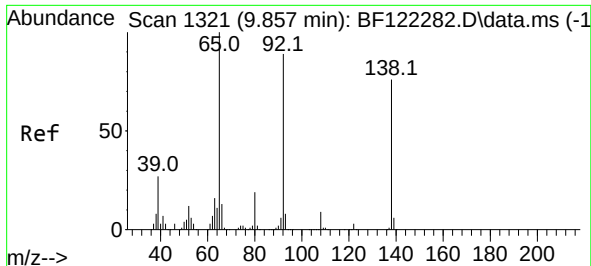
Tgt Ion:163 Resp: 119537
Ion Ratio Lower Upper
163 100
194 5.2 3.3 4.9#
164 9.9 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.57 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.100 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:165 Resp: 5231
Ion Ratio Lower Upper
165 100
63 66.3 51.8 77.6
89 50.7 49.0 73.6

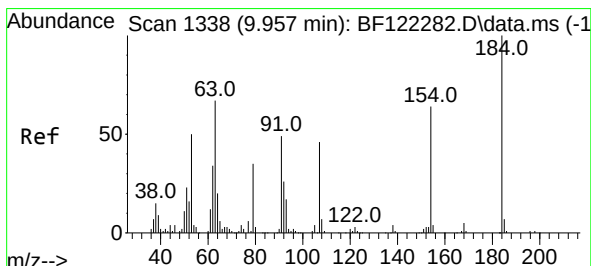
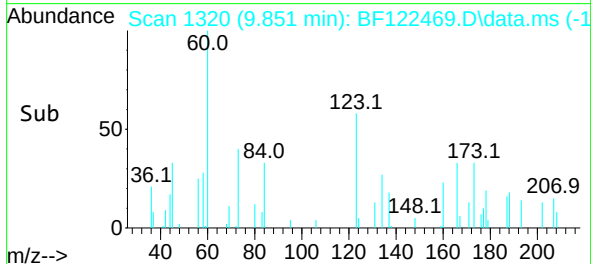
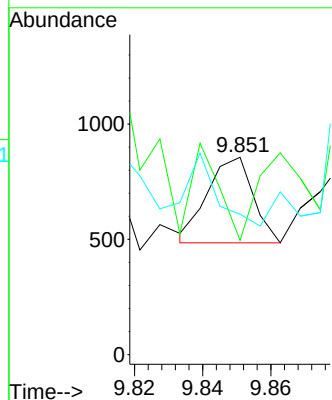
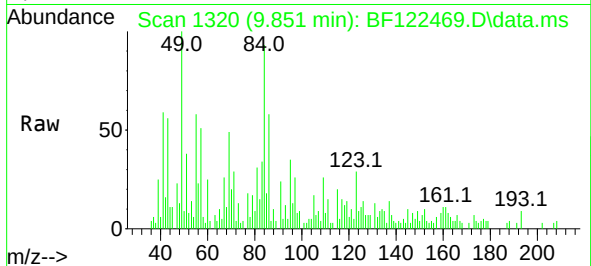




#53
3-Nitroaniline
Concen: 3.60 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

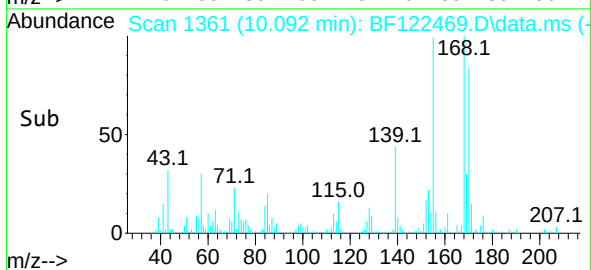
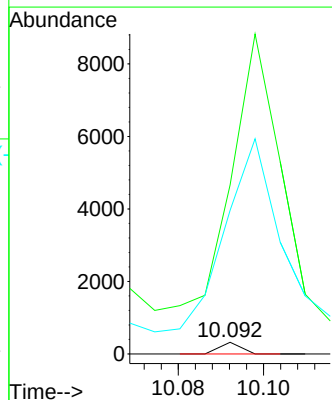
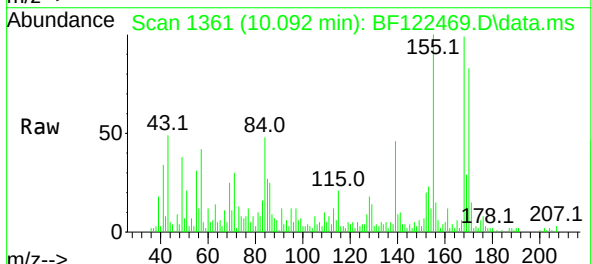
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

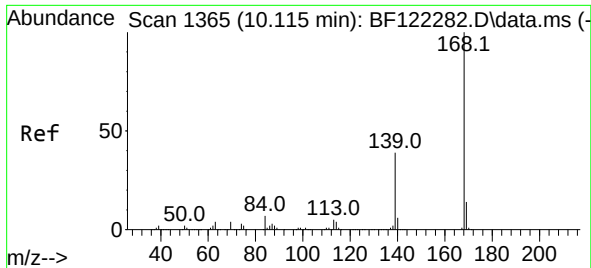
Tgt Ion:138 Resp: 342
Ion Ratio Lower Upper
138 100
108 57.8 8.6 13.0#
92 71.1 96.6 144.8#



#54
2,4-Dinitrophenol
Concen: 6.39 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.135 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:184 Resp: 113
Ion Ratio Lower Upper
184 100
63 1458.1 45.9 68.9#
154 1238.4 45.8 68.6#

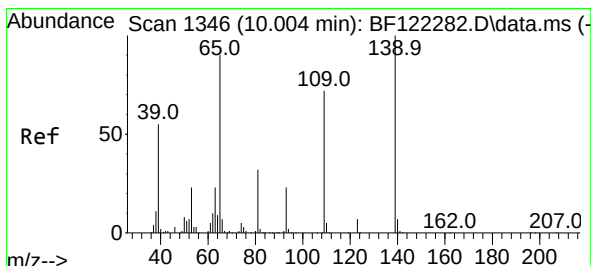
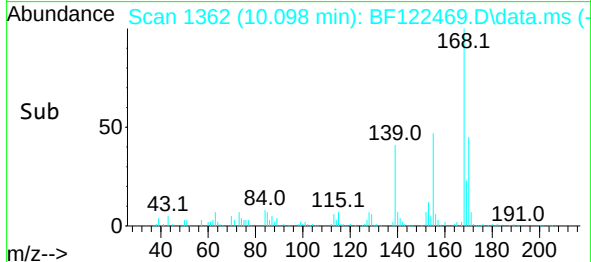
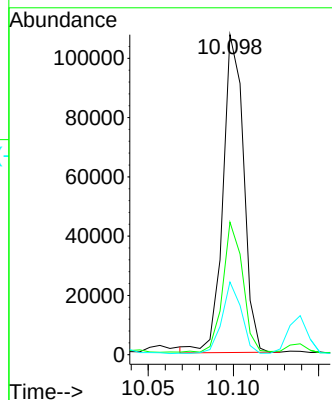
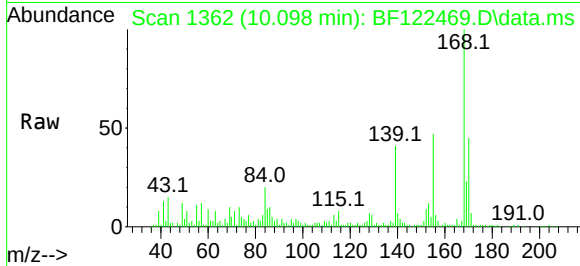




