

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131243.D
 Acq On : 15 Nov 2022 21:14
 Operator : CG\JU
 Sample : PB148855BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 16 07:03:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

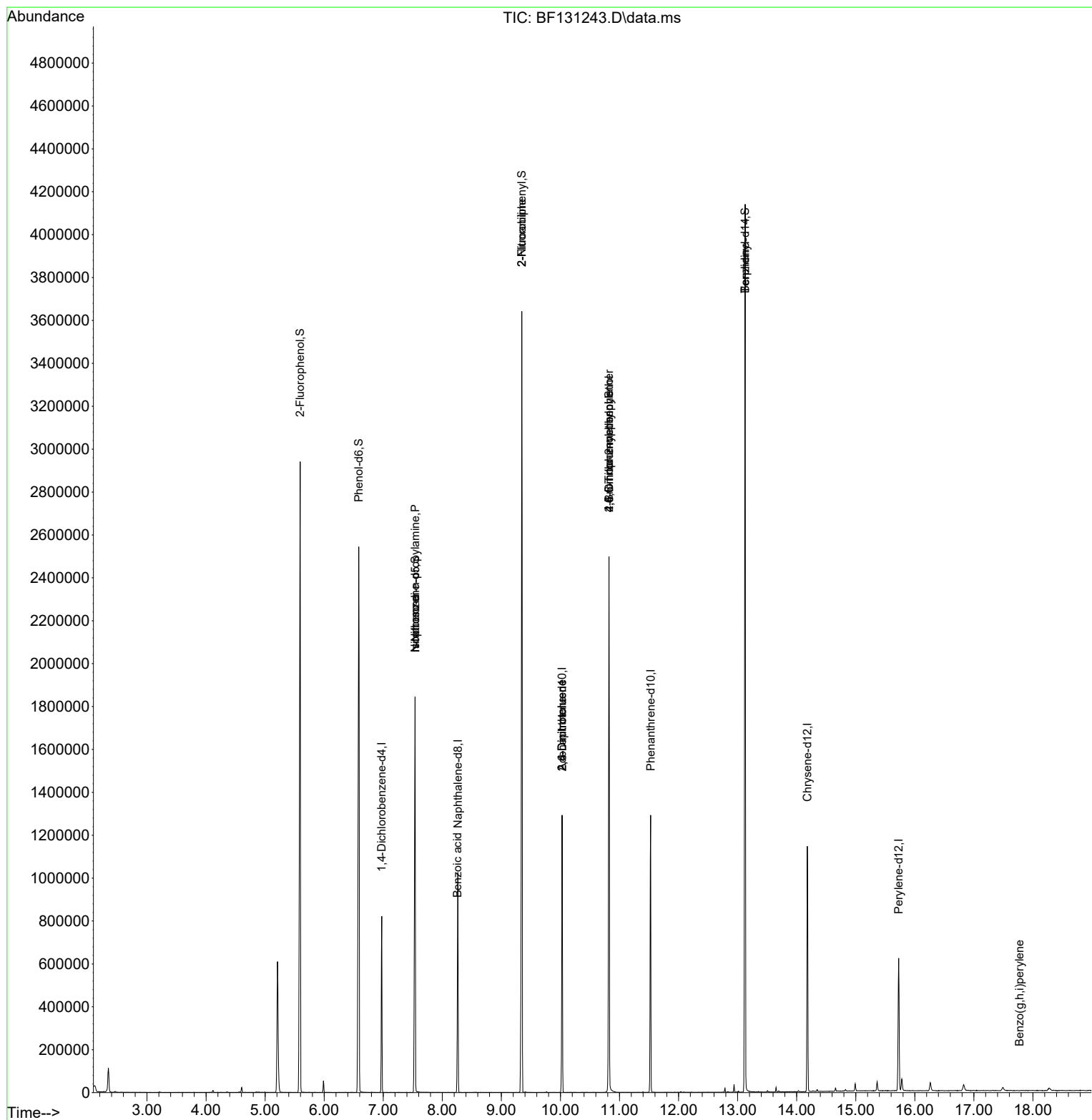
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	108796	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	425793	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	249175	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	462600	20.000	ng	0.00
76) Chrysene-d12	14.180	240	385667	20.000	ng	0.00
86) Perylene-d12	15.727	264	300099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	756508	123.129	ng	0.02
7) Phenol-d6	6.587	99	956160	122.870	ng	0.00
23) Nitrobenzene-d5	7.540	82	605119	79.769	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	290466	122.037	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1213257	71.255	ng	0.00
79) Terphenyl-d14	13.127	244	1517625	67.576	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.540	70	84828	15.644	ng	# 77
25) Isophorone	7.540	82	604515	39.889	ng	# 67
32) Benzoic acid	8.257	122	57	6.177	ng	# 1
48) 2-Nitroaniline	9.345	65	2306	4.482	ng	# 1
51) 2,6-Dinitrotoluene	10.028	165	31930	11.529	ng	# 23
57) 2,4-Dinitrotoluene	10.028	165	31930	10.937	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.822	198	1143	8.475	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	19106	3.518	ng	# 1
77) Benzidine	13.127	184	20454	2.475	ng	# 94
92) Benzo(g,h,i)perylene	17.774	276	54	3.472	ng	# 55

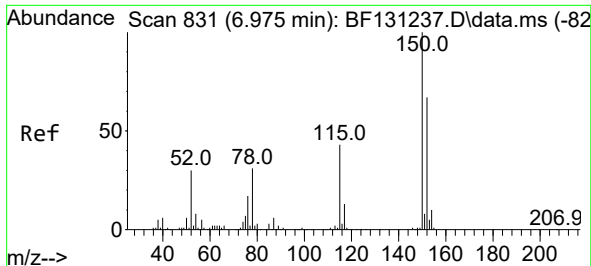
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
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BNA_N
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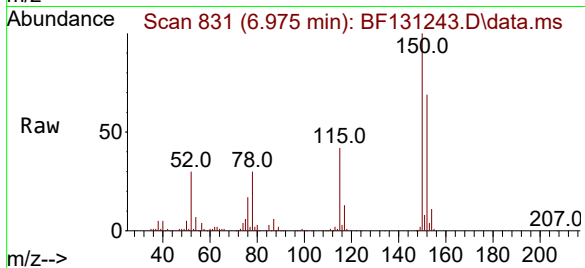
Quant Time: Nov 16 07:03:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
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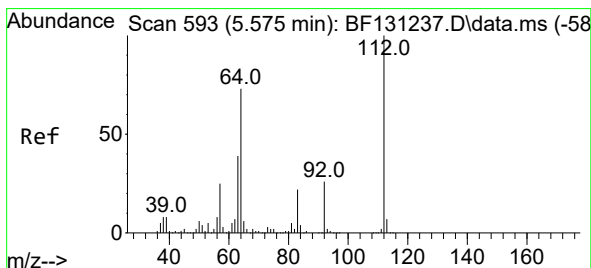
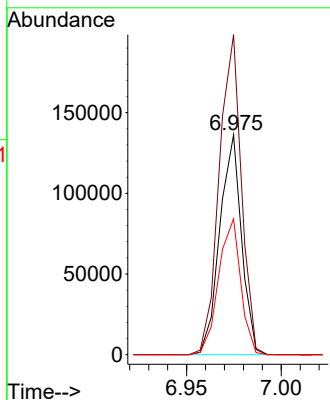
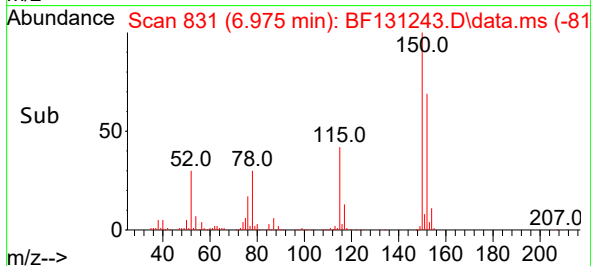


