

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131566.D
 Acq On : 09 Dec 2022 14:52
 Operator : CG\JU
 Sample : PB149479BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149479BL

Quant Time: Dec 10 03:58:37 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 09 06:08:27 2022
 Response via : Initial Calibration

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

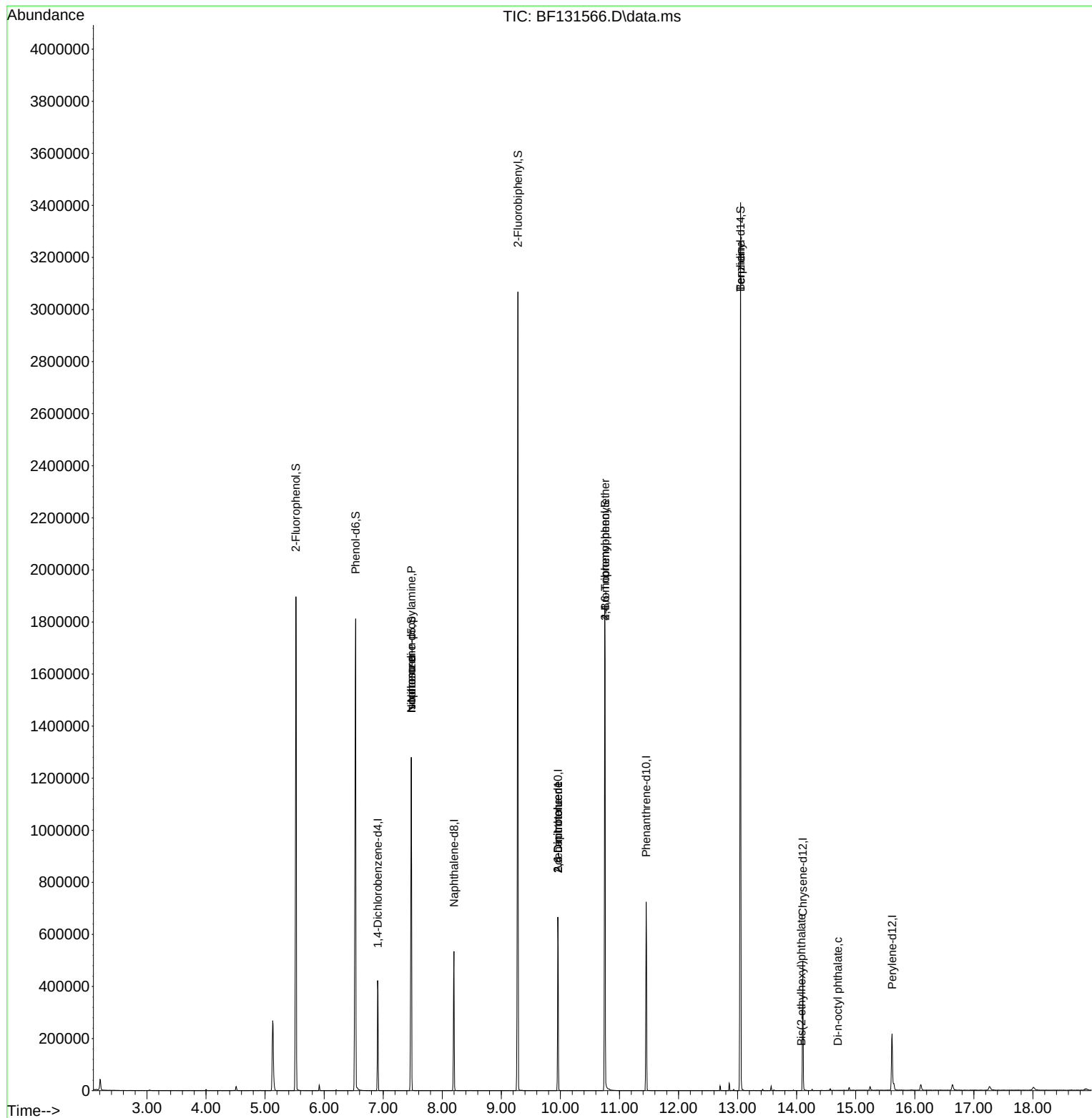
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	54823	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	208285	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	128541	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	250523	20.000	ng	0.00
76) Chrysene-d12	14.104	240	159811	20.000	ng	0.00
86) Perylene-d12	15.615	264	111736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	498684	151.751	ng	0.01
7) Phenol-d6	6.534	99	630975	146.523	ng	0.00
23) Nitrobenzene-d5	7.475	82	459336	83.376	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	202917	142.086	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	843850	82.774	ng	0.00
79) Terphenyl-d14	13.051	244	1114324	95.625	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.475	70	65836	20.389	ng	# 80
25) Isophorone	7.475	82	459328	51.761	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	16761	8.285	ng	# 11
57) 2,4-Dinitrotoluene	9.957	165	16761	6.246	ng	# 17
67) 4-Bromophenyl-phenylether	10.757	248	14068	4.365	ng	# 1
77) Benzidine	13.051	184	18044	4.214	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.080	149	70	3.043	ng	# 54
85) Di-n-octyl phthalate	14.698	149	73	5.225	ng	# 1

