

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131127.D
 Acq On : 10 Nov 2022 17:27
 Operator : CG\JU
 Sample : N5494-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23

Quant Time: Nov 11 00:49:45 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)

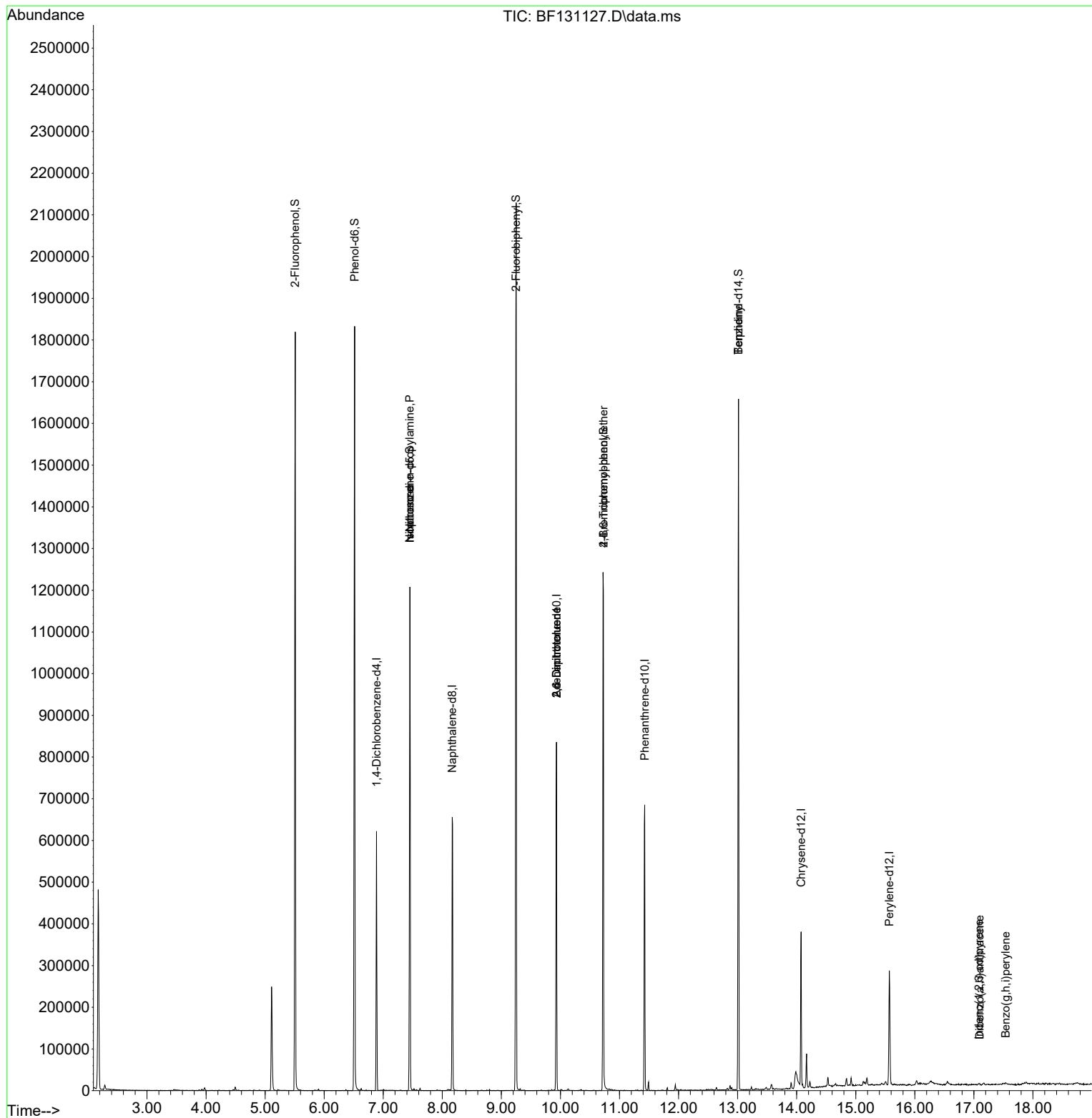
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	76605	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	296865	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	160301	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	251572	20.000	ng	0.00
76) Chrysene-d12	14.074	240	122116	20.000	ng	0.00
86) Perylene-d12	15.568	264	123305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	428539	95.135	ng	0.00
7) Phenol-d6	6.516	99	545648	92.654	ng	0.00
23) Nitrobenzene-d5	7.451	82	369827	56.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	146382	88.359	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	650760	56.671	ng	0.00
79) Terphenyl-d14	13.015	244	532186	76.410	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	50796	13.137	ng	# 75
25) Isophorone	7.451	82	369820	36.351	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	20717	8.267	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	20717	6.219	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	9409	3.308	ng	# 1
77) Benzidine	13.015	184	7716	2.142	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	2258	4.071	ng	96
91) Dibenzo(a,h)anthracene	17.098	278	1044	3.956	ng	# 76
92) Benzo(g,h,i)perylene	17.539	276	2326	4.610	ng	94

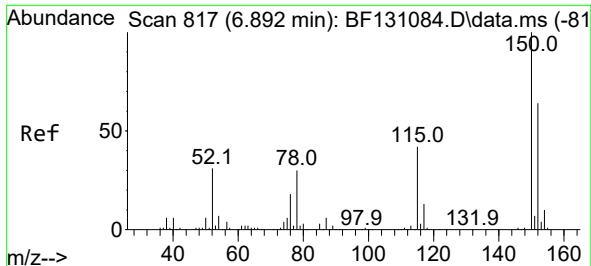
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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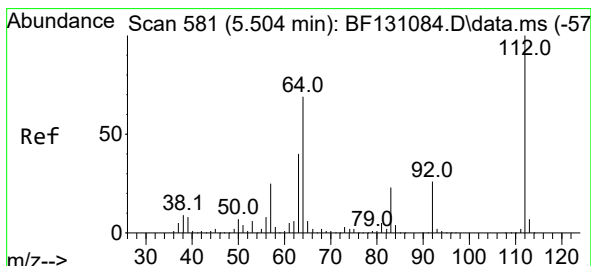
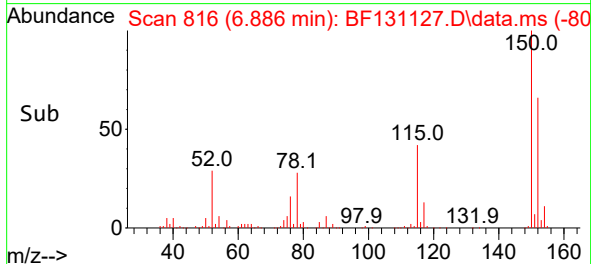
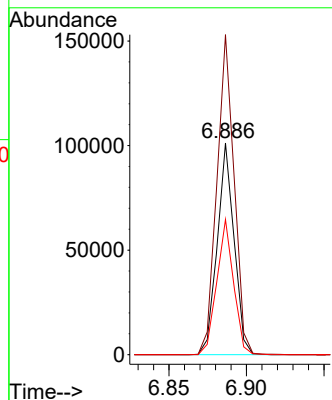
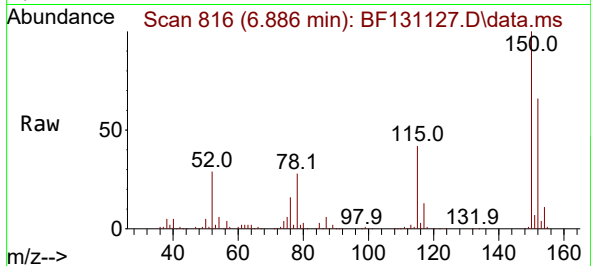