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

Instrument :
BNA_N
ClientSampleId :

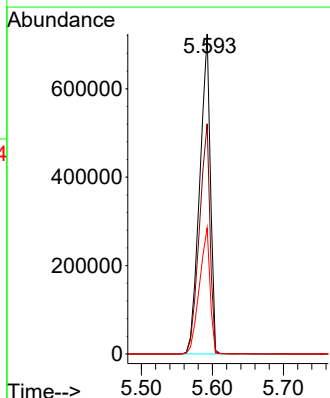
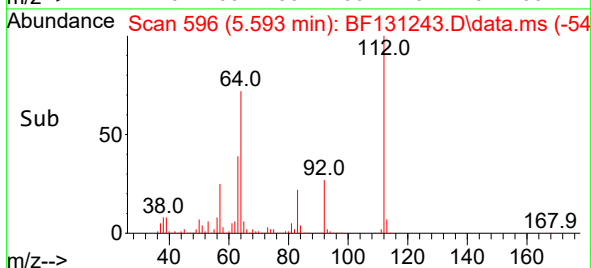
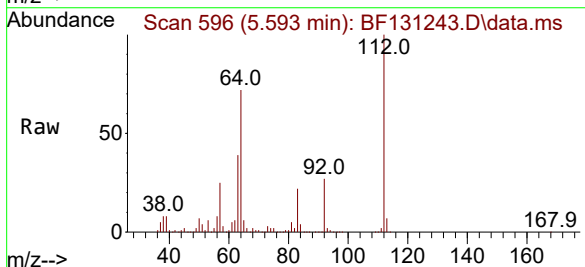


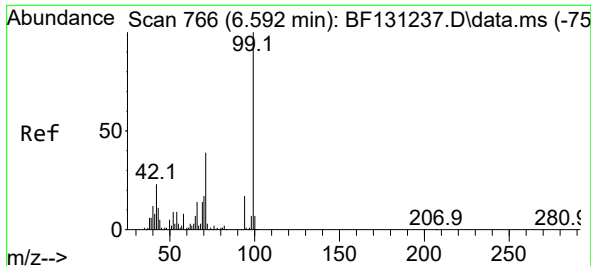
Tgt Ion:152 Resp: 108796
Ion Ratio Lower Upper
152 100
150 145.6 120.2 180.4
115 61.8 51.8 77.8



#5
2-Fluorophenol
Concen: 123.129 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.018 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

Tgt Ion:112 Resp: 756508
Ion Ratio Lower Upper
112 100
64 72.0 58.4 87.6
63 39.4 31.6 47.4

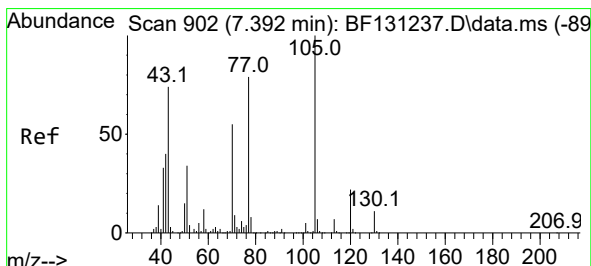
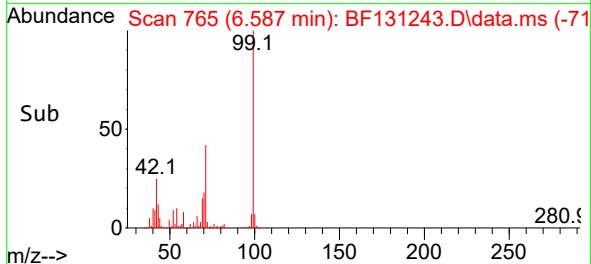
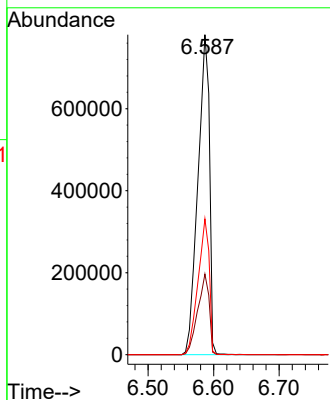
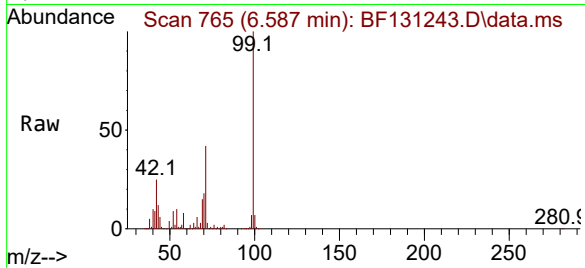




#7
Phenol-d6
Concen: 122.870 ng
RT: 6.587 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

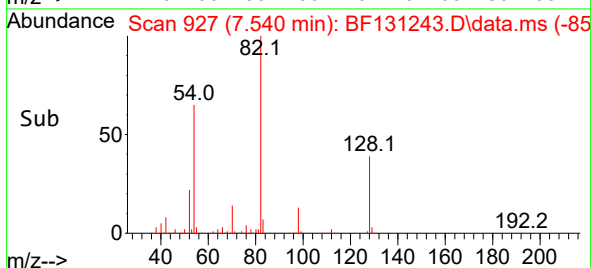
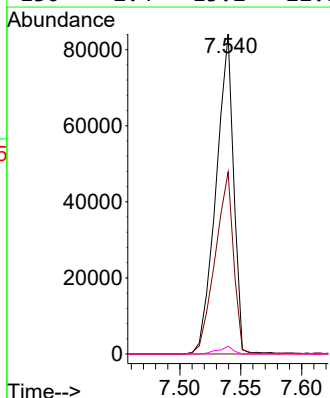
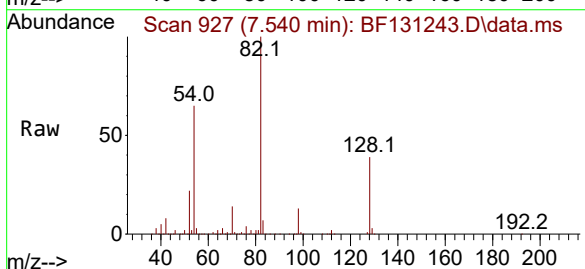
Instrument :
BNA_N
ClientSampleId :

