

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131123.D
 Acq On : 10 Nov 2022 14:59
 Operator : CG\JU
 Sample : N5494-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19

Quant Time: Nov 11 00:48:37 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

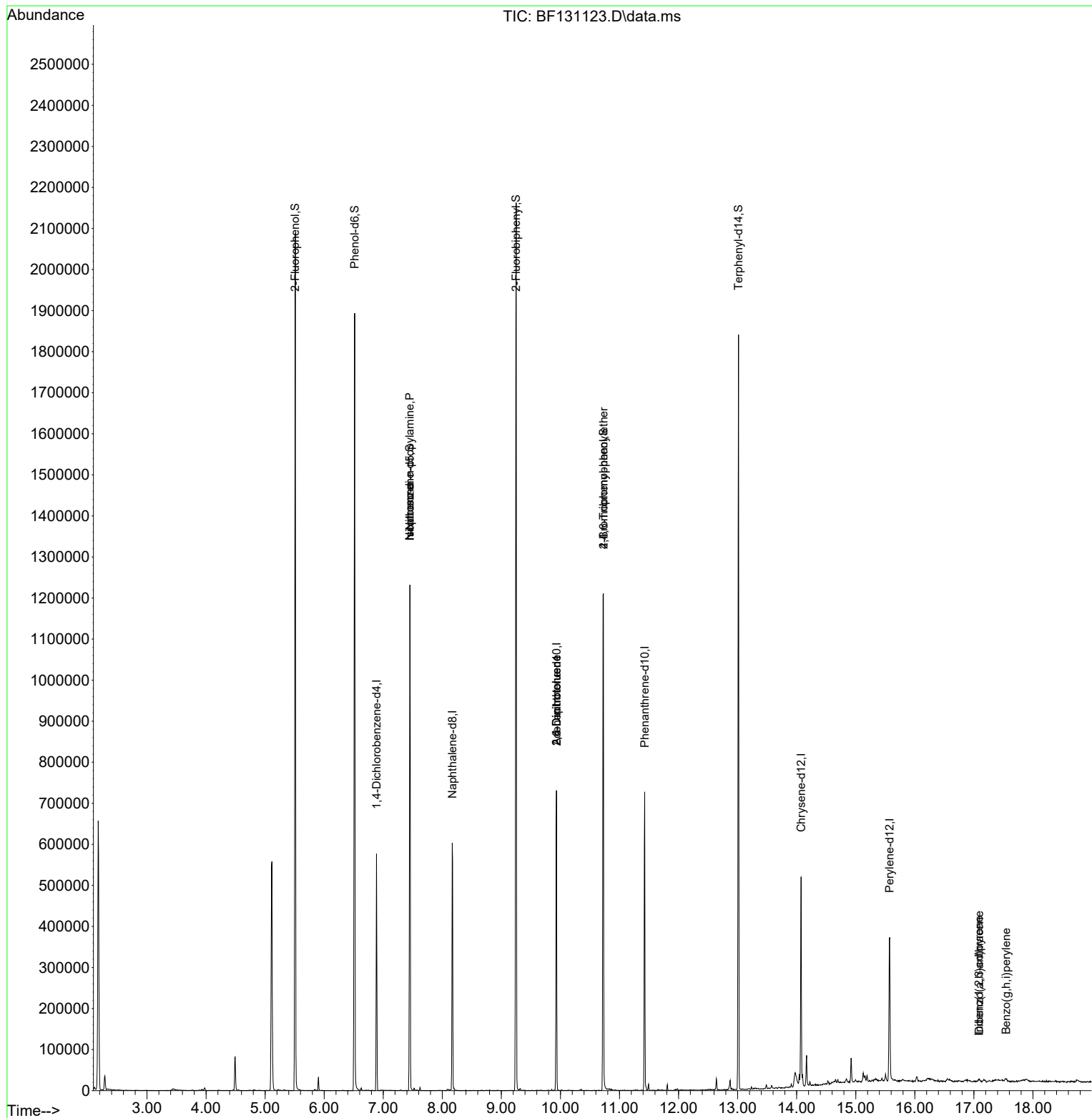
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	70692	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	270402	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	144867	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	254212	20.000	ng	0.00
76) Chrysene-d12	14.074	240	156978	20.000	ng	0.00
86) Perylene-d12	15.574	264	162496	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	493108	118.625	ng	0.00
7) Phenol-d6	6.516	99	580659	106.846	ng	0.00
23) Nitrobenzene-d5	7.451	82	384323	64.128	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	145258	97.022	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	676830	65.221	ng	0.00
79) Terphenyl-d14	13.016	244	581972	65.002	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	52844	14.810	ng	# 76
25) Isophorone	7.451	82	384315	41.473	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	18635	8.229	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	18635	6.190	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	9130	3.176	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.086	276	4099	4.148	ng	95
91) Dibenzo(a,h)anthracene	17.092	278	1329	3.952	ng	# 57
92) Benzo(g,h,i)perylene	17.545	276	4397	4.716	ng	# 86

