

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131126.D
 Acq On : 10 Nov 2022 16:51
 Operator : CG\JU
 Sample : PB148948BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148948BL

Quant Time: Nov 11 00:49:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

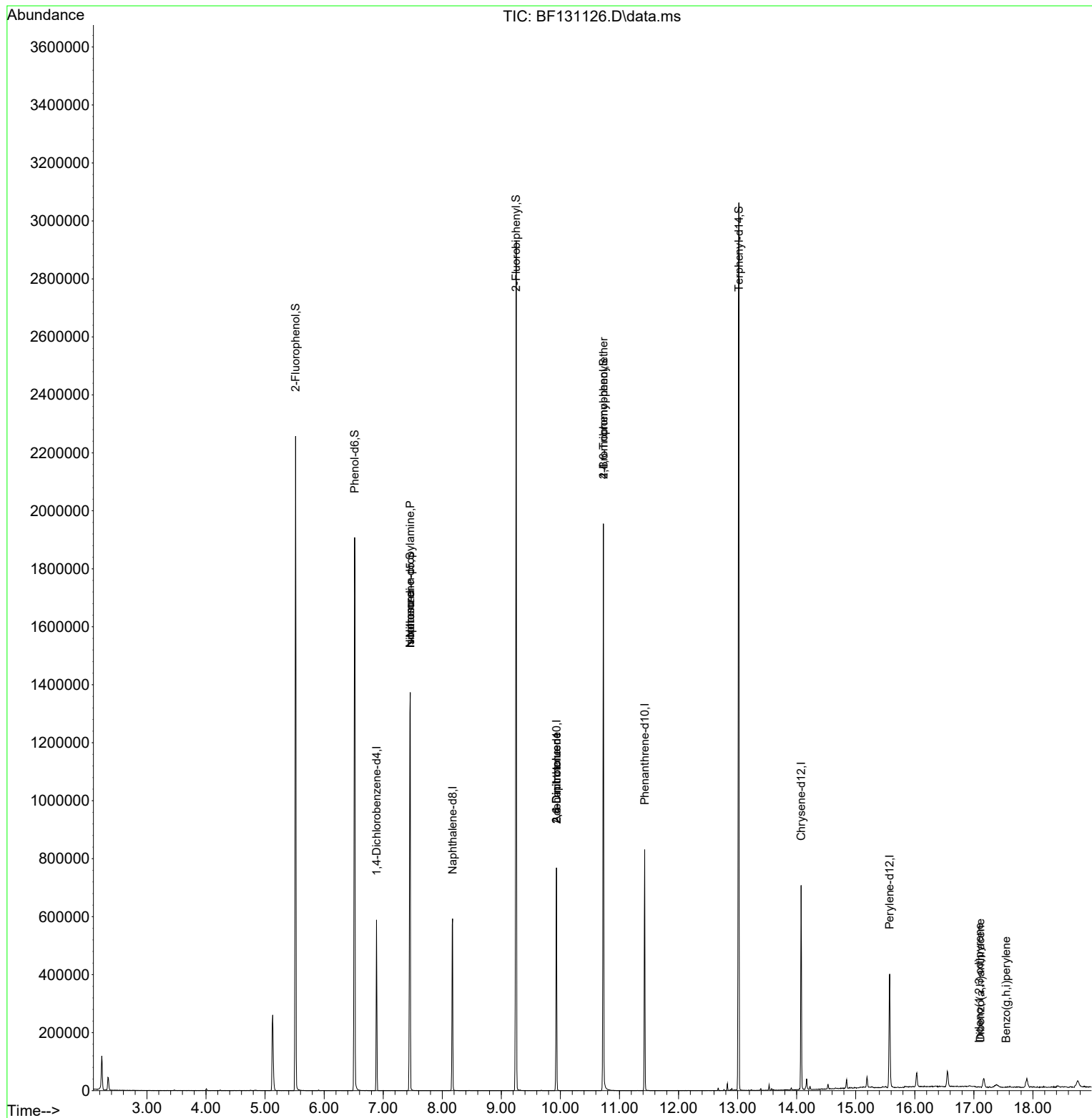
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	73489	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	275584	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	151276	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	278258	20.000	ng	0.00
76) Chrysene-d12	14.074	240	237654	20.000	ng	0.00
86) Perylene-d12	15.574	264	165308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	559019	129.363	ng	0.01
7) Phenol-d6	6.516	99	688845	121.929	ng	0.00
23) Nitrobenzene-d5	7.457	82	490680	80.335	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	211427	135.236	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	882576	81.444	ng	0.00
79) Terphenyl-d14	13.022	244	1080339	79.703	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	67556	18.212	ng	# 74
25) Isophorone	7.457	82	490671	51.955	ng	# 68
51) 2,6-Dinitrotoluene	9.934	165	19580	8.280	ng	# 14
57) 2,4-Dinitrotoluene	9.934	165	19580	6.228	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	13106	4.165	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.092	276	641	3.908	ng	# 52
91) Dibenzo(a,h)anthracene	17.110	278	334	3.867	ng	# 57
92) Benzo(g,h,i)perylene	17.545	276	556	4.409	ng	# 55