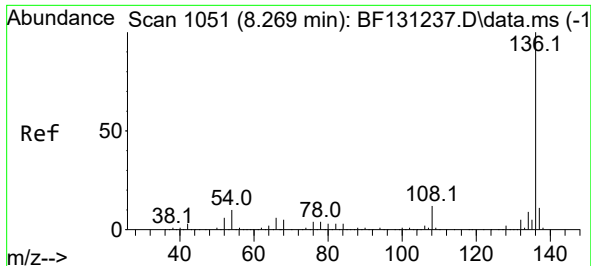
Tgt Ion: 99 Resp: 956160
Ion Ratio Lower Upper
99 100
42 25.2 18.6 28.0
71 42.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.644 ng
RT: 7.540 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

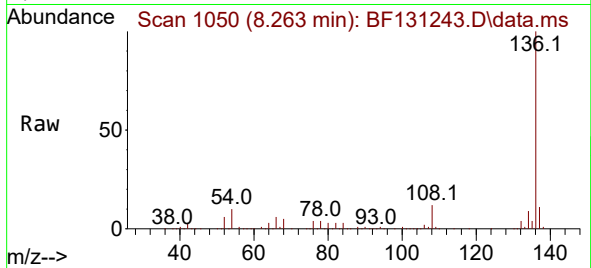
Tgt Ion: 70 Resp: 84828
Ion Ratio Lower Upper
70 100
42 56.8 58.3 87.5#
101 0.0 7.2 10.8#
130 2.4 15.2 22.8#



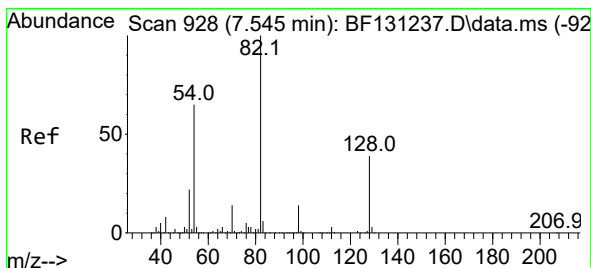
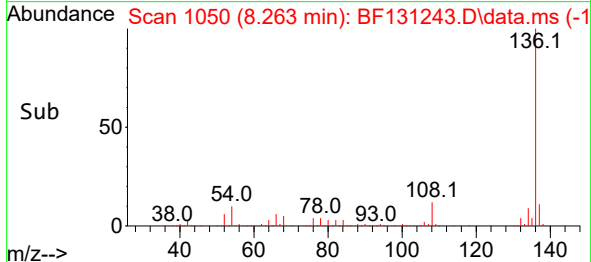
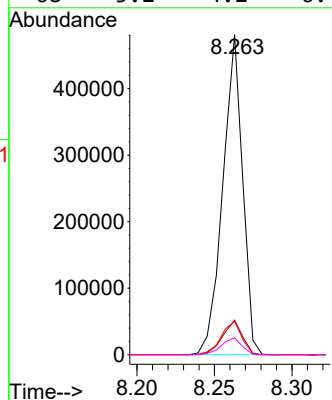


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

Instrument :
BNA_N
ClientSampleId :

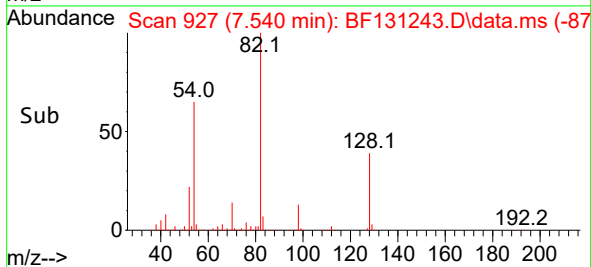
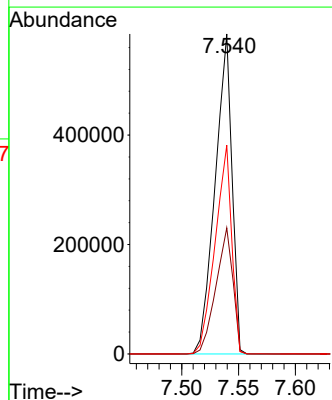
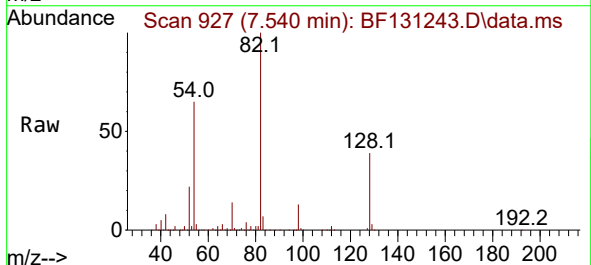


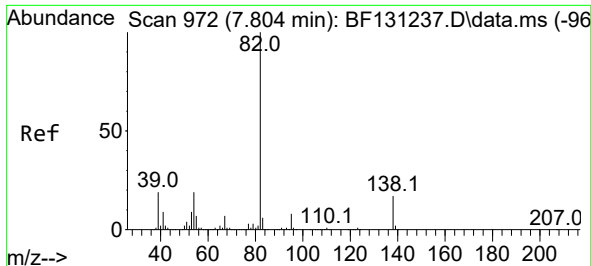
Tgt Ion:136 Resp: 425793
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.4 7.8 11.8
68 5.2 4.2 6.4



#23
Nitrobenzene-d5
Concen: 79.769 ng
RT: 7.540 min Scan# 927
Delta R.T. -0.005 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

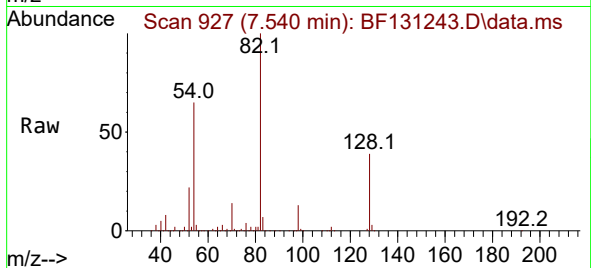
Tgt Ion: 82 Resp: 605119
Ion Ratio Lower Upper
82 100
128 39.4 31.1 46.7
54 65.2 51.8 77.6