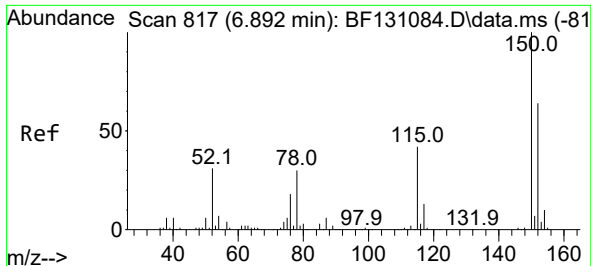
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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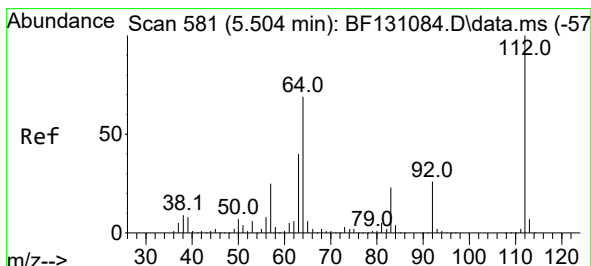
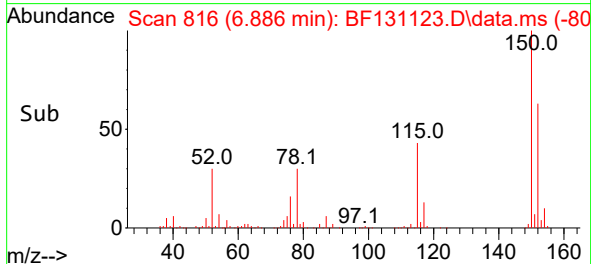
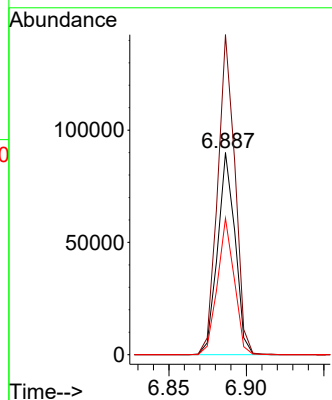
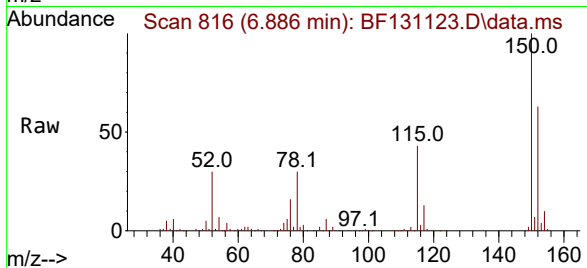




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

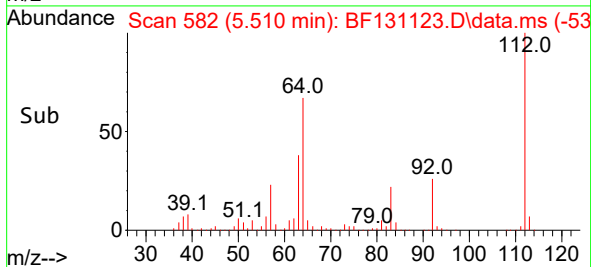
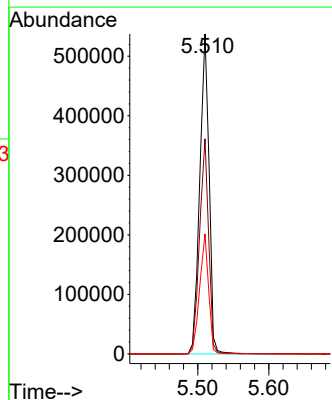
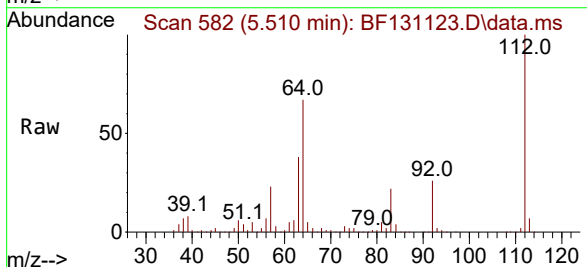
Instrument :
BNA_F
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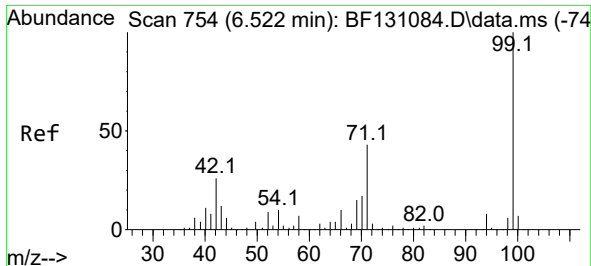
Tgt Ion:152 Resp: 70692
Ion Ratio Lower Upper
152 100
150 158.3 125.5 188.3
115 67.5 52.2 78.2



#5
2-Fluorophenol
Concen: 118.625 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Tgt Ion:112 Resp: 493108
Ion Ratio Lower Upper
112 100
64 67.2 55.1 82.7
63 37.5 32.4 48.6

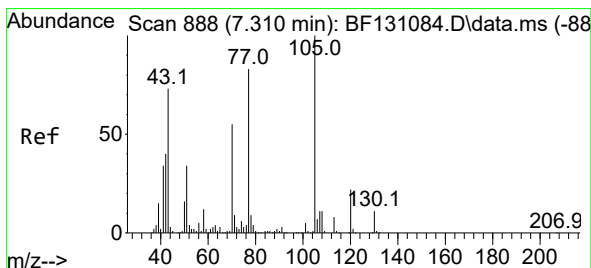
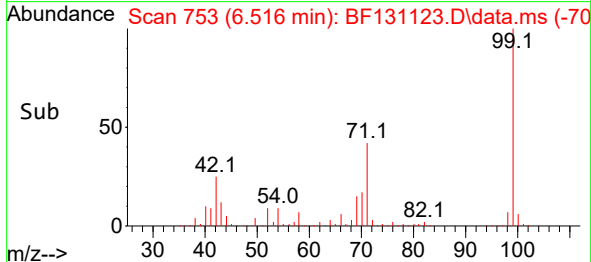
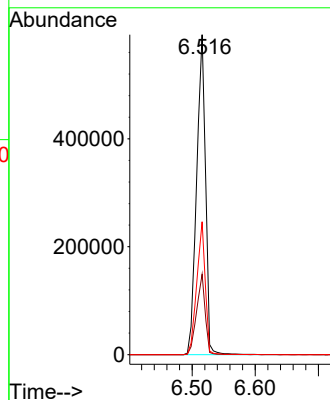
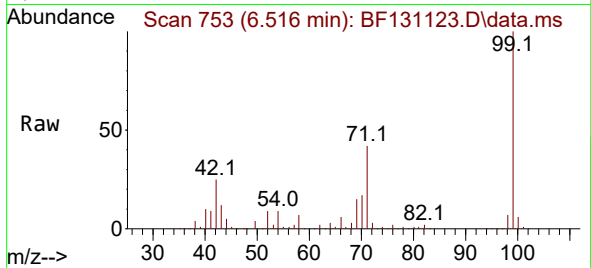




#7
Phenol-d6
Concen: 106.846 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