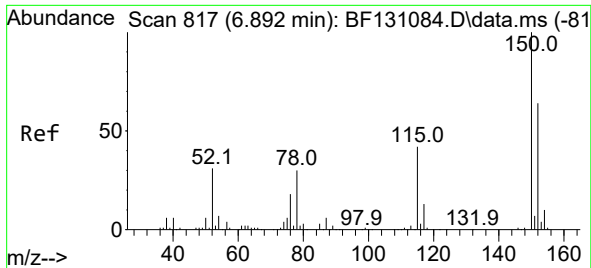
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
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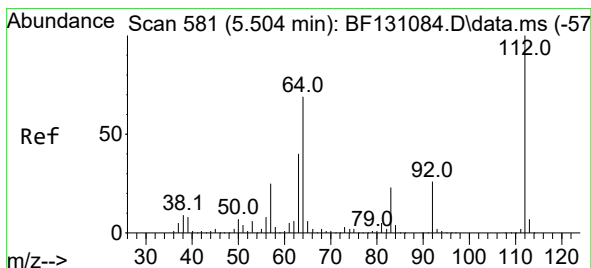
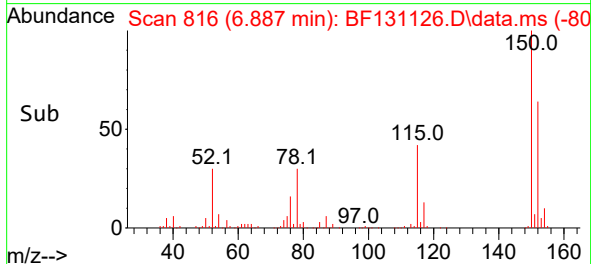
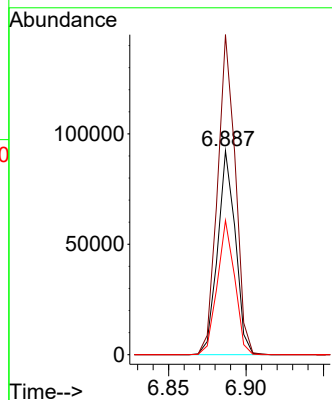
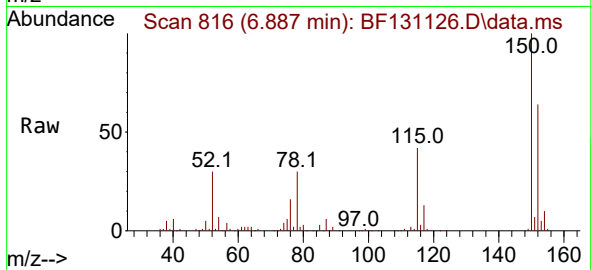




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

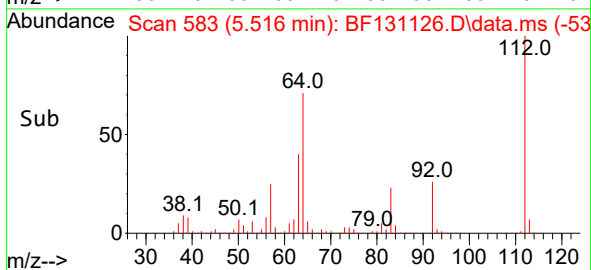
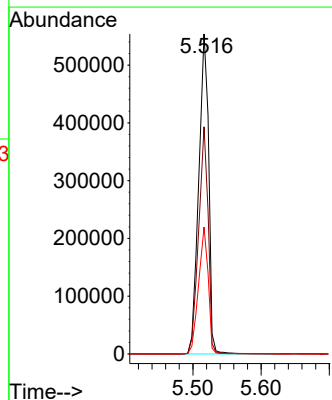
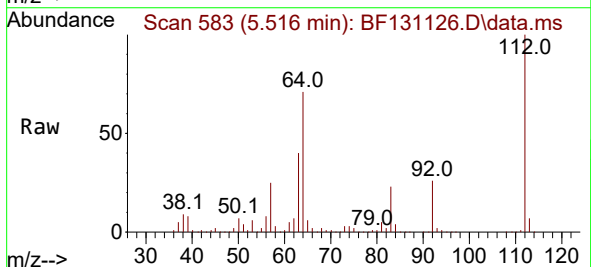
Instrument :
BNA_F
ClientSampleId :
PB148948BL

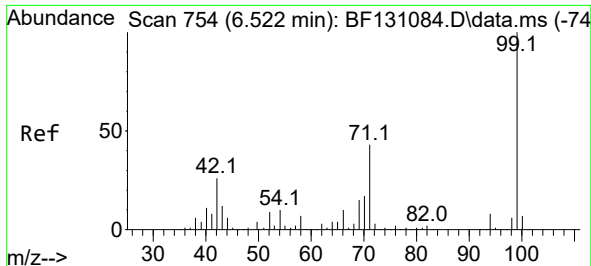
Tgt Ion:152 Resp: 73489
Ion Ratio Lower Upper
152 100
150 157.0 125.5 188.3
115 65.9 52.2 78.2



#5
2-Fluorophenol
Concen: 129.363 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

Tgt Ion:112 Resp: 559019
Ion Ratio Lower Upper
112 100
64 71.0 55.1 82.7
63 39.7 32.4 48.6

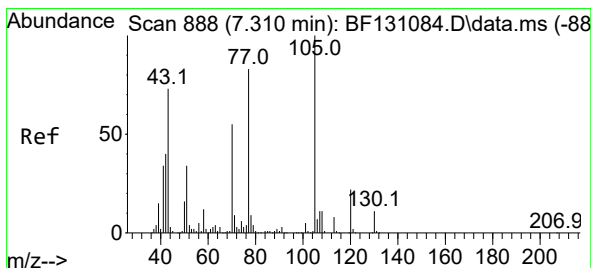
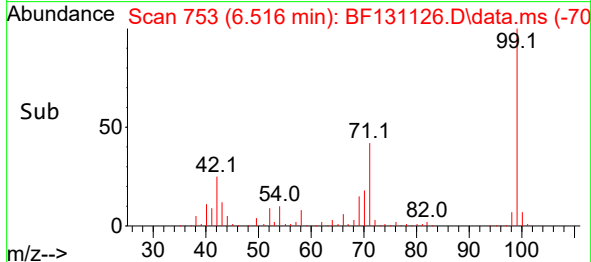
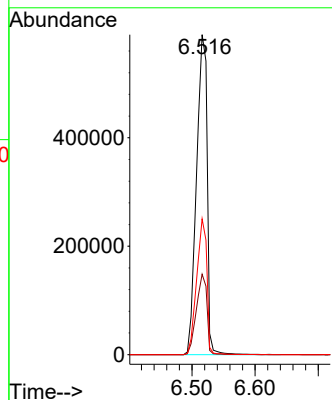
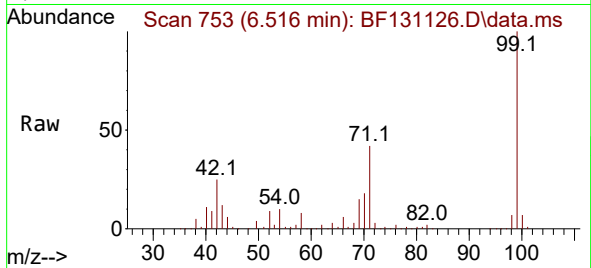