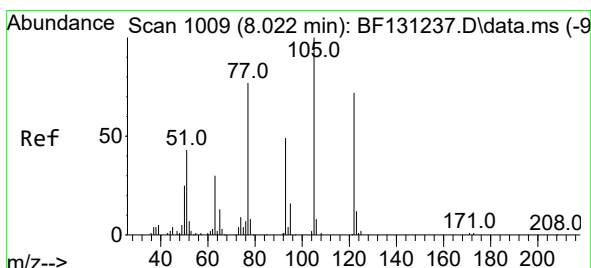
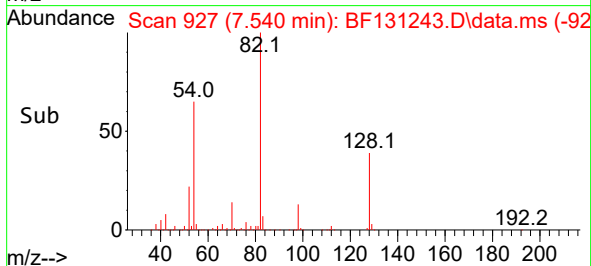
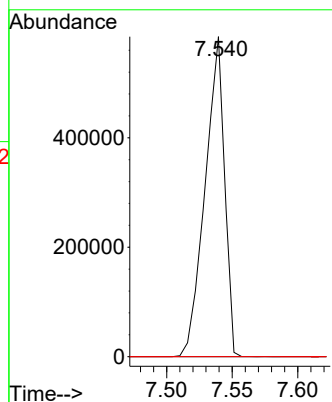


#25
Isophorone
Concen: 39.889 ng
RT: 7.540 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

Instrument :
BNA_N
ClientSampleId :

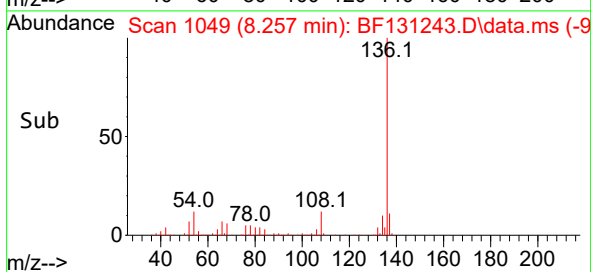
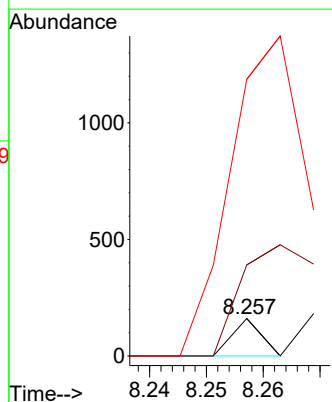
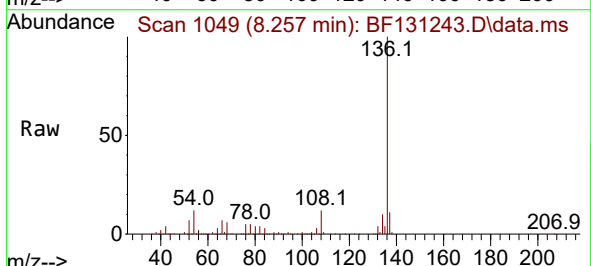


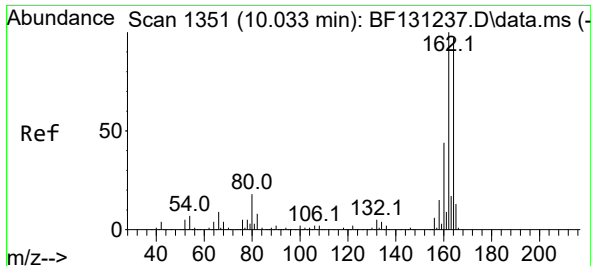
Tgt Ion: 82 Resp: 604515
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 6.177 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.235 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

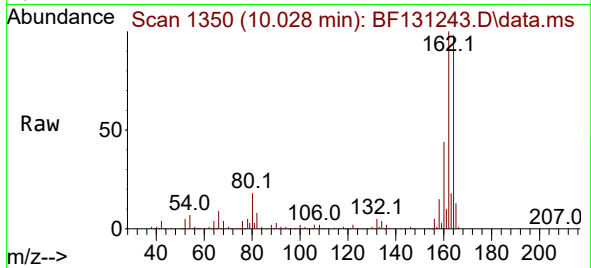
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 242.9 116.9 156.9#
77 737.3 86.9 126.9#



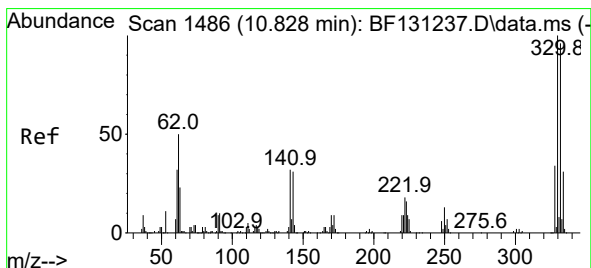
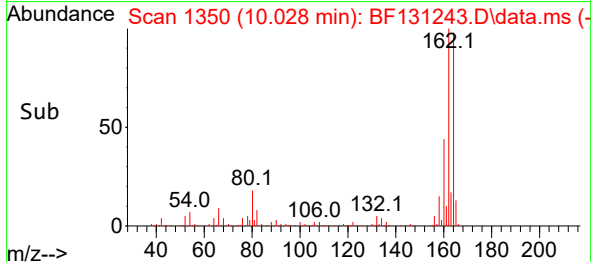
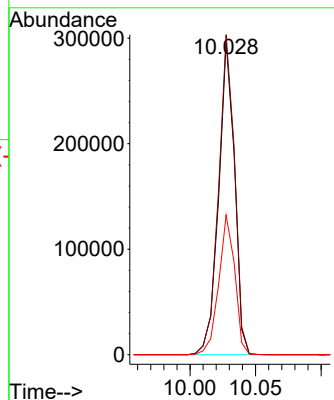


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

Instrument :
BNA_N
ClientSampleId :

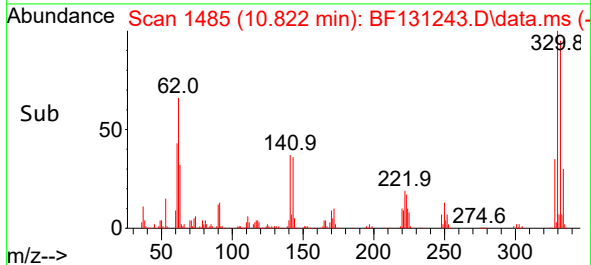
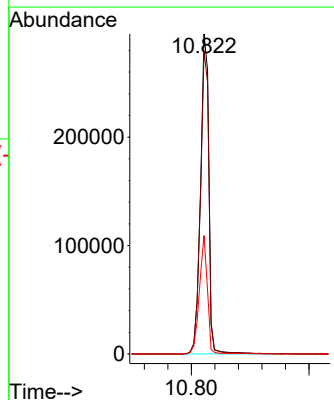
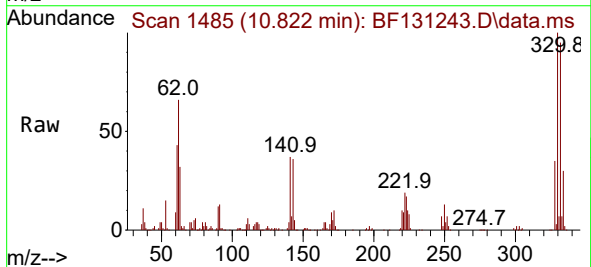