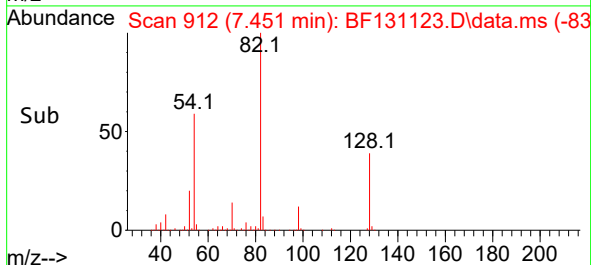
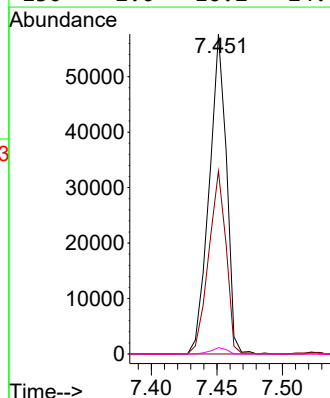
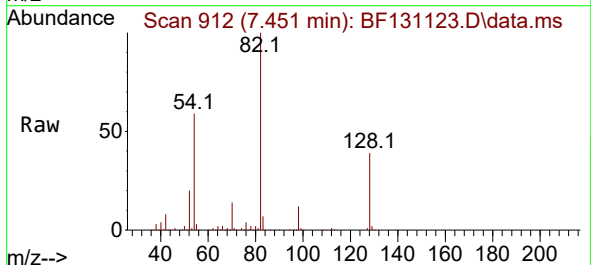
Instrument :
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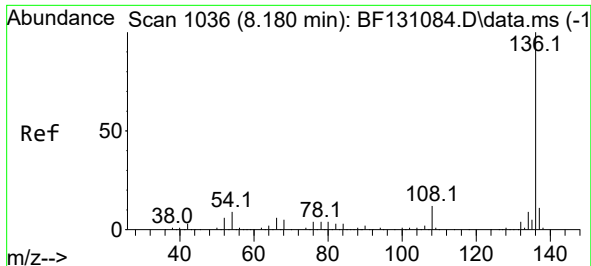
Tgt Ion: 99 Resp: 580659
Ion Ratio Lower Upper
99 100
42 25.2 20.8 31.2
71 41.6 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.810 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Tgt Ion: 70 Resp: 52844
Ion Ratio Lower Upper
70 100
42 57.1 58.3 87.5#
101 0.0 7.4 11.2#
130 2.0 16.2 24.4#

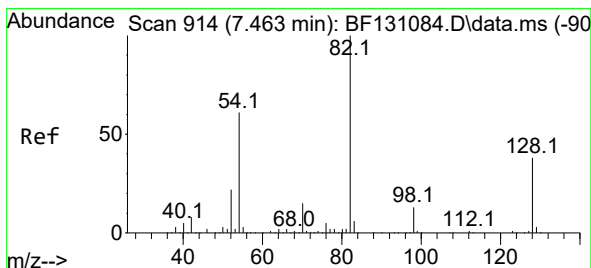
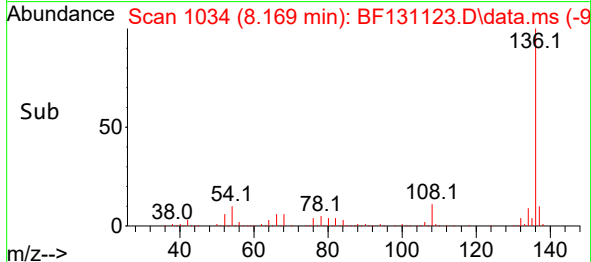
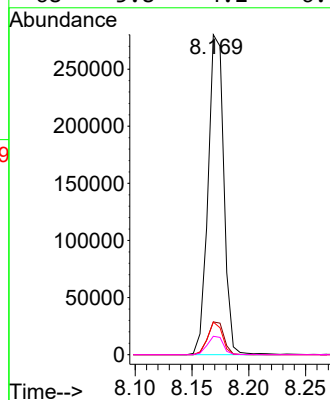
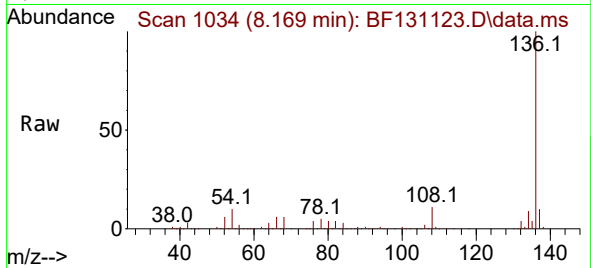




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

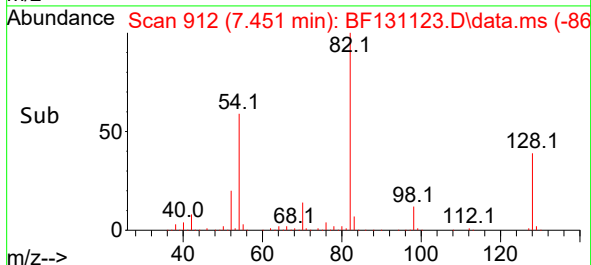
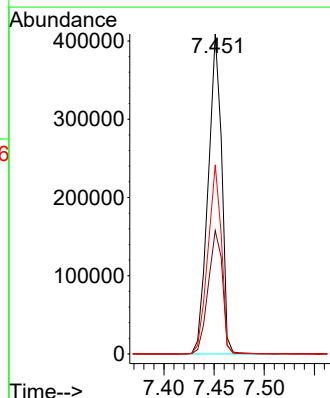
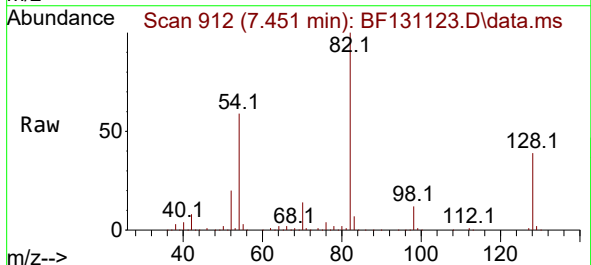
Instrument :
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ClientSampleId :
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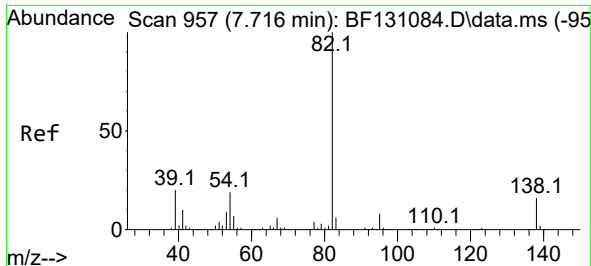
Tgt Ion:	136	Resp:	270402
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	12.8
54	10.2	7.2	10.8
68	5.8	4.2	6.4