#55
Dibenzenofuran
Concen: 2.56 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

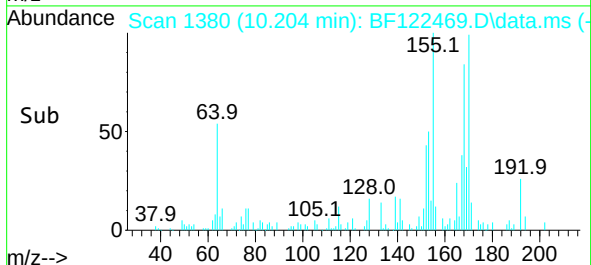
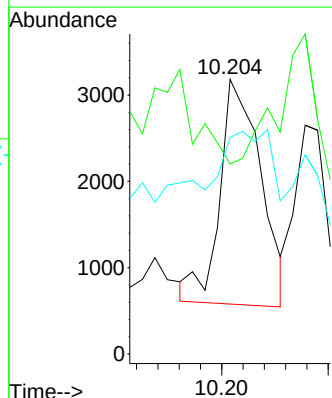
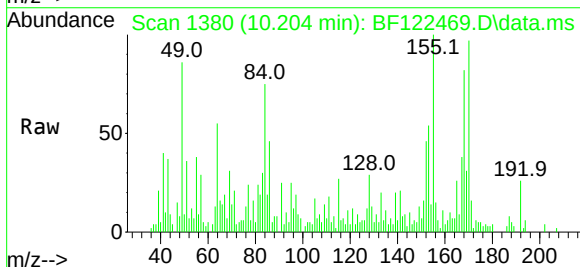
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

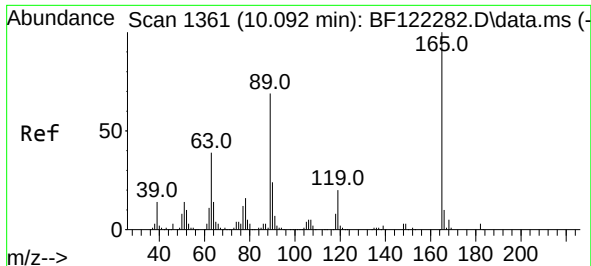
Tgt Ion:168 Resp: 90452
Ion Ratio Lower Upper
168 100
139 41.4 31.0 46.6
169 22.7 11.3 16.9#



#56
4-Nitrophenol
Concen: 5.93 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.188 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:139 Resp: 3485
Ion Ratio Lower Upper
139 100
109 69.2 45.4 85.4
65 78.8 68.4 108.4

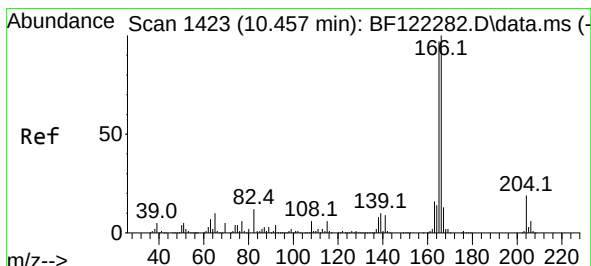
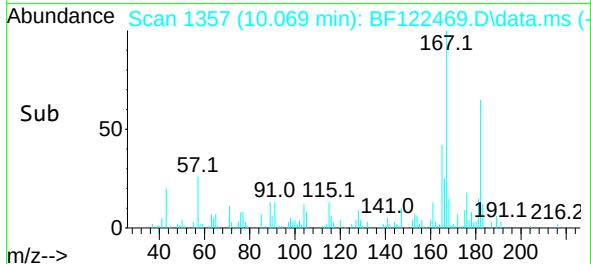
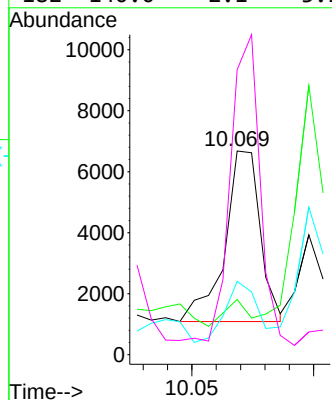
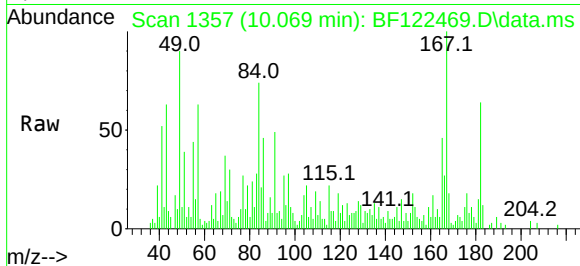




#57
2,4-Dinitrotoluene
Concen: 5.36 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.018 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

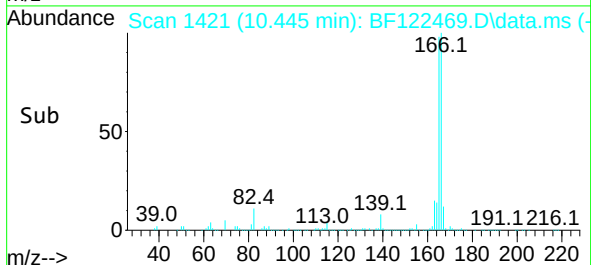
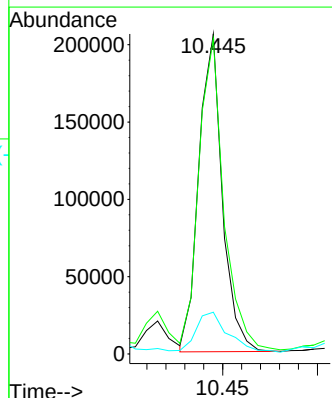
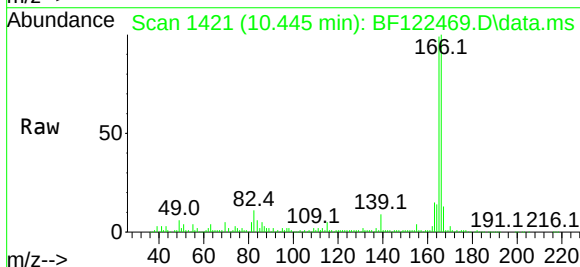
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

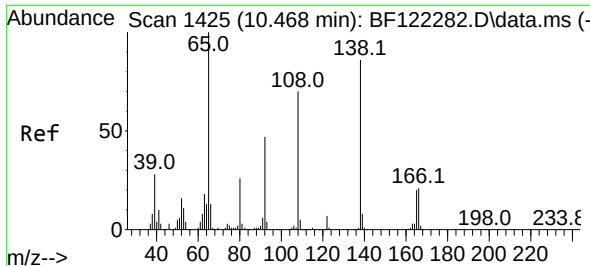
Tgt Ion:165 Resp: 5673
Ion Ratio Lower Upper
165 100
63 27.1 41.3 61.9#
89 36.0 61.8 92.8#
182 140.0 2.1 3.1#



#58
Fluorene
Concen: 6.56 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:166 Resp: 177197
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 13.0 11.0 16.6