#7
Phenol-d6
Concen: 121.929 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

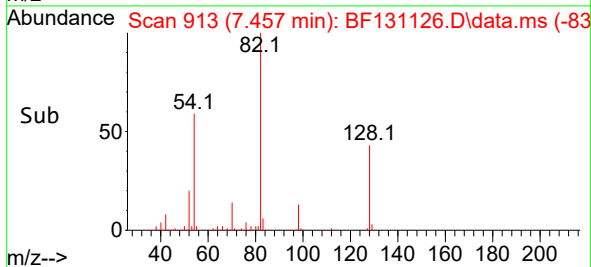
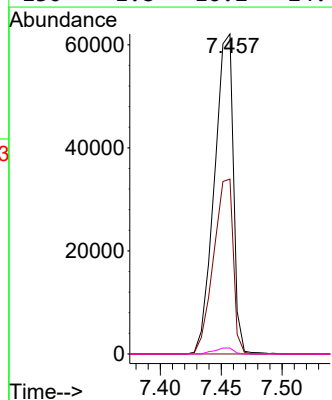
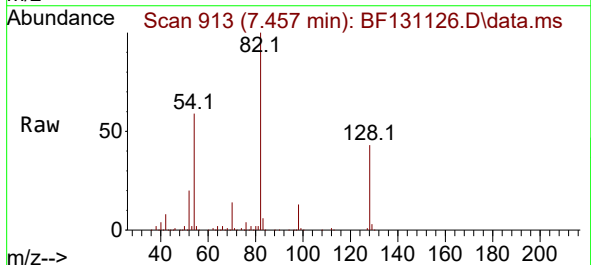
Instrument :
BNA_F
ClientSampleId :
PB148948BL

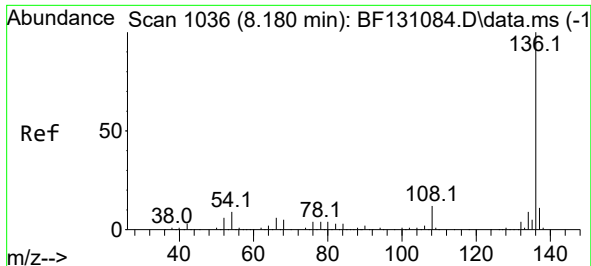
Tgt Ion: 99 Resp: 688845
Ion Ratio Lower Upper
99 100
42 25.2 20.8 31.2
71 42.5 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.212 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

Tgt Ion: 70 Resp: 67556
Ion Ratio Lower Upper
70 100
42 54.7 58.3 87.5#
101 0.0 7.4 11.2#
130 1.8 16.2 24.4#

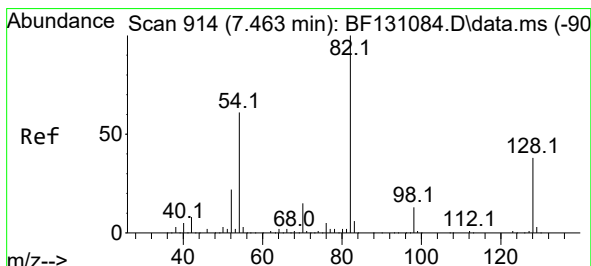
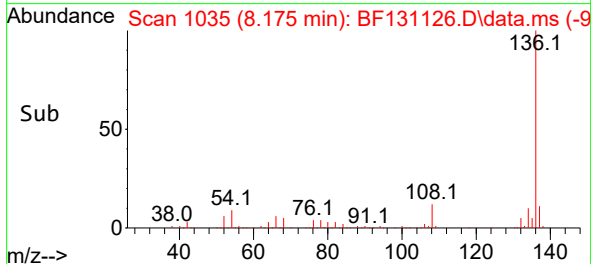
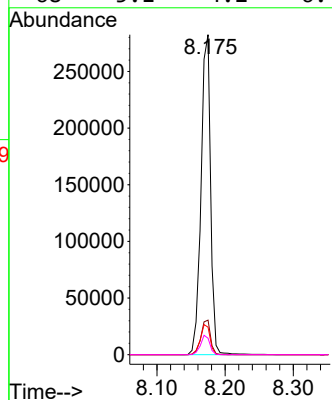
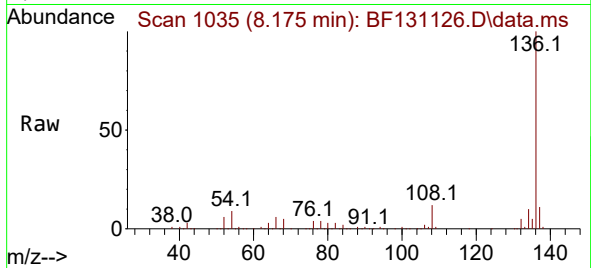




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

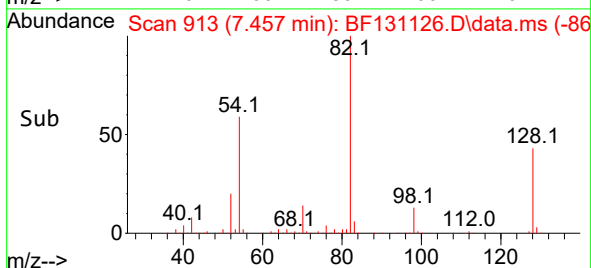
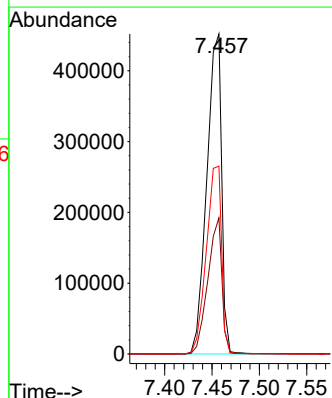
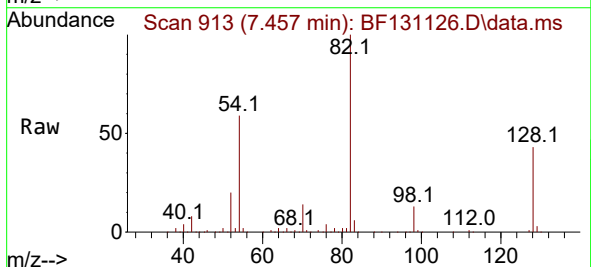
Instrument :
BNA_F
ClientSampleId :
PB148948BL