#23
Nitrobenzene-d5
Concen: 64.128 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Tgt Ion:	82	Resp:	384323
Ion Ratio	Lower	Upper	
82	100		
128	38.6	30.5	45.7
54	59.1	49.1	73.7

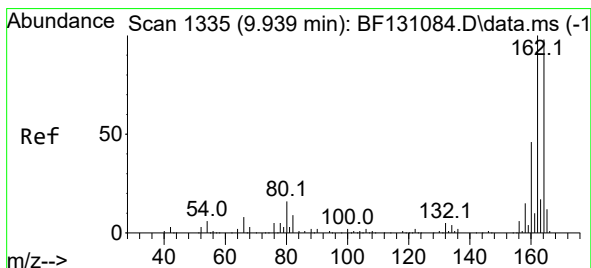
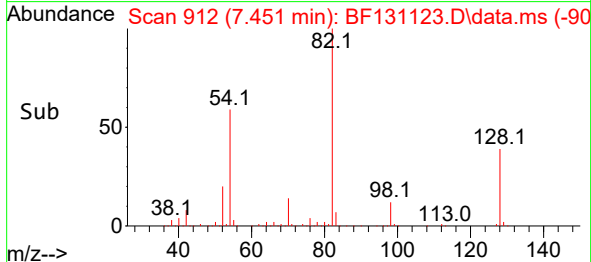
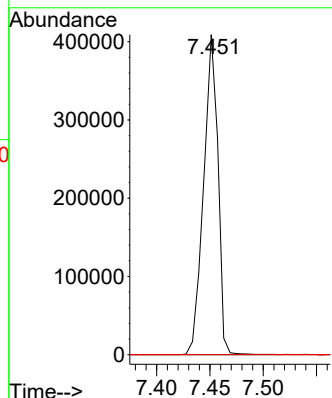
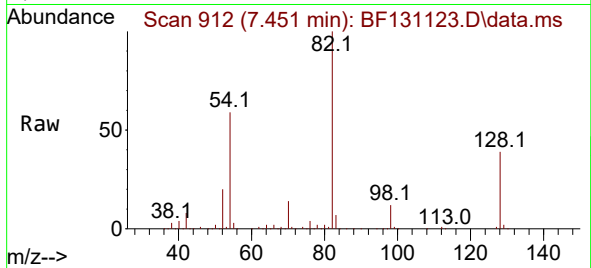




#25
Isophorone
Concen: 41.473 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

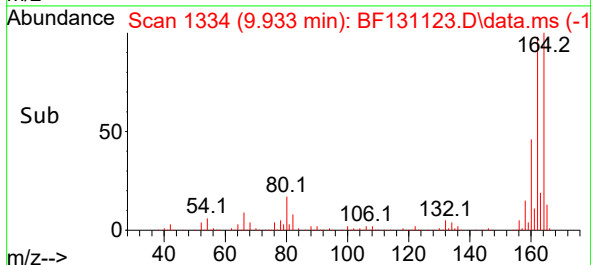
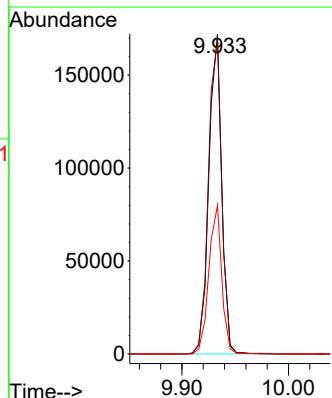
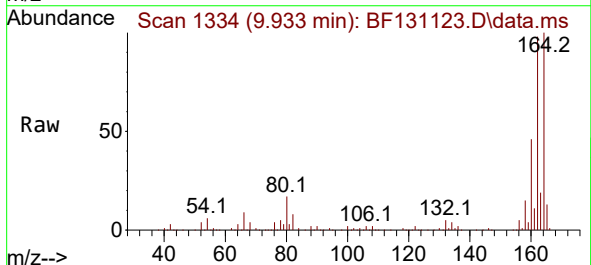
Instrument :
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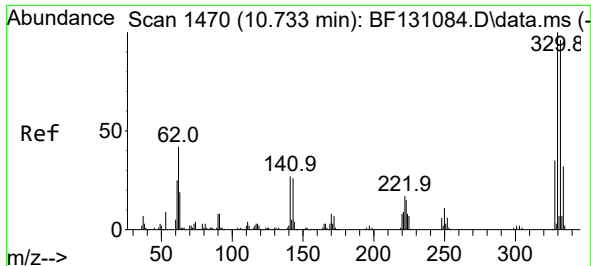
Tgt Ion: 82 Resp: 384315
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

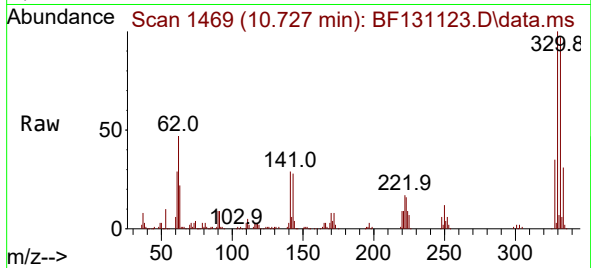
Tgt Ion: 164 Resp: 144867
Ion Ratio Lower Upper
164 100
162 98.0 81.7 122.5
160 46.5 37.4 56.2



