

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124485.D
 Acq On : 29 Jun 2021 00:19
 Operator : JU/CG
 Sample : M2856-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: Jun 29 05:13:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 16:01:42 2021
 Response via : Initial Calibration

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

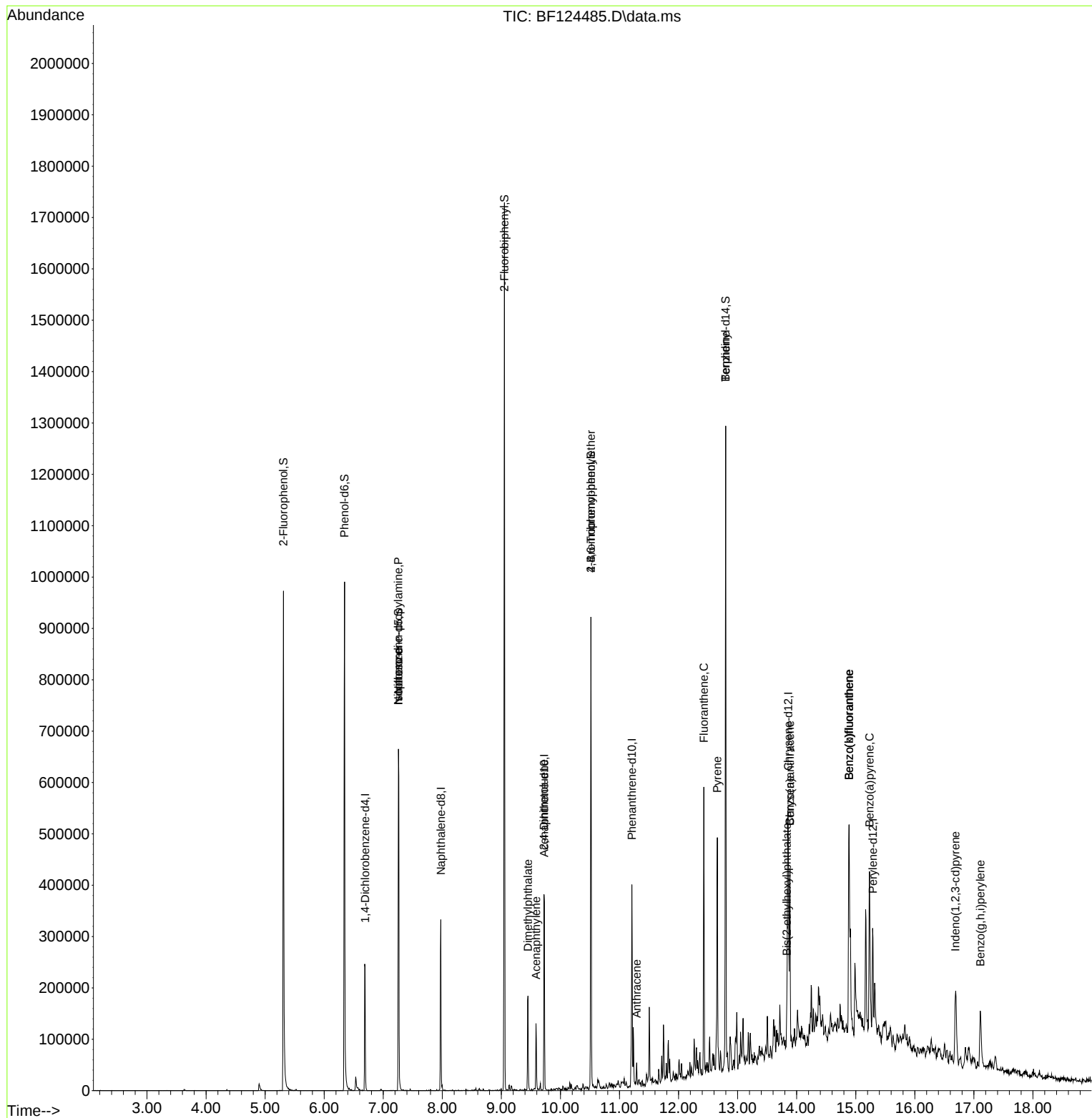
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	36049	20.00	ng	-0.01
21) Naphthalene-d8	7.975	136	130584	20.00	ng	#-0.01
39) Acenaphthene-d10	9.728	164	79156	20.00	ng	-0.01
64) Phenanthrene-d10	11.210	188	121250	20.00	ng	-0.02
76) Chrysene-d12	13.857	240	86811	20.00	ng	-0.01
86) Perylene-d12	15.292	264	80459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	236709	103.27	ng	-0.02
7) Phenol-d6	6.345	99	290058	96.92	ng	-0.02
23) Nitrobenzene-d5	7.257	82	217502	69.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	90771	95.98	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	432041	66.86	ng	-0.02
79) Terphenyl-d14	12.798	244	344126	59.37	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	30723	15.26	ng	# 64
25) Isophorone	7.257	82	217500	40.17	ng	# 69
49) Acenaphthylene	9.586	152	47787	6.01	ng	95
50) Dimethylphthalate	9.451	163	67285	10.78	ng	# 98
57) 2,4-Dinitrotoluene	9.722	165	9611	5.03	ng	# 15
67) 4-Bromophenyl-phenylether	10.516	248	6167	3.78	ng	# 1
72) Anthracene	11.292	178	18834	2.47	ng	94
75) Fluoranthene	12.427	202	184319	23.96	ng	96
77) Benzidine	12.798	184	6262	3.60	ng	# 74
78) Pyrene	12.657	202	171780	21.68	ng	99
81) Benzo(a)anthracene	13.886	228	138034	22.05	ng	98
83) Chrysene	13.886	228	138034	22.25	ng	97
84) Bis(2-ethylhexyl)phtha...	13.833	149	16760	3.98	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.686	276	83327	13.13	ng	94
88) Benzo(b)fluoranthene	14.886	252	279131	45.78	ng	99
89) Benzo(k)fluoranthene	14.886	252	279131	50.04	ng	99
90) Benzo(a)pyrene	15.233	252	142845	26.36	ng	# 97
92) Benzo(g,h,i)perylene	17.109	276	81129	15.09	ng	95

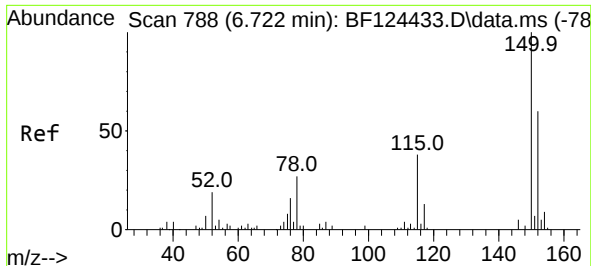
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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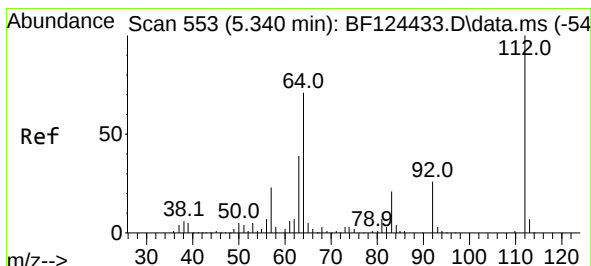
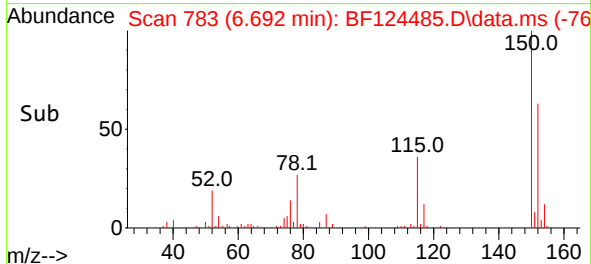
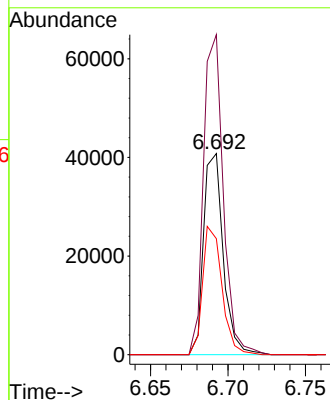
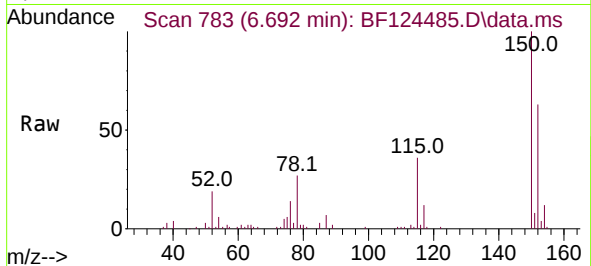




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.011 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