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

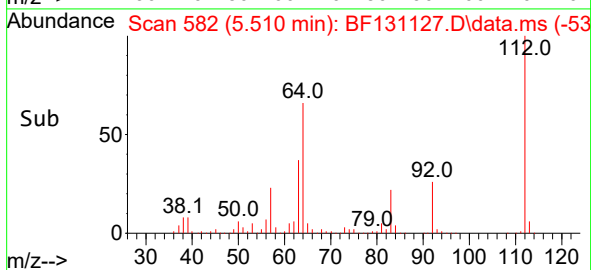
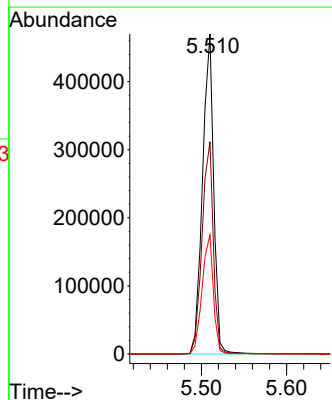
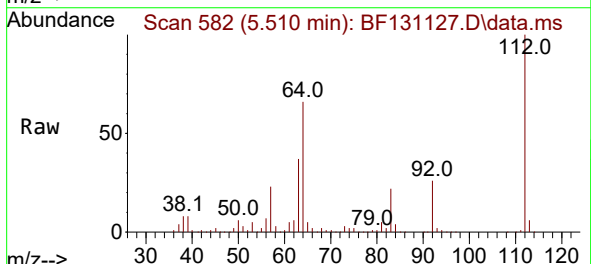
Instrument :
BNA_F
ClientSampleId :
SB-23

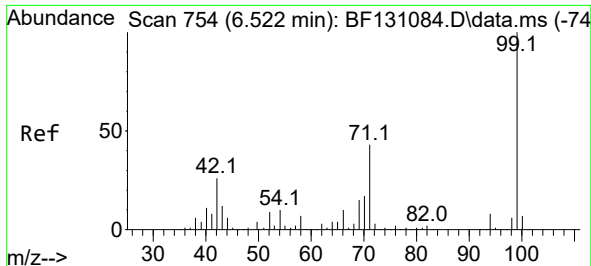
Tgt Ion:152 Resp: 76605
Ion Ratio Lower Upper
152 100
150 151.2 125.5 188.3
115 63.9 52.2 78.2



#5
2-Fluorophenol
Concen: 95.135 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

Tgt Ion:112 Resp: 428539
Ion Ratio Lower Upper
112 100
64 66.3 55.1 82.7
63 37.2 32.4 48.6

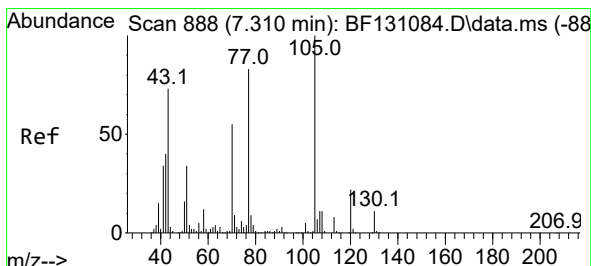
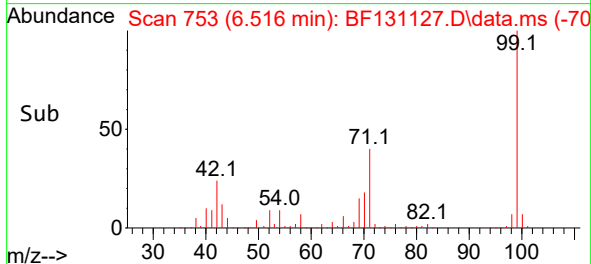
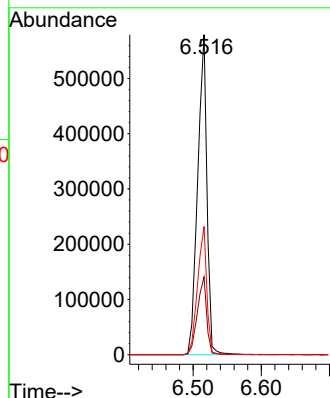
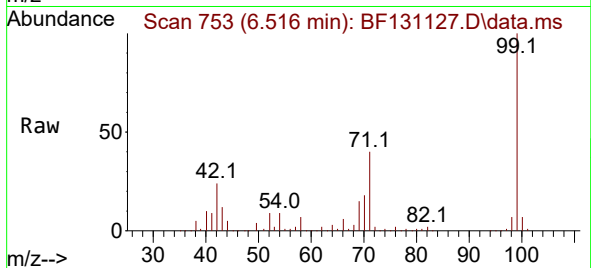




#7
Phenol-d6
Concen: 92.654 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

