

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131668.D
 Acq On : 16 Dec 2022 15:59
 Operator : CG\JU
 Sample : N6038-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-39-(3-5)

Quant Time: Dec 16 16:59:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

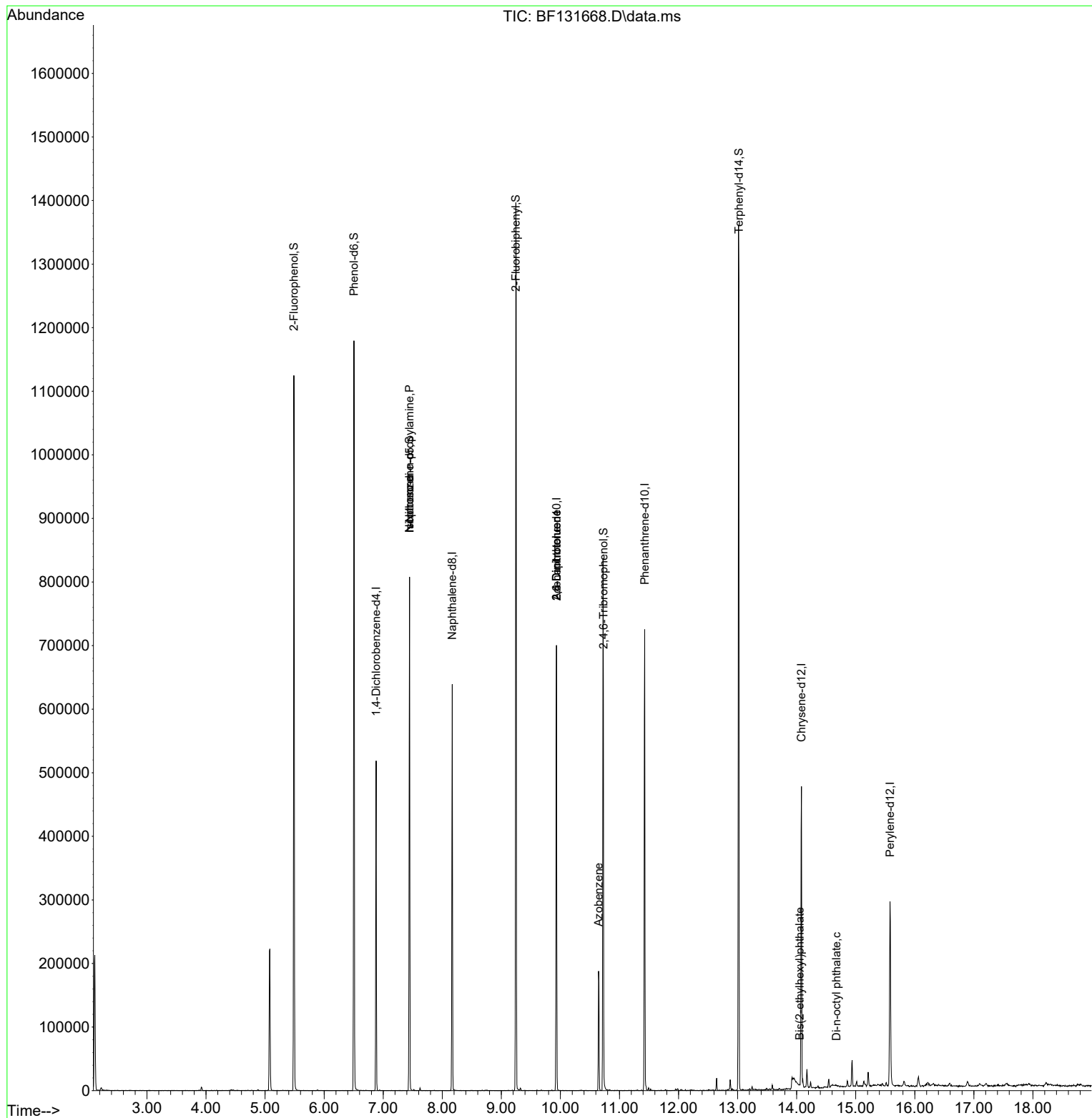
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63573	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	234349	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	132574	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	254135	20.000	ng	0.00
76) Chrysene-d12	14.080	240	155948	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	140054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	263230	69.077	ng	0.00
7) Phenol-d6	6.504	99	348025	69.694	ng	-0.01
23) Nitrobenzene-d5	7.445	82	239038	38.563	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	84849	57.605	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	411627	39.149	ng	0.00
79) Terphenyl-d14	13.022	244	469495	41.287	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	31999	8.546	ng	# 76
25) Isophorone	7.445	82	239035	23.941	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	16810	8.057	ng	# 9
57) 2,4-Dinitrotoluene	9.933	165	16810	6.074	ng	# 15
63) Azobenzene	10.645	77	35344	3.195	ng	# 13
84) Bis(2-ethylhexyl)phtha...	14.051	149	454	3.102	ng	# 54
85) Di-n-octyl phthalate	14.674	149	116	5.229	ng	# 1