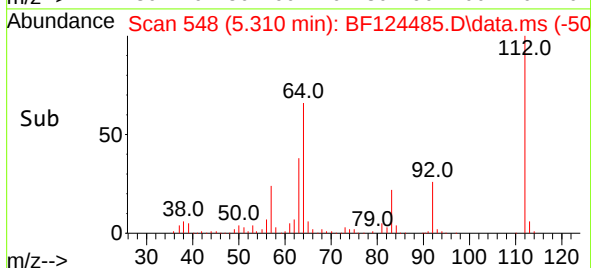
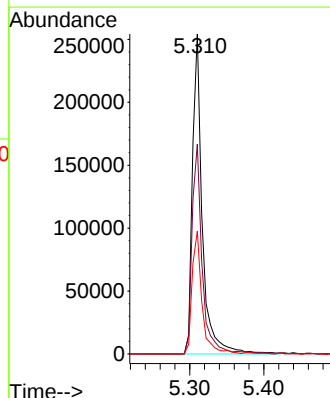
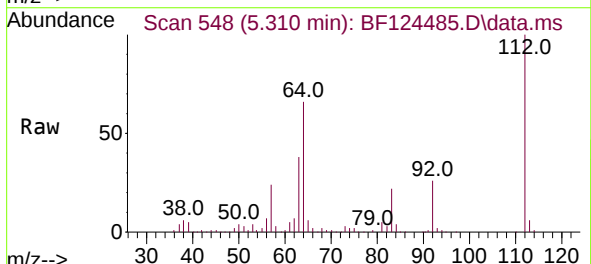
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

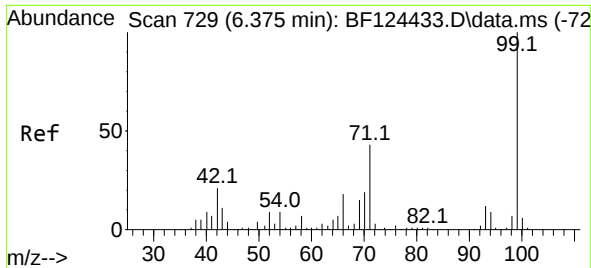
Tgt Ion:152 Resp: 36049
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 57.7 54.3 81.5



#5
2-Fluorophenol
Concen: 103.27 ng
RT: 5.310 min Scan# 548
Delta R.T. -0.018 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:112 Resp: 236709
Ion Ratio Lower Upper
112 100
64 65.5 61.4 92.0
63 38.4 33.0 49.4

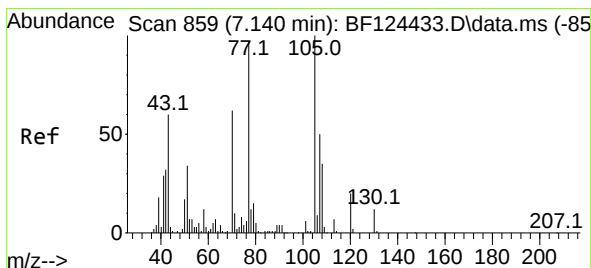
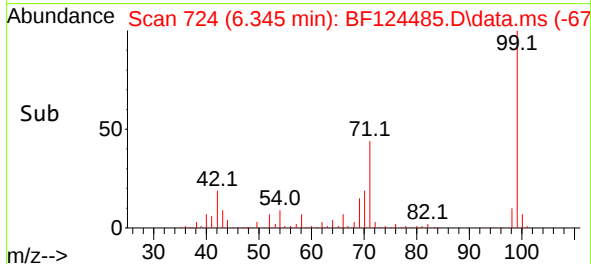
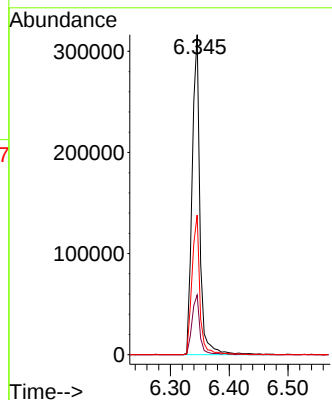
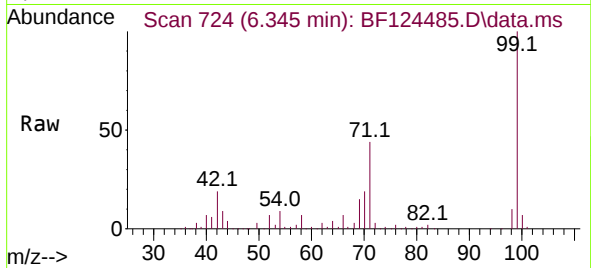




#7
Phenol-d6
Concen: 96.92 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.018 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

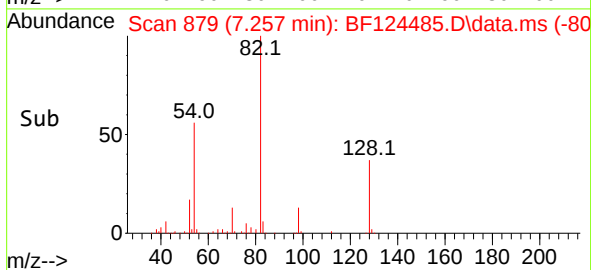
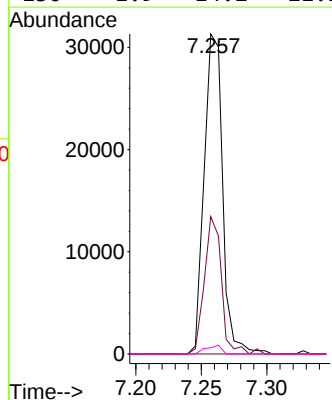
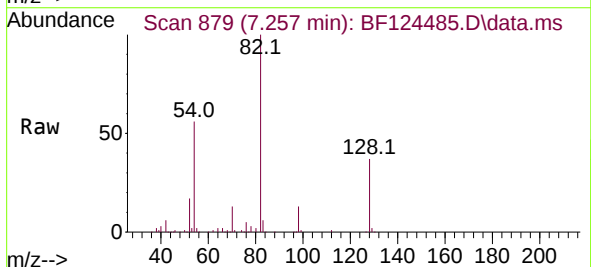
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

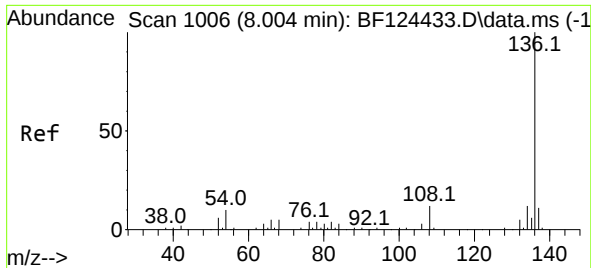
Tgt Ion: 99 Resp: 290058
Ion Ratio Lower Upper
99 100
42 18.7 19.8 29.8#
71 43.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.26 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.130 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion: 70 Resp: 30723
Ion Ratio Lower Upper
70 100
42 42.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#

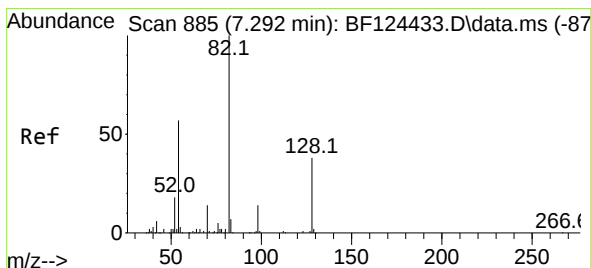
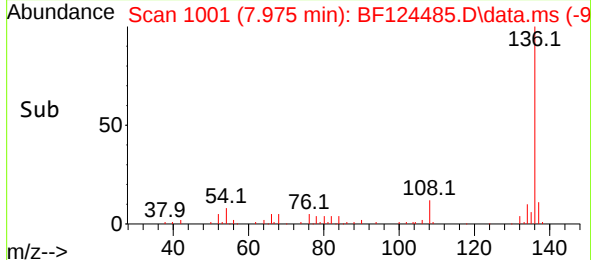
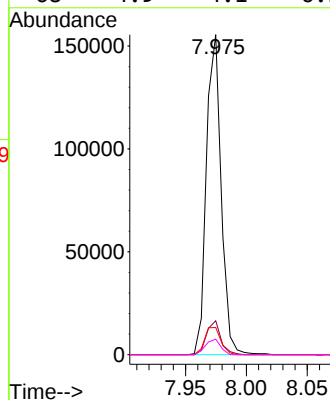
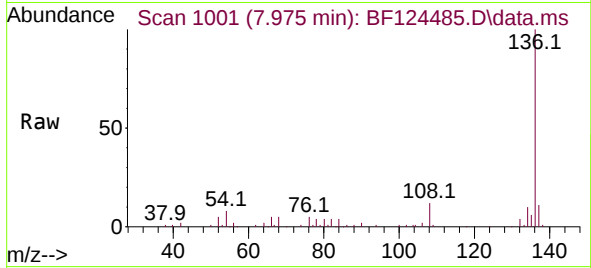