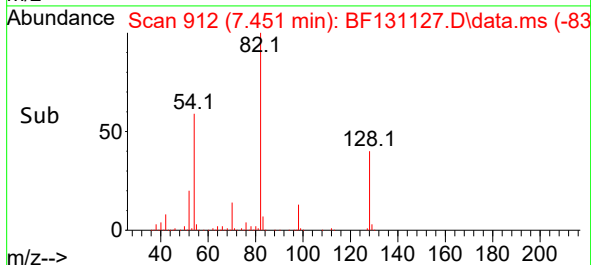
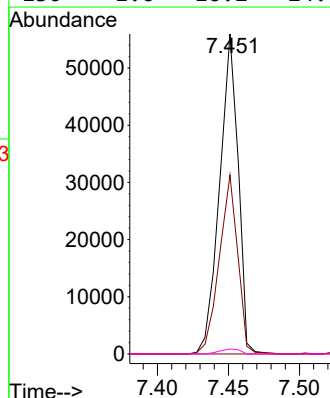
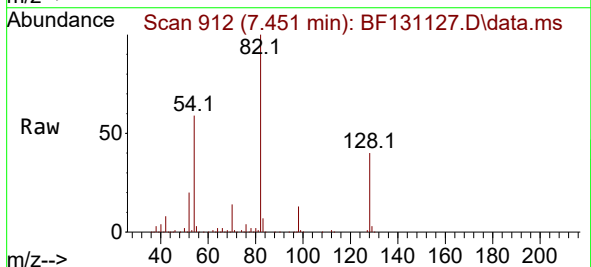
Instrument :
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ClientSampleId :
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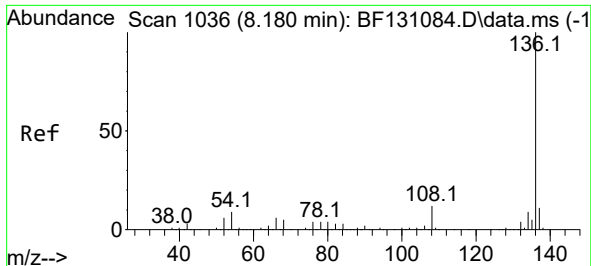
Tgt Ion: 99 Resp: 545648
Ion Ratio Lower Upper
99 100
42 24.3 20.8 31.2
71 40.1 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.137 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 70 Resp: 50796
Ion Ratio Lower Upper
70 100
42 55.9 58.3 87.5#
101 0.0 7.4 11.2#
130 1.6 16.2 24.4#

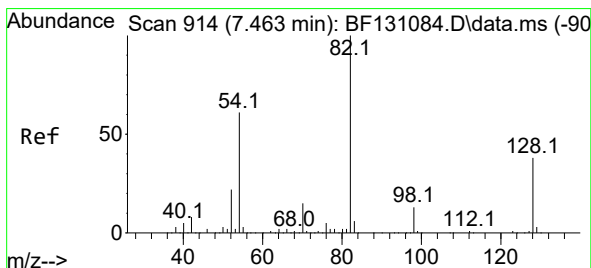
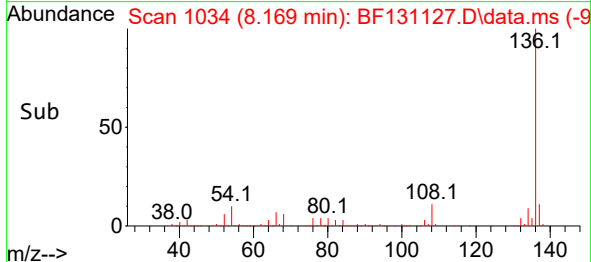
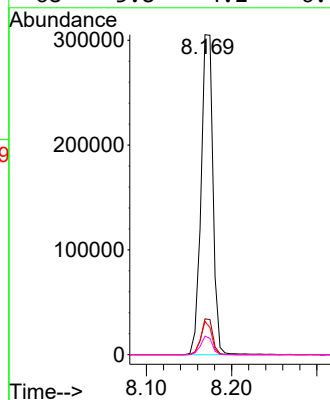
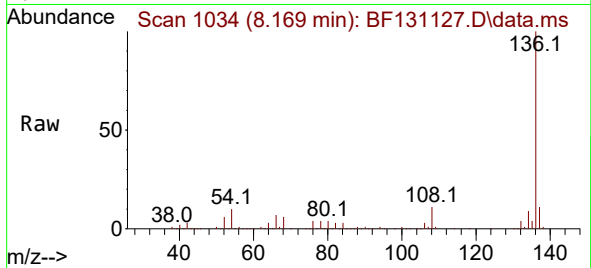




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

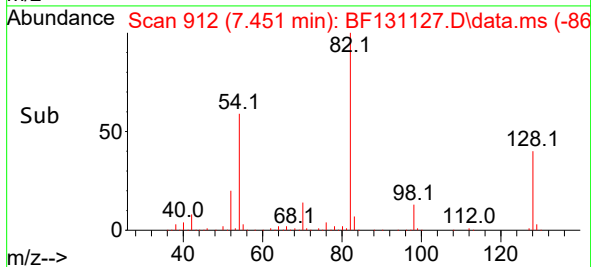
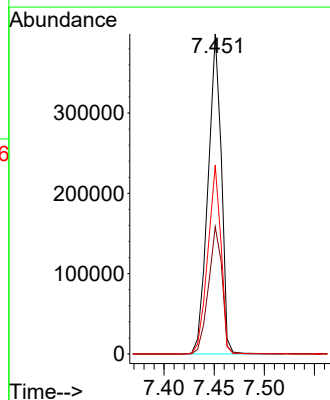
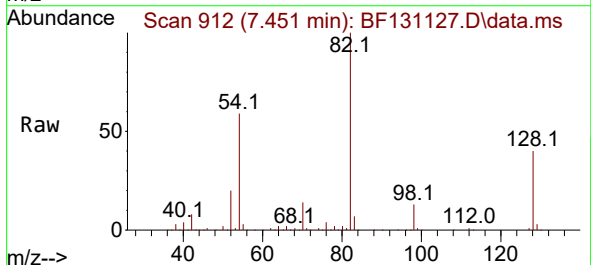
Instrument :
BNA_F
ClientSampleId :
SB-23

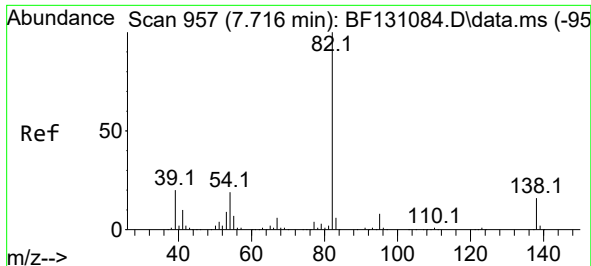
Tgt Ion:136	Resp: 296865
Ion Ratio	Lower Upper
136	100
137	11.2 8.6 12.8
54	10.4 7.2 10.8
68	5.8 4.2 6.4



#23
Nitrobenzene-d5
Concen: 56.208 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 82	Resp: 369827
Ion Ratio	Lower Upper
82	100
128	39.7 30.5 45.7
54	59.0 49.1 73.7