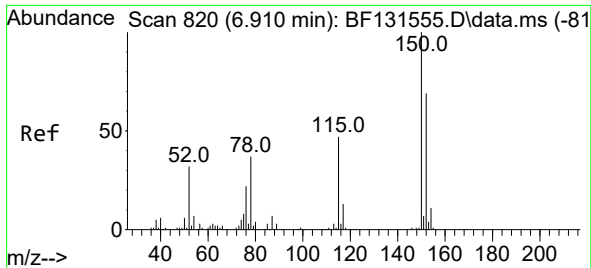
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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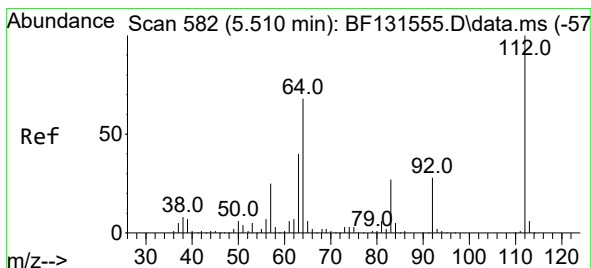
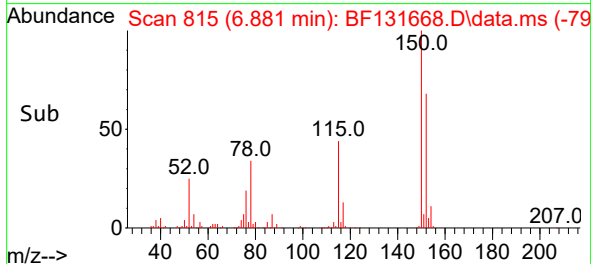
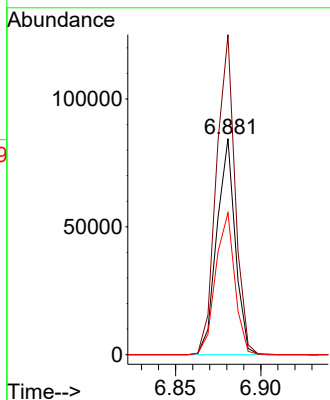
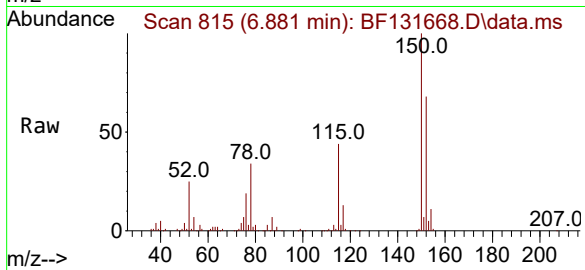




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131668.D
 Acq: 16 Dec 2022 15:59

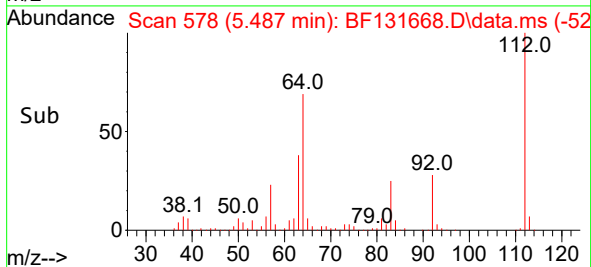
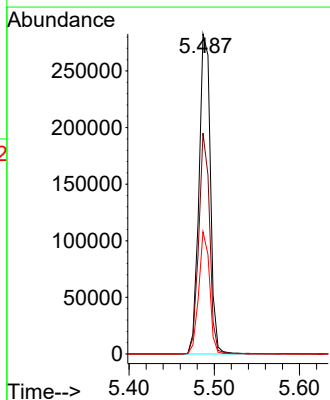
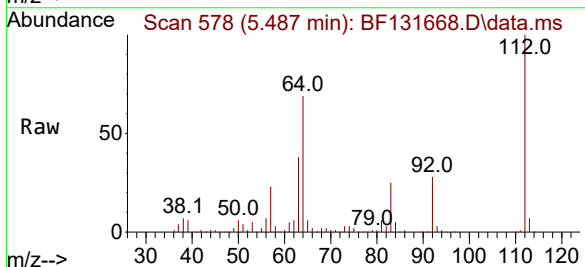
Instrument :
 BNA_F
 ClientSampleId :
 RB-39-(3-5)

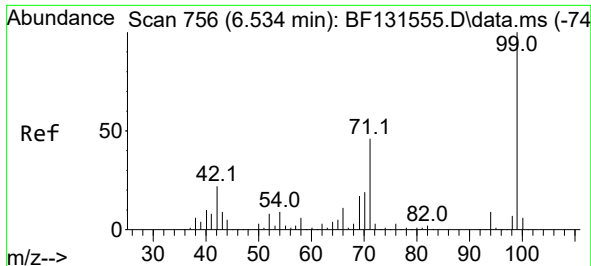
Tgt Ion:152 Resp: 63573
 Ion Ratio Lower Upper
 152 100
 150 148.1 116.7 175.1
 115 65.7 54.6 82.0



#5
 2-Fluorophenol
 Concen: 69.077 ng
 RT: 5.487 min Scan# 578
 Delta R.T. -0.006 min
 Lab File: BF131668.D
 Acq: 16 Dec 2022 15:59

Tgt Ion:112 Resp: 263230
 Ion Ratio Lower Upper
 112 100
 64 69.0 54.5 81.7
 63 38.2 31.9 47.9

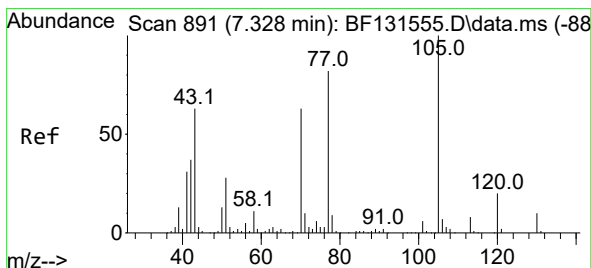
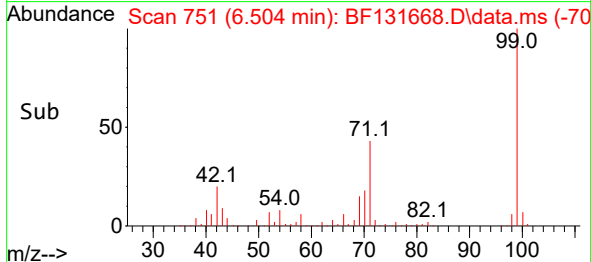
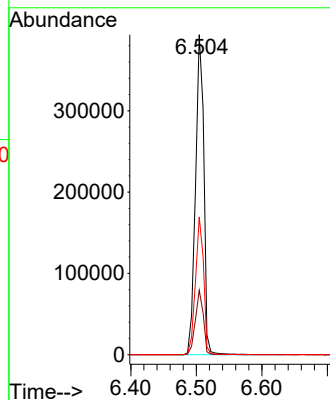
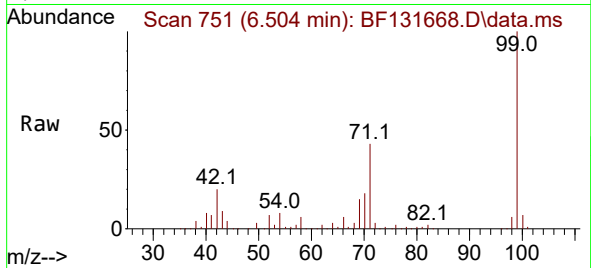