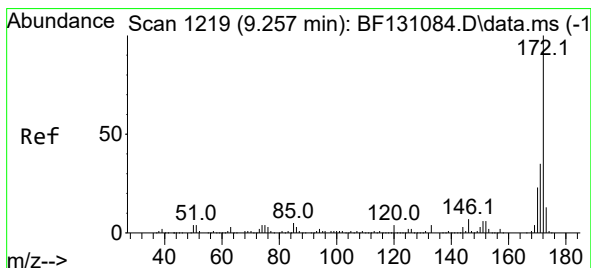
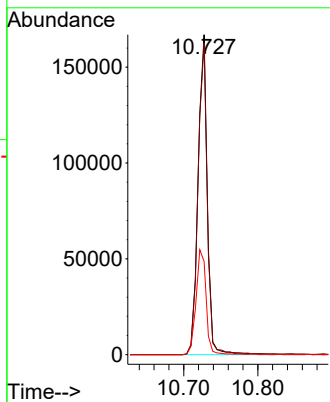
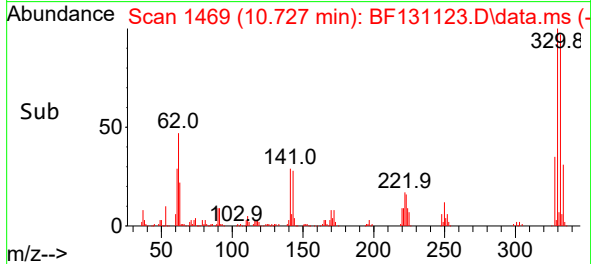


#42
2,4,6-Tribromophenol
Concen: 97.022 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

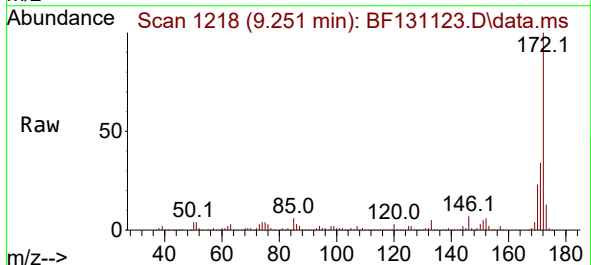
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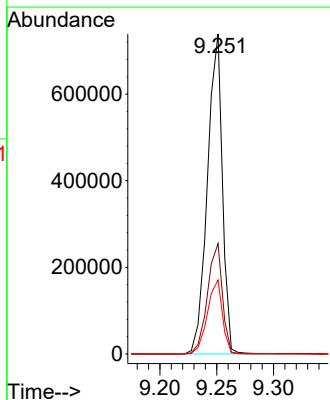
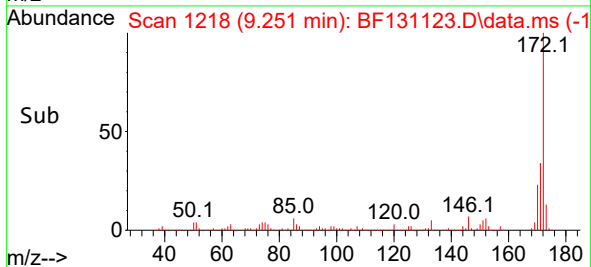
Tgt Ion:330 Resp: 145258
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 35.8 28.5 42.7

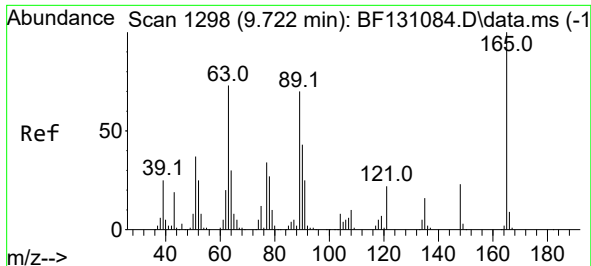


#45
2-Fluorobiphenyl
Concen: 65.221 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59



Tgt Ion:172 Resp: 676830
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 23.2 18.8 28.2

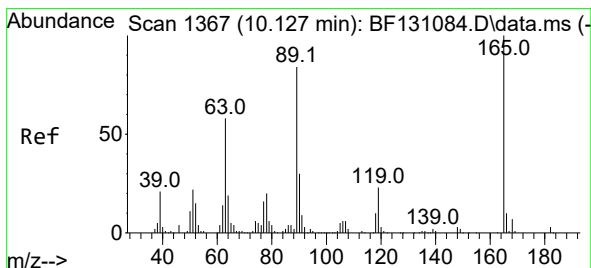
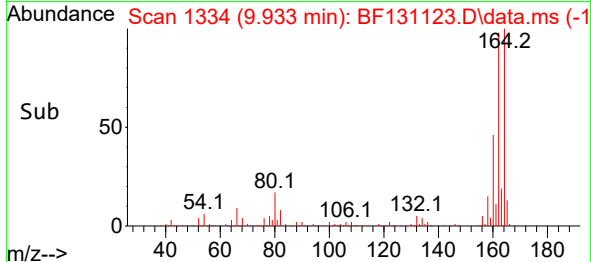
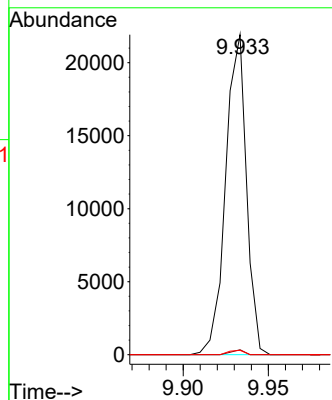
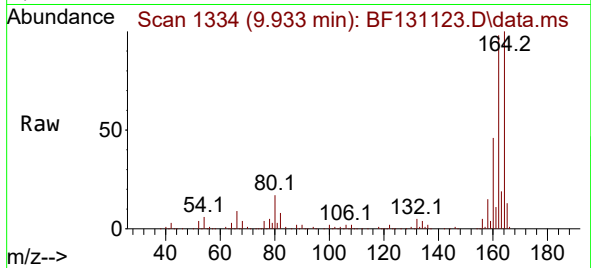




#51
2,6-Dinitrotoluene
Concen: 8.229 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