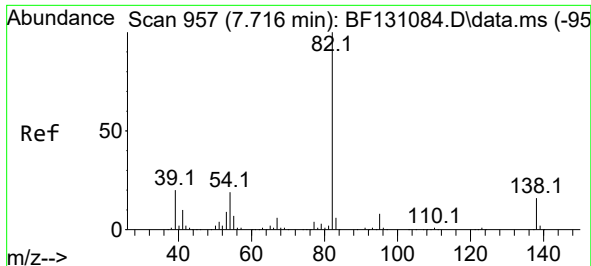
Tgt Ion:136 Resp: 275584
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.6 7.2 10.8
68 5.1 4.2 6.4



#23
Nitrobenzene-d5
Concen: 80.335 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

Tgt Ion: 82 Resp: 490680
Ion Ratio Lower Upper
82 100
128 42.6 30.5 45.7
54 58.7 49.1 73.7

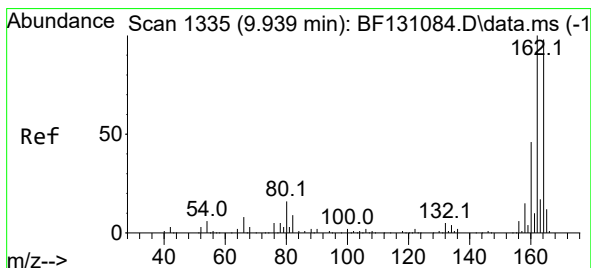
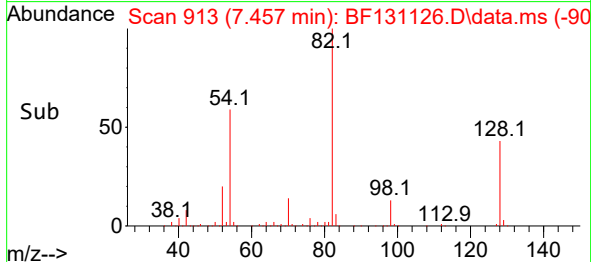
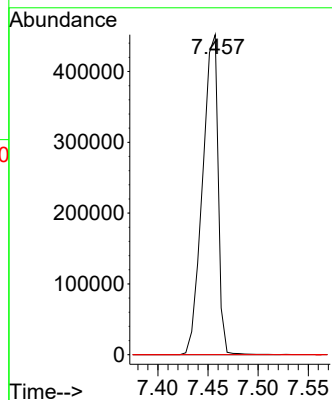
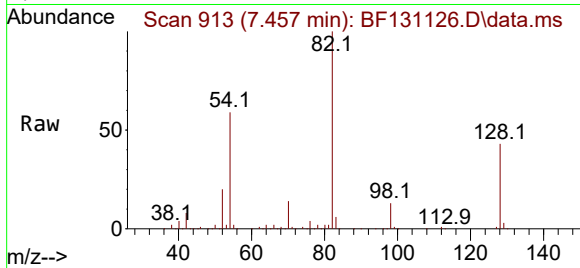




#25
Isophorone
Concen: 51.955 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

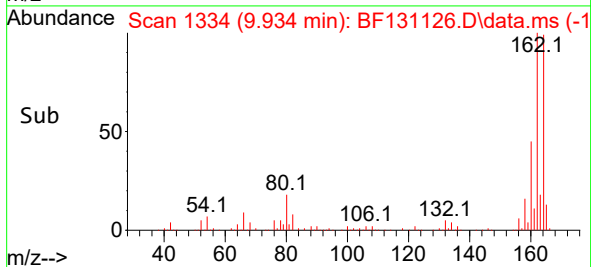
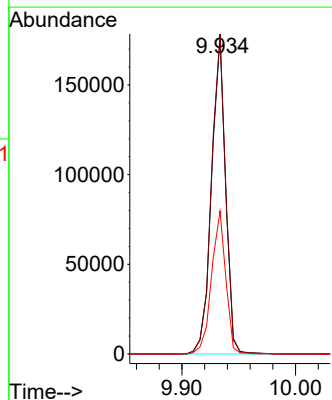
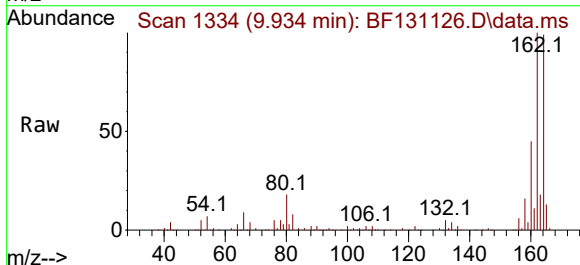
Instrument :
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ClientSampleId :
PB148948BL

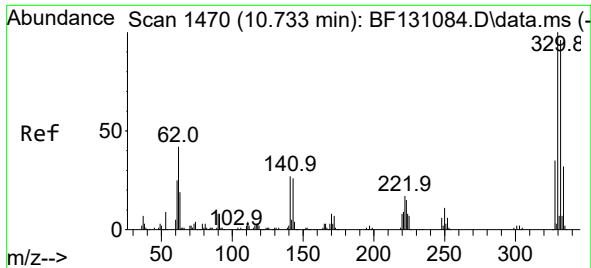
Tgt Ion: 82 Resp: 490671
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

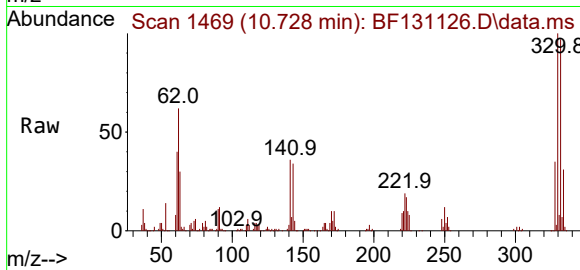
Tgt Ion:164 Resp: 151276
Ion Ratio Lower Upper
164 100
162 100.9 81.7 122.5
160 45.0 37.4 56.2