#7
Phenol-d6
Concen: 69.694 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

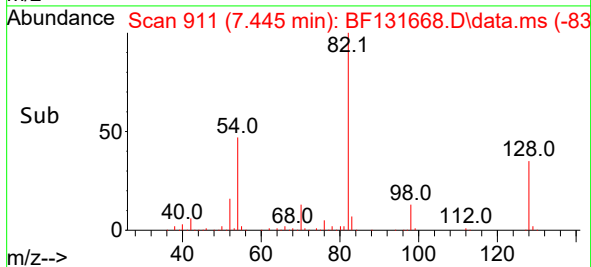
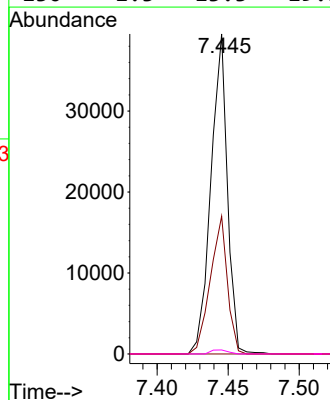
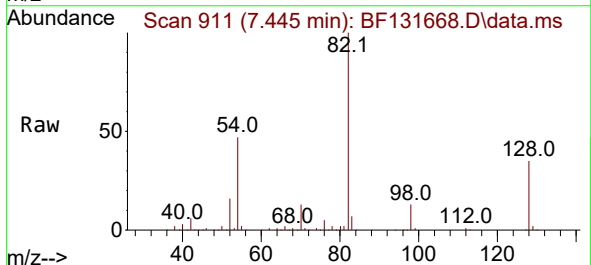
Instrument :
BNA_F
ClientSampleId :
RB-39-(3-5)

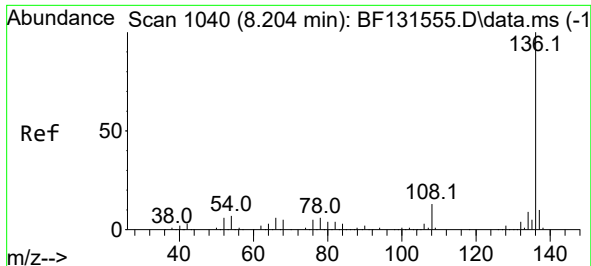
Tgt Ion: 99 Resp: 348025
Ion Ratio Lower Upper
99 100
42 20.1 17.9 26.9
71 43.0 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.546 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

Tgt Ion: 70 Resp: 31999
Ion Ratio Lower Upper
70 100
42 43.0 46.4 69.6#
101 0.0 7.2 10.8#
130 1.3 13.3 19.9#

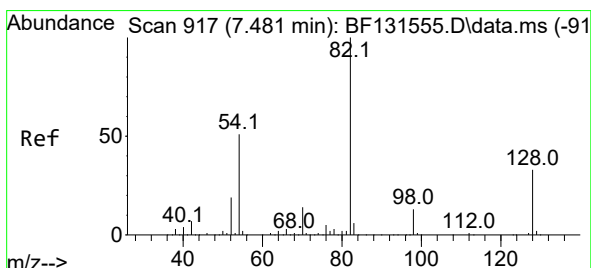
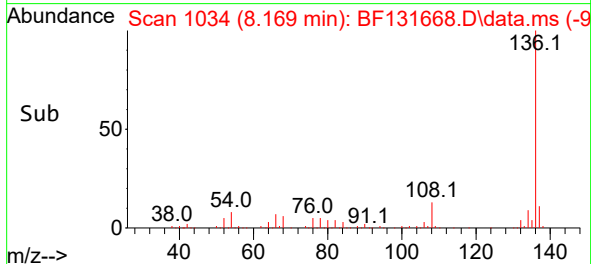
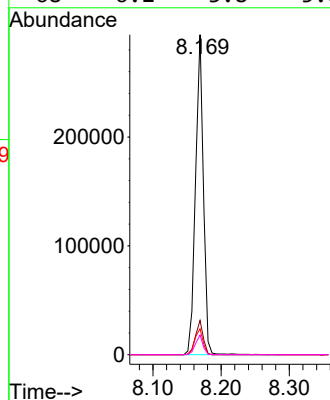
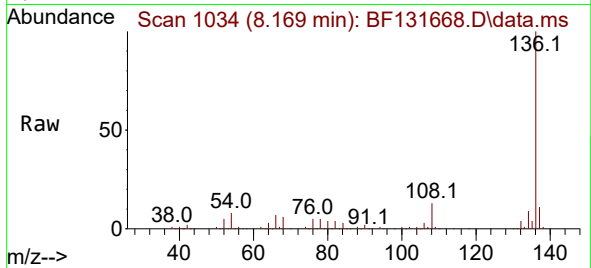