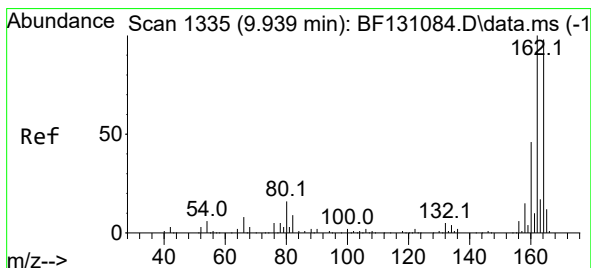
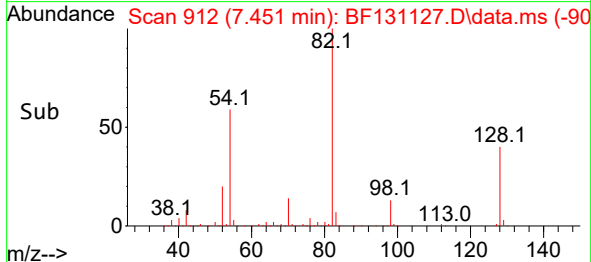
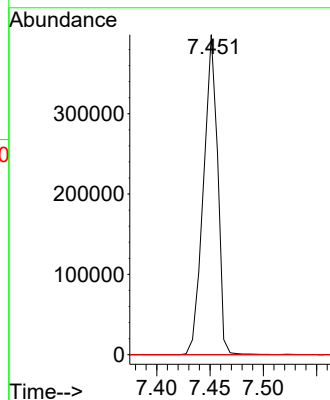
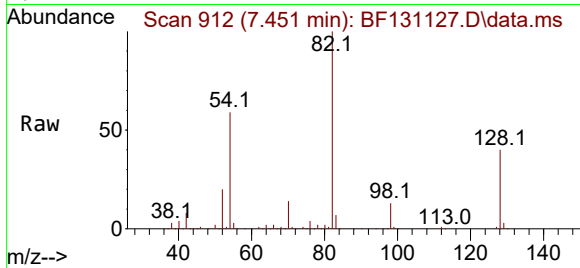




#25
Isophorone
Concen: 36.351 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

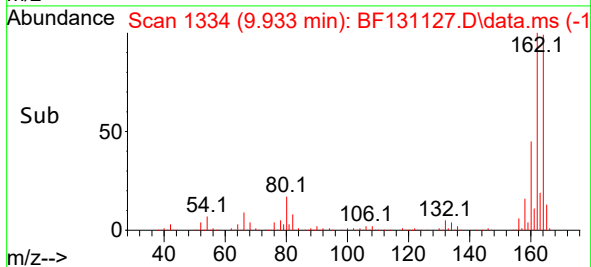
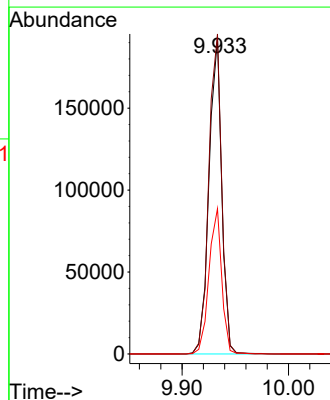
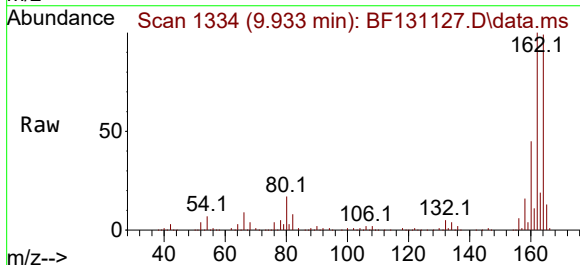
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ClientSampleId :
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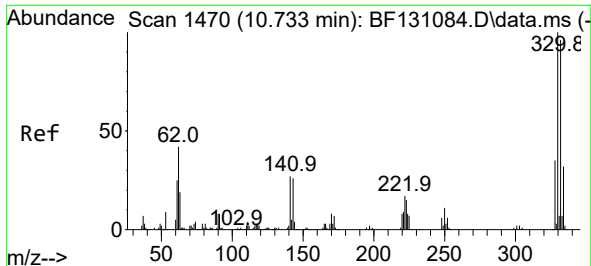
Tgt Ion: 82 Resp: 369820
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

Tgt Ion:164 Resp: 160301
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 46.0 37.4 56.2

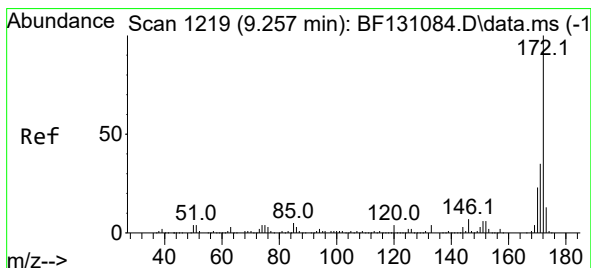
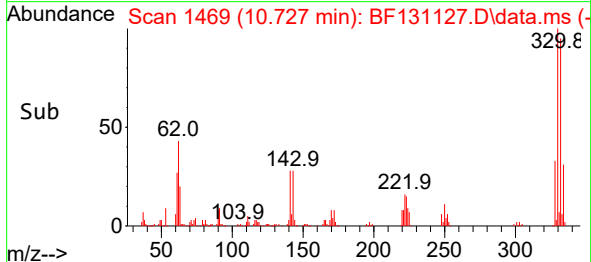
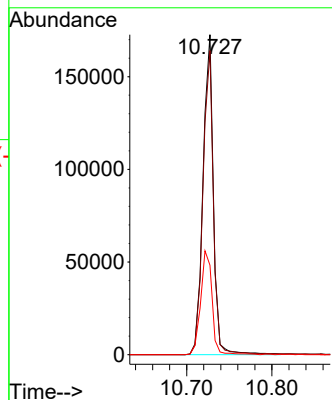
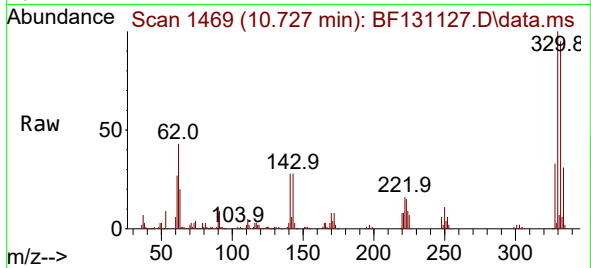