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

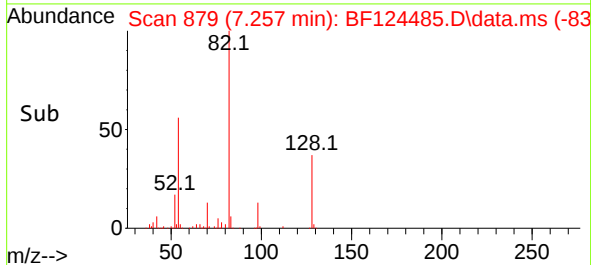
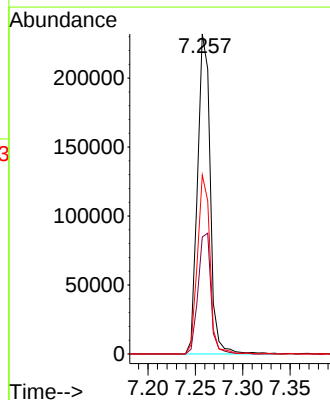
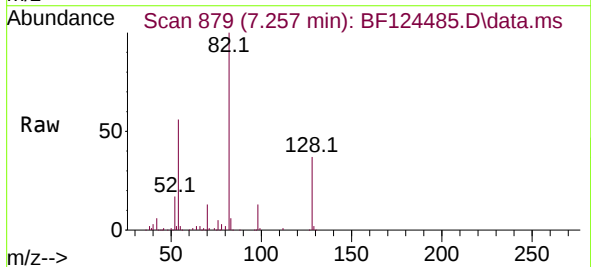
Instrument :
BNA_F
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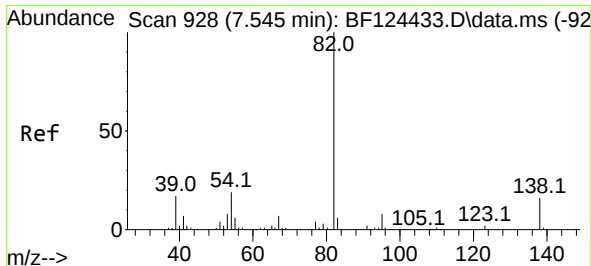
Tgt Ion:136	Resp: 130584
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 8.5	9.8 14.6#
68 4.9	4.1 6.1



#23
Nitrobenzene-d5
Concen: 69.06 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.023 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion: 82	Resp: 217502
Ion Ratio	Lower Upper
82 100	
128 36.5	29.4 44.2
54 55.9	54.1 81.1

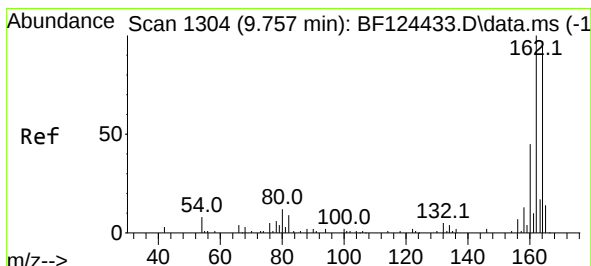
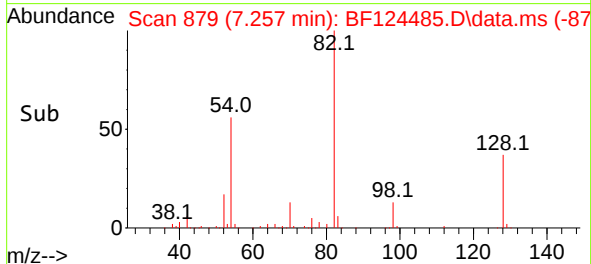
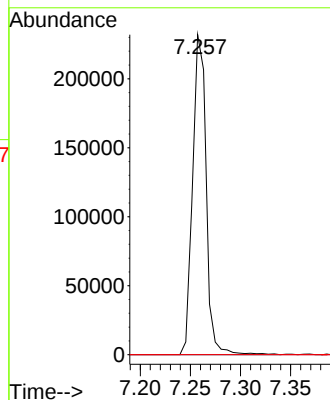
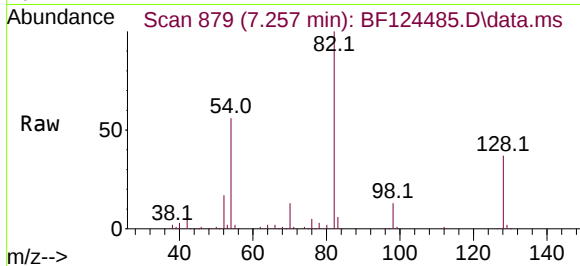




#25
Isophorone
Concen: 40.17 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.276 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

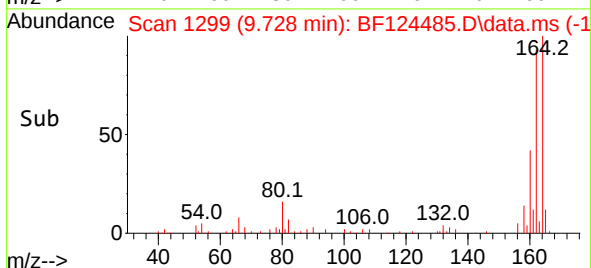
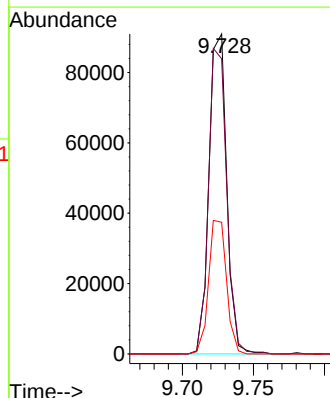
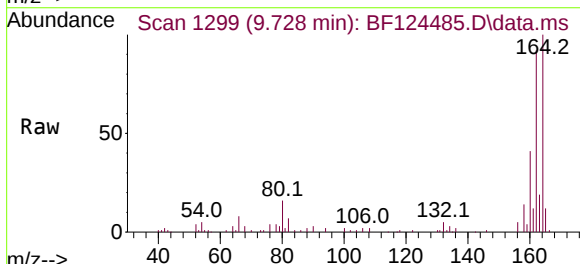
Instrument :
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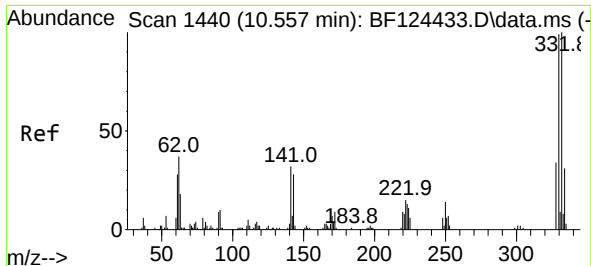
Tgt Ion: 82 Resp: 217500
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion: 164 Resp: 79156
Ion Ratio Lower Upper
164 100
162 92.3 80.7 121.1
160 41.2 37.3 55.9

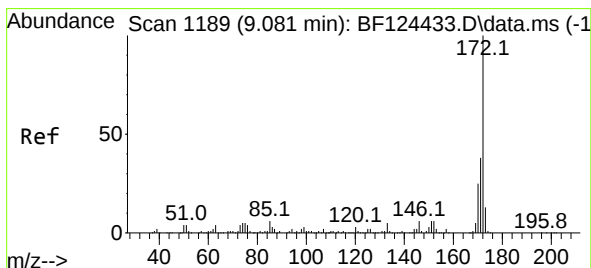
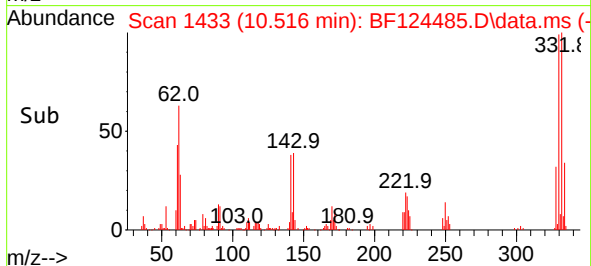
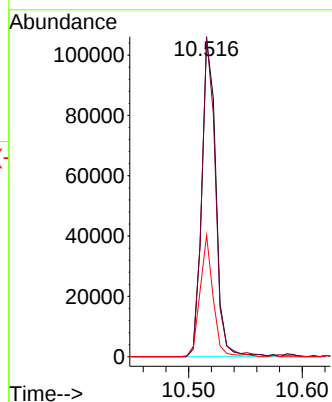
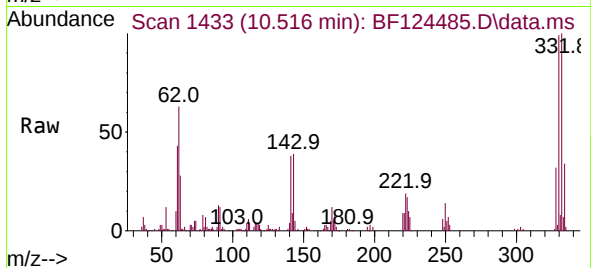




#42
2,4,6-Tribromophenol
Concen: 95.98 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