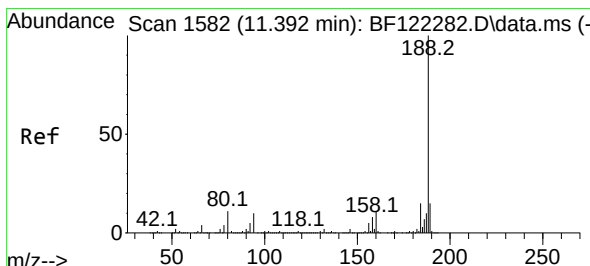
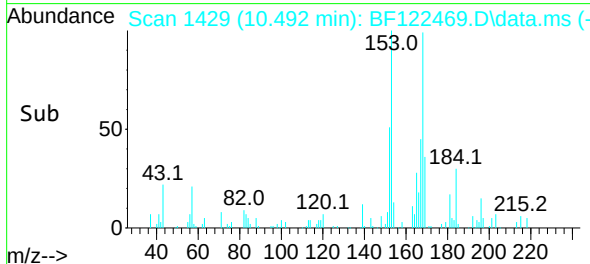
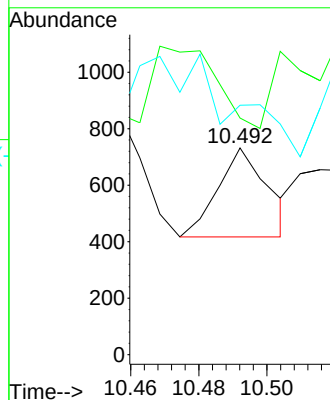
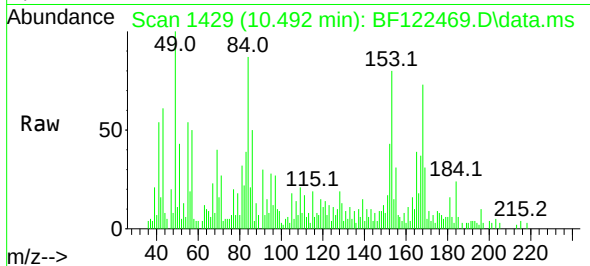




#62
4-Nitroaniline
Concen: 3.42 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.017 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

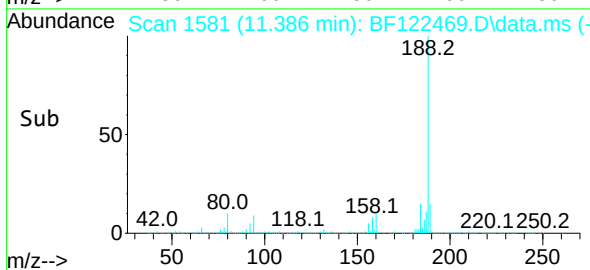
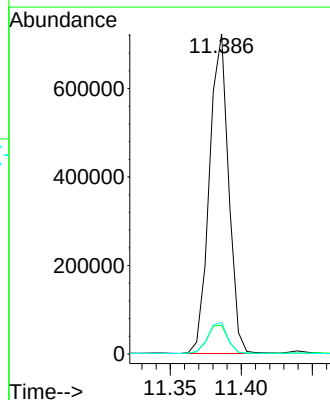
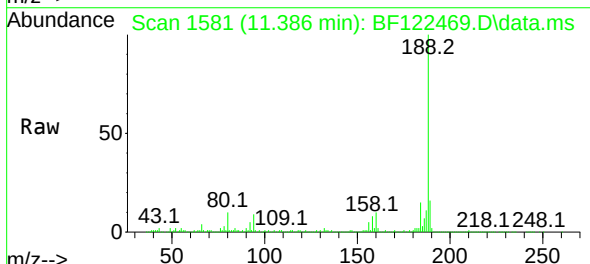
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

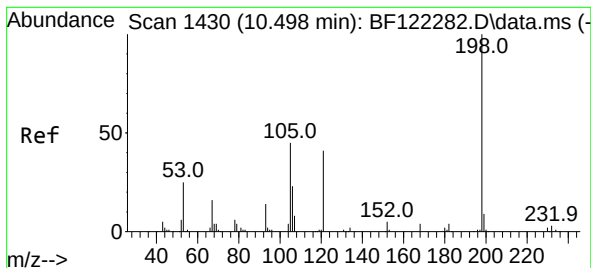
Tgt Ion:138 Resp: 319
Ion Ratio Lower Upper
138 100
92 114.5 31.0 71.0#
108 120.6 51.5 91.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:188 Resp: 679679
Ion Ratio Lower Upper
188 100
94 9.0 8.3 12.5
80 9.9 9.1 13.7

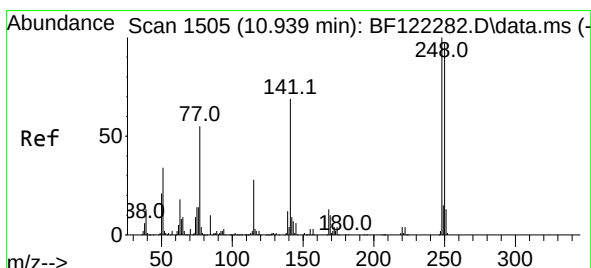
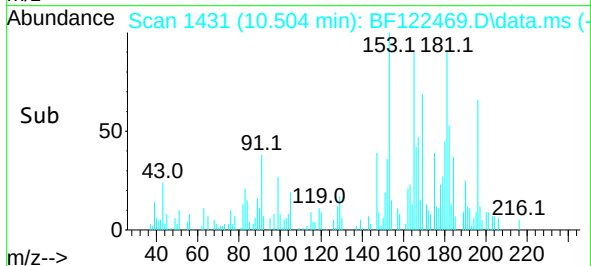
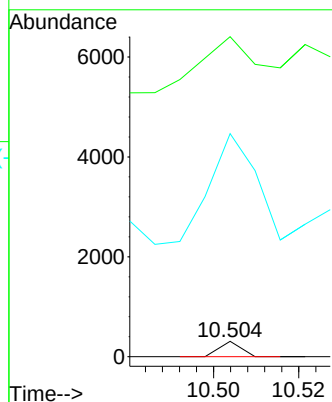
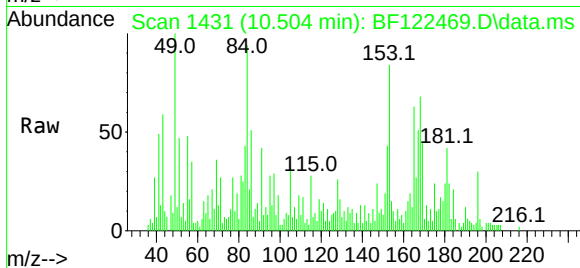




#65
4,6-Dinitro-2-methylphenol
Concen: 6.19 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

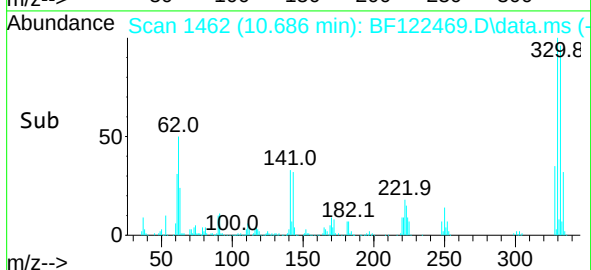
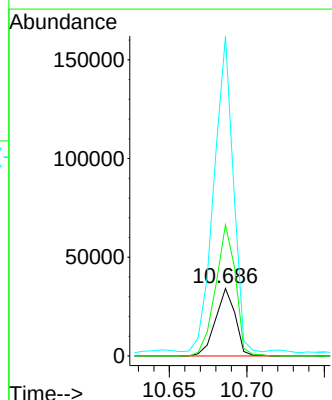
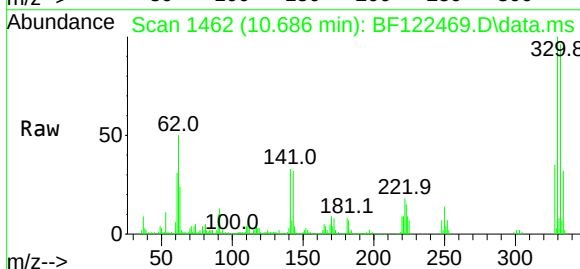
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