#42
 2,4,6-Tribromophenol
 Concen: 88.359 ng
 RT: 10.727 min Scan# 1469
 Delta R.T. -0.006 min
 Lab File: BF131127.D
 Acq: 10 Nov 2022 17:27

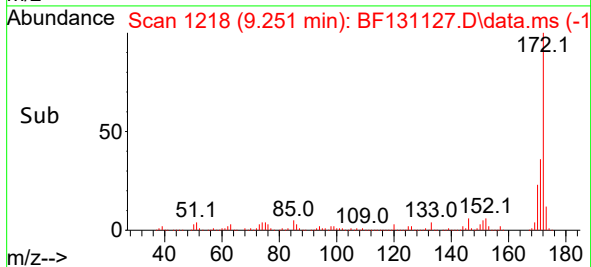
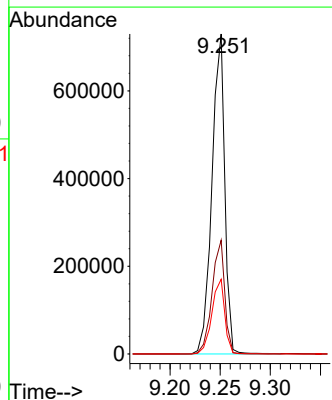
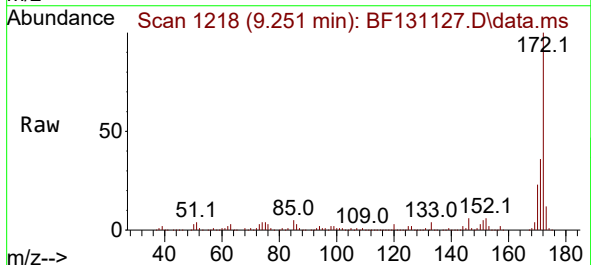
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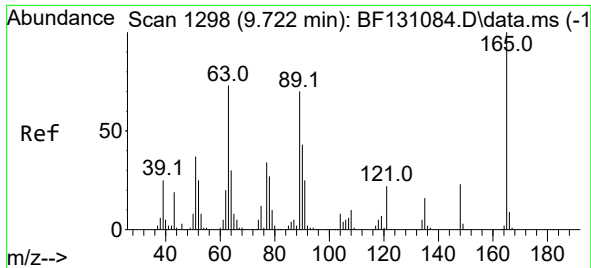
Tgt Ion:330 Resp: 146382
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.4
 141 35.5 28.5 42.7



#45
 2-Fluorobiphenyl
 Concen: 56.671 ng
 RT: 9.251 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BF131127.D
 Acq: 10 Nov 2022 17:27

Tgt Ion:172 Resp: 650760
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.7 41.5
 170 23.4 18.8 28.2

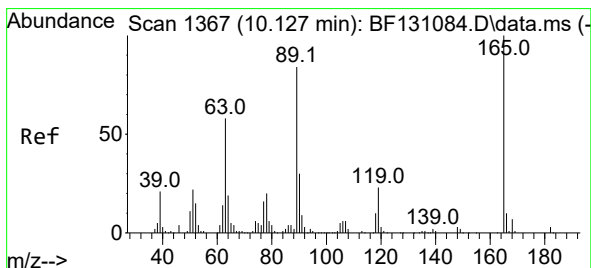
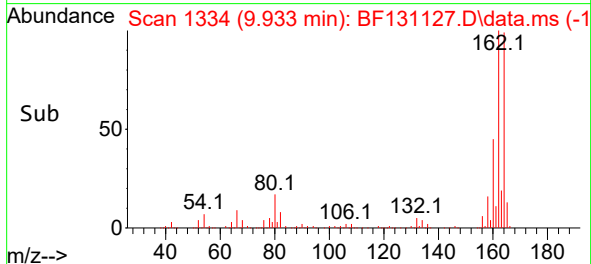
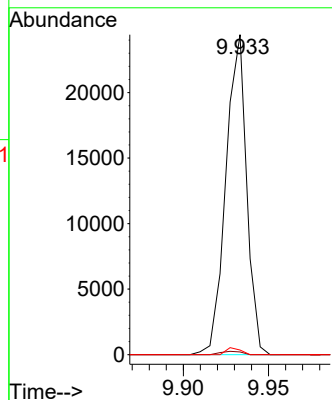
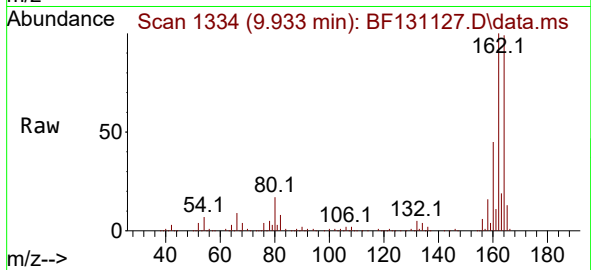




#51
2,6-Dinitrotoluene
Concen: 8.267 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

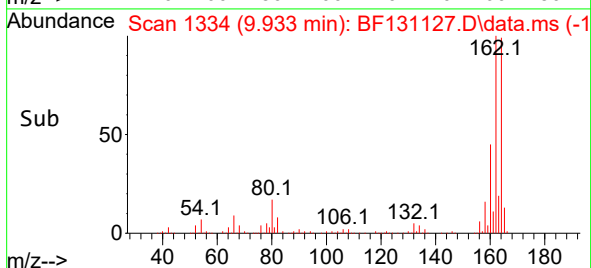
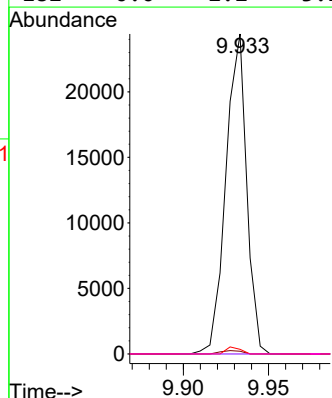
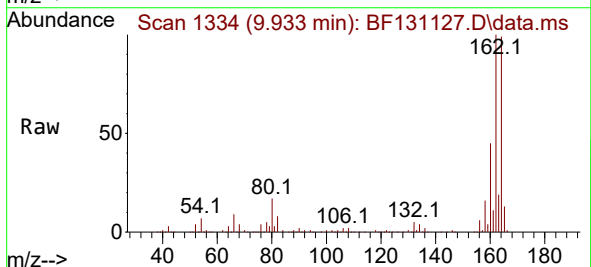
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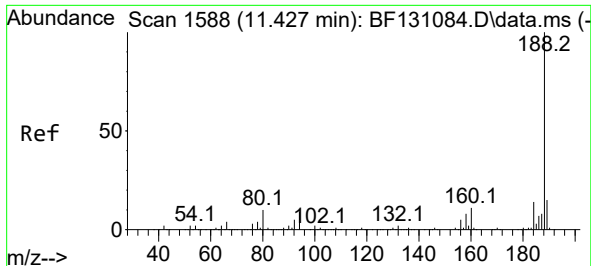
Tgt Ion:165 Resp: 20717
Ion Ratio Lower Upper
165 100
63 0.9 61.4 92.2#
89 1.5 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.219 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