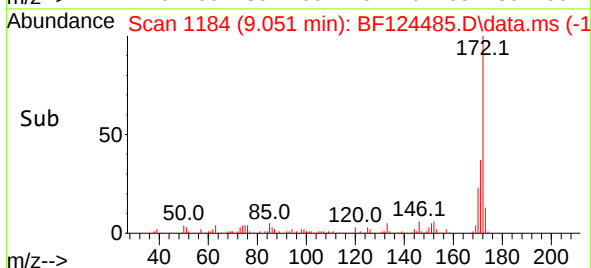
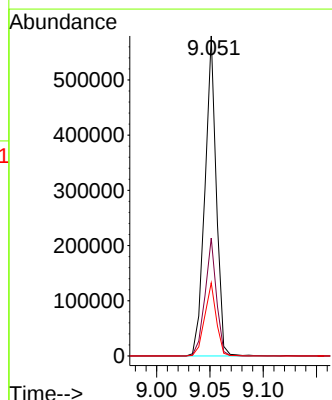
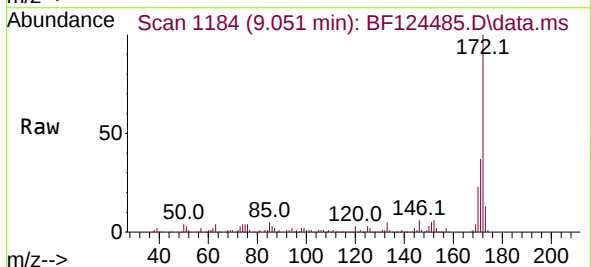
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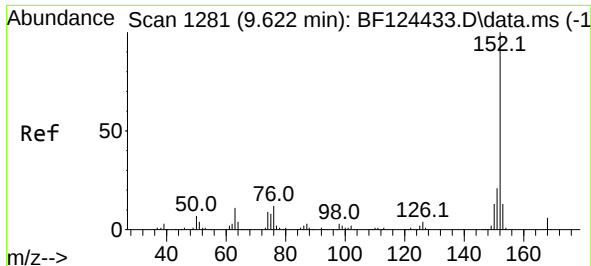
Tgt Ion:	330	Resp:	90771
Ion Ratio	Lower	Upper	
330	100		
332	98.3	77.1	115.7
141	35.5	27.9	41.9



#45
2-Fluorobiphenyl
Concen: 66.86 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:	172	Resp:	432041
Ion Ratio	Lower	Upper	
172	100		
171	36.8	28.1	42.1
170	22.9	19.2	28.8





#49

Acenaphthylene

Concen: 6.01 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.018 min

Lab File: BF124485.D

Acq: 29 Jun 2021 00:19

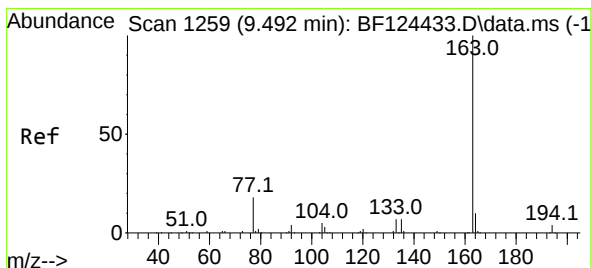
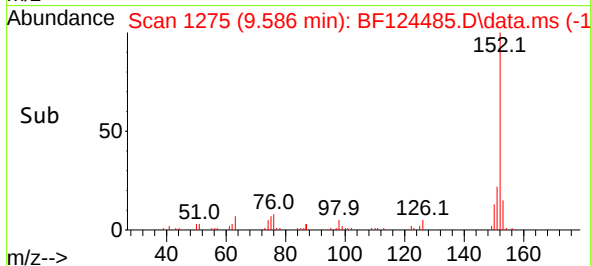
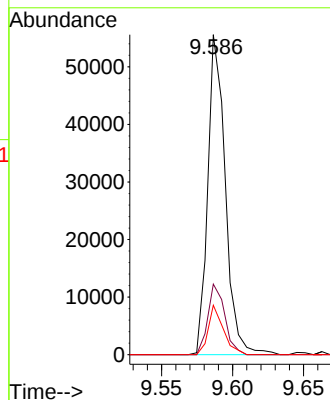
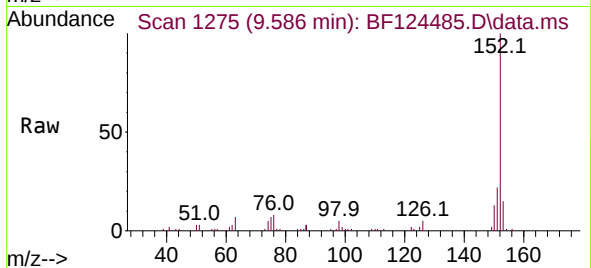
Tgt Ion:	152	Resp:	47787
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.0	24.0
153	15.5	10.4	15.6

Instrument :

BNA_F

ClientSampleId :

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#50

Dimethylphthalate

Concen: 10.78 ng

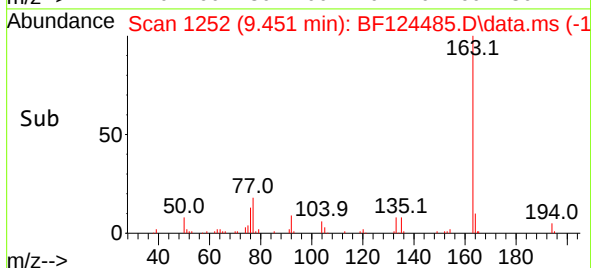
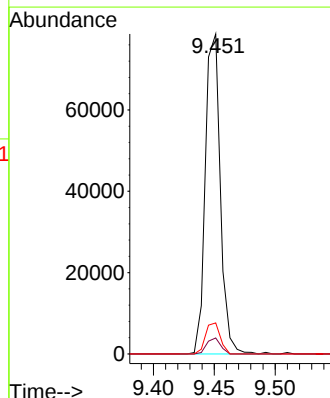
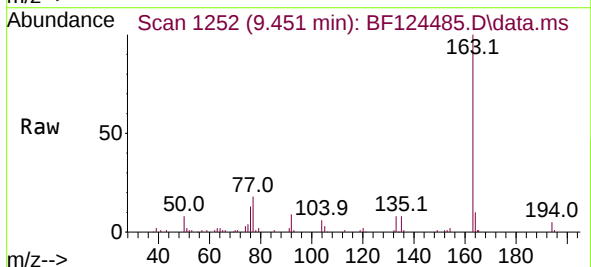
RT: 9.451 min Scan# 1252

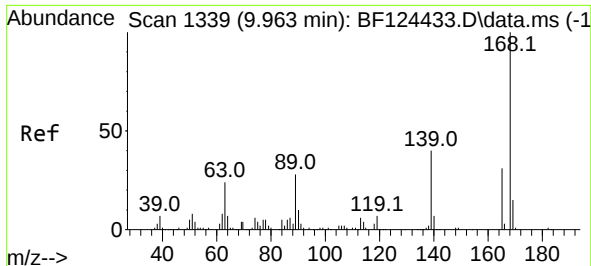
Delta R.T. -0.023 min

Lab File: BF124485.D

Acq: 29 Jun 2021 00:19

Tgt Ion:	163	Resp:	67285
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.1	4.7#
164	9.7	8.2	12.2

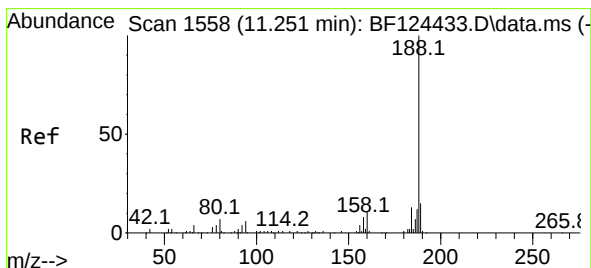
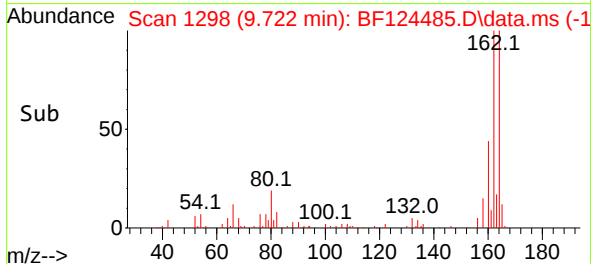
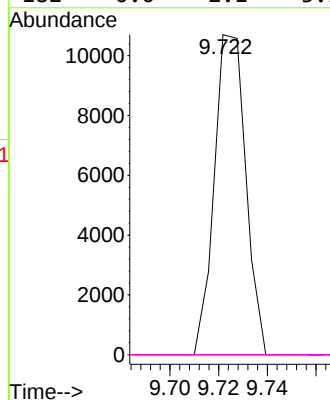
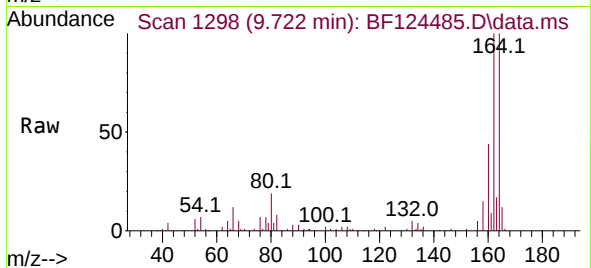




#57
2,4-Dinitrotoluene
Concen: 5.03 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.223 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