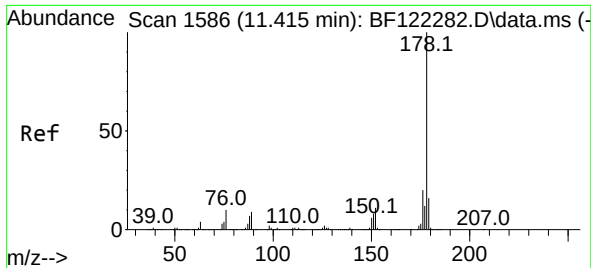
Tgt Ion:198 Resp: 108
Ion Ratio Lower Upper
198 100
51 2087.3 29.6 69.6#
105 1455.4 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.80 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:248 Resp: 30316
Ion Ratio Lower Upper
248 100
250 194.3 77.0 115.6#
141 473.8 53.7 80.5#

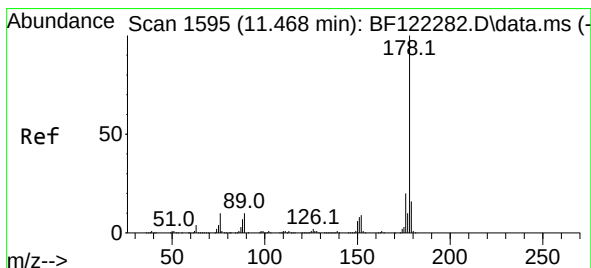
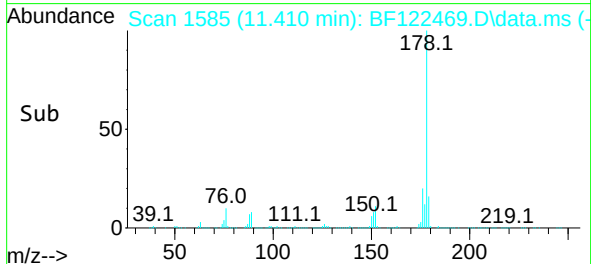
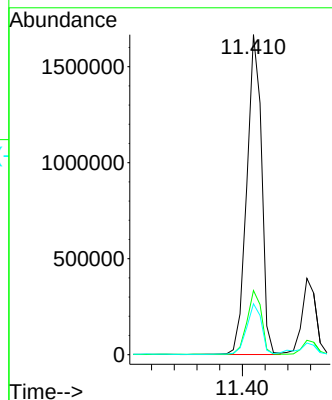
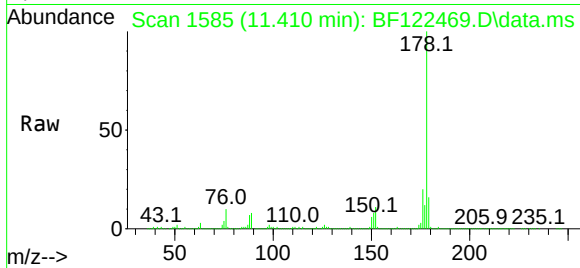




#71
Phenanthrene
Concen: 38.99 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

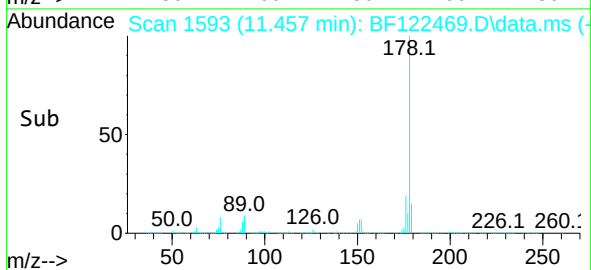
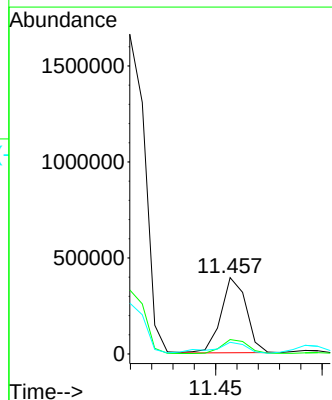
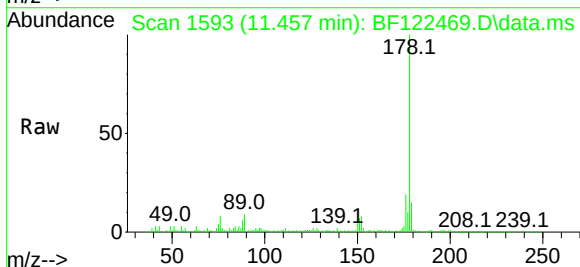
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

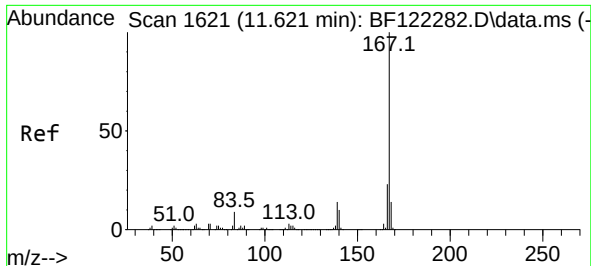
Tgt Ion:178 Resp: 1503644
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.9 12.2 18.4



#72
Anthracene
Concen: 8.13 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:178 Resp: 323146
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.4 12.7 19.1

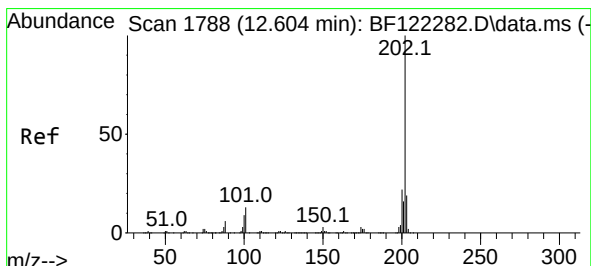
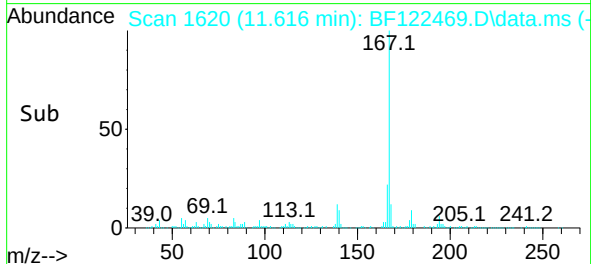
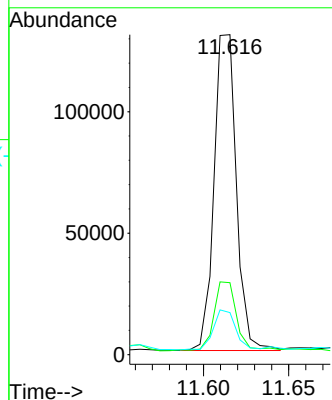
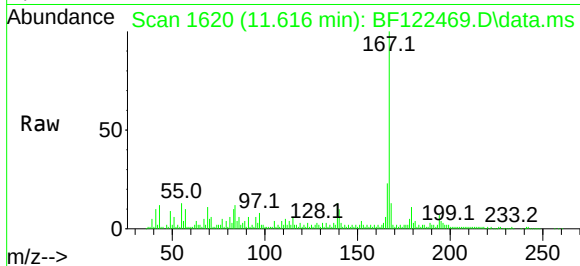