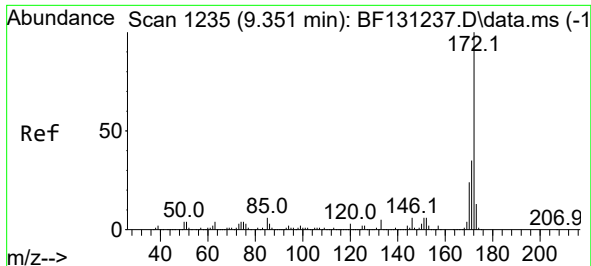
Tgt Ion:164 Resp: 249175
Ion Ratio Lower Upper
164 100
162 102.3 82.1 123.1
160 44.6 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 122.037 ng
RT: 10.822 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

Tgt Ion:330 Resp: 290466
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 35.7 29.6 44.4

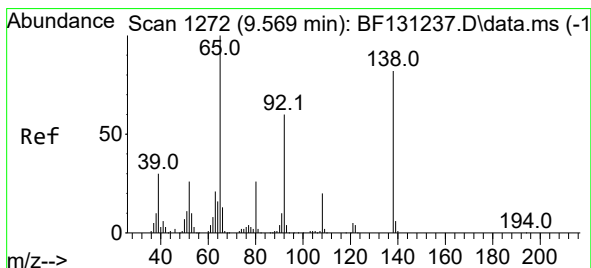
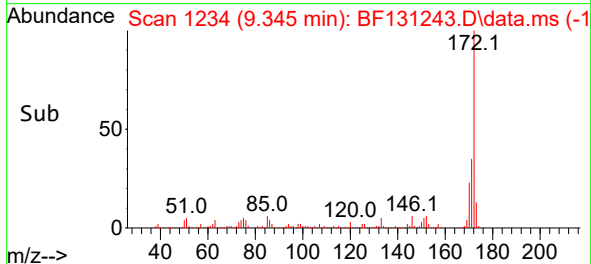
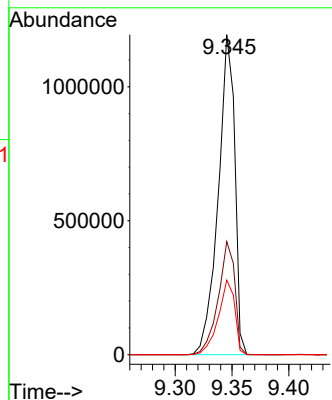
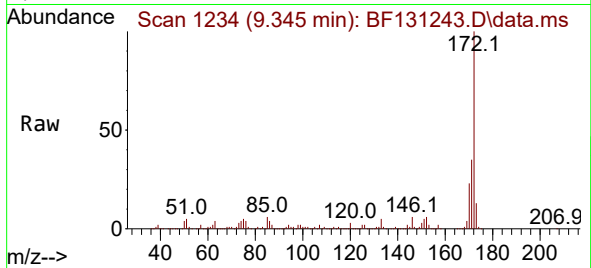




#45
2-Fluorobiphenyl
Concen: 71.255 ng
RT: 9.345 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

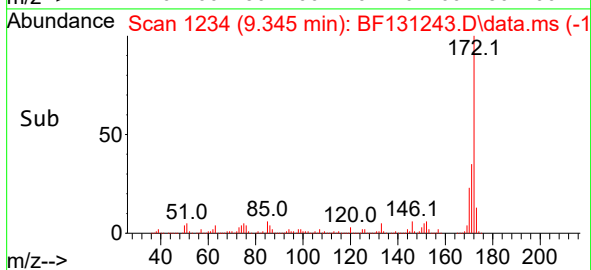
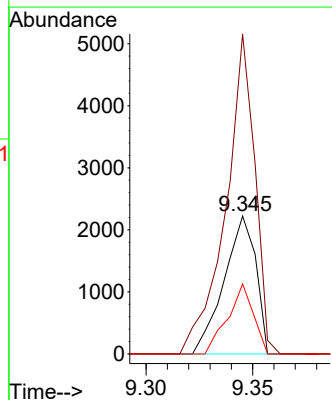
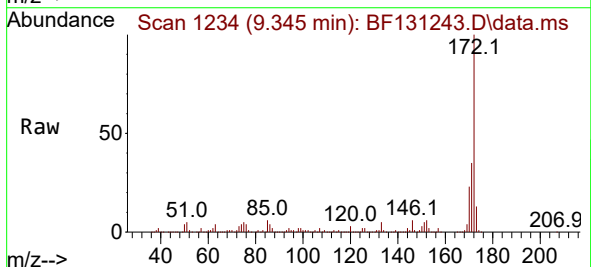
Instrument :
BNA_N
ClientSampleId :

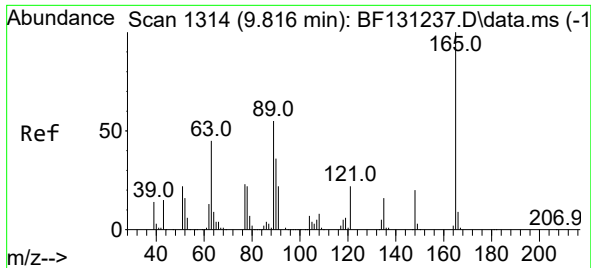
Tgt Ion:172 Resp: 1213257
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.3 18.8 28.2



#48
2-Nitroaniline
Concen: 4.482 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.224 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

Tgt Ion: 65 Resp: 2306
Ion Ratio Lower Upper
65 100
92 232.0 48.2 72.2#
138 50.8 65.8 98.8#