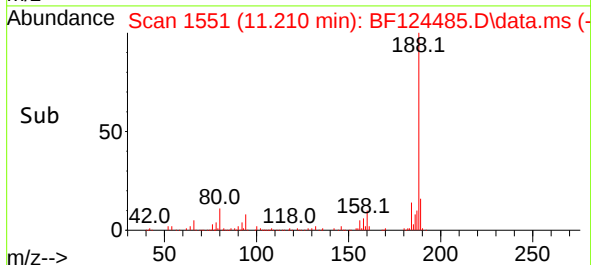
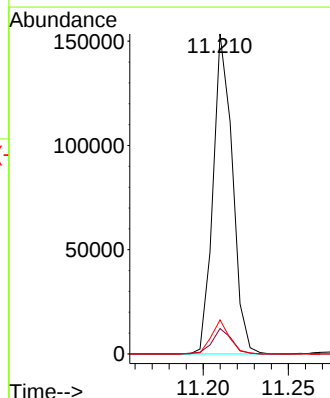
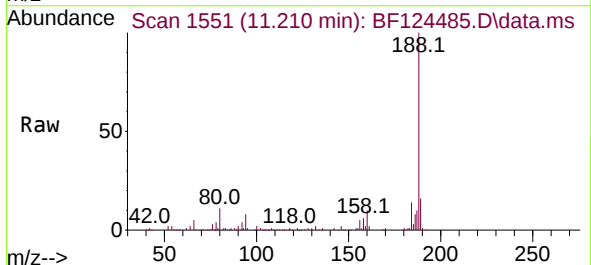
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SB-10-COMP

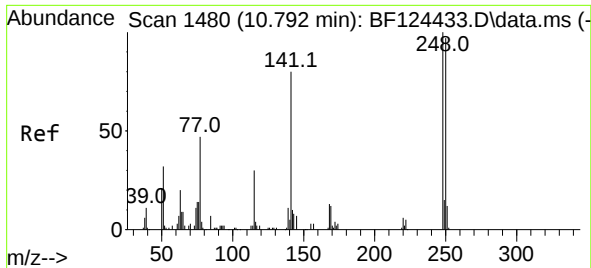
Tgt Ion:165 Resp: 9611
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:188 Resp: 121250
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 10.7 8.2 12.2

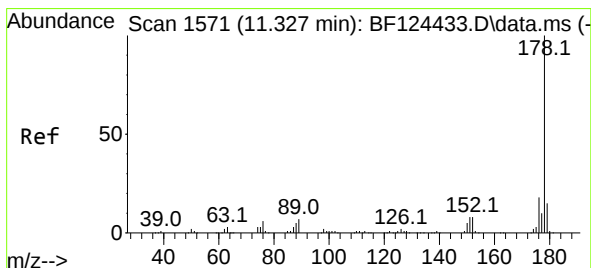
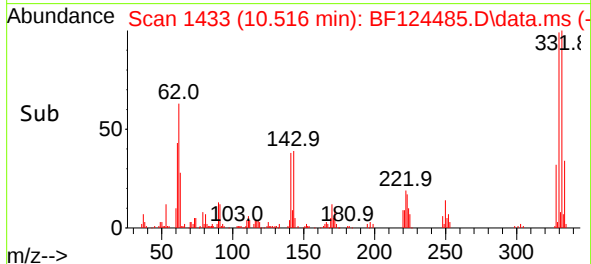
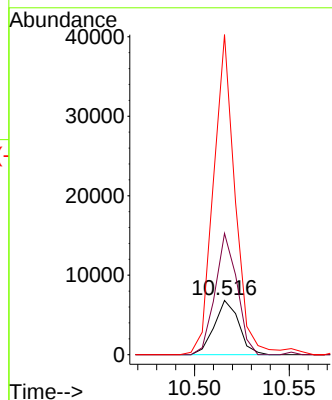
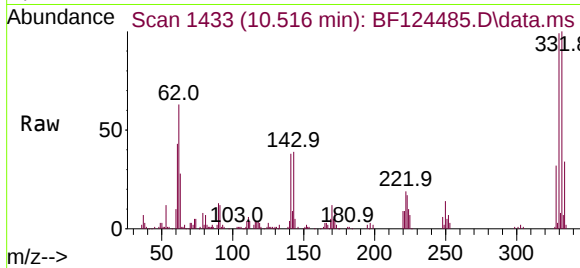




#67
4-Bromophenyl-phenylether
Concen: 3.78 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.253 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

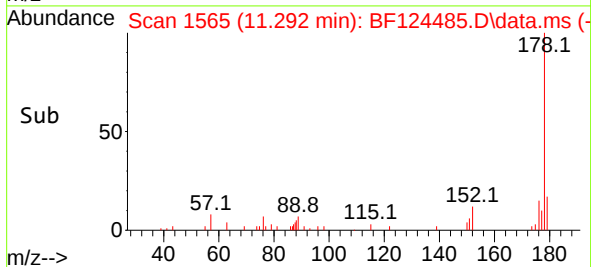
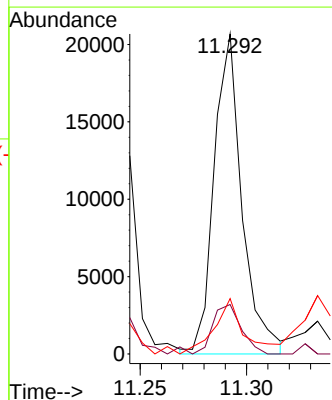
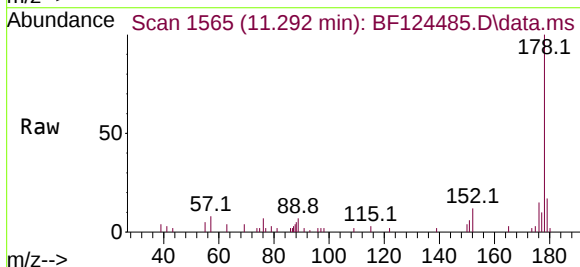
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

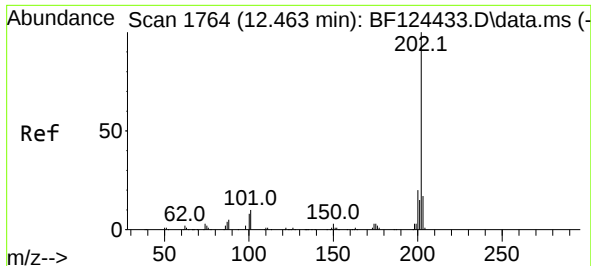
Tgt Ion:248 Resp: 6167
Ion Ratio Lower Upper
248 100
250 223.2 77.4 116.2#
141 589.1 63.7 95.5#



#72
Anthracene
Concen: 2.47 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:178 Resp: 18834
Ion Ratio Lower Upper
178 100
176 15.5 15.4 23.0
179 17.3 12.6 18.8

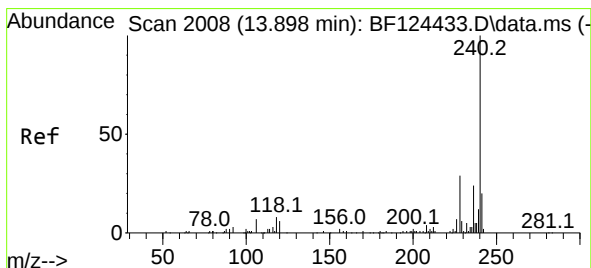
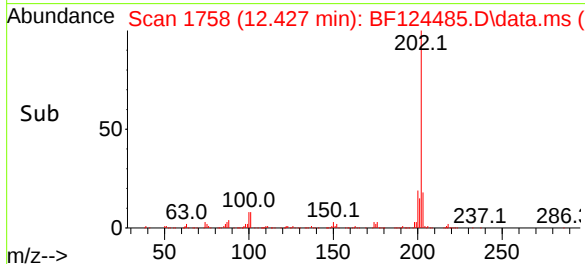
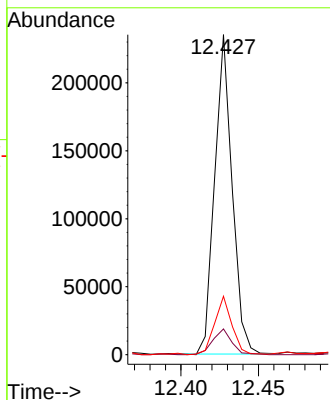
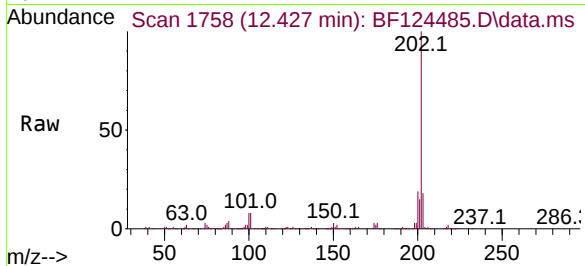




#75
Fluoranthene
Concen: 23.96 ng
RT: 12.427 min Scan# 1758
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