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

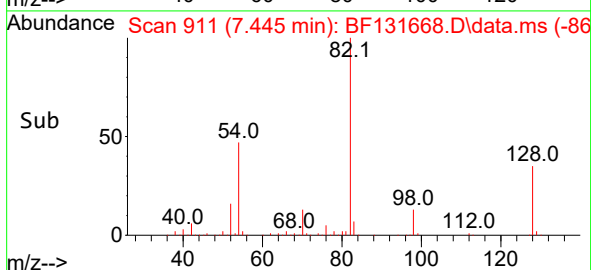
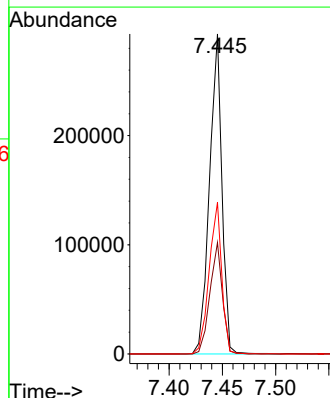
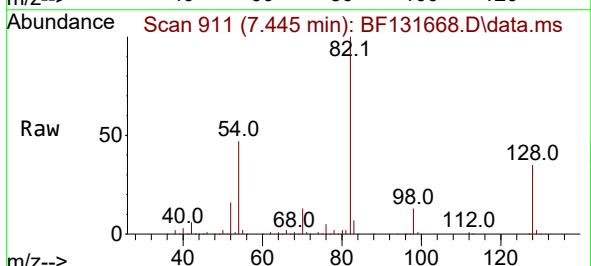
Instrument :
BNA_F
ClientSampleId :
RB-39-(3-5)

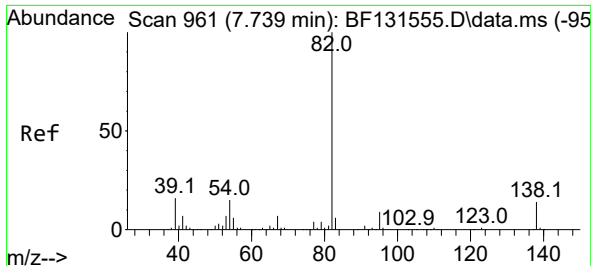
Tgt Ion:136 Resp: 234349
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 8.1 6.0 9.0
68 6.2 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 38.563 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

Tgt Ion: 82 Resp: 239038
Ion Ratio Lower Upper
82 100
128 34.8 26.1 39.1
54 47.4 40.6 60.8

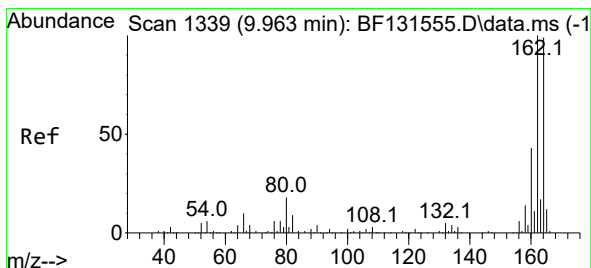
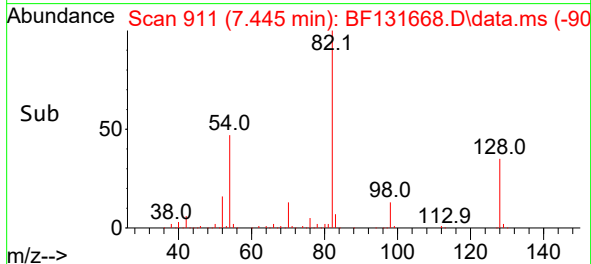
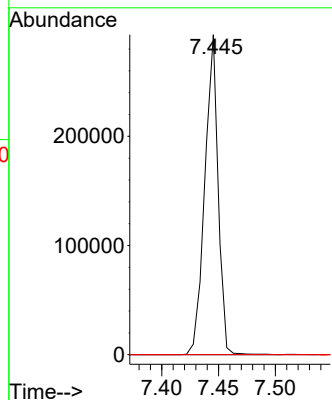
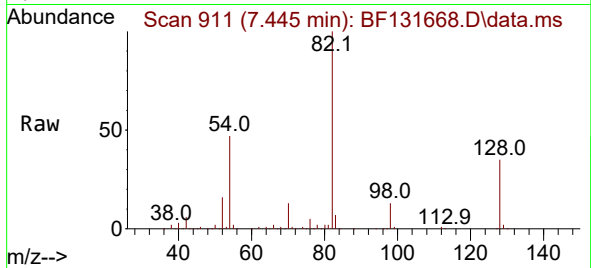




#25
Isophorone
Concen: 23.941 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

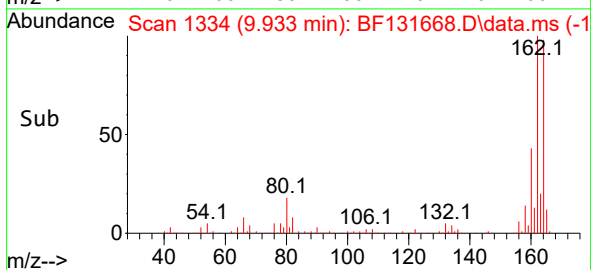
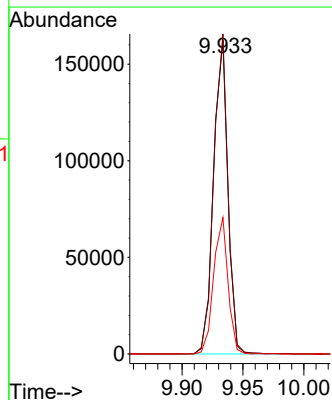
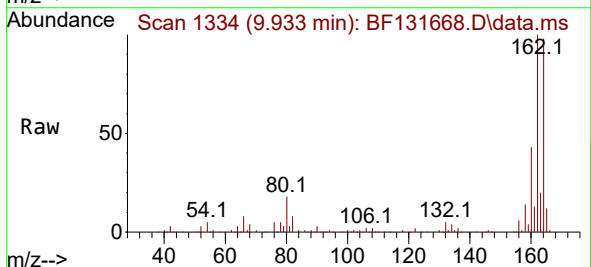
Instrument :
BNA_F
ClientSampleId :
RB-39-(3-5)

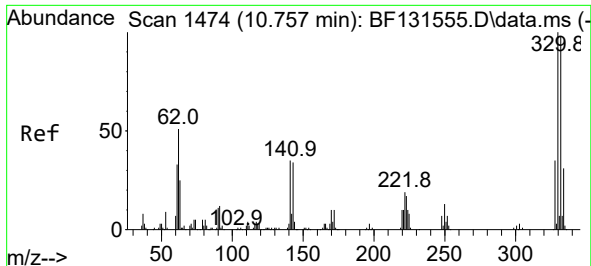
Tgt Ion: 82 Resp: 239035
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