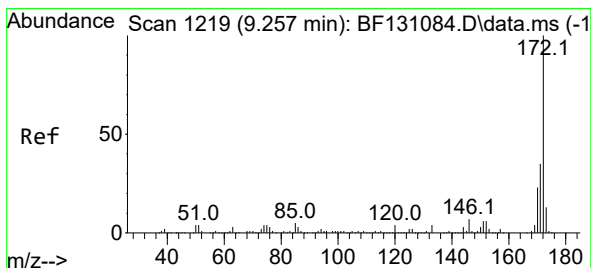
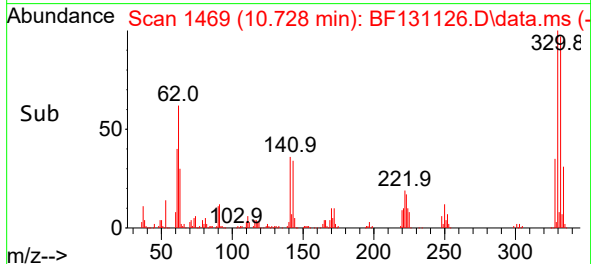
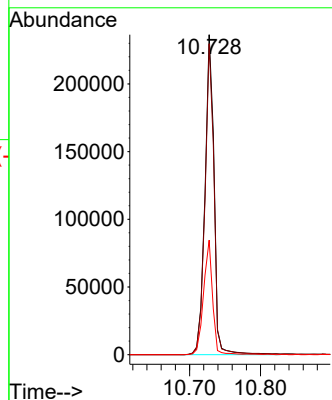


#42
2,4,6-Tribromophenol
Concen: 135.236 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

Instrument :
BNA_F
ClientSampleId :
PB148948BL

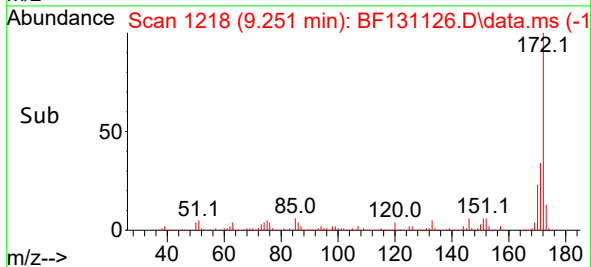
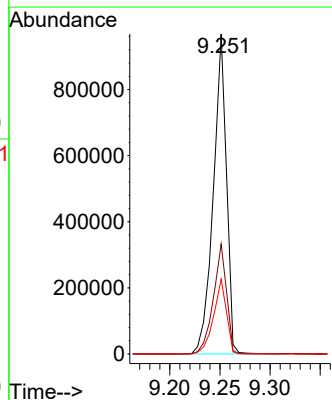
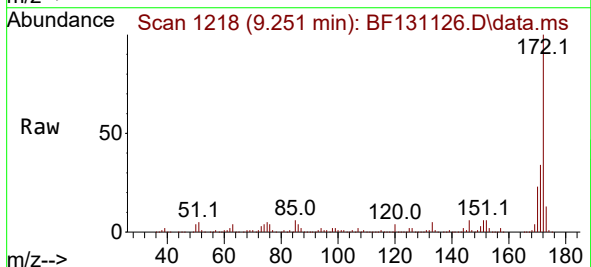


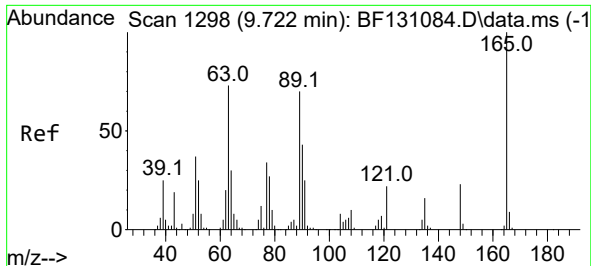
Tgt Ion:330 Resp: 211427
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 35.6 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 81.444 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

Tgt Ion:172 Resp: 882576
Ion Ratio Lower Upper
172 100
171 34.4 27.7 41.5
170 23.3 18.8 28.2

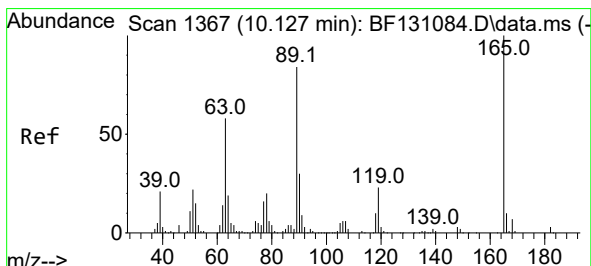
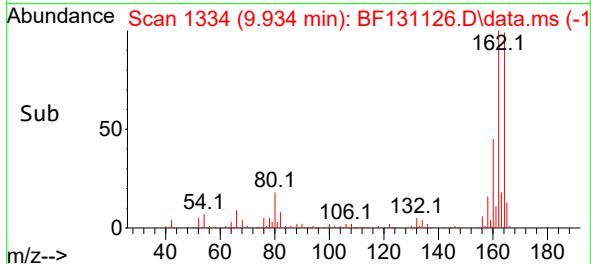
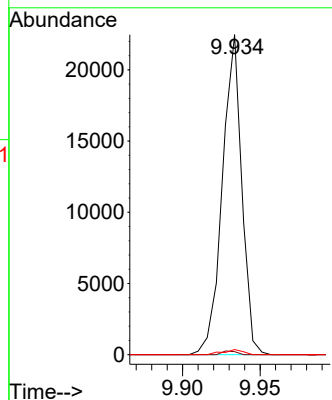
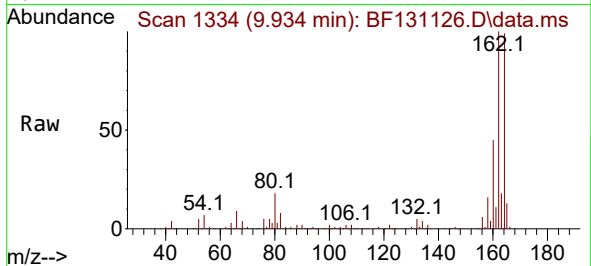




#51
2,6-Dinitrotoluene
Concen: 8.280 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