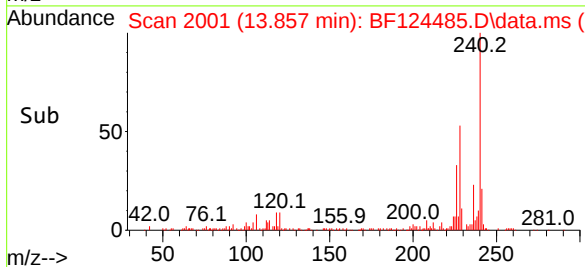
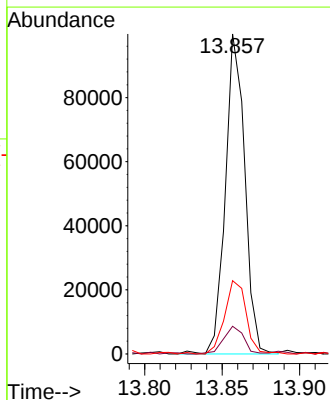
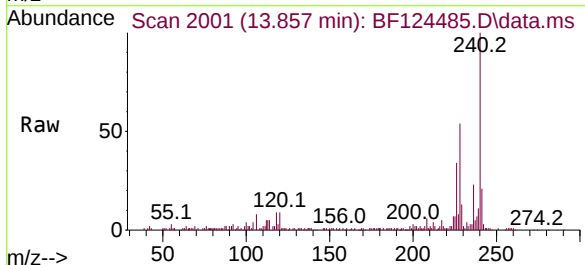
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

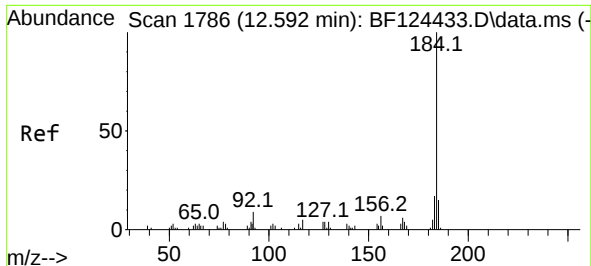
Tgt Ion:202 Resp: 184319
Ion Ratio Lower Upper
202 100
101 8.1 0.0 30.9
203 18.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:240 Resp: 86811
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 22.9 19.0 28.4

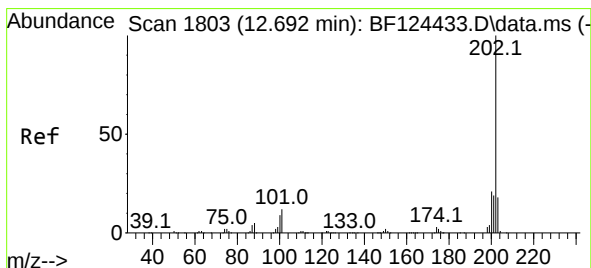
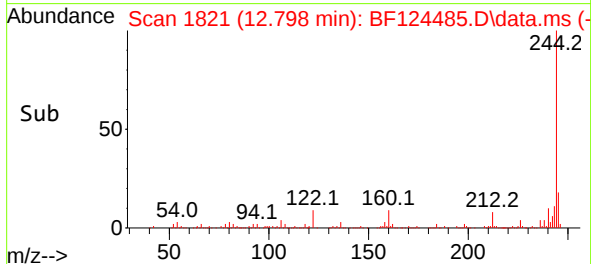
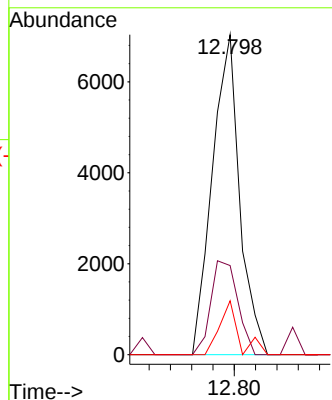
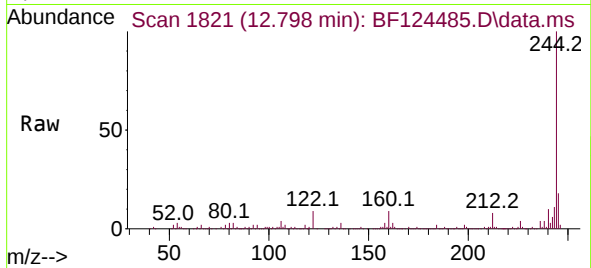




#77
Benzidine
Concen: 3.60 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.235 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

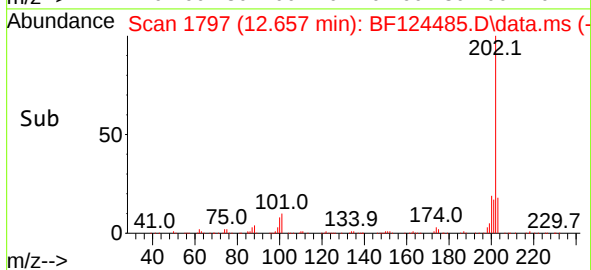
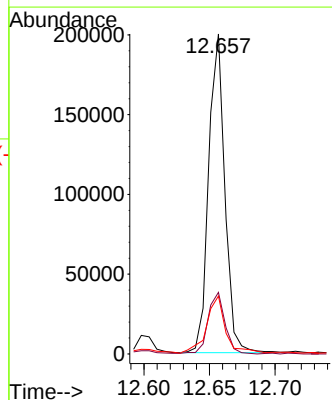
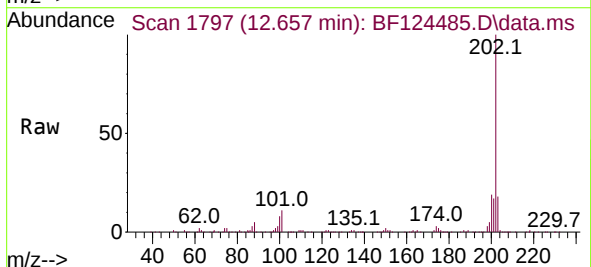
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

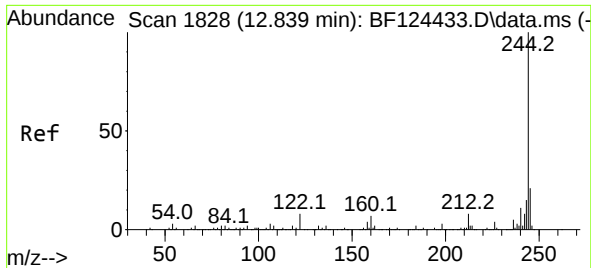
Tgt Ion:184 Resp: 6262
Ion Ratio Lower Upper
184 100
185 27.9 12.1 18.1#
183 16.8 7.8 11.8#



#78
Pyrene
Concen: 21.68 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:202 Resp: 171780
Ion Ratio Lower Upper
202 100
200 19.2 16.1 24.1
203 18.1 14.8 22.2

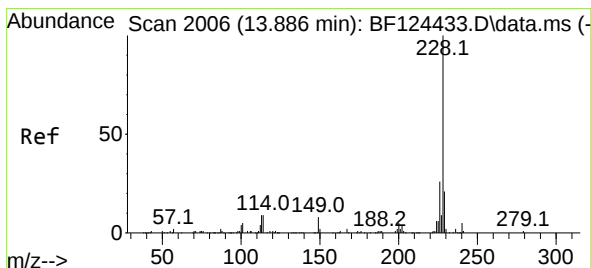
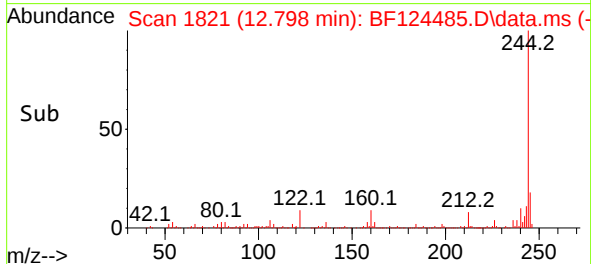
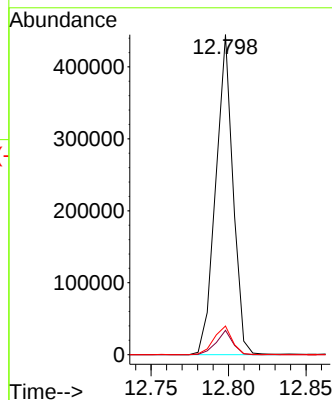
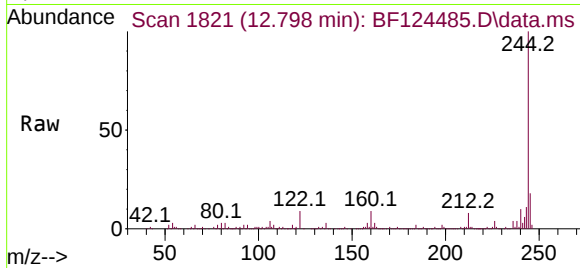




#79
 Terphenyl-d14
 Concen: 59.37 ng
 RT: 12.798 min Scan# 1821
 Delta R.T. -0.012 min
 Lab File: BF124485.D
 Acq: 29 Jun 2021 00:19