#73
 Carbazole
 Concen: 3.28 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF122469.D
 Acq: 24 Nov 2020 15:58

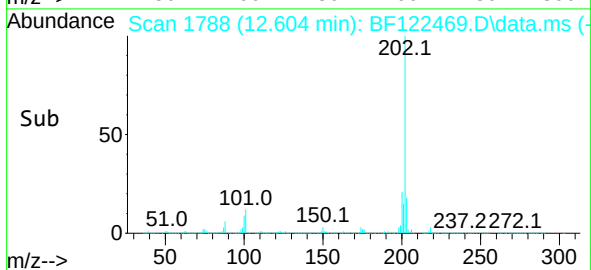
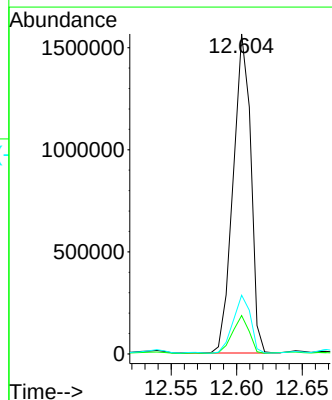
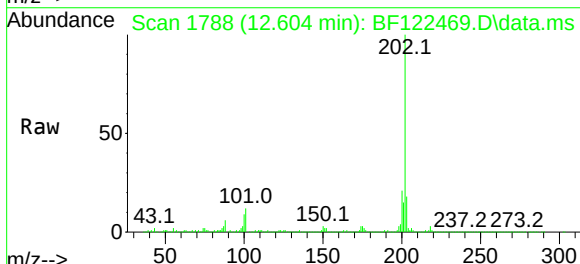
Instrument :
 BNA_F
 ClientSampleId :
 PHC-340EM-013

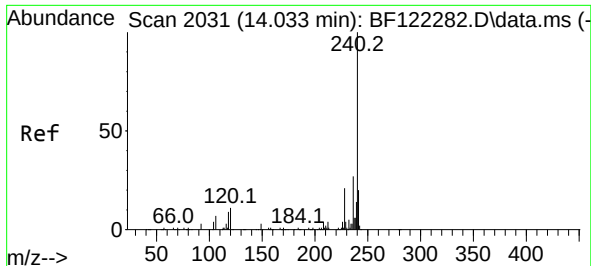
Tgt Ion:167 Resp: 118733
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 13.2 10.8 16.2



#75
 Fluoranthene
 Concen: 36.35 ng
 RT: 12.604 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: BF122469.D
 Acq: 24 Nov 2020 15:58

Tgt Ion:202 Resp: 1463540
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 33.4
 203 18.3 0.0 37.9

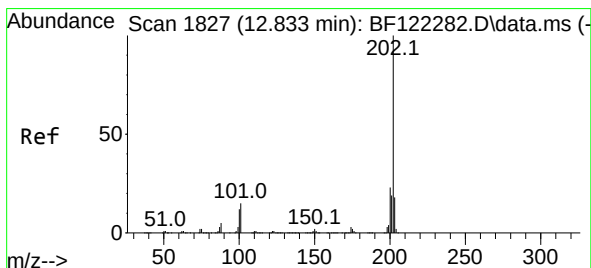
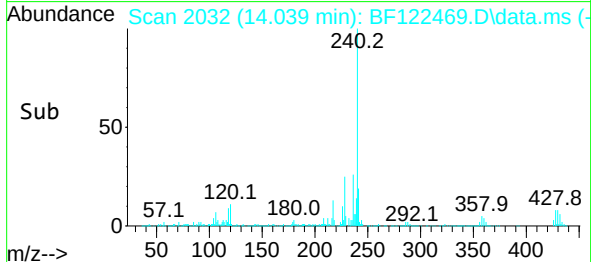
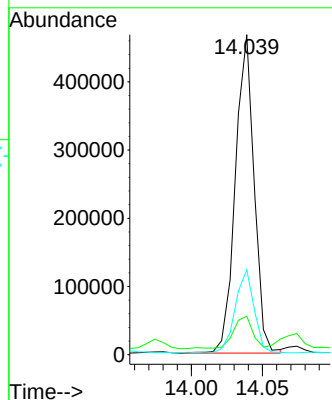
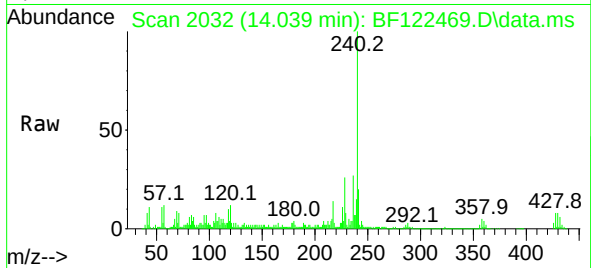




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

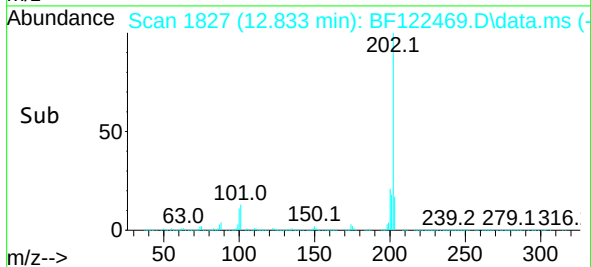
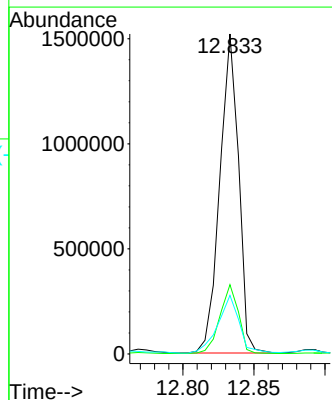
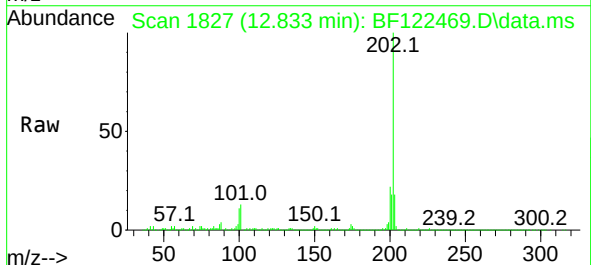
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

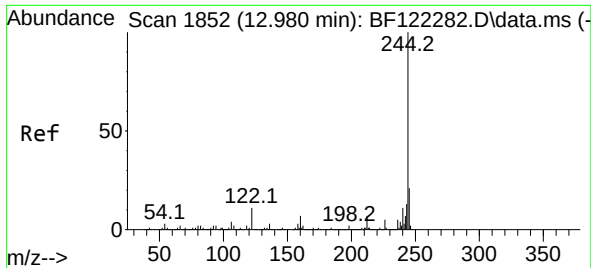
Tgt Ion:240 Resp: 429637
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.5 20.9 31.3



#78
Pyrene
Concen: 46.16 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:202 Resp: 1393376
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 18.3 14.6 21.8