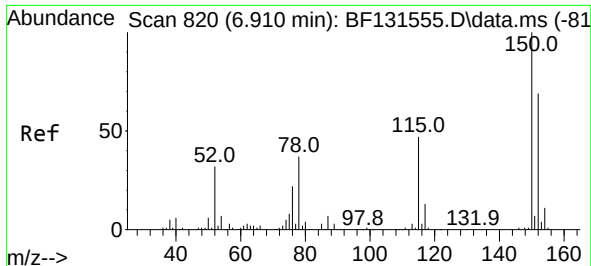
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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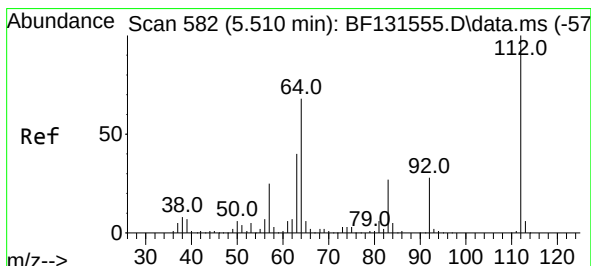
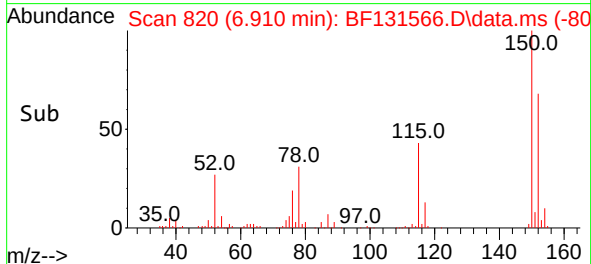
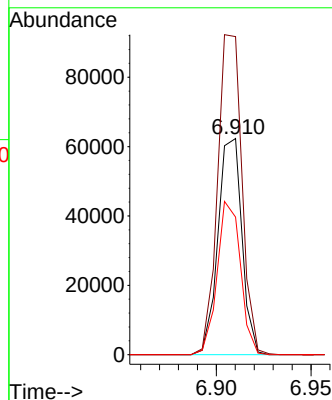
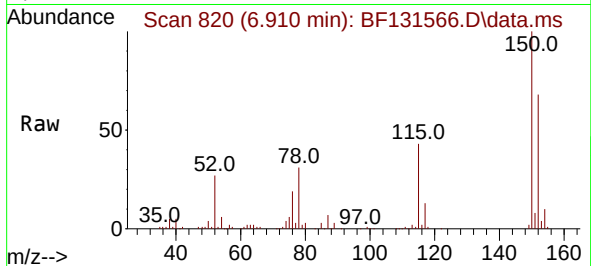




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

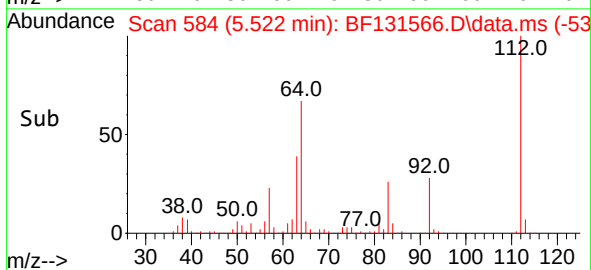
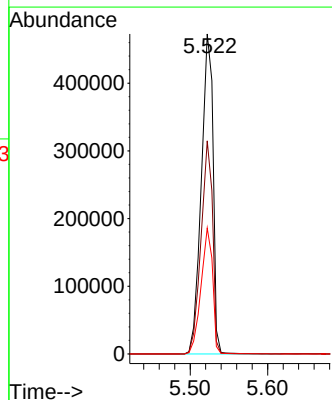
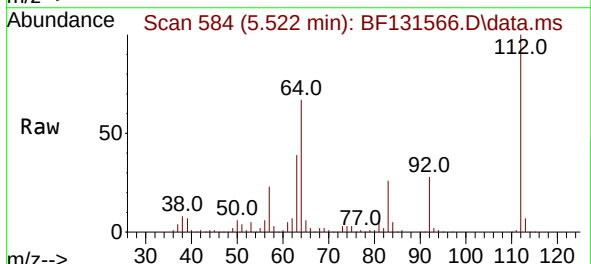
Instrument :
BNA_F
ClientSampleId :
PB149479BL

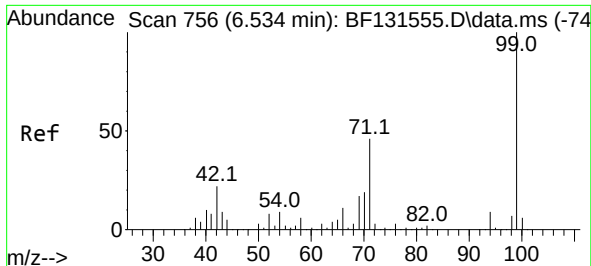
Tgt Ion:152 Resp: 54823
Ion Ratio Lower Upper
152 100
150 147.1 116.7 175.1
115 63.6 54.6 82.0



#5
2-Fluorophenol
Concen: 151.751 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

Tgt Ion:112 Resp: 498684
Ion Ratio Lower Upper
112 100
64 66.6 54.5 81.7
63 39.3 31.9 47.9

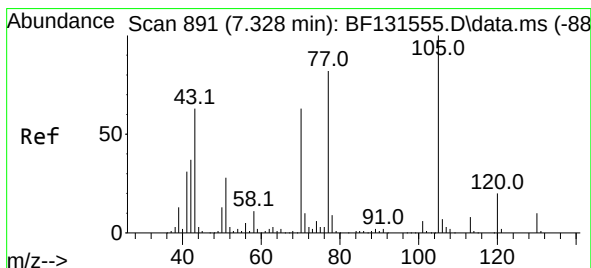
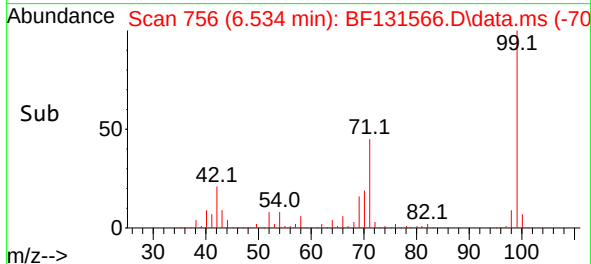
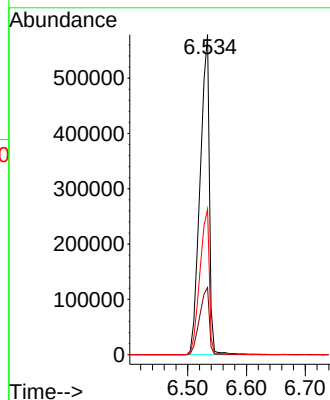
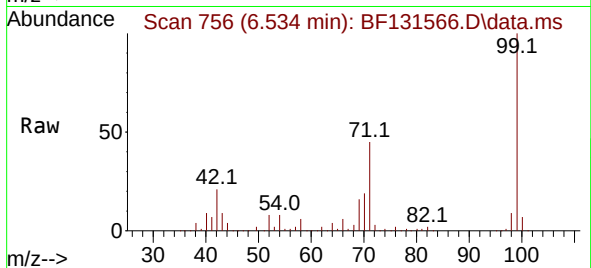