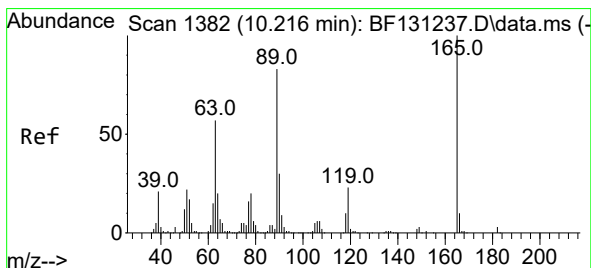
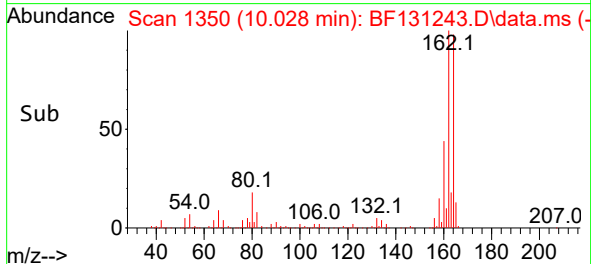
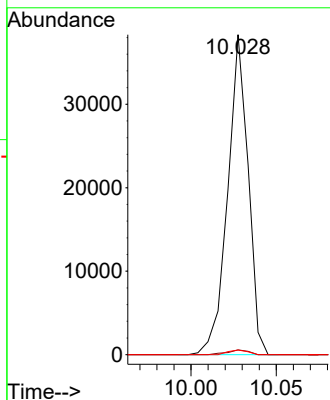
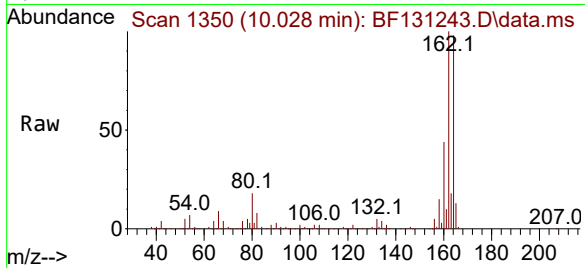




#51
2,6-Dinitrotoluene
Concen: 11.529 ng
RT: 10.028 min Scan# 1314
Delta R.T. 0.212 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

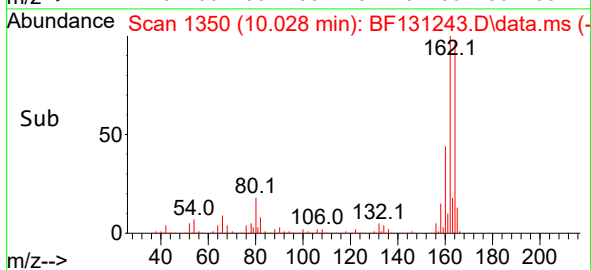
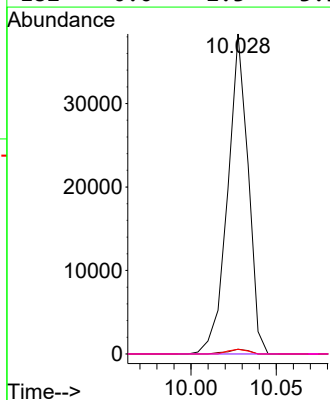
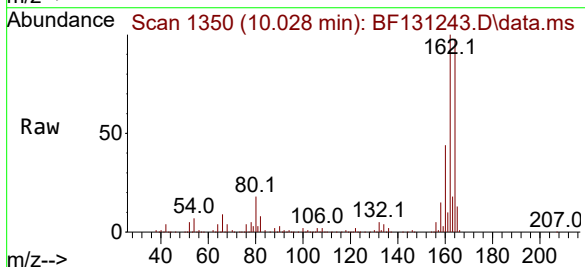
Instrument :
BNA_N
ClientSampleId :

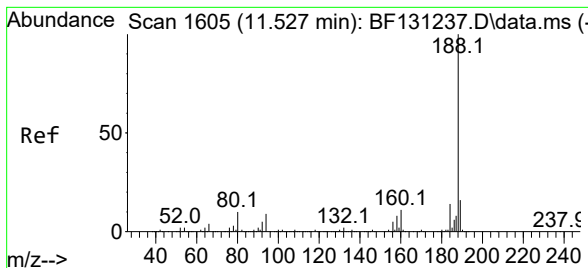
Tgt Ion:165 Resp: 31930
Ion Ratio Lower Upper
165 100
63 1.5 49.8 74.6#
89 1.4 44.5 66.7#



#57
2,4-Dinitrotoluene
Concen: 10.937 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.188 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

Tgt Ion:165 Resp: 31930
Ion Ratio Lower Upper
165 100
63 1.5 46.0 69.0#
89 1.4 66.2 99.4#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.527 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131243.D

Acq: 15 Nov 2022 21:14

Instrument :

BNA_N

ClientSampleId :

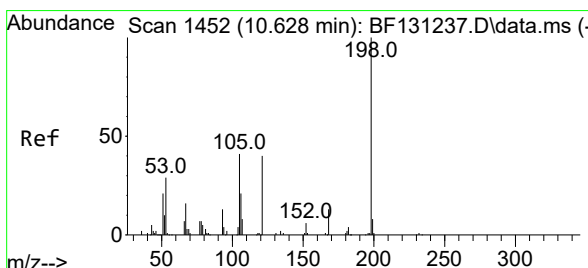
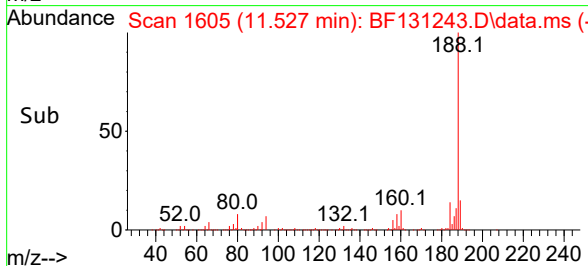
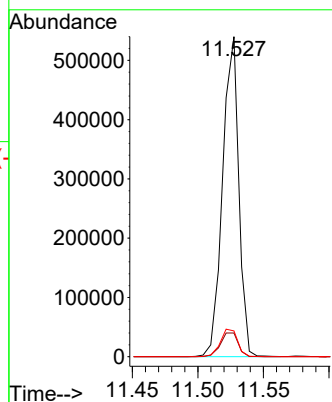
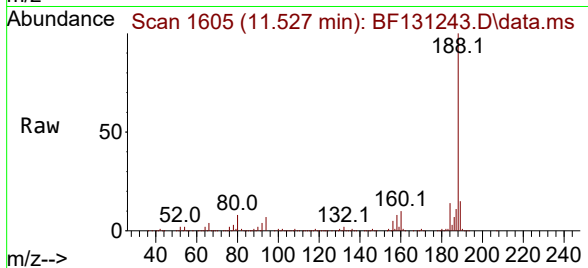
Tgt Ion:188 Resp: 462600