Tgt Ion:165 Resp: 20717
Ion Ratio Lower Upper
165 100
63 0.9 46.9 70.3#
89 1.5 66.9 100.3#
182 0.0 2.2 3.2#

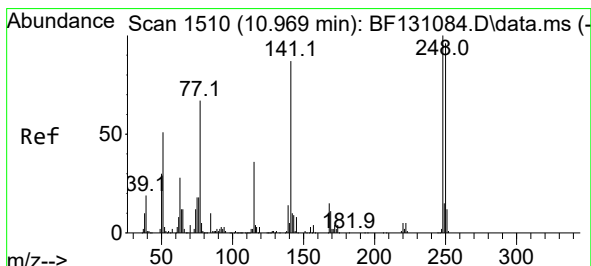
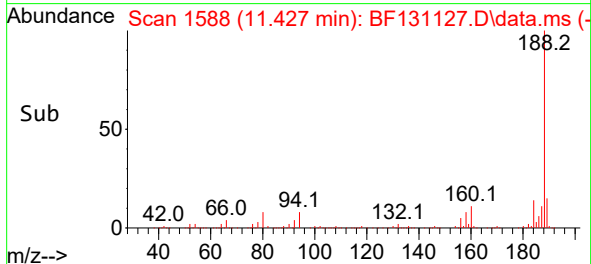
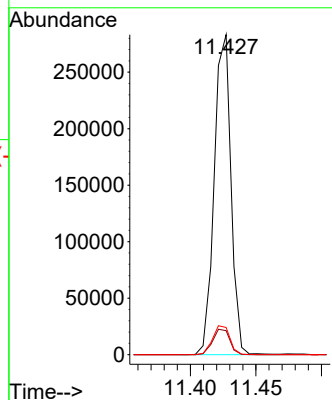
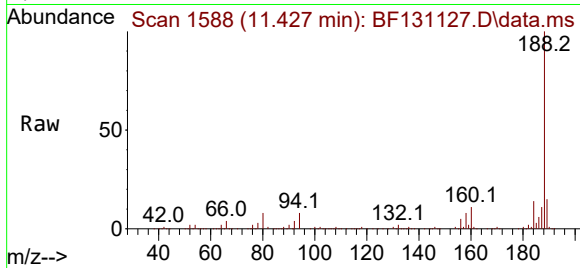




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

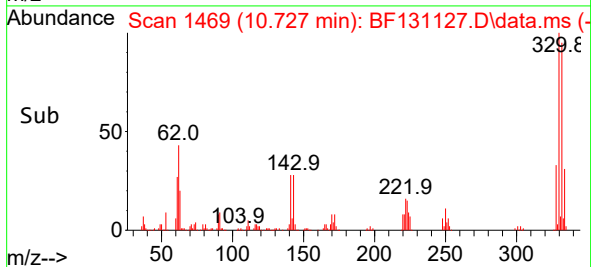
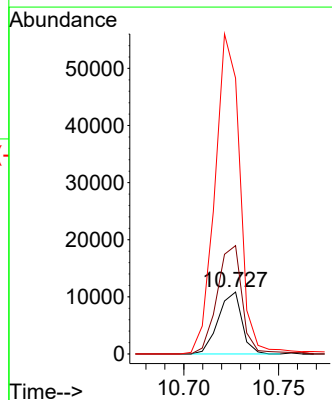
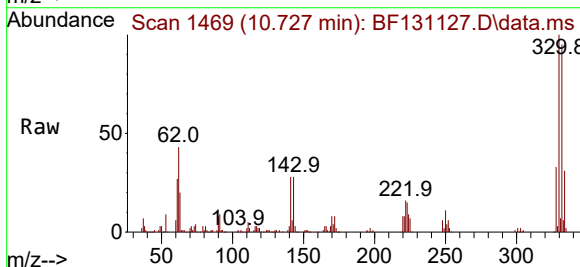
Instrument :
BNA_F
ClientSampleId :
SB-23

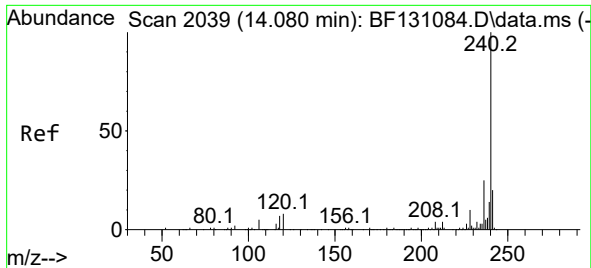
Tgt Ion:188 Resp: 251572
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.308 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

Tgt Ion:248 Resp: 9409
Ion Ratio Lower Upper
248 100
250 174.9 77.0 115.6#
141 445.2 69.7 104.5#

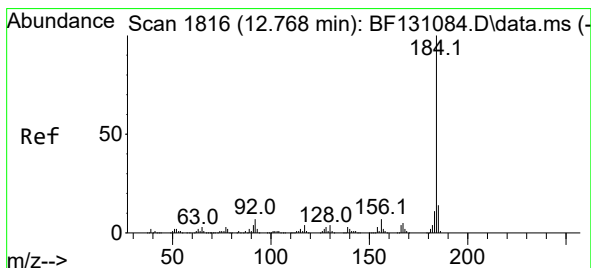
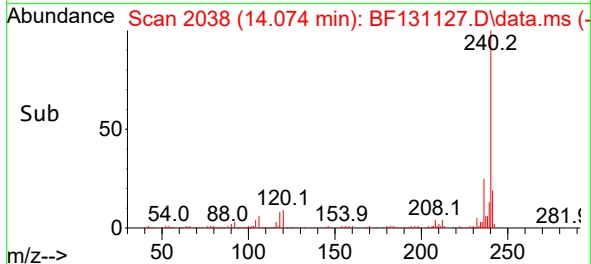
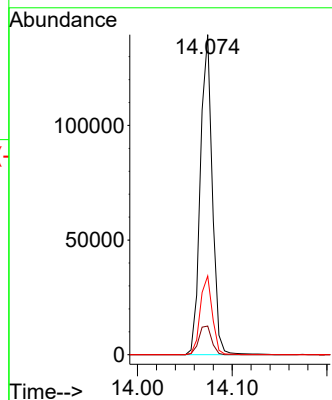
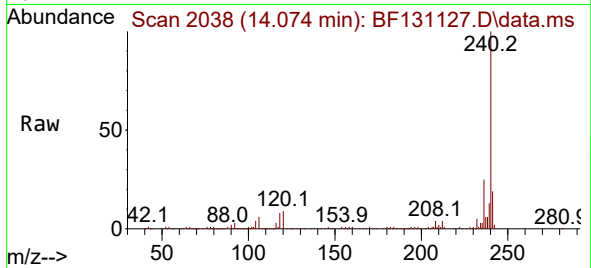