Tgt Ion:164 Resp: 132574
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.6
160 43.5 35.0 52.6

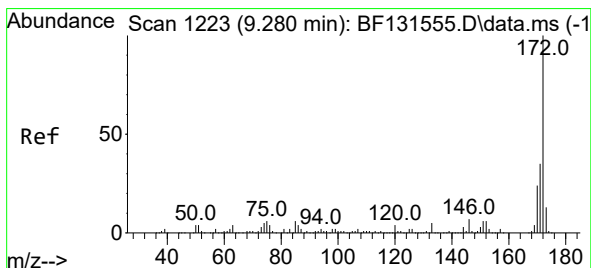
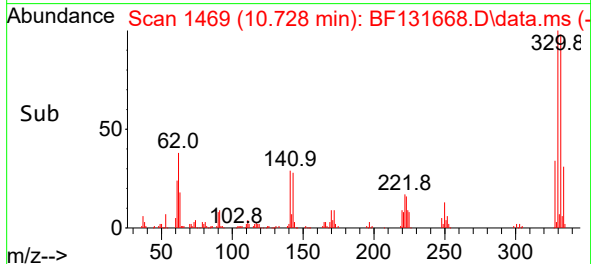
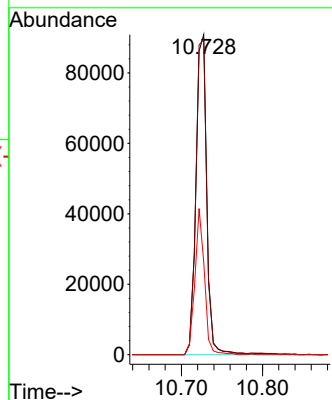
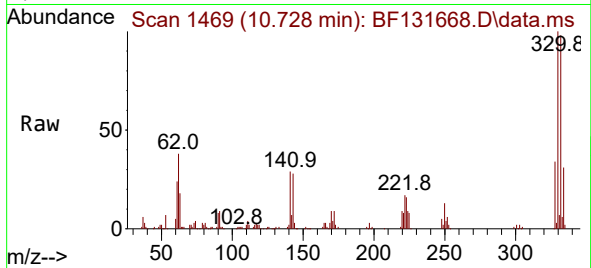




#42
2,4,6-Tribromophenol
Concen: 57.605 ng
RT: 10.728 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

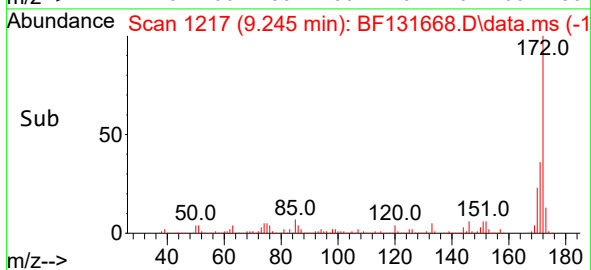
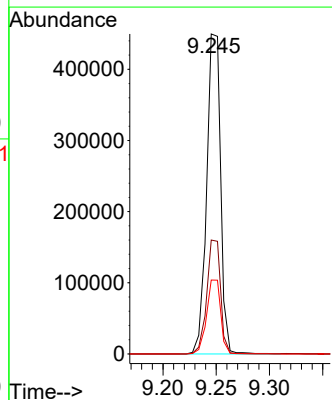
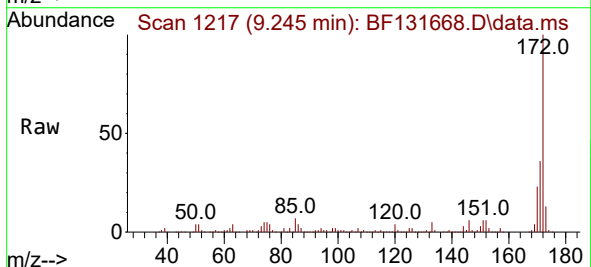
Instrument :
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ClientSampleId :
RB-39-(3-5)

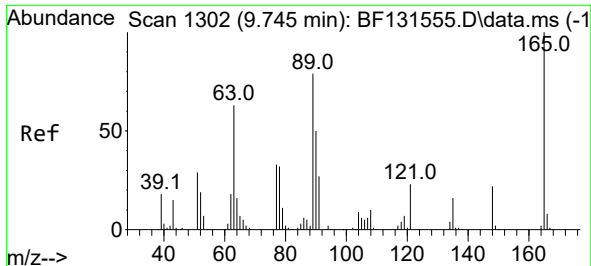
Tgt Ion:330 Resp: 84849
Ion Ratio Lower Upper
330 100
332 98.9 78.3 117.5
141 40.1 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 39.149 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

Tgt Ion:172 Resp: 411627
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.1 19.3 28.9

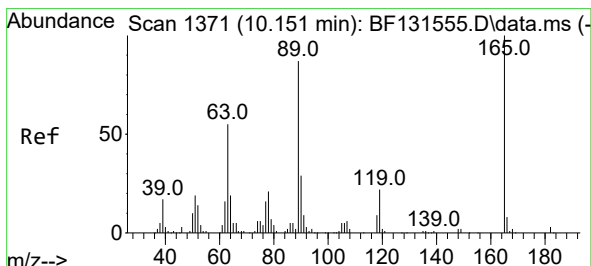
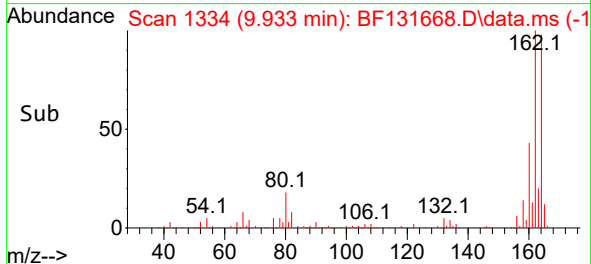
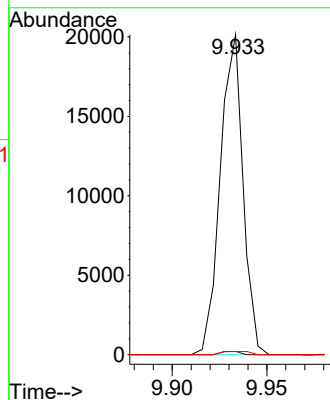
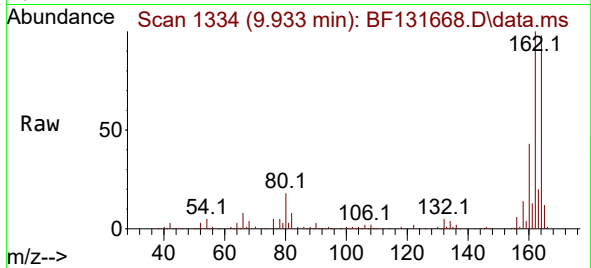