#7
Phenol-d6
Concen: 146.523 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

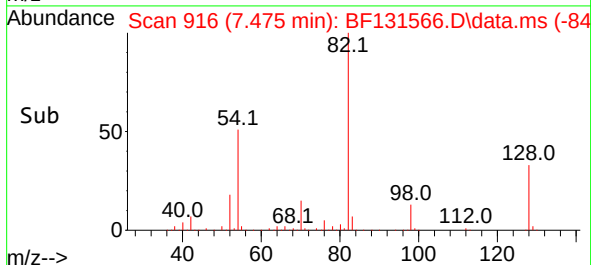
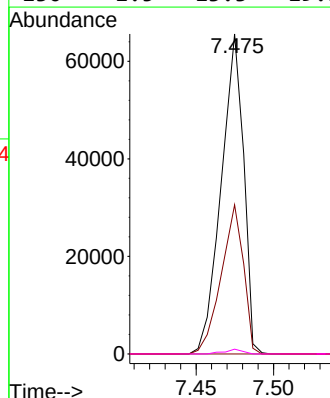
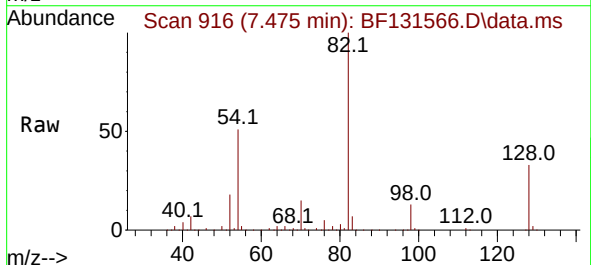
Instrument :
BNA_F
ClientSampleId :
PB149479BL

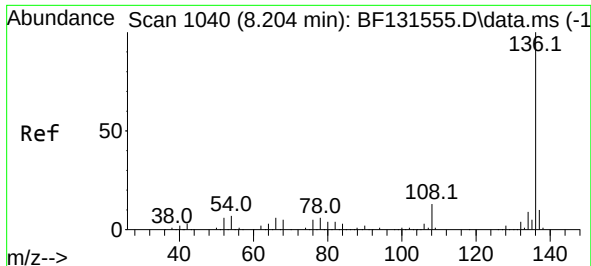
Tgt Ion: 99 Resp: 630975
Ion Ratio Lower Upper
99 100
42 21.0 17.9 26.9
71 45.4 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.389 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

Tgt Ion: 70 Resp: 65836
Ion Ratio Lower Upper
70 100
42 46.6 46.4 69.6
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#

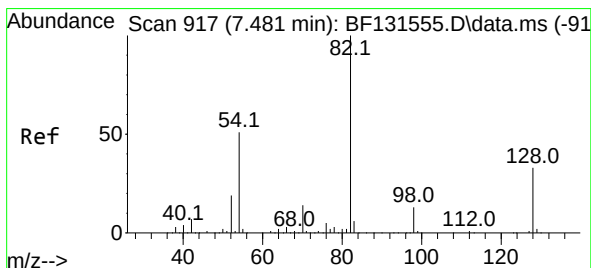
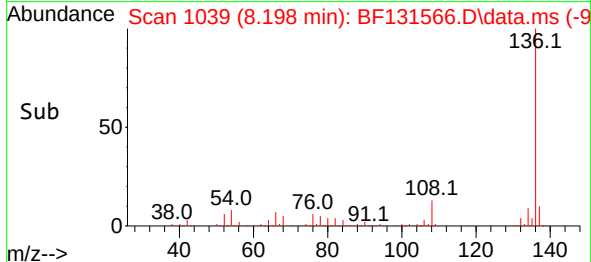
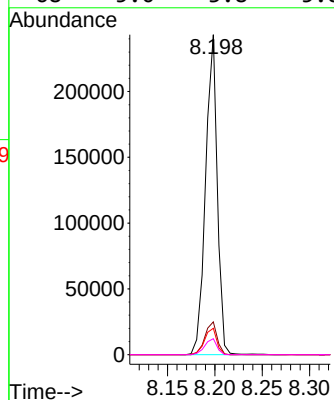
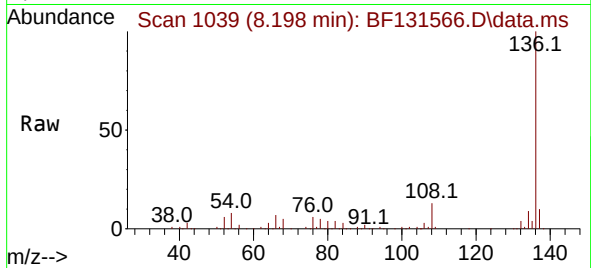




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

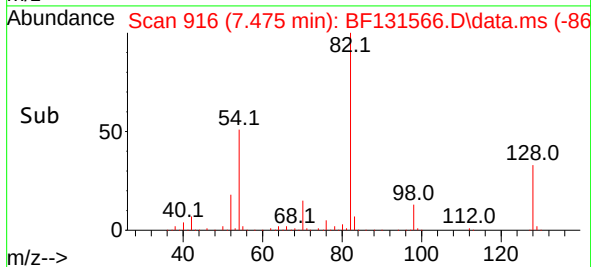
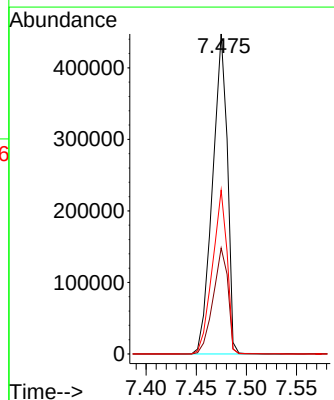
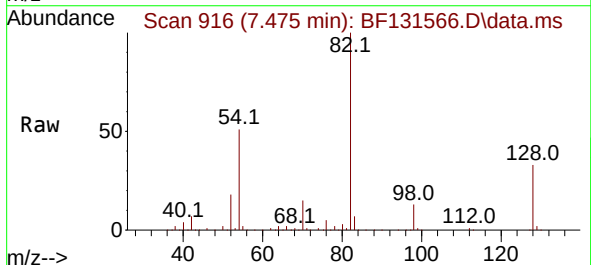
Instrument :
BNA_F
ClientSampleId :
PB149479BL