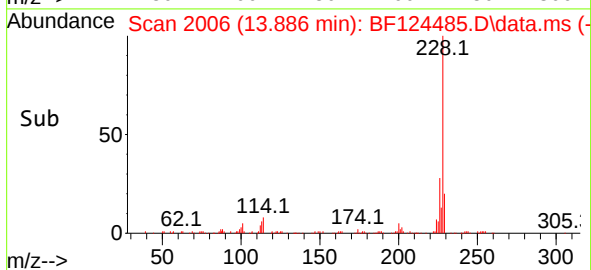
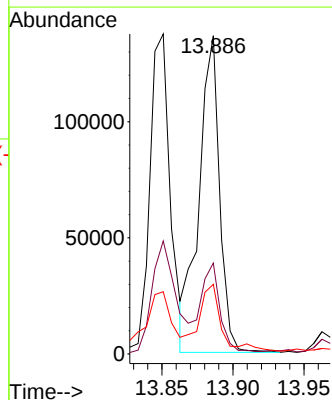
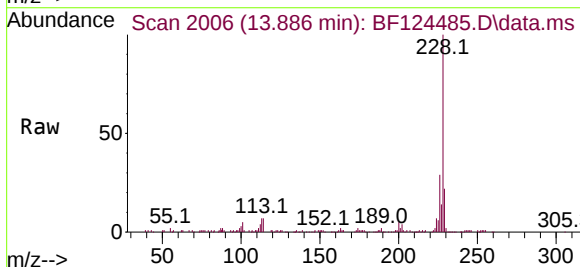
Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

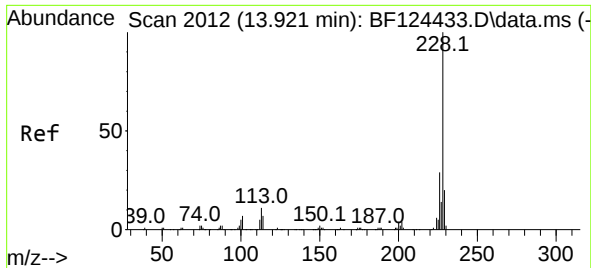
Tgt Ion:244 Resp: 344126
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 8.9 9.7 14.5#



#81
 Benzo(a)anthracene
 Concen: 22.05 ng
 RT: 13.886 min Scan# 2006
 Delta R.T. 0.030 min
 Lab File: BF124485.D
 Acq: 29 Jun 2021 00:19

Tgt Ion:228 Resp: 138034
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.4 33.6
 229 21.9 16.0 24.0

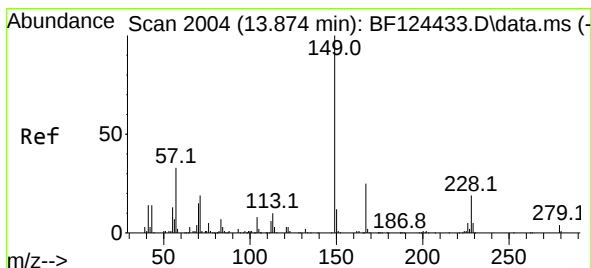
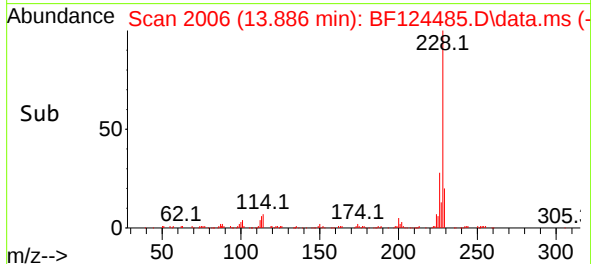
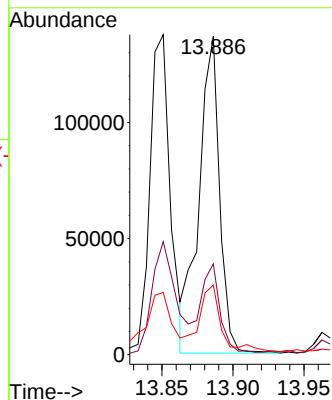
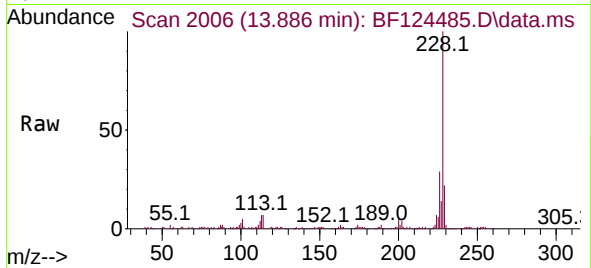




#83
Chrysene
Concen: 22.25 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

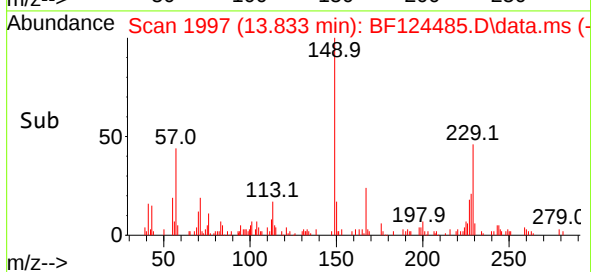
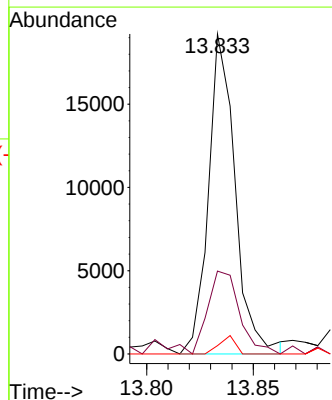
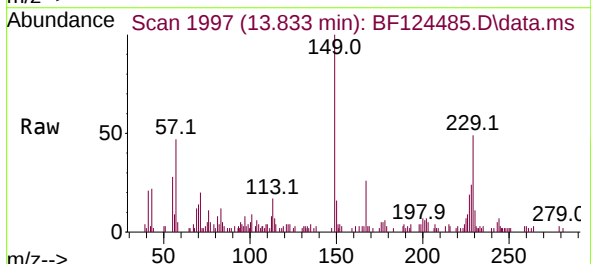
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

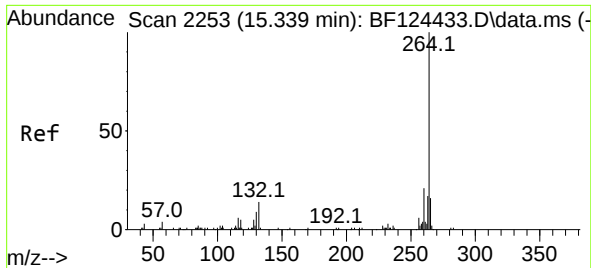
Tgt Ion:	228	Resp:	138034
Ion Ratio	Lower	Upper	
228	100		
226	28.6	24.3	36.5
229	21.9	16.2	24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.98 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:	149	Resp:	16760
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.8	32.6
279	2.6	3.3	4.9#

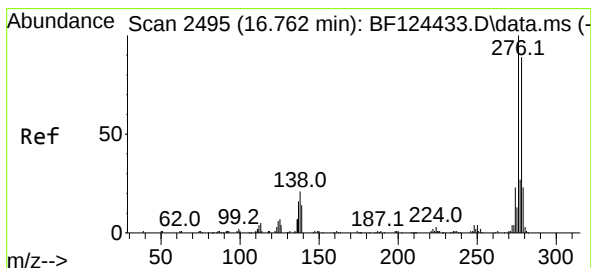
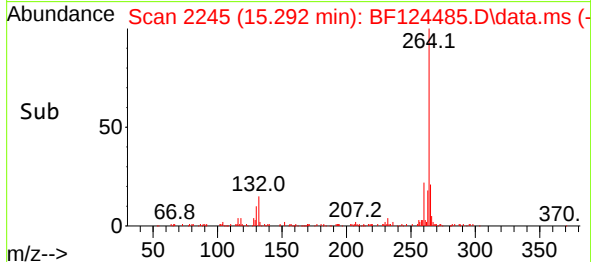
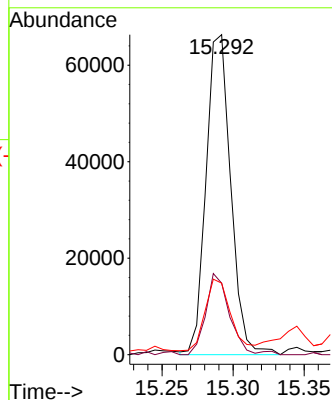
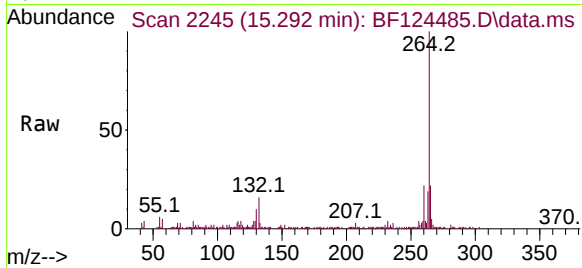