#51
2,6-Dinitrotoluene
Concen: 8.057 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

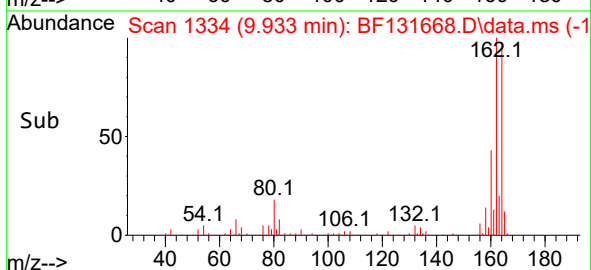
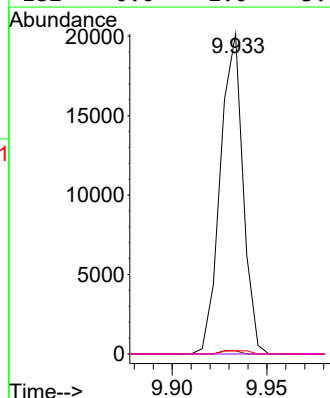
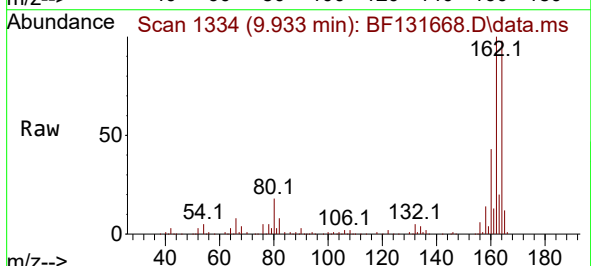
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RB-39-(3-5)

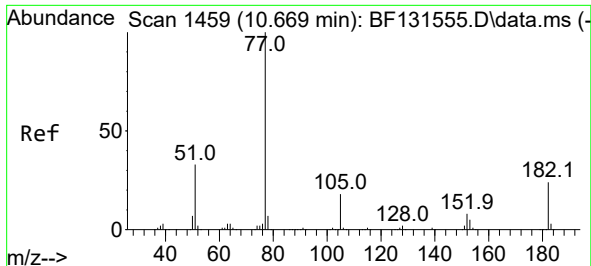
Tgt Ion:165 Resp: 16810
Ion Ratio Lower Upper
165 100
63 1.0 67.9 101.9#
89 1.0 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.074 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

Tgt Ion:165 Resp: 16810
Ion Ratio Lower Upper
165 100
63 1.0 44.4 66.6#
89 1.0 69.6 104.4#
182 0.0 2.0 3.0#

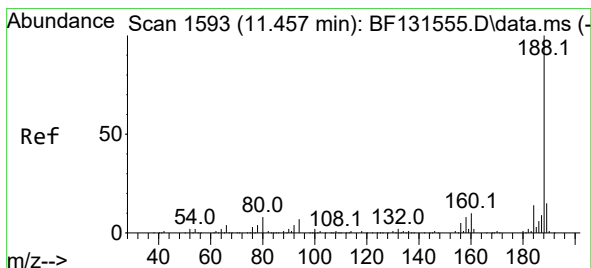
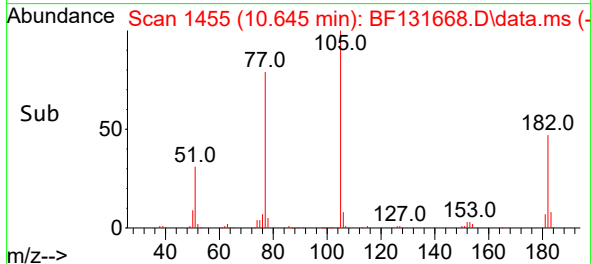
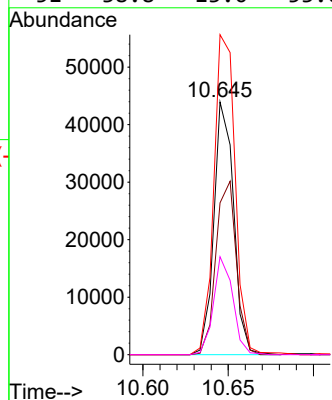
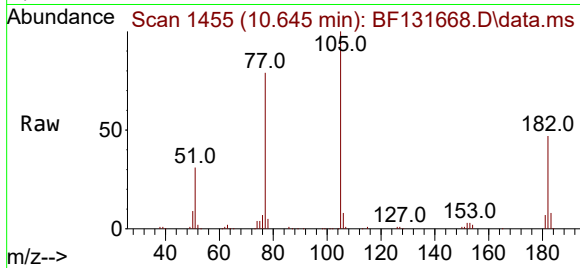




#63
 Azobenzene
 Concen: 3.195 ng
 RT: 10.645 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: BF131668.D
 Acq: 16 Dec 2022 15:59