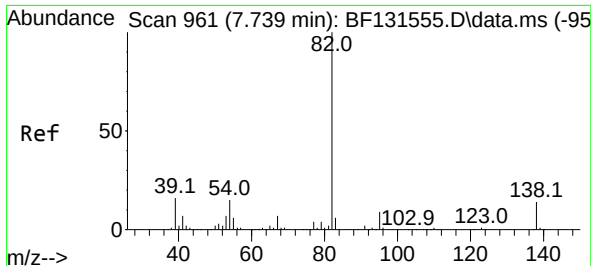
Tgt Ion:136	Resp: 208285
Ion Ratio	Lower Upper
136 100	
137 10.2	8.1 12.1
54 8.2	6.0 9.0
68 5.0	3.8 5.8



#23
Nitrobenzene-d5
Concen: 83.376 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

Tgt Ion: 82	Resp: 459336
Ion Ratio	Lower Upper
82 100	
128 33.1	26.1 39.1
54 51.2	40.6 60.8

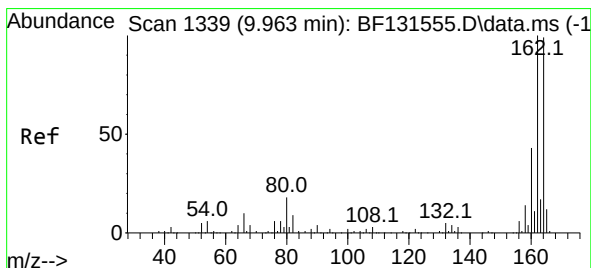
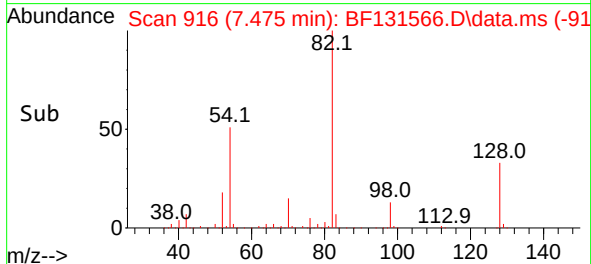
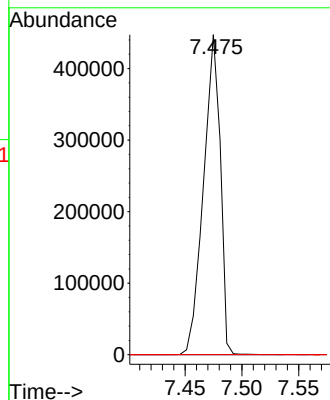
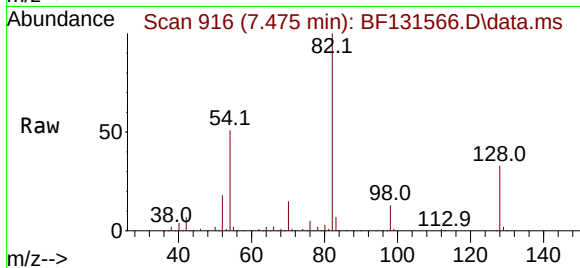




#25
Isophorone
Concen: 51.761 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

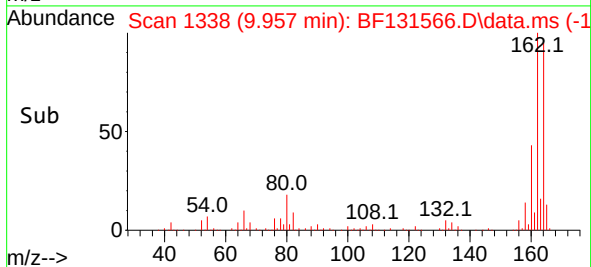
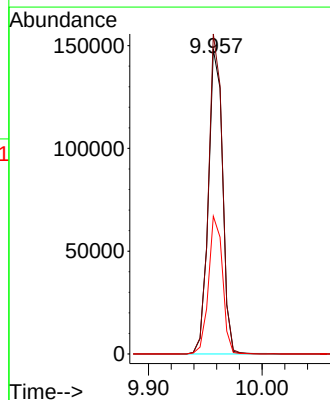
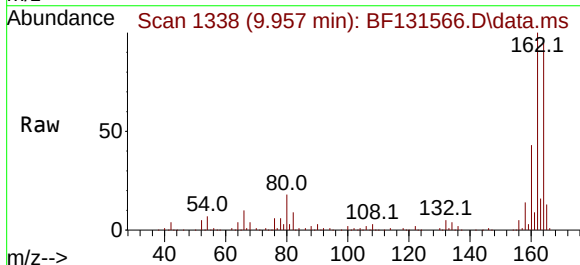
Instrument :
BNA_F
ClientSampleId :
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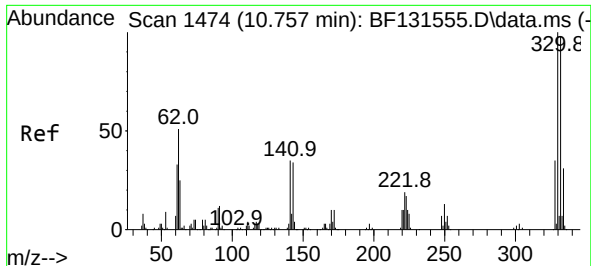
Tgt Ion: 82 Resp: 459328
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

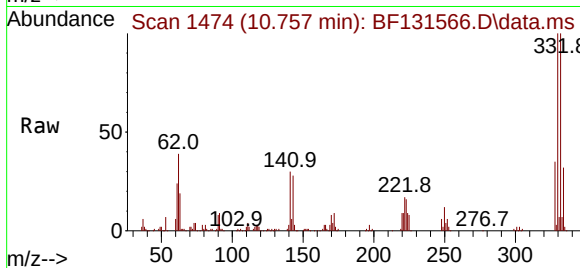
Tgt Ion:164 Resp: 128541
Ion Ratio Lower Upper
164 100
162 105.1 81.0 121.6
160 45.2 35.0 52.6