Ion Ratio Lower Upper

188 100

94 7.4 6.8 10.2

80 8.0 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.475 ng

RT: 10.822 min Scan# 1485

Delta R.T. 0.194 min

Lab File: BF131243.D

Acq: 15 Nov 2022 21:14

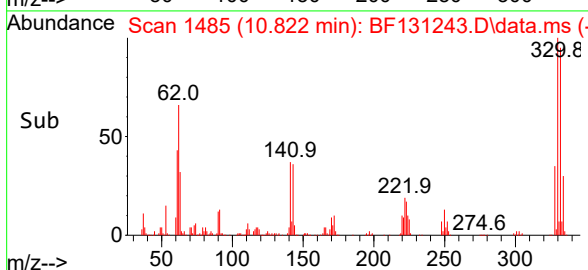
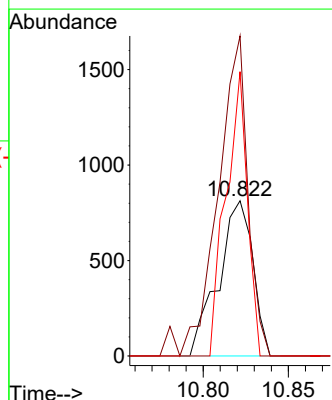
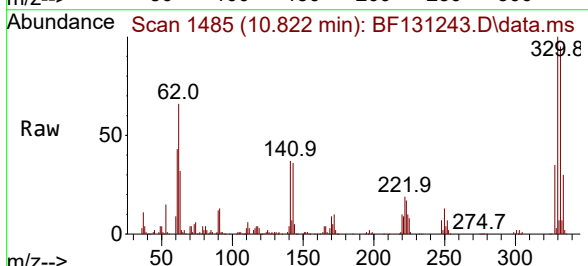
Tgt Ion:198 Resp: 1143

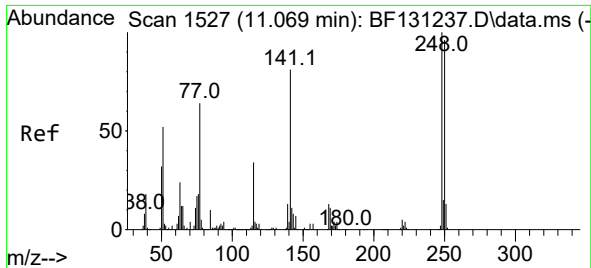
Ion Ratio Lower Upper

198 100

51 206.2 29.4 69.4#

105 183.1 22.2 62.2#

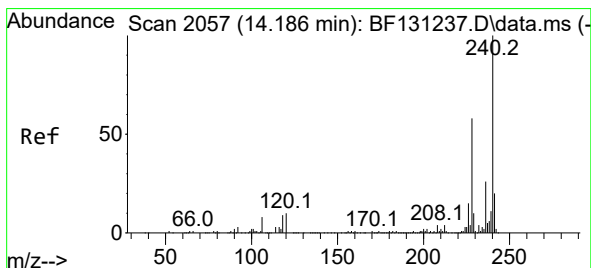
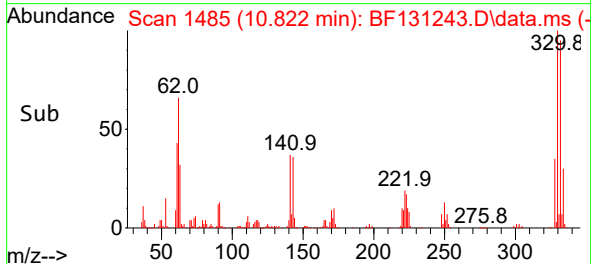
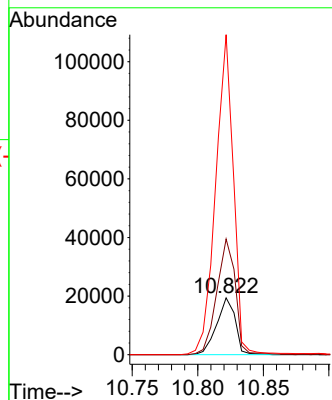
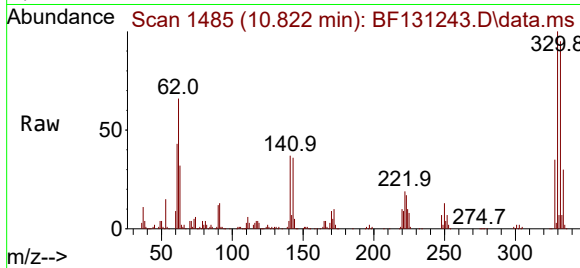




#67
4-Bromophenyl-phenylether
Concen: 3.518 ng
RT: 10.822 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

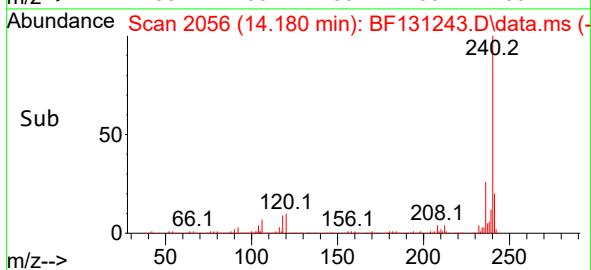
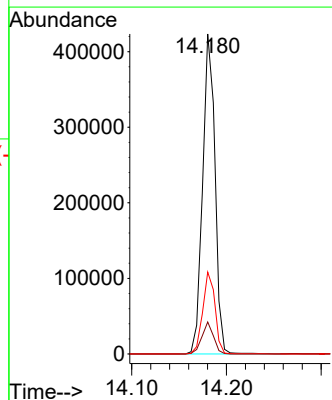
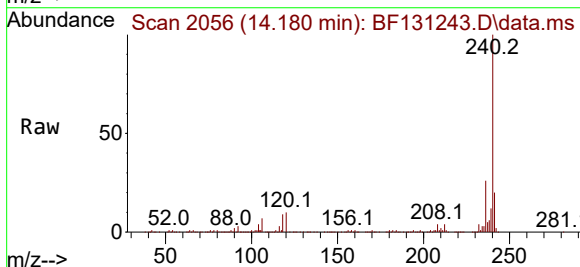
Instrument :
BNA_N
ClientSampleId :

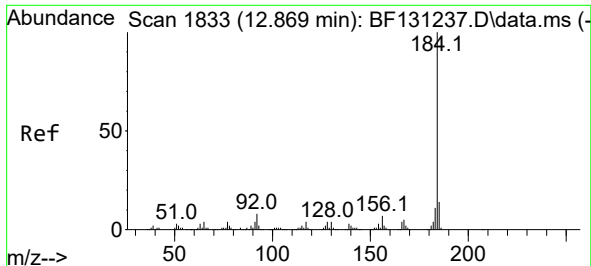
Tgt Ion:248 Resp: 19106
Ion Ratio Lower Upper
248 100
250 203.5 76.6 114.8#
141 563.0 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

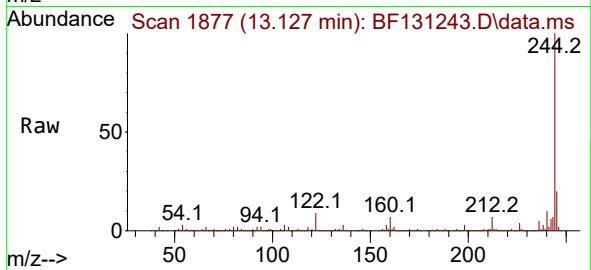
Tgt Ion:240 Resp: 385667
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 25.6 20.6 31.0