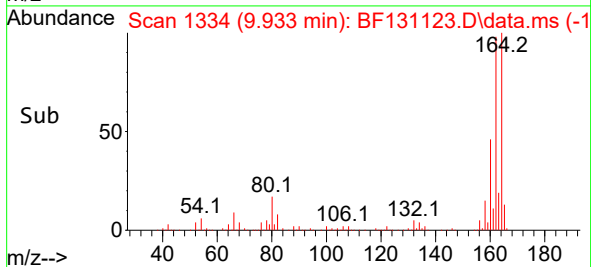
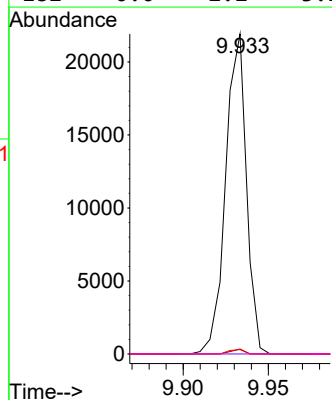
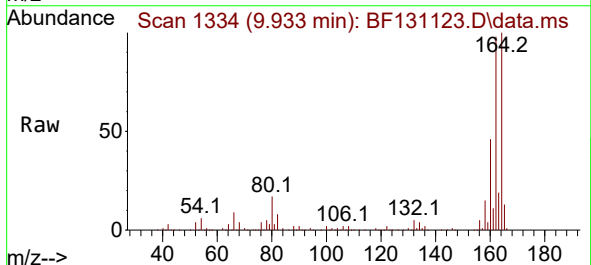
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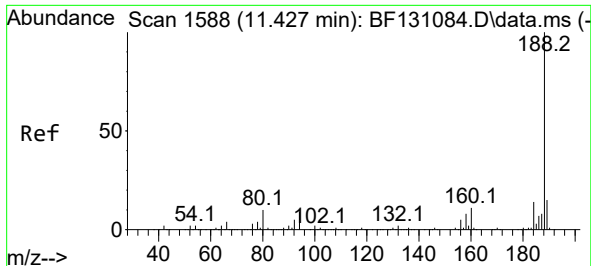
Tgt Ion:165 Resp: 18635
Ion Ratio Lower Upper
165 100
63 1.5 61.4 92.2#
89 1.4 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.190 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Tgt Ion:165 Resp: 18635
Ion Ratio Lower Upper
165 100
63 1.5 46.9 70.3#
89 1.4 66.9 100.3#
182 0.0 2.2 3.2#

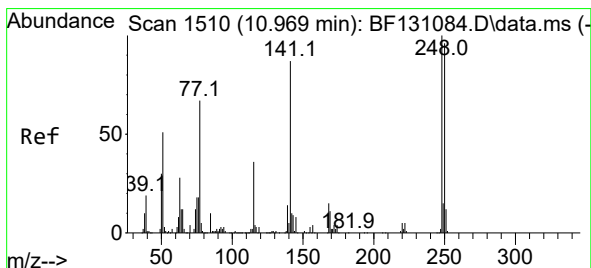
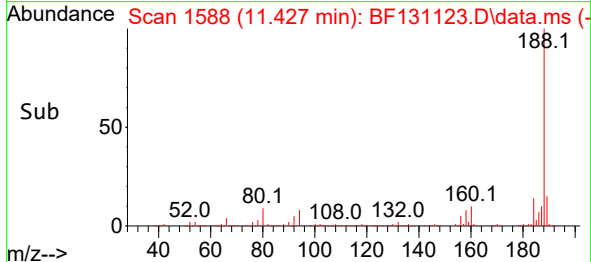
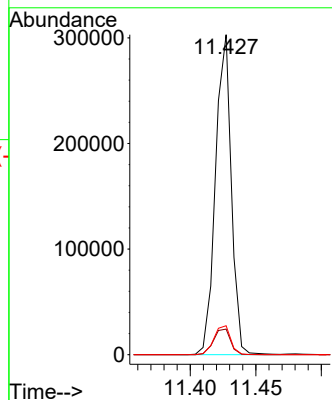
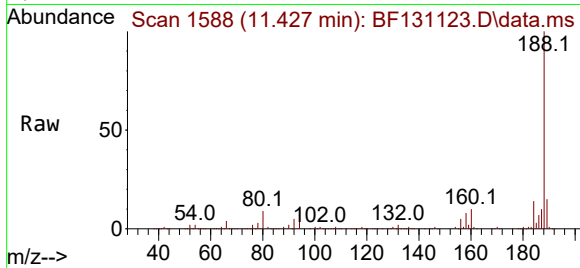




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

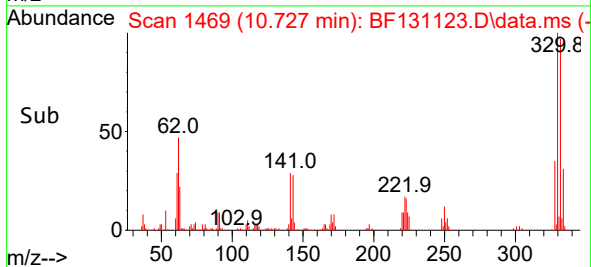
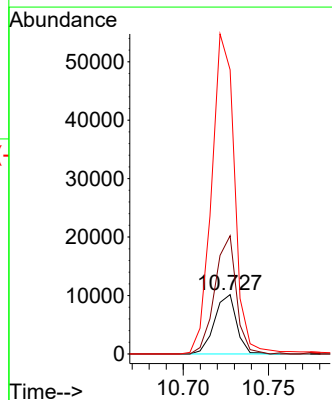
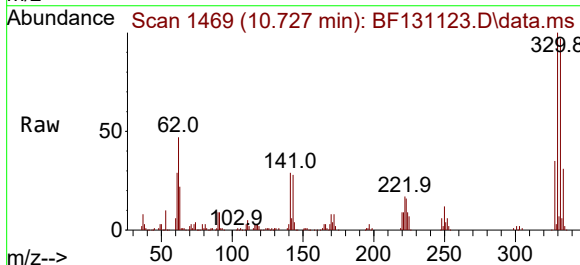
Instrument :
BNA_F
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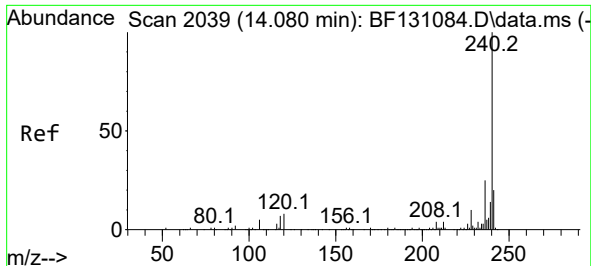
Tgt Ion:188 Resp: 254212
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 9.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.176 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Tgt Ion:248 Resp: 9130
Ion Ratio Lower Upper
248 100
250 199.1 77.0 115.6#
141 478.6 69.7 104.5#