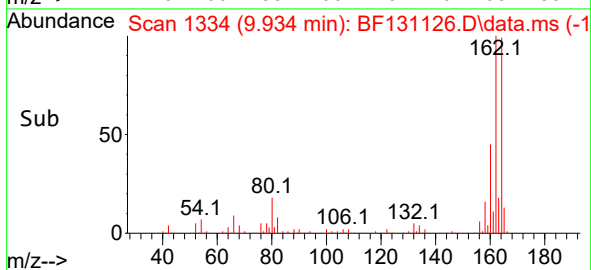
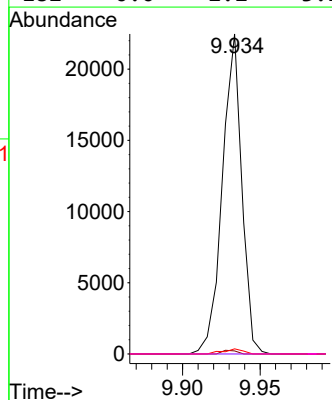
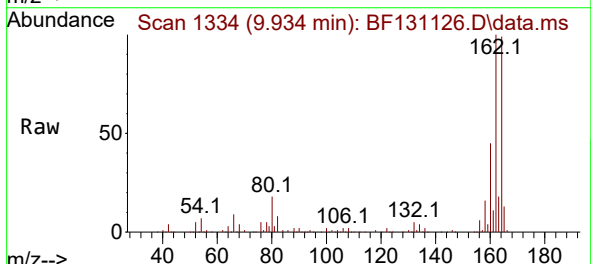
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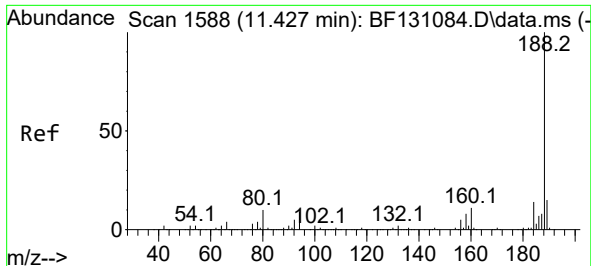
Tgt Ion:165 Resp: 19580
Ion Ratio Lower Upper
165 100
63 1.0 61.4 92.2#
89 1.6 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.228 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

Tgt Ion:165 Resp: 19580
Ion Ratio Lower Upper
165 100
63 1.0 46.9 70.3#
89 1.6 66.9 100.3#
182 0.0 2.2 3.2#

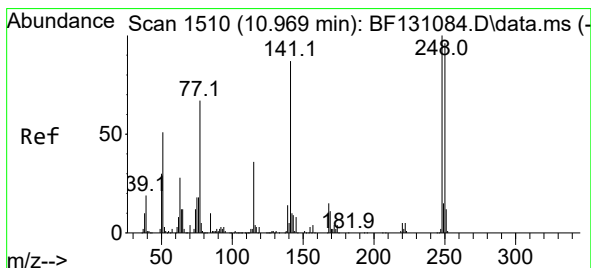
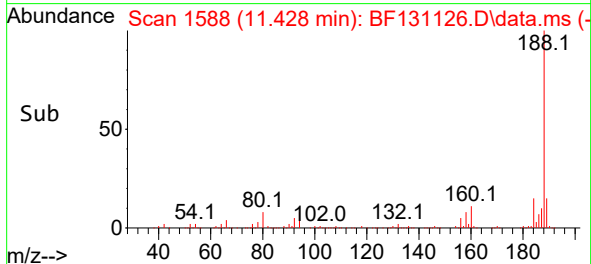
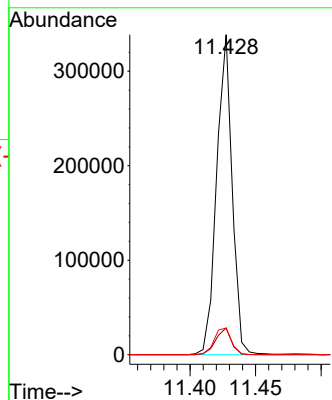
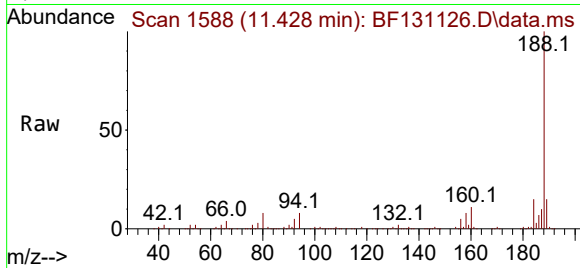




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

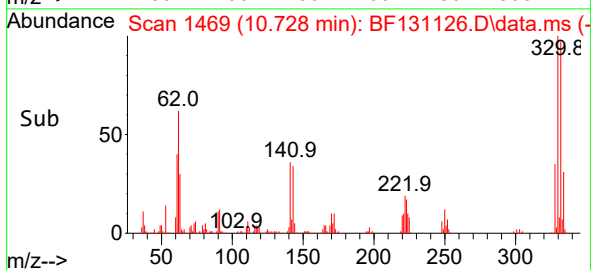
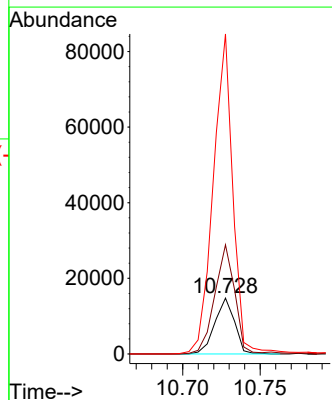
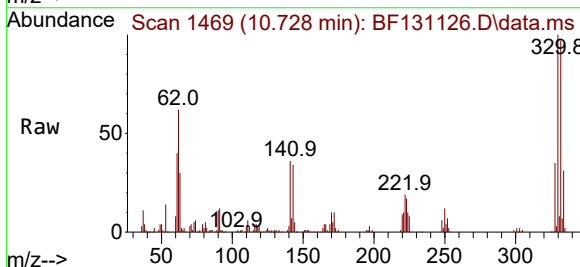
Instrument :
BNA_F
ClientSampleId :
PB148948BL