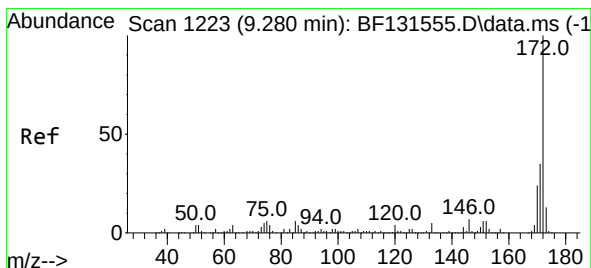
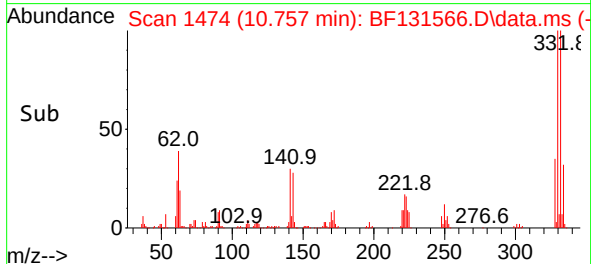
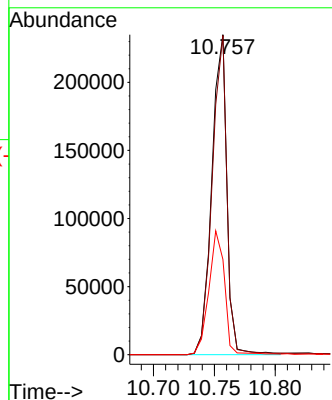


#42
2,4,6-Tribromophenol
Concen: 142.086 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

Instrument :
BNA_F
ClientSampleId :
PB149479BL

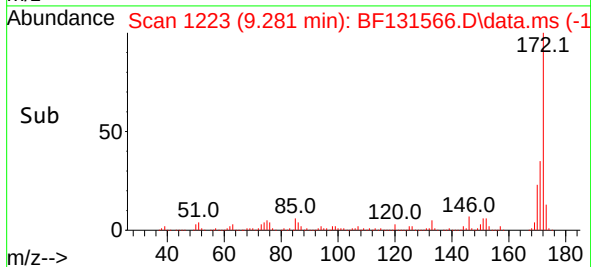
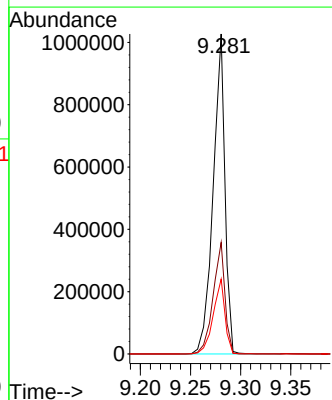
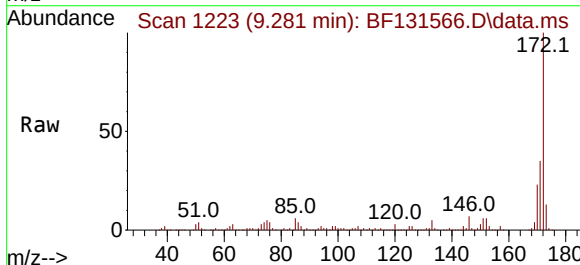


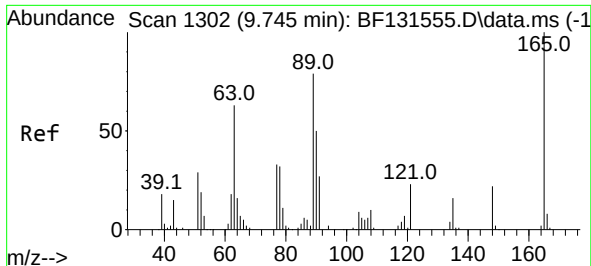
Tgt Ion:330 Resp: 202917
Ion Ratio Lower Upper
330 100
332 98.6 78.3 117.5
141 40.5 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 82.774 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

Tgt Ion:172 Resp: 843850
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.4 19.3 28.9

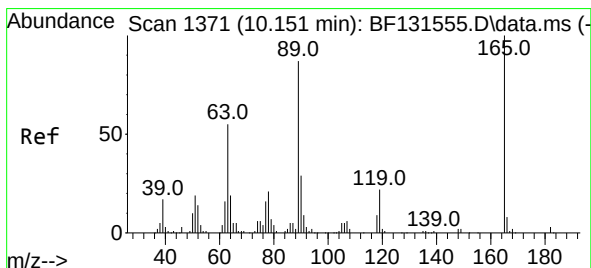
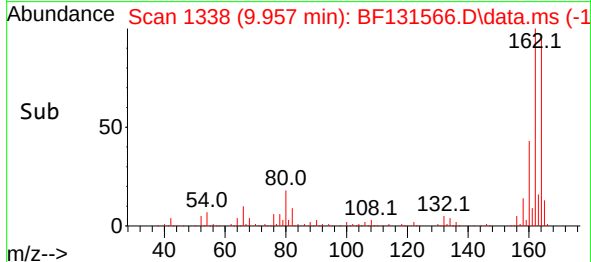
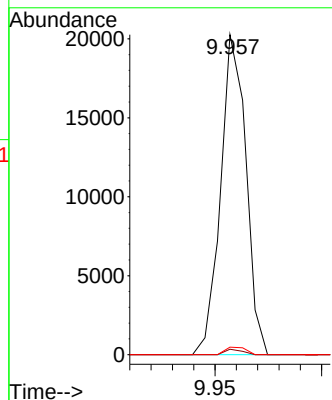
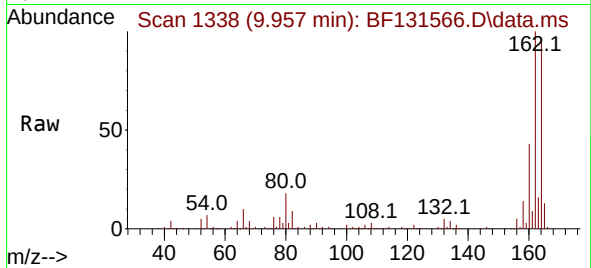




#51
2,6-Dinitrotoluene
Concen: 8.285 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