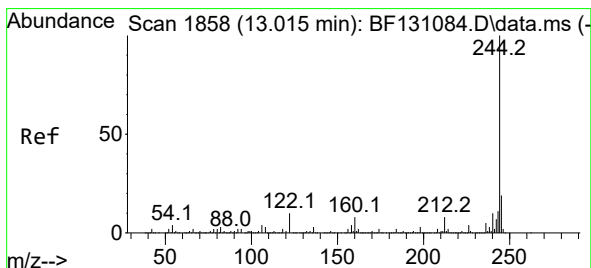
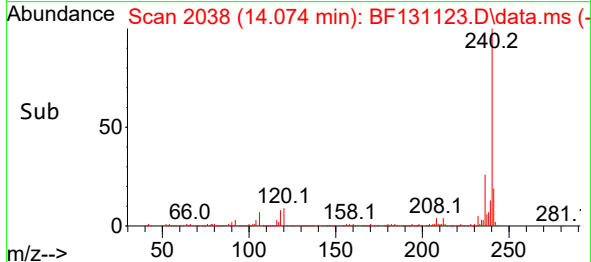
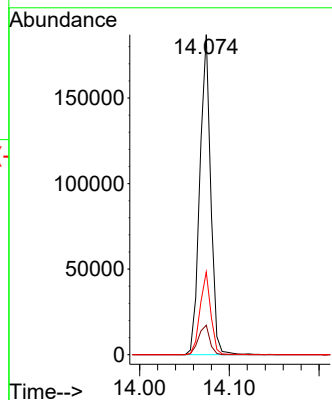
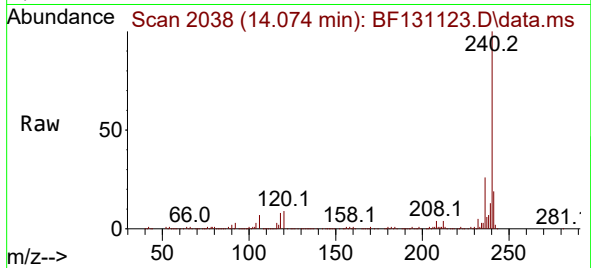




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

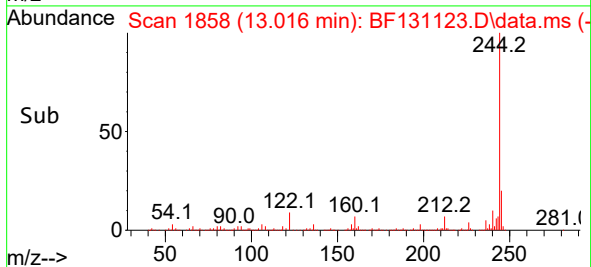
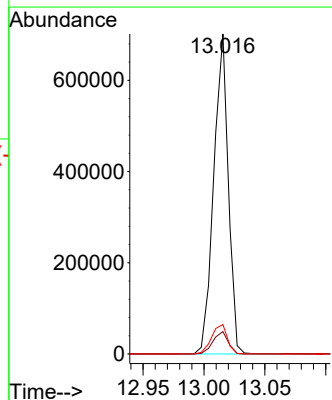
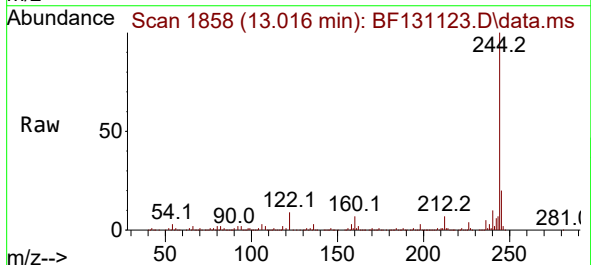
Instrument :
BNA_F
ClientSampleId :
SB-19

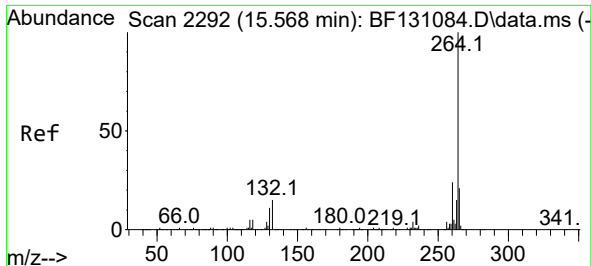
Tgt Ion:240 Resp: 156978
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 25.8 19.7 29.5



#79
Terphenyl-d14
Concen: 65.002 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.001 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Tgt Ion:244 Resp: 581972
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.2
122 9.2 7.8 11.8