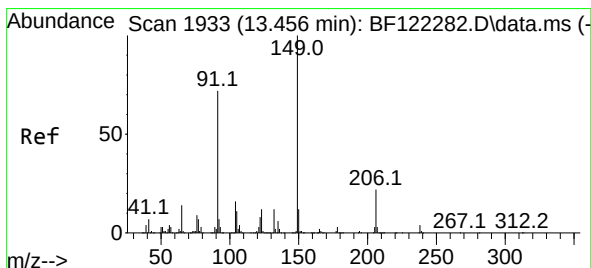
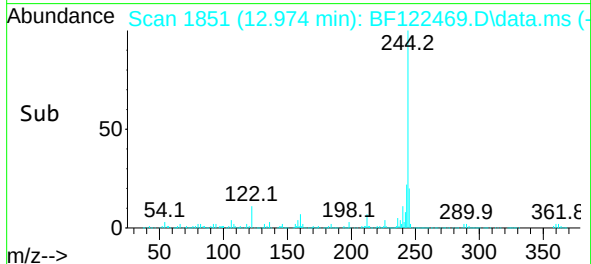
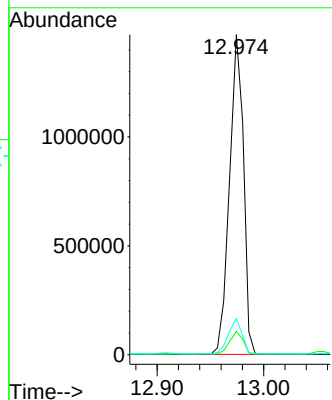
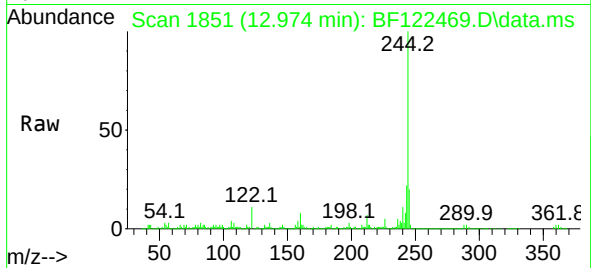




#79
Terphenyl-d14
Concen: 65.95 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

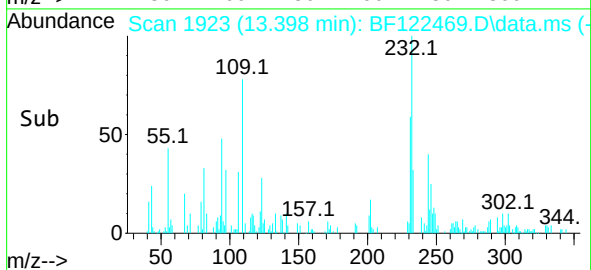
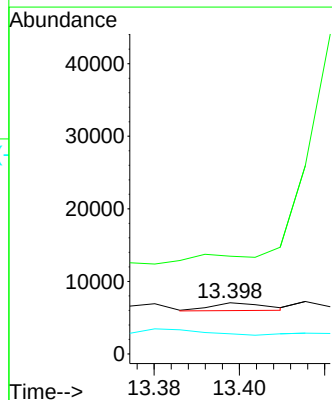
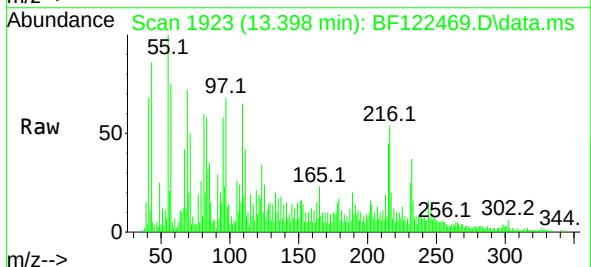
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

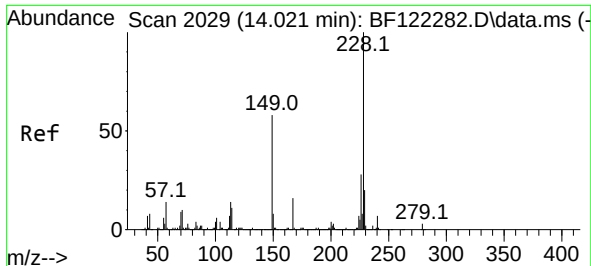
Tgt Ion:244 Resp: 1337573
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.2 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.36 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.053 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:149 Resp: 957
Ion Ratio Lower Upper
149 100
91 190.9 61.0 91.4#
206 39.4 16.7 25.1#

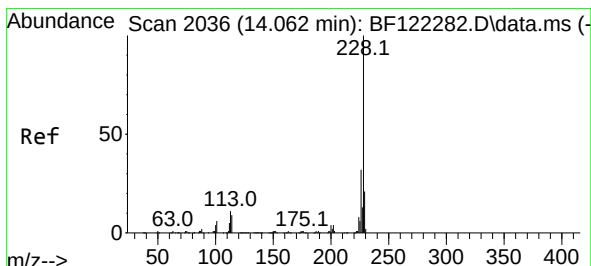
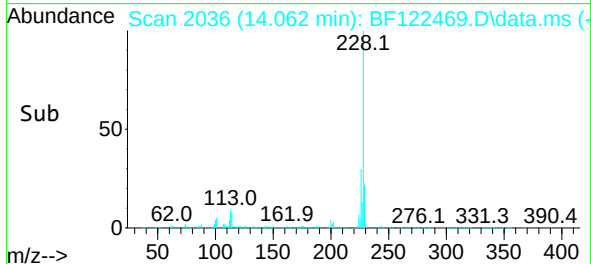
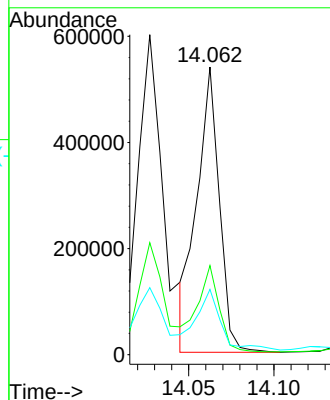
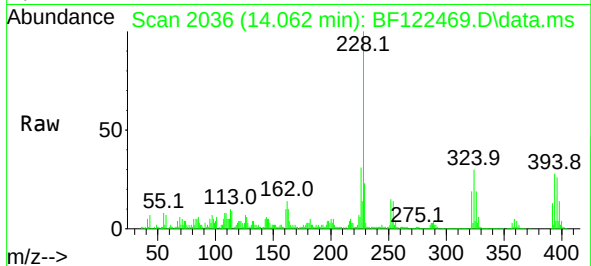




#81
Benzo(a)anthracene
Concen: 18.42 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.041 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

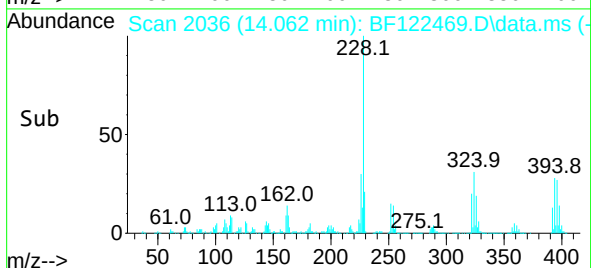
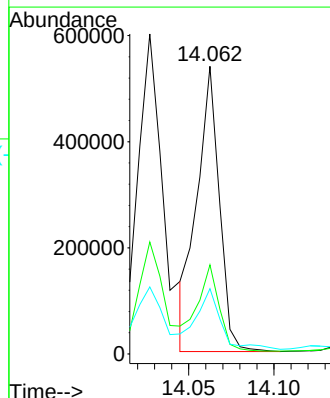
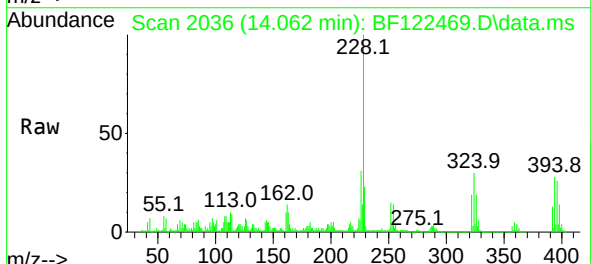
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