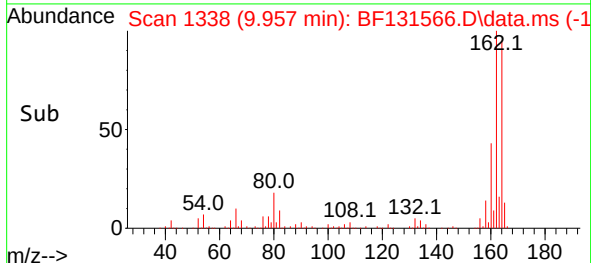
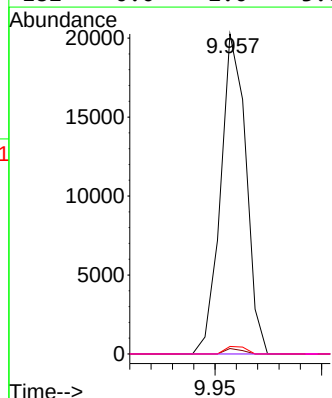
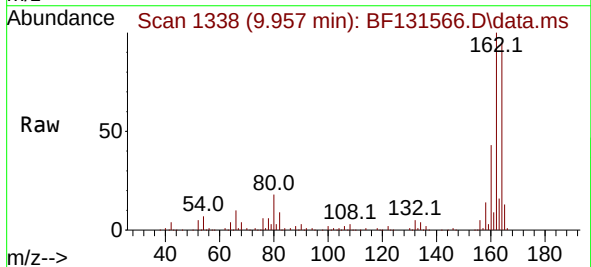
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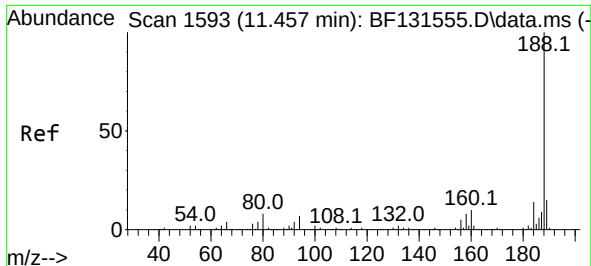
Tgt Ion:165 Resp: 16761
Ion Ratio Lower Upper
165 100
63 1.7 67.9 101.9#
89 2.4 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.246 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

Tgt Ion:165 Resp: 16761
Ion Ratio Lower Upper
165 100
63 1.7 44.4 66.6#
89 2.4 69.6 104.4#
182 0.0 2.0 3.0#

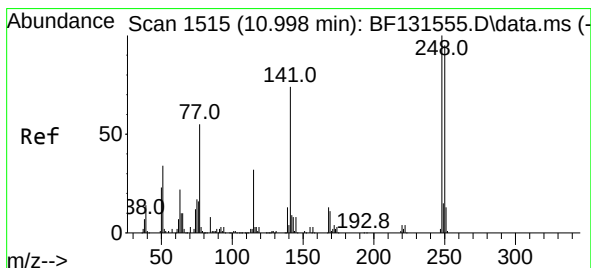
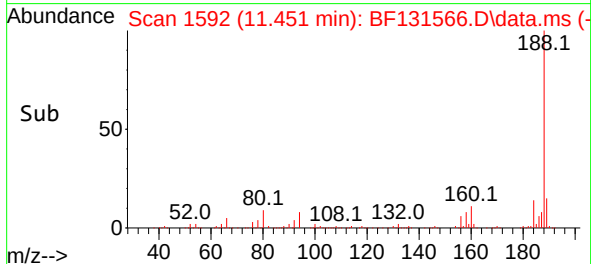
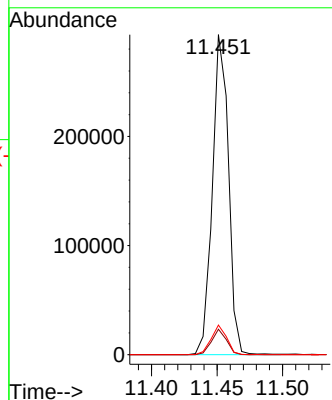
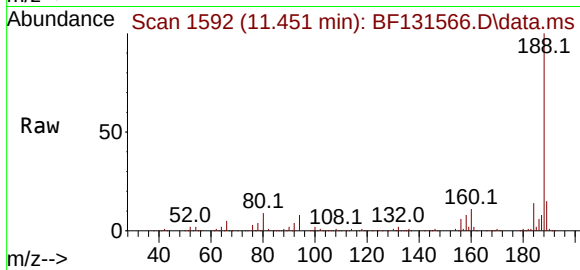




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

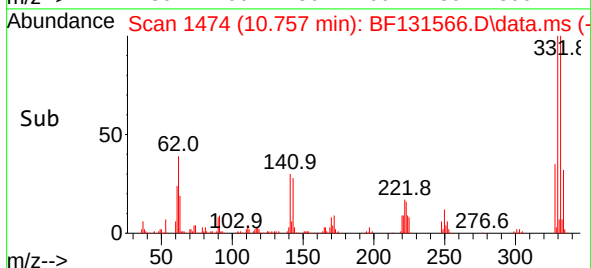
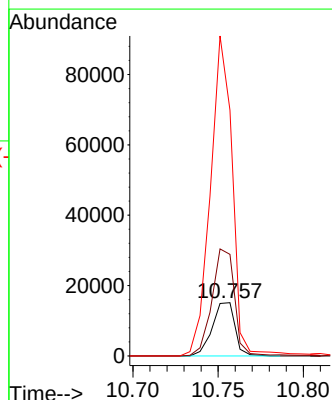
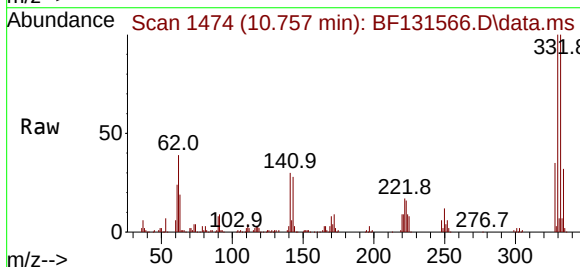
Instrument :
BNA_F
ClientSampleId :
PB149479BL