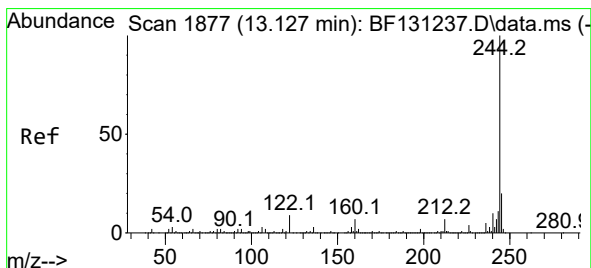
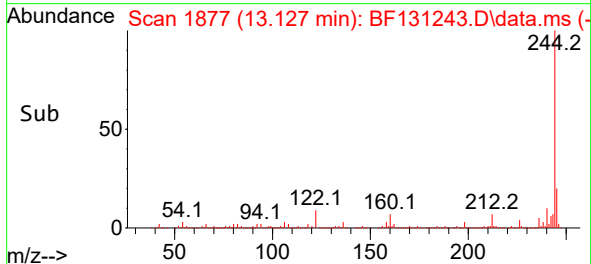
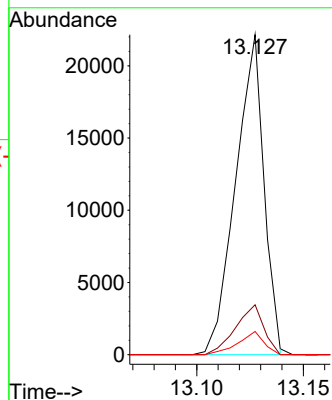


#77
Benzidine
Concen: 2.475 ng
RT: 13.127 min Scan# 1877
Delta R.T. 0.258 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

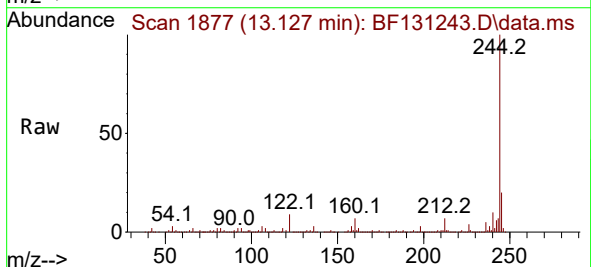
Instrument :
BNA_N
ClientSampleId :



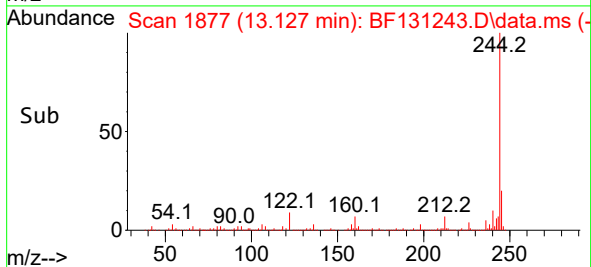
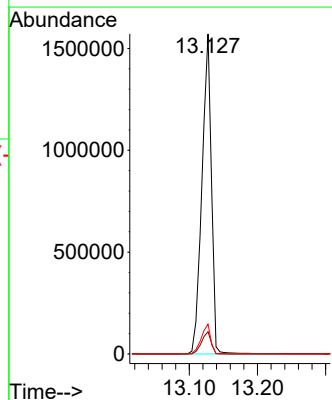
Tgt Ion:184 Resp: 20454
Ion Ratio Lower Upper
184 100
185 15.6 11.4 17.2
183 7.3 9.0 13.4#

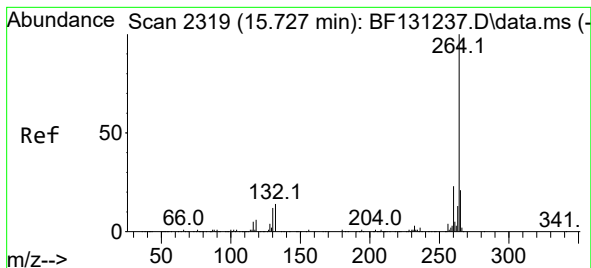


#79
Terphenyl-d14
Concen: 67.576 ng
RT: 13.127 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14



Tgt Ion:244 Resp: 1517625
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.3 7.4 11.2

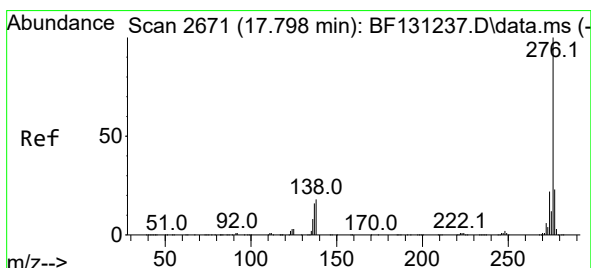
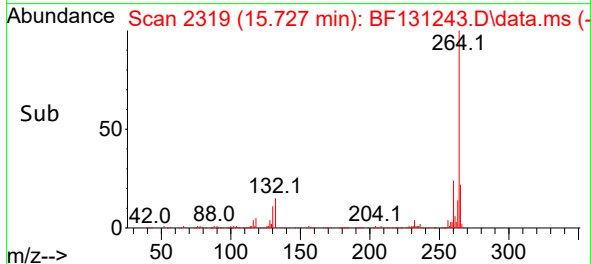
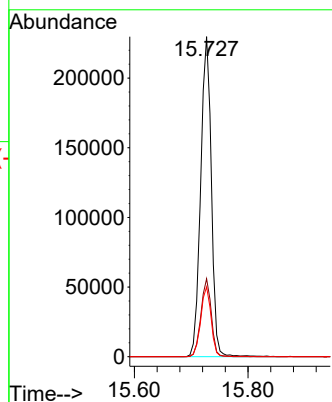
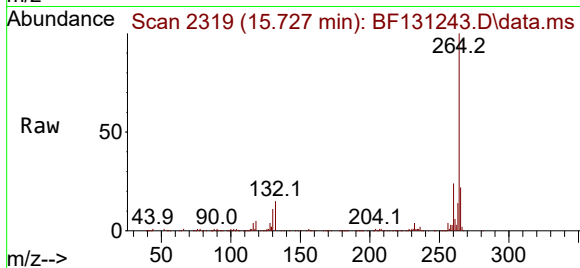




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 300099
Ion Ratio Lower Upper
264 100
260 24.4 18.6 27.8
265 21.8 16.6 24.8



#92
Benzo(g,h,i)perylene
Concen: 3.472 ng
RT: 17.774 min Scan# 2667
Delta R.T. -0.024 min
Lab File: BF131243.D
Acq: 15 Nov 2022 21:14

Tgt Ion:276 Resp: 54
Ion Ratio Lower Upper
276 100
277 0.0 18.6 27.8#
138 0.0 14.5 21.7#