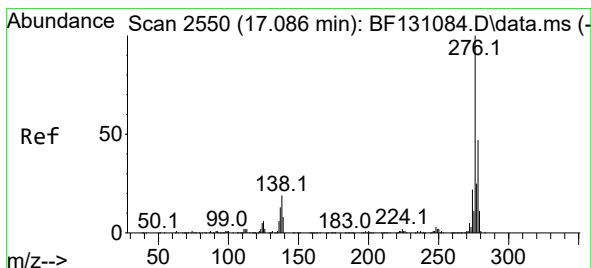
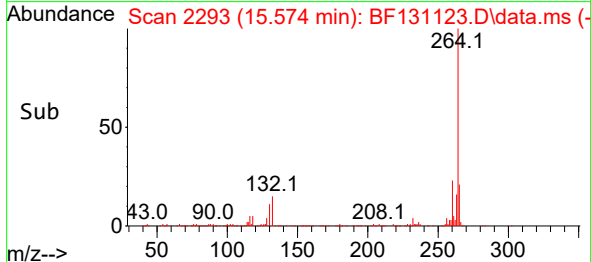
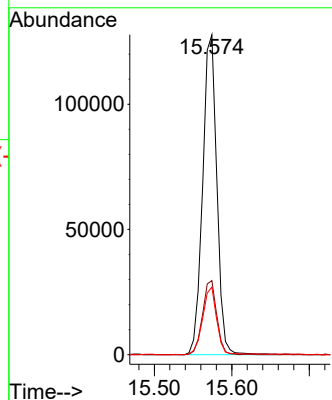
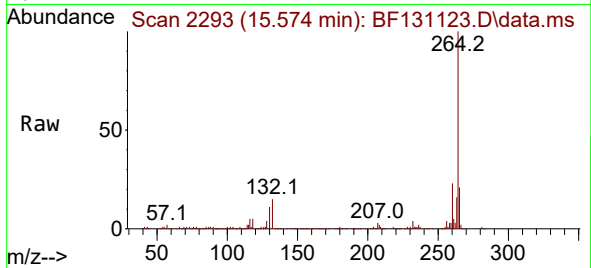




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

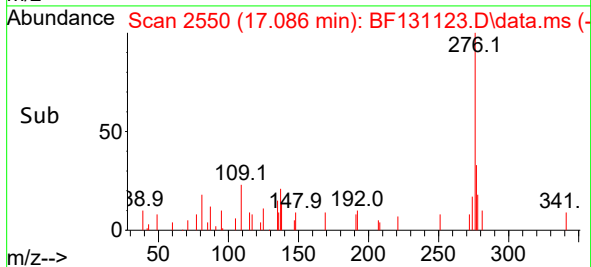
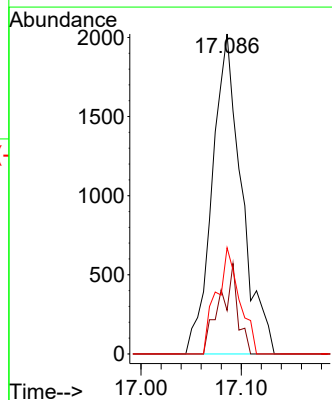
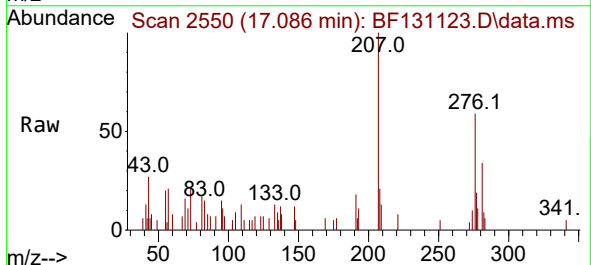
Instrument :
BNA_F
ClientSampleId :
SB-19

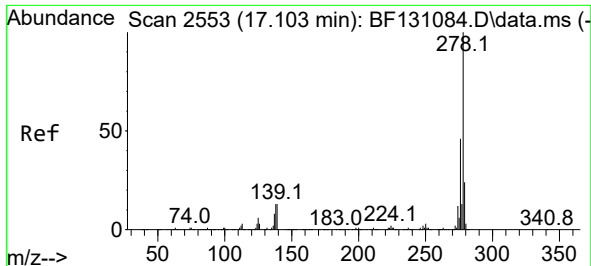
Tgt Ion:264 Resp: 162496
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.1 16.7 25.1



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.148 ng
RT: 17.086 min Scan# 2550
Delta R.T. -0.000 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Tgt Ion:276 Resp: 4099
Ion Ratio Lower Upper
276 100
138 17.2 16.9 25.3
277 26.2 20.3 30.5

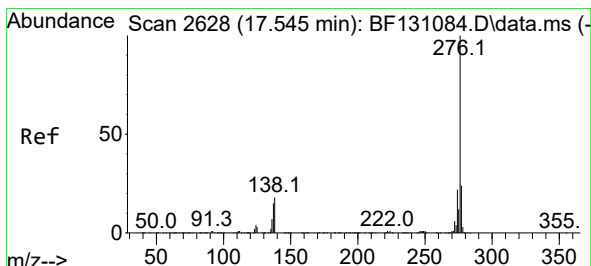
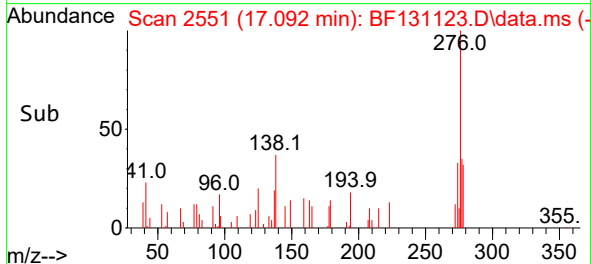
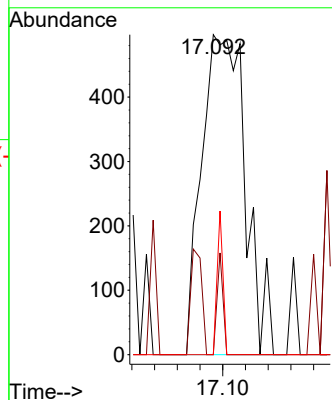
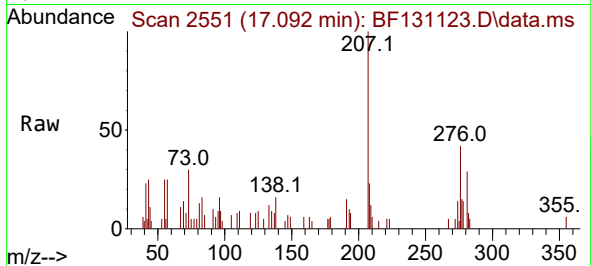




#91
Dibenzo(a,h)anthracene
Concen: 3.952 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Instrument :
BNA_F
ClientSampleId :
SB-19

Tgt Ion:278 Resp: 1329
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: 4.716 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.000 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Tgt Ion:276 Resp: 4397
Ion Ratio Lower Upper
276 100
277 26.6 19.0 28.4
138 29.2 14.6 21.8#