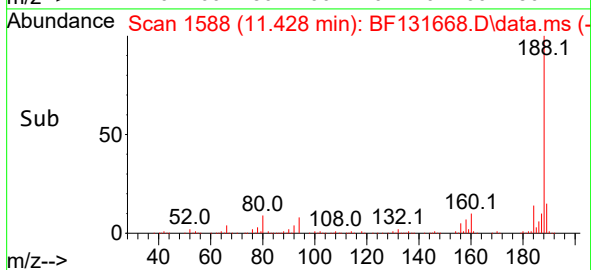
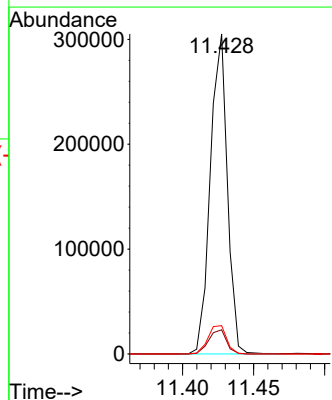
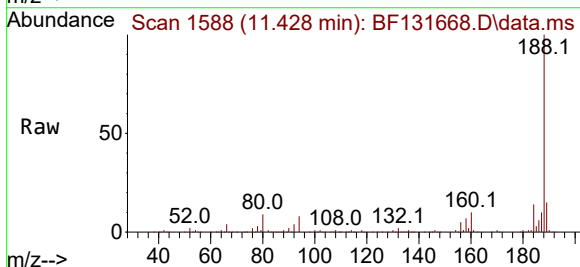
Instrument :
 BNA_F
 ClientSampleId :
 RB-39-(3-5)

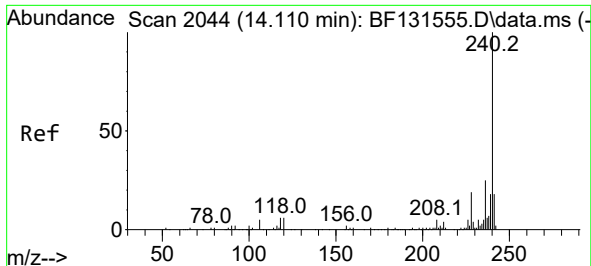
Tgt Ion: 77	Resp: 35344
Ion Ratio	Lower Upper
77 100	
182 60.1	3.9 43.9#
105 126.7	0.0 38.3#
51 38.8	13.0 53.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.428 min Scan# 1588
 Delta R.T. 0.000 min
 Lab File: BF131668.D
 Acq: 16 Dec 2022 15:59

Tgt Ion: 188	Resp: 254135
Ion Ratio	Lower Upper
188 100	
94 7.5	5.5 8.3
80 8.9	6.6 10.0

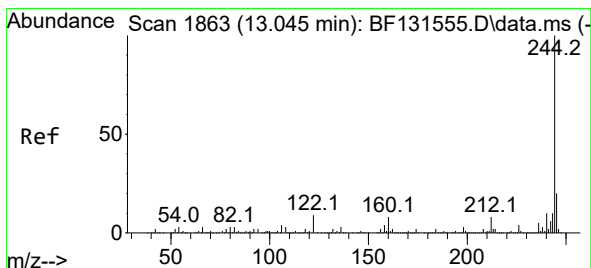
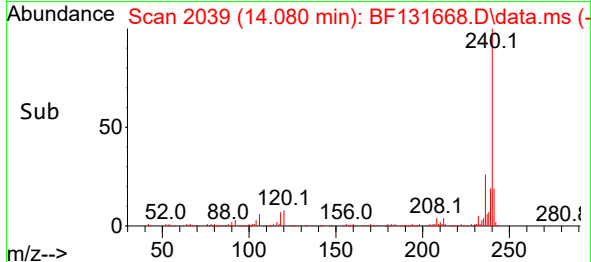
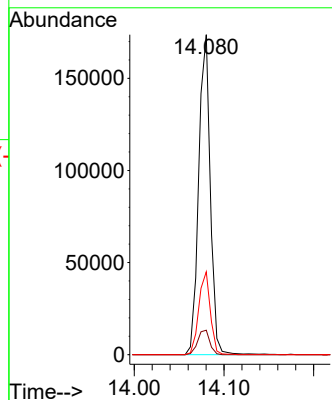
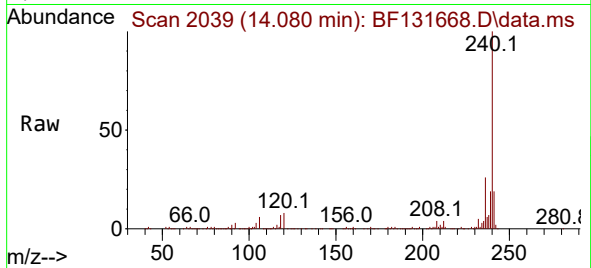




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

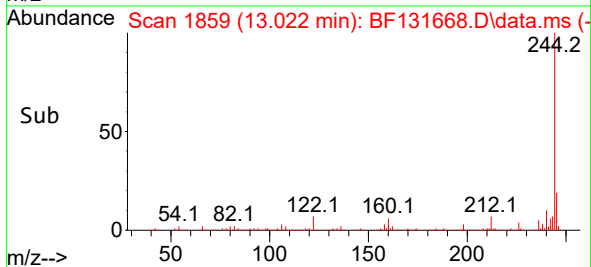
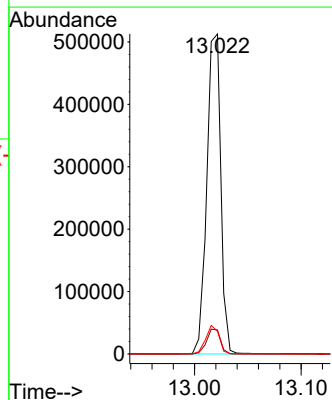
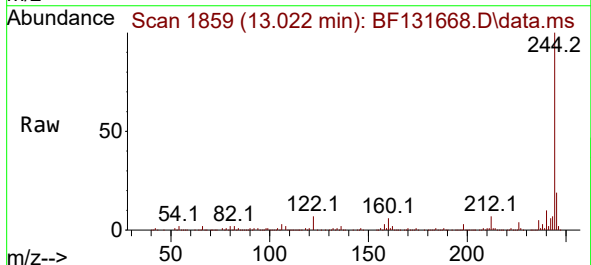
Instrument :
BNA_F
ClientSampleId :
RB-39-(3-5)