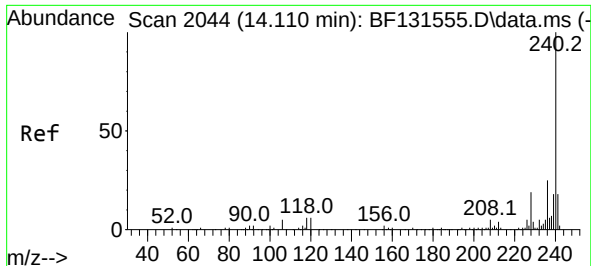
Tgt Ion:188 Resp: 250523
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 9.3 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.365 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.241 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

Tgt Ion:248 Resp: 14068
Ion Ratio Lower Upper
248 100
250 190.5 76.2 114.2#
141 460.9 59.5 89.3#

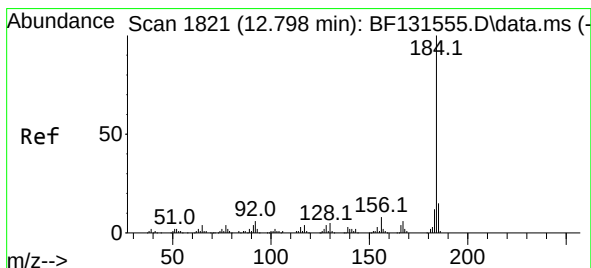
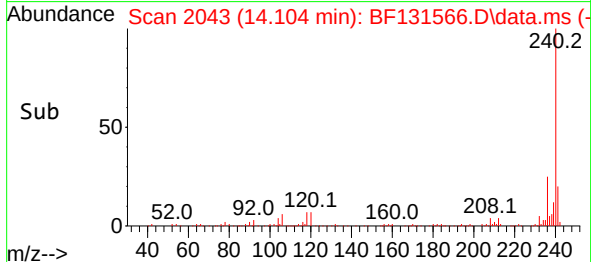
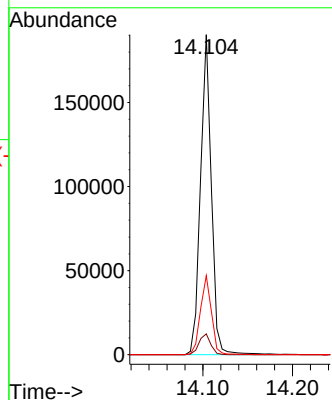
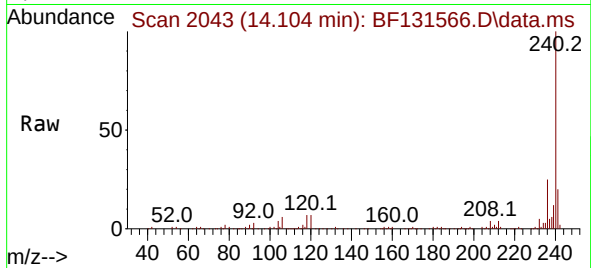




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

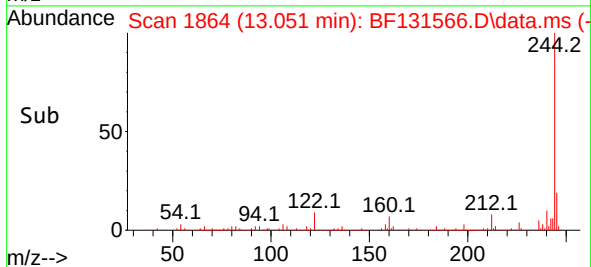
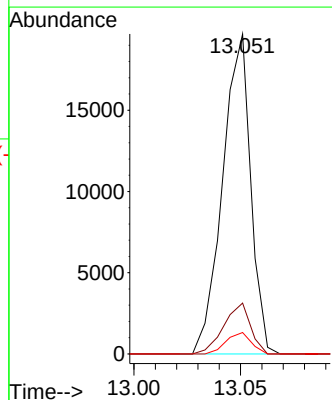
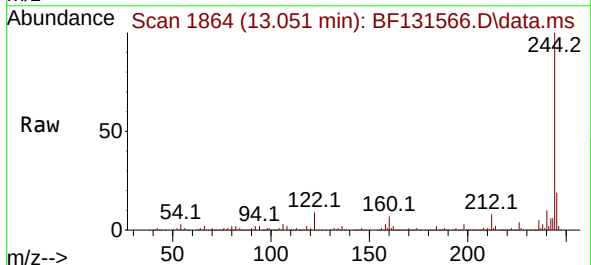
Instrument :
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ClientSampleId :
PB149479BL

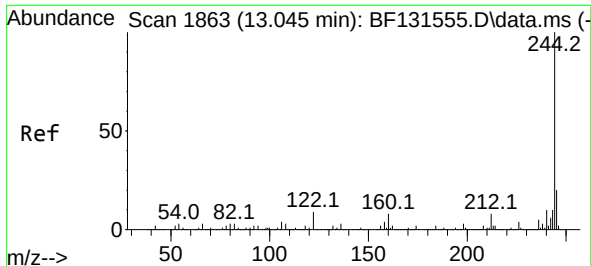
Tgt Ion:240 Resp: 159811
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 24.7 20.2 30.2



#77
Benzidine
Concen: 4.214 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.253 min
Lab File: BF131566.D
Acq: 09 Dec 2022 14:52

Tgt Ion:184 Resp: 18044
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 6.7 9.3 13.9#

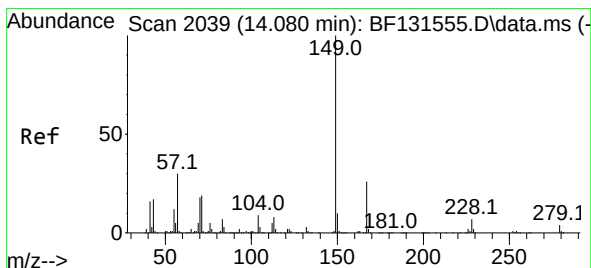
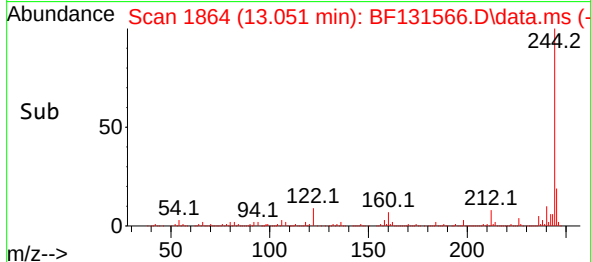
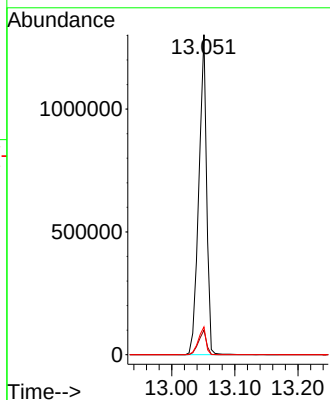
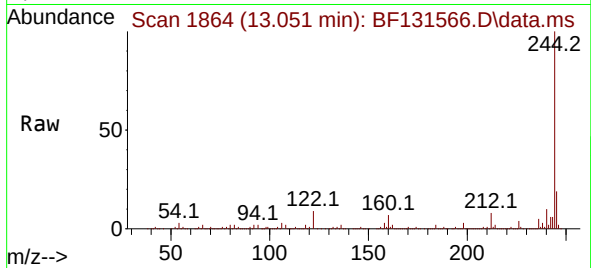