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

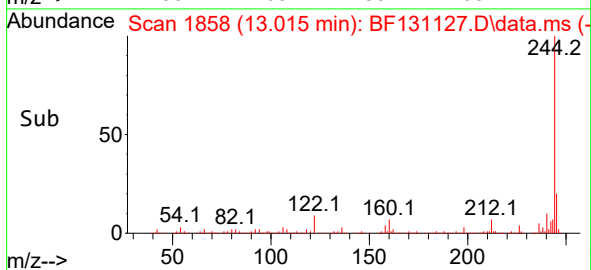
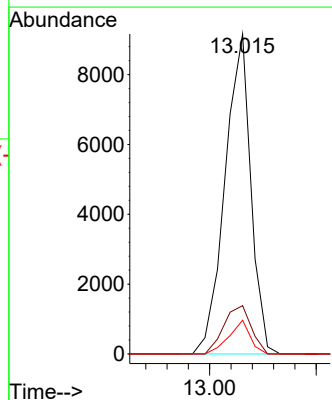
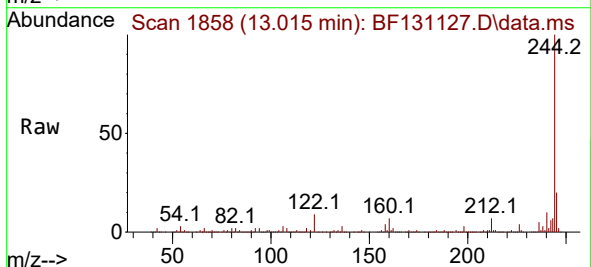
Instrument :
BNA_F
ClientSampleId :
SB-23

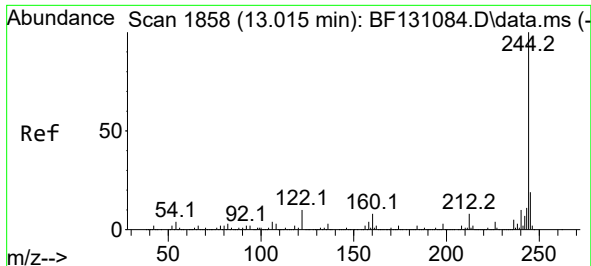
Tgt Ion:240 Resp: 122116
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 24.6 19.7 29.5



#77
Benzidine
Concen: 2.142 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.247 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

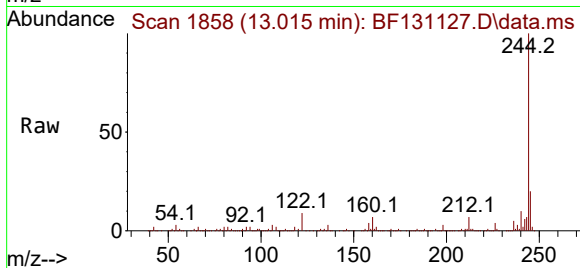
Tgt Ion:184 Resp: 7716
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.0
183 10.5 9.0 13.4



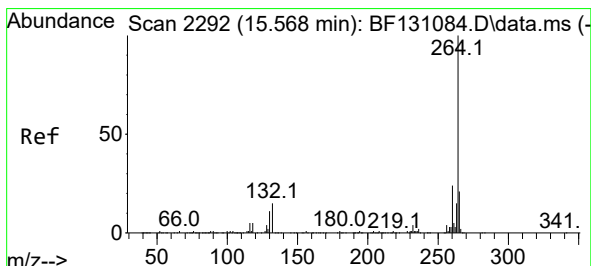
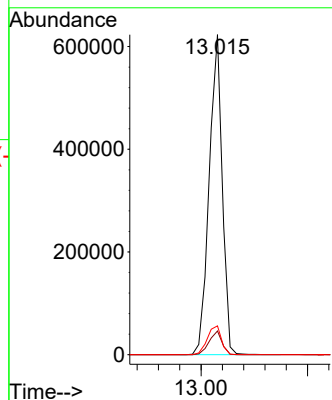
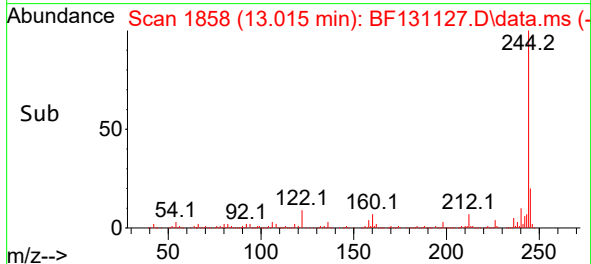


#79
 Terphenyl-d14
 Concen: 76.410 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: BF131127.D
 Acq: 10 Nov 2022 17:27

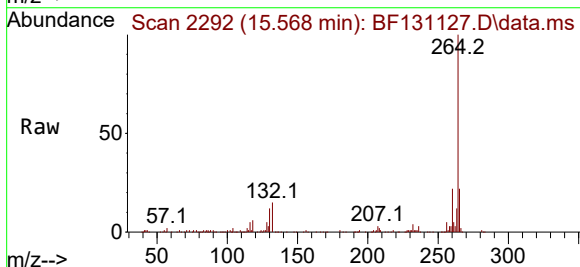
Instrument :
 BNA_F
 ClientSampleId :
 SB-23