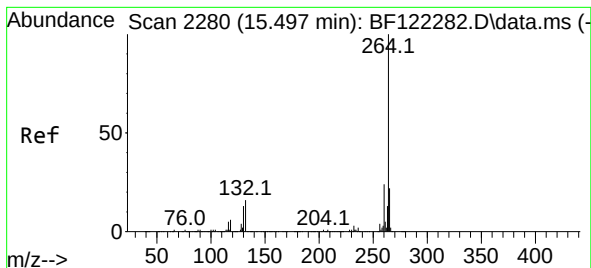
Tgt Ion:228 Resp: 492153
Ion Ratio Lower Upper
228 100
226 31.0 22.3 33.5
229 22.7 16.2 24.4



#83
Chrysene
Concen: 18.29 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:228 Resp: 492153
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 22.7 15.9 23.9

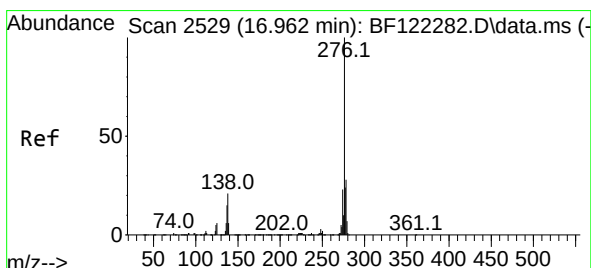
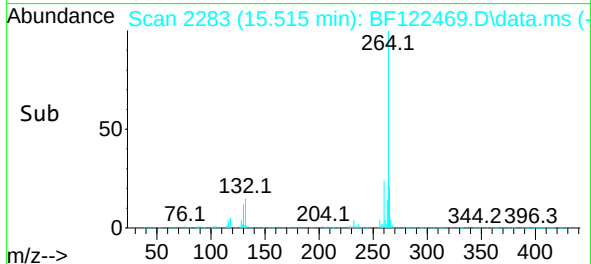
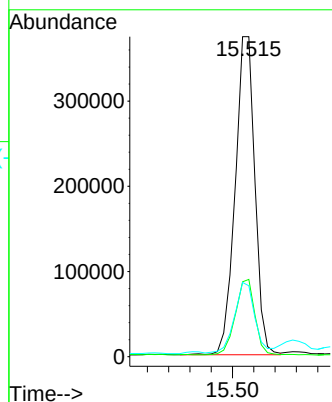
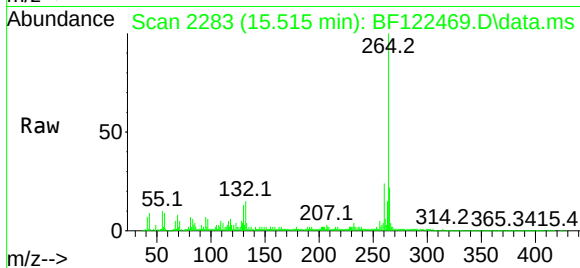




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

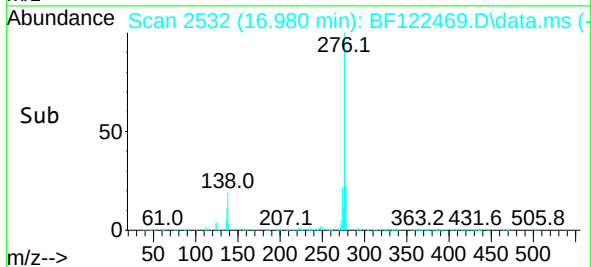
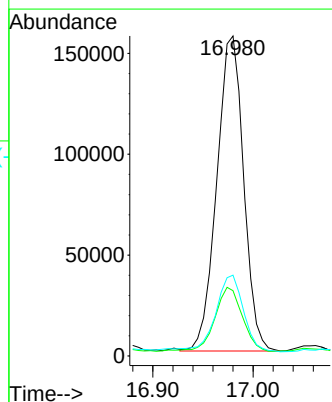
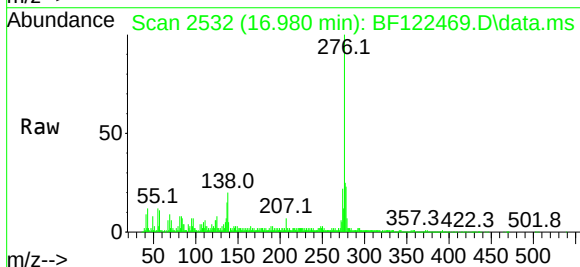
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

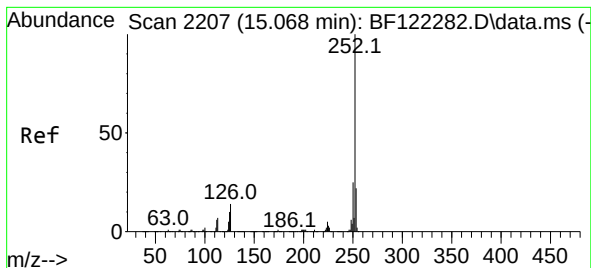
Tgt Ion:264 Resp: 481053
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 22.2 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 10.06 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:276 Resp: 290471
Ion Ratio Lower Upper
276 100
138 20.9 19.9 29.9
277 25.7 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 26.20 ng

RT: 15.086 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF122469.D

Acq: 24 Nov 2020 15:58

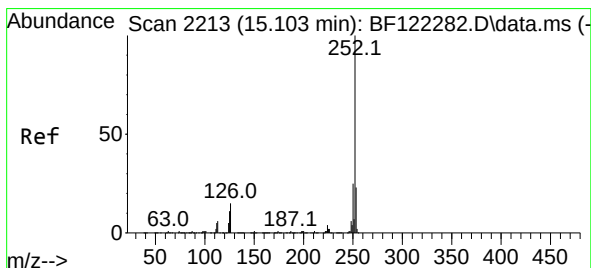
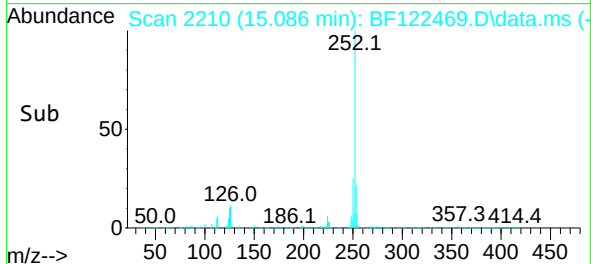
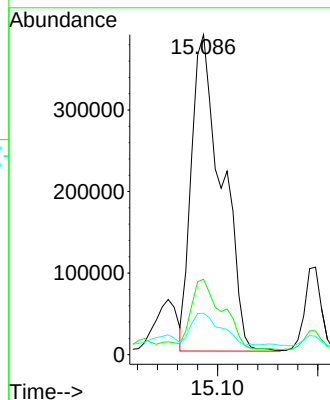
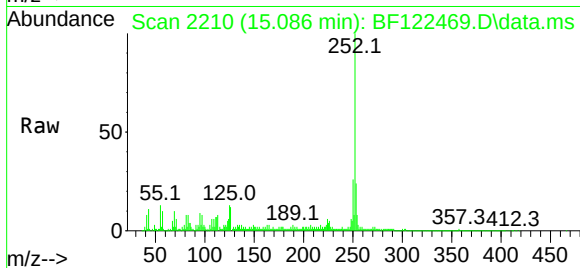
Instrument :