#79
 Terphenyl-d14
 Concen: 95.625 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131566.D
 Acq: 09 Dec 2022 14:52

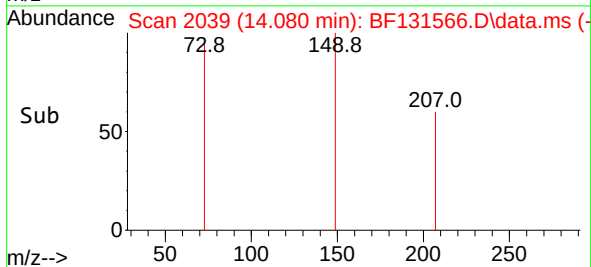
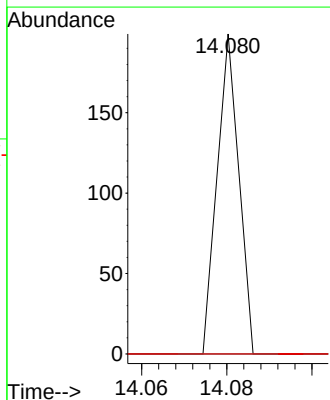
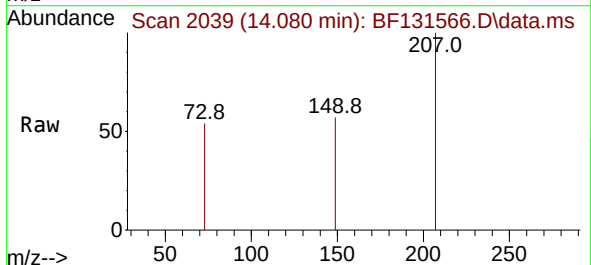
Instrument :
 BNA_F
 ClientSampleId :
 PB149479BL

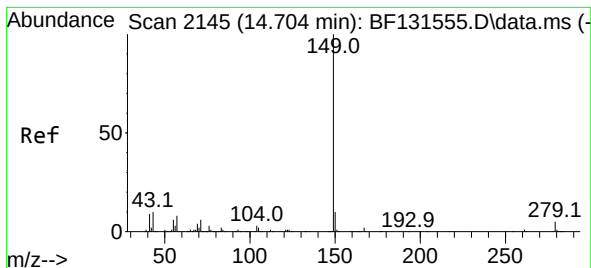
Tgt Ion:244 Resp: 1114324
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 8.7 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.043 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: BF131566.D
 Acq: 09 Dec 2022 14:52

Tgt Ion:149 Resp: 70
 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: 5.225 ng

RT: 14.698 min Scan# 2144

Delta R.T. -0.006 min

Lab File: BF131566.D

Acq: 09 Dec 2022 14:52

Instrument :

BNA_F

ClientSampleId :

PB149479BL

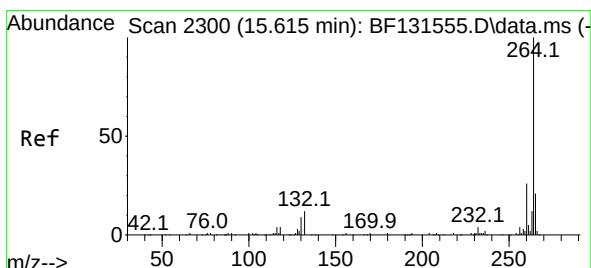
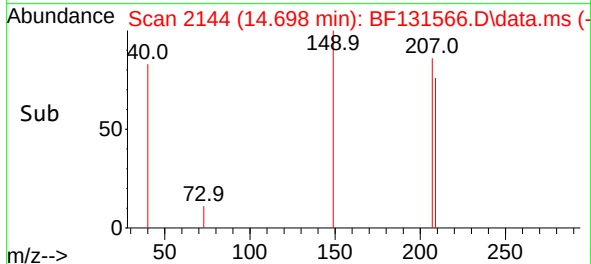
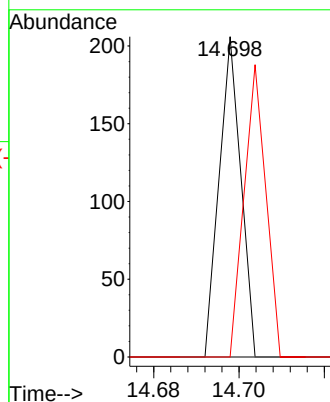
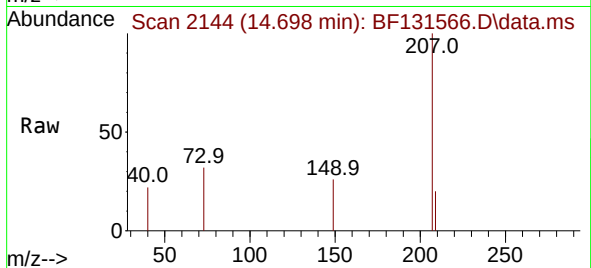
Tgt Ion:149 Resp: 73

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 90.4 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 2300

Delta R.T. 0.000 min

Lab File: BF131566.D

Acq: 09 Dec 2022 14:52

Tgt Ion:264 Resp: 111736

Ion Ratio Lower Upper

264 100

260 23.7 20.6 30.8

265 21.6 16.8 25.2