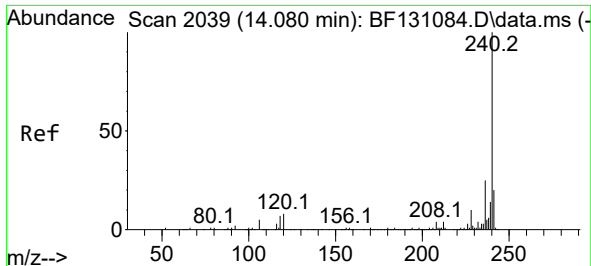
Tgt Ion:188 Resp: 278258
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.165 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

Tgt Ion:248 Resp: 13106
Ion Ratio Lower Upper
248 100
250 195.5 77.0 115.6#
141 573.4 69.7 104.5#

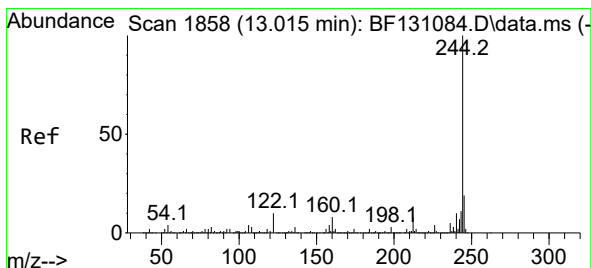
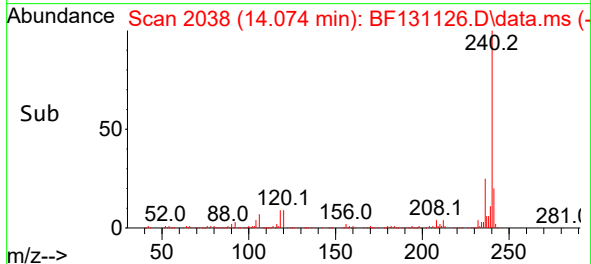
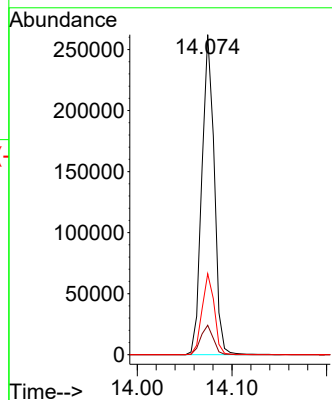
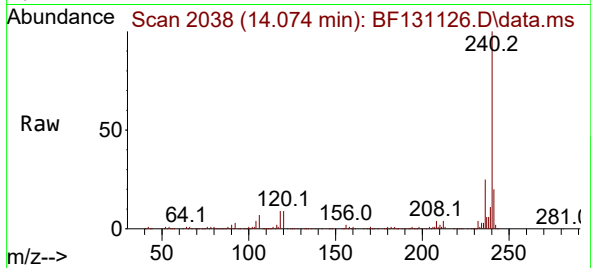




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

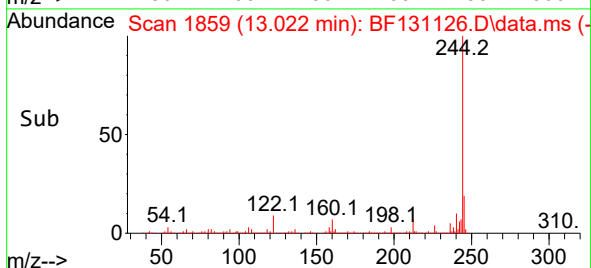
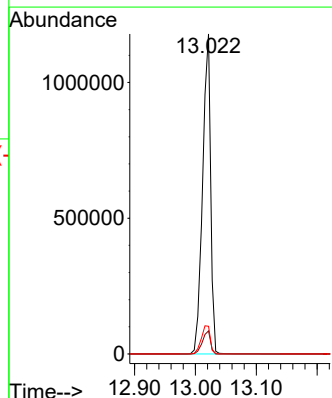
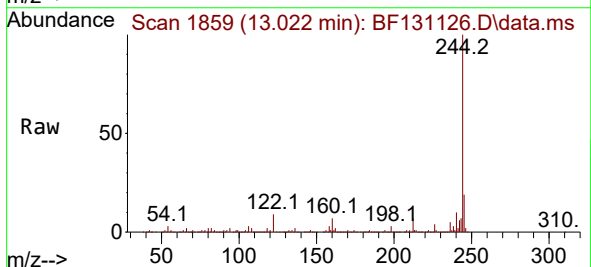
Instrument :
BNA_F
ClientSampleId :
PB148948BL

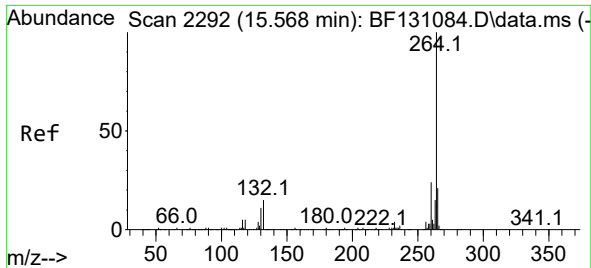
Tgt Ion:240 Resp: 237654
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 25.3 19.7 29.5



#79
Terphenyl-d14
Concen: 79.703 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.007 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

Tgt Ion:244 Resp: 1080339
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 8.7 7.8 11.8

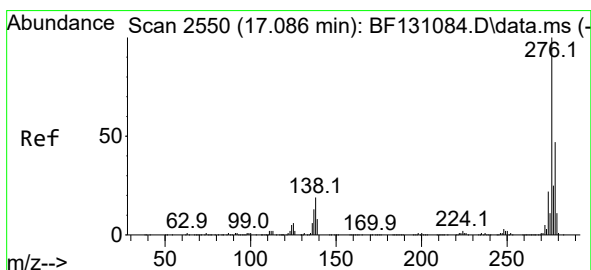
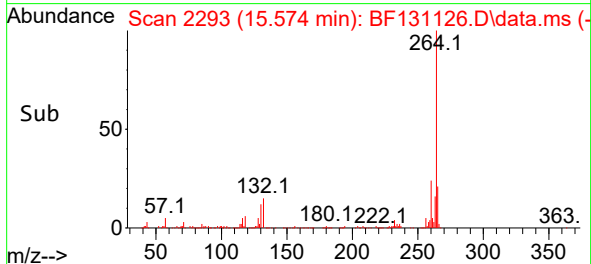
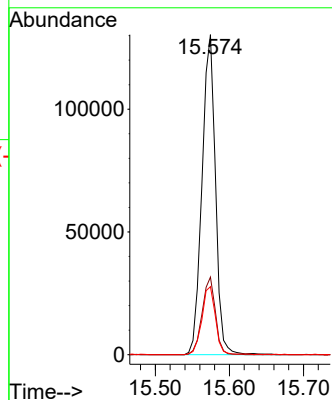
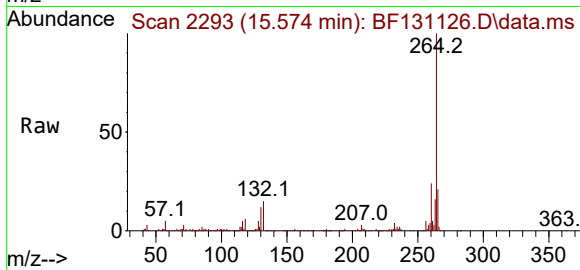