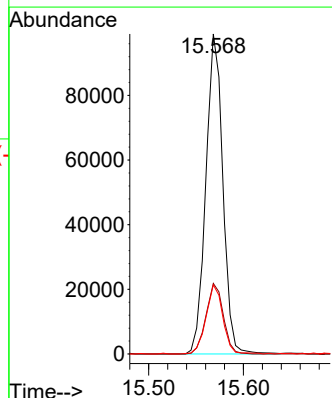
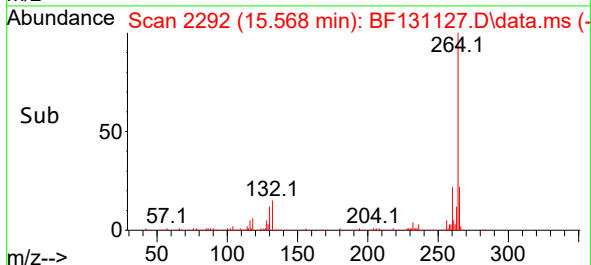
Tgt Ion:244 Resp: 532186
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.0 7.8 11.8

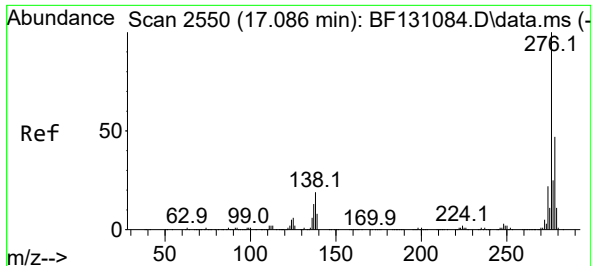


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131127.D
 Acq: 10 Nov 2022 17:27



Tgt Ion:264 Resp: 123305
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.1 28.7
 265 21.6 16.7 25.1

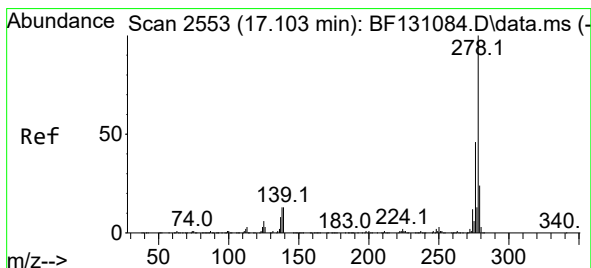
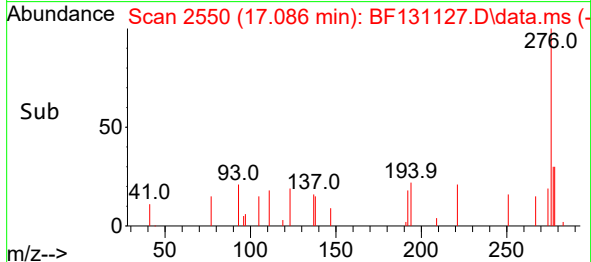
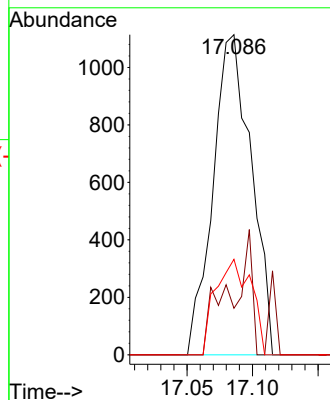
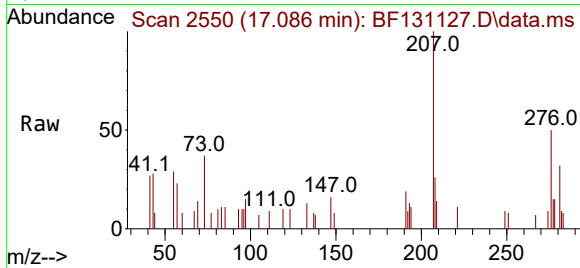




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.071 ng
 RT: 17.086 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131127.D
 Acq: 10 Nov 2022 17:27

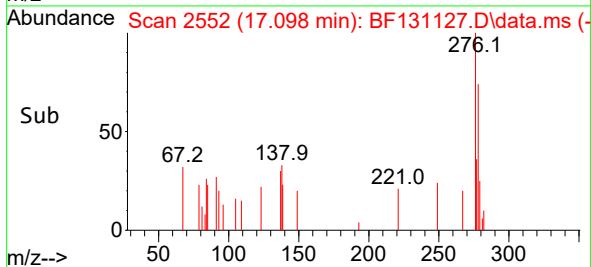
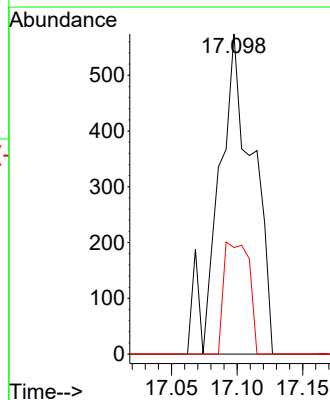
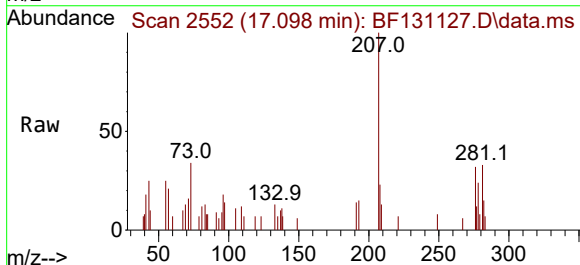
Instrument :
 BNA_F
 ClientSampleId :
 SB-23

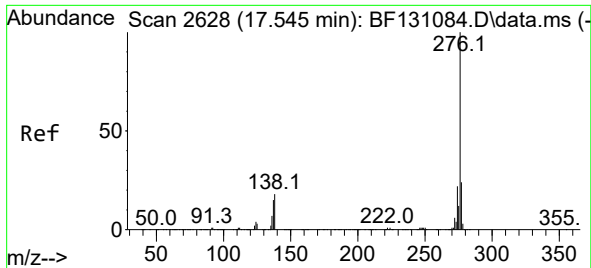
Tgt Ion:	276	Resp:	2258
Ion Ratio	Lower	Upper	
276	100		
138	22.7	16.9	25.3
277	27.7	20.3	30.5



#91
 Dibenzo(a,h)anthracene
 Concen: 3.956 ng
 RT: 17.098 min Scan# 2552
 Delta R.T. -0.005 min
 Lab File: BF131127.D
 Acq: 10 Nov 2022 17:27

Tgt Ion:	278	Resp:	1044
Ion Ratio	Lower	Upper	
278	100		
139	0.0	10.8	16.2#
279	33.3	19.2	28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 4.610 ng
 RT: 17.539 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF131127.D
 Acq: 10 Nov 2022 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-23

Tgt Ion:276 Resp: 2326
 Ion Ratio Lower Upper
 276 100
 277 19.5 19.0 28.4
 138 19.0 14.6 21.8