BNA_F

ClientSampleId :

PHC-340EM-013

Tgt Ion:252	Resp: 816261
Ion Ratio	Lower Upper
252	100
253	23.6 18.2 27.2
125	12.9 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 26.87 ng

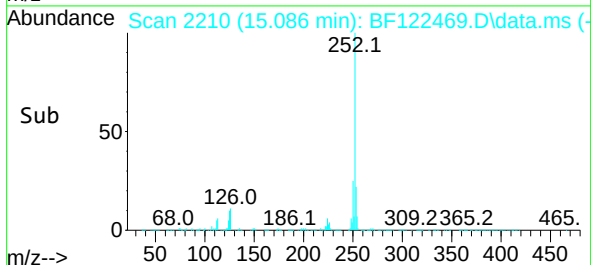
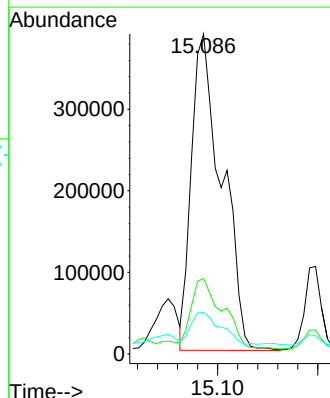
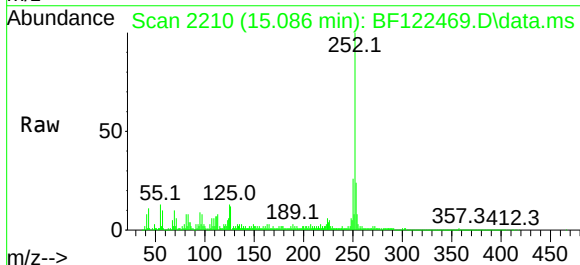
RT: 15.086 min Scan# 2210

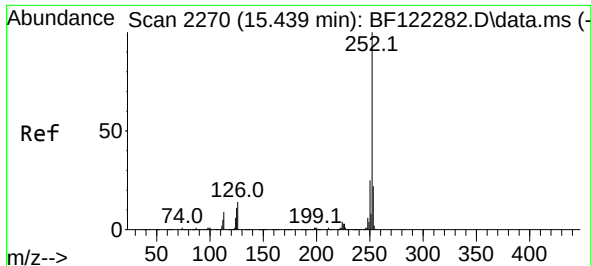
Delta R.T. -0.024 min

Lab File: BF122469.D

Acq: 24 Nov 2020 15:58

Tgt Ion:252	Resp: 816261
Ion Ratio	Lower Upper
252	100
253	23.6 17.8 26.6
125	12.9 7.7 11.5#

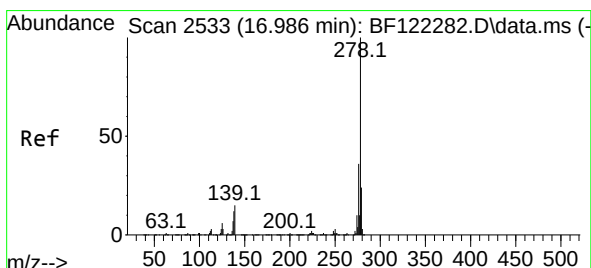
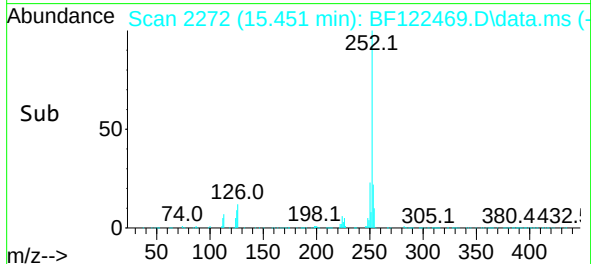
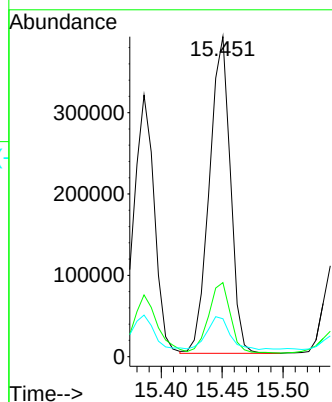
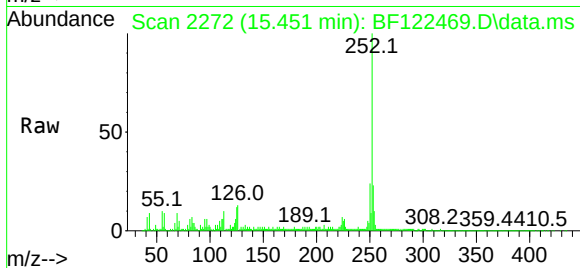




#90
Benzo(a)pyrene
Concen: 17.11 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

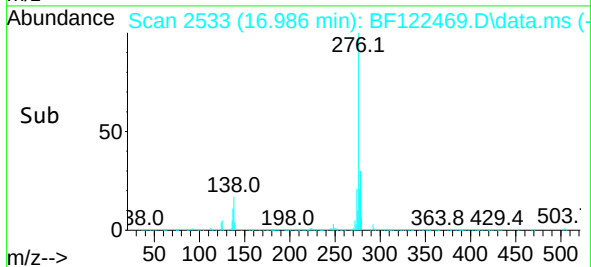
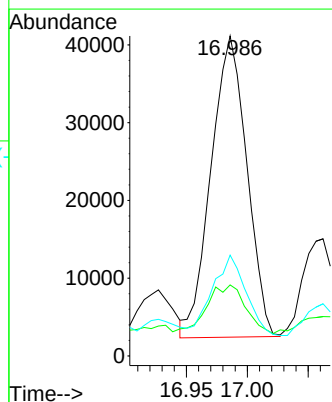
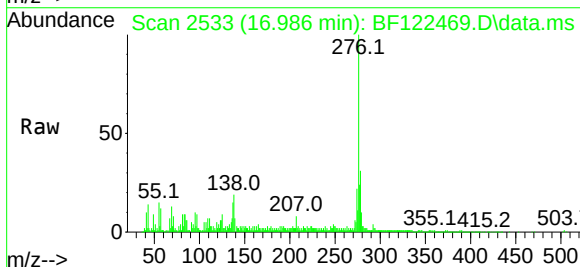
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

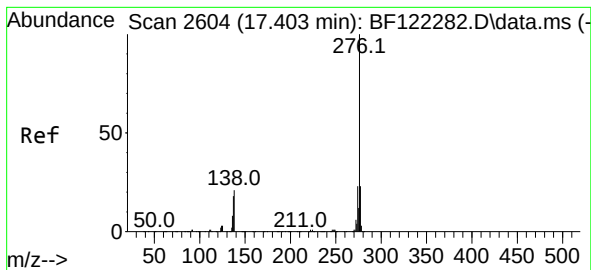
Tgt Ion:252 Resp: 464823
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 11.8 8.6 13.0



#91
Dibenzo(a,h)anthracene
Concen: 3.28 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.006 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Tgt Ion:278 Resp: 79219
Ion Ratio Lower Upper
278 100
139 22.2 13.0 19.4#
279 31.5 19.0 28.4#





#92
Benzo(g,h,i)perylene
Concen: 12.77 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF122469.D
Acq: 24 Nov 2020 15:58

Instrument :
BNA_F
ClientSampleId :
PHC-340EM-013

Tgt Ion:276 Resp: 300202
Ion Ratio Lower Upper
276 100
277 25.3 19.4 29.2
138 21.6 17.8 26.6