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131126.D
 Acq: 10 Nov 2022 16:51

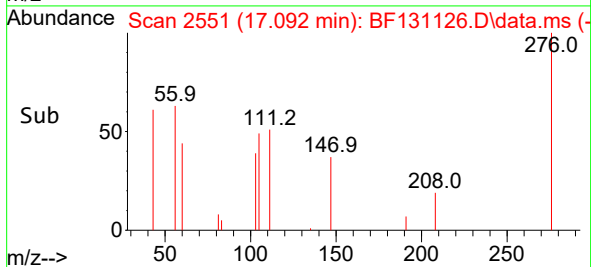
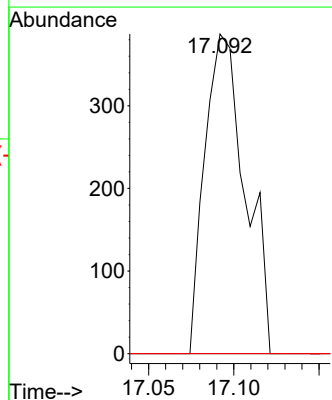
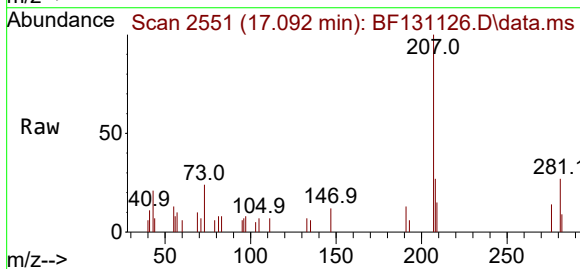
Instrument :
 BNA_F
 ClientSampleId :
 PB148948BL

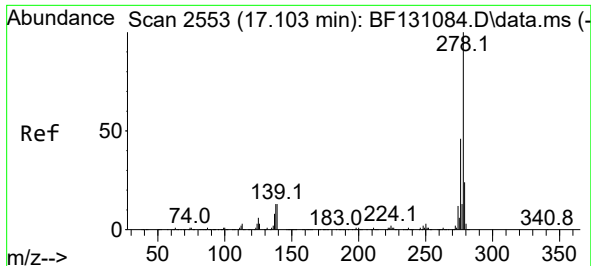
Tgt Ion:264 Resp: 165308
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 21.3 16.7 25.1



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.908 ng
 RT: 17.092 min Scan# 2551
 Delta R.T. 0.006 min
 Lab File: BF131126.D
 Acq: 10 Nov 2022 16:51

Tgt Ion:276 Resp: 641
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.9 25.3#
 277 0.0 20.3 30.5#

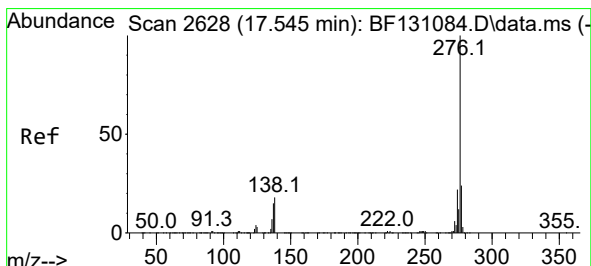
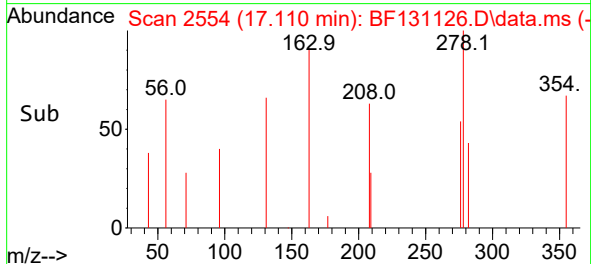
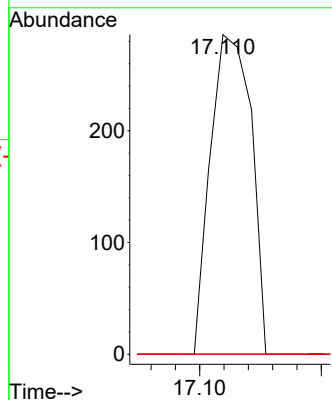
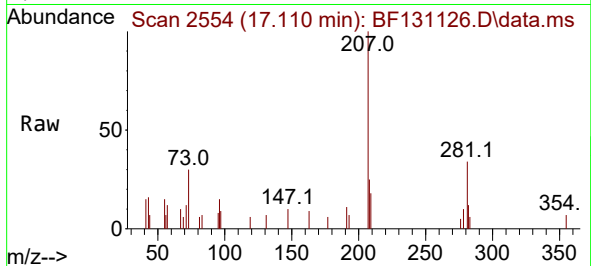




#91
Dibenzo(a,h)anthracene
Concen: 3.867 ng
RT: 17.110 min Scan# 21
Delta R.T. 0.007 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

Instrument :
BNA_F
ClientSampleId :
PB148948BL

Tgt Ion:278 Resp: 334
Ion Ratio Lower Upper
278 100
139 0.0 10.8 16.2#
279 0.0 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 4.409 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.000 min
Lab File: BF131126.D
Acq: 10 Nov 2022 16:51

Tgt Ion:276 Resp: 556
Ion Ratio Lower Upper
276 100
277 0.0 19.0 28.4#
138 0.0 14.6 21.8#