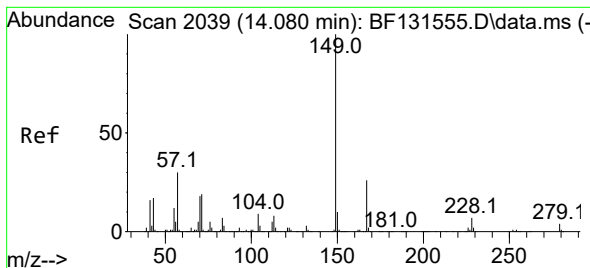
Tgt Ion:240 Resp: 155948
Ion Ratio Lower Upper
240 100
120 7.6 4.6 7.0#
236 25.9 20.2 30.2



#79
Terphenyl-d14
Concen: 41.287 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

Tgt Ion:244 Resp: 469495
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 7.1 7.1 10.7#

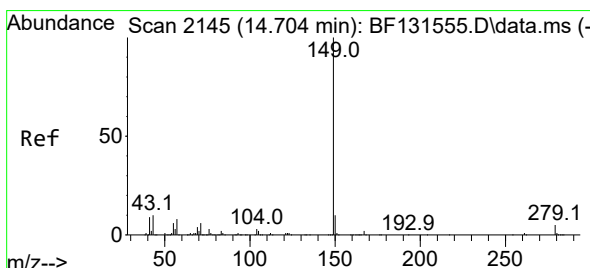
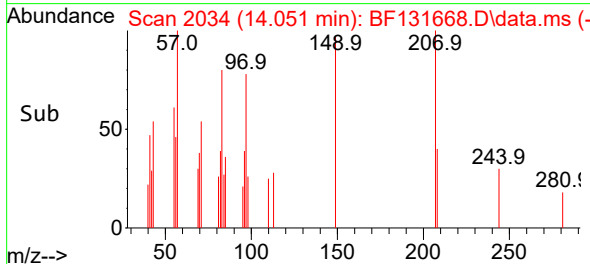
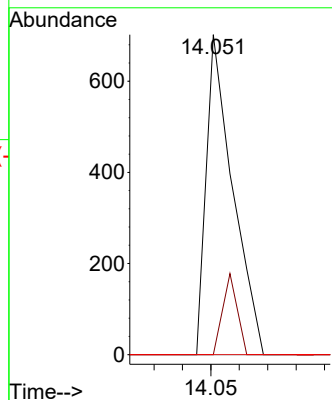
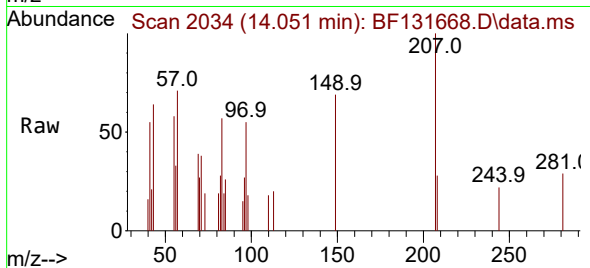




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.102 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

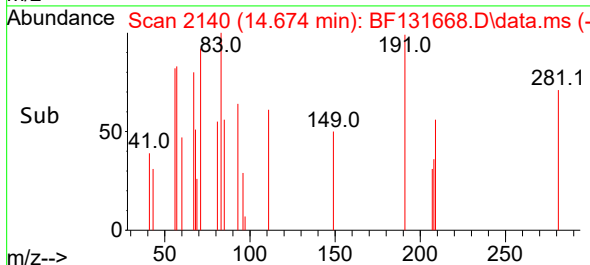
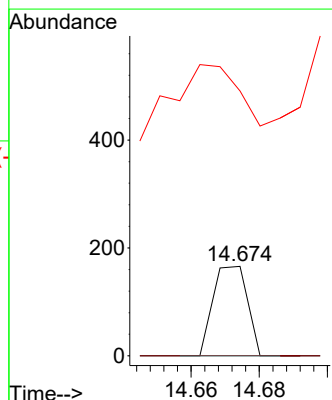
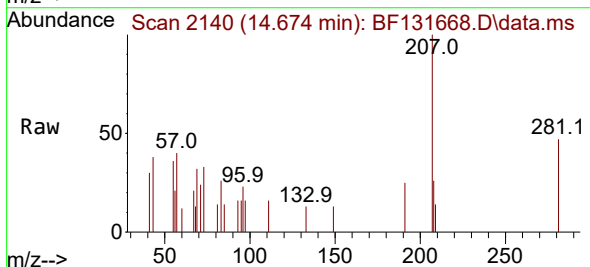
Instrument :
BNA_F
ClientSampleId :
RB-39-(3-5)

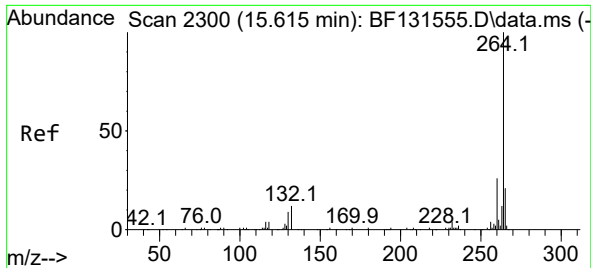
Tgt Ion:149 Resp: 454
Ion Ratio Lower Upper
149 100
167 0.0 20.8 31.2#
279 0.0 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 5.229 ng
RT: 14.674 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BF131668.D
Acq: 16 Dec 2022 15:59

Tgt Ion:149 Resp: 116
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 175.0 8.6 13.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131668.D
 Acq: 16 Dec 2022 15:59

Instrument :
 BNA_F
 ClientSampleId :
 RB-39-(3-5)

Tgt Ion:264 Resp: 140054
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.6 30.8
 265 22.3 16.8 25.2