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

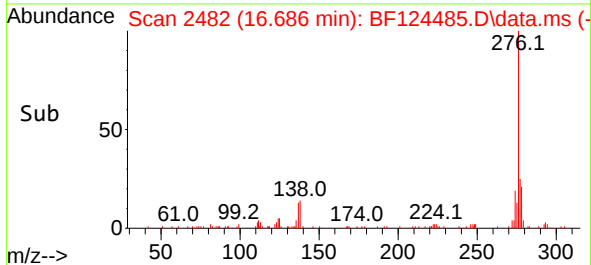
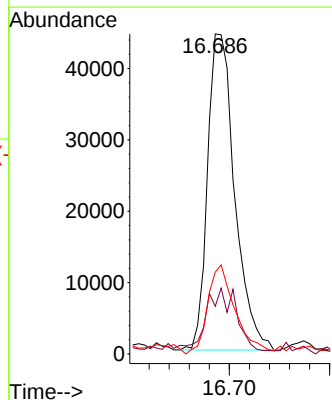
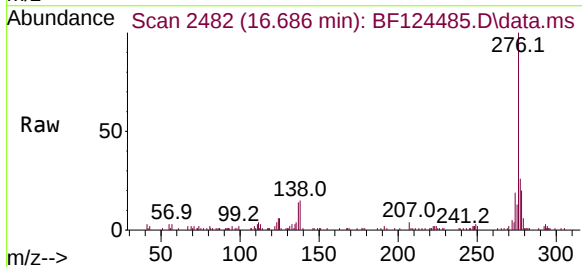
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

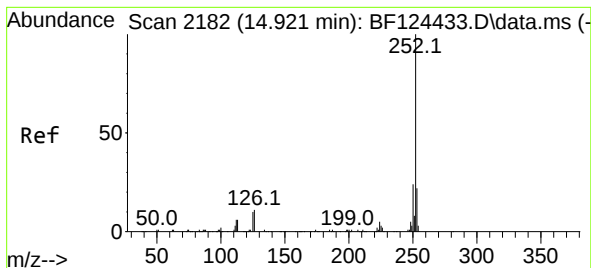
Tgt Ion:264	Resp:	80459
Ion Ratio	Lower	Upper
264	100	
260	22.4	18.7 28.1
265	22.3	17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 13.13 ng
RT: 16.686 min Scan# 2482
Delta R.T. -0.006 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:276	Resp:	83327
Ion Ratio	Lower	Upper
276	100	
138	22.3	16.2 24.2
277	28.7	20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 45.78 ng

RT: 14.886 min Scan# 2176

Delta R.T. 0.000 min

Lab File: BF124485.D

Acq: 29 Jun 2021 00:19

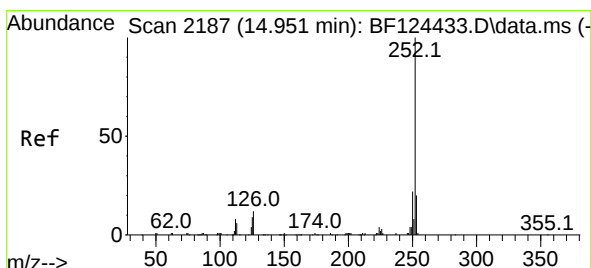
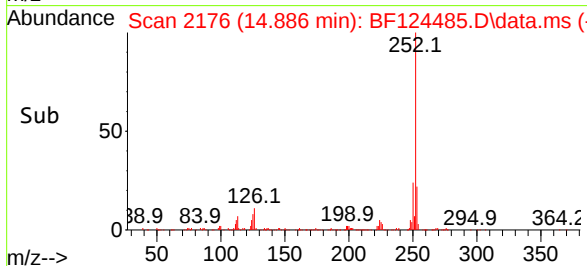
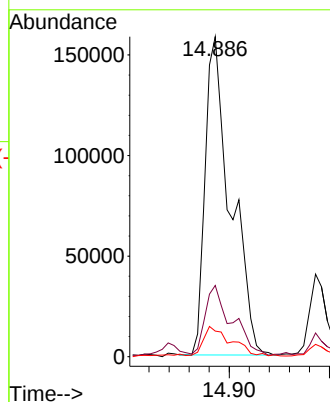
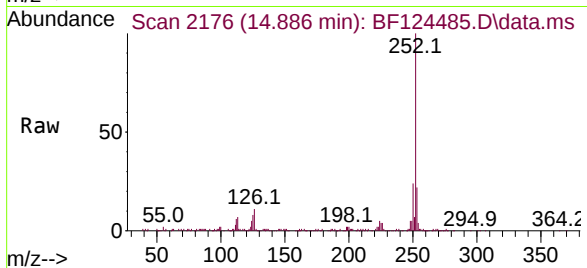
Tgt Ion:	252	Resp:	279131
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	8.0	6.2	9.4

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP



#89

Benzo(k)fluoranthene

Concen: 50.04 ng

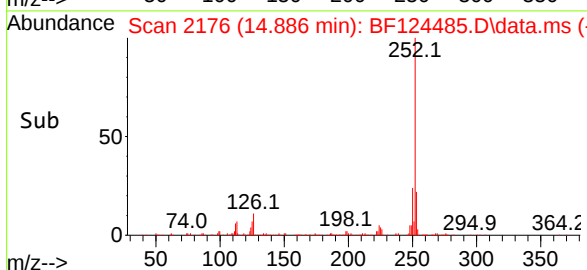
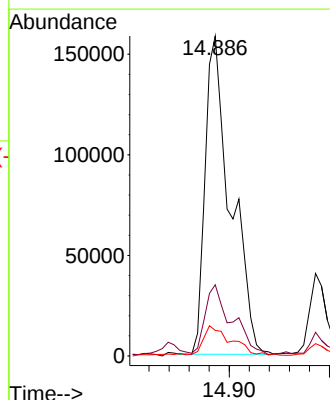
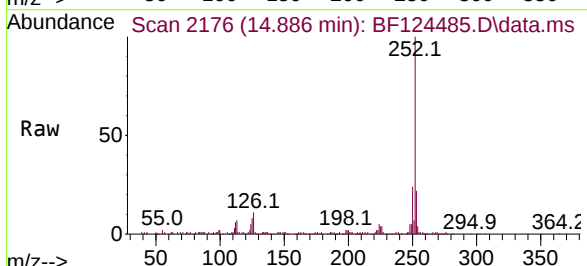
RT: 14.886 min Scan# 2176

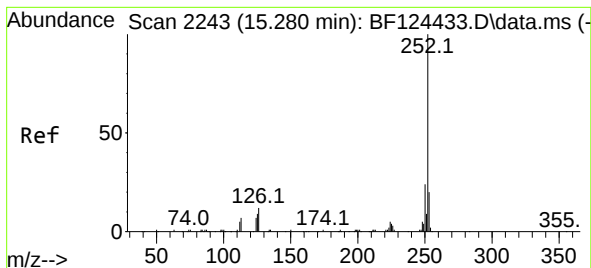
Delta R.T. -0.029 min

Lab File: BF124485.D

Acq: 29 Jun 2021 00:19

Tgt Ion:	252	Resp:	279131
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	8.0	7.0	10.6

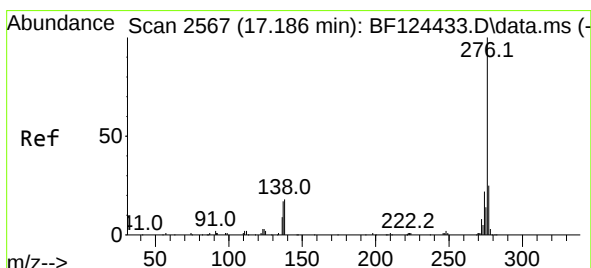
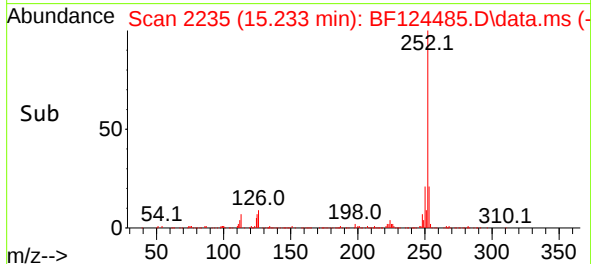
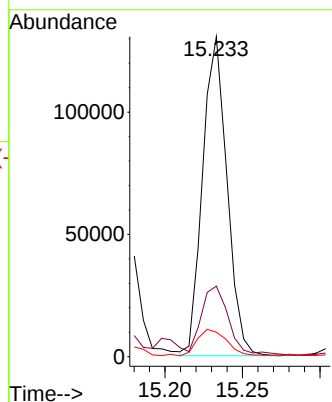
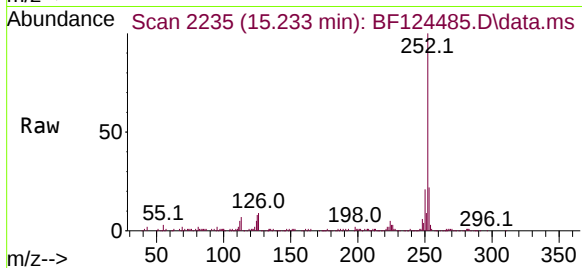




#90
Benzo(a)pyrene
Concen: 26.36 ng
RT: 15.233 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:252 Resp: 142845
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 7.7 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 15.09 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:276 Resp: 81129
Ion Ratio Lower Upper
276 100
277 25.8 18.2 27.2
138 18.8 13.8 20.6

