

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131567.D
 Acq On : 09 Dec 2022 15:24
 Operator : CG\JU
 Sample : PB149504BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149504BL

Quant Time: Dec 10 03:59:02 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 09 06:08:27 2022
 Response via : Initial Calibration

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

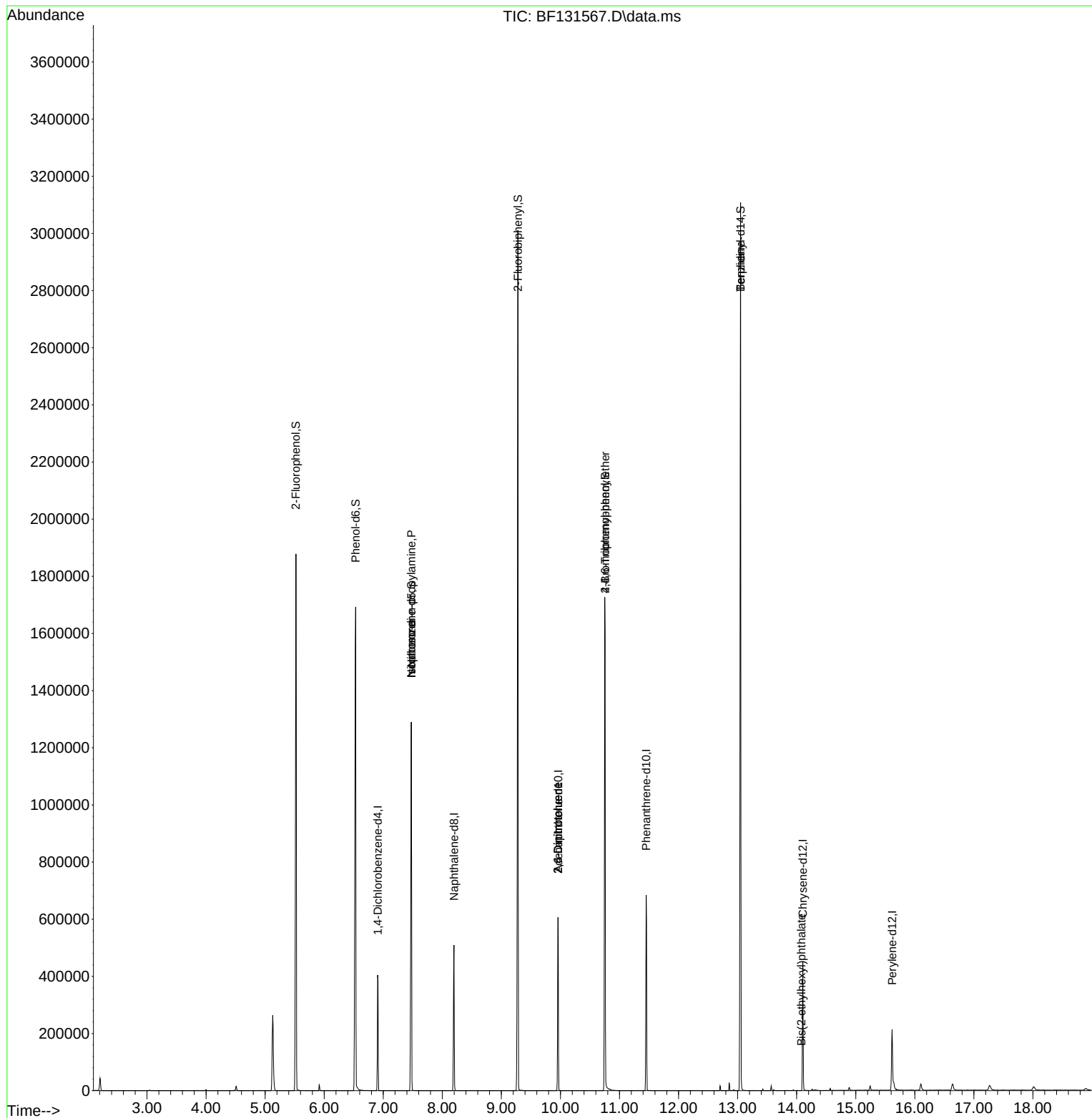
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	53864	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	201141	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	124614	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	242630	20.000	ng	0.00
76) Chrysene-d12	14.104	240	144106	20.000	ng	0.00
86) Perylene-d12	15.615	264	105844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	489856	151.719	ng	0.01
7) Phenol-d6	6.534	99	614222	145.172	ng	0.00
23) Nitrobenzene-d5	7.475	82	444208	83.494	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	198902	143.663	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	825481	83.524	ng	0.00
79) Terphenyl-d14	13.051	244	1019807	97.051	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	64416	20.304	ng	# 79
25) Isophorone	7.475	82	443376	51.738	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	16242	8.282	ng	# 11
57) 2,4-Dinitrotoluene	9.957	165	16242	6.243	ng	# 16
67) 4-Bromophenyl-phenylether	10.757	248	13427	4.302	ng	# 1
77) Benzidine	13.051	184	16741	4.336	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.080	149	58	3.042	ng	# 54

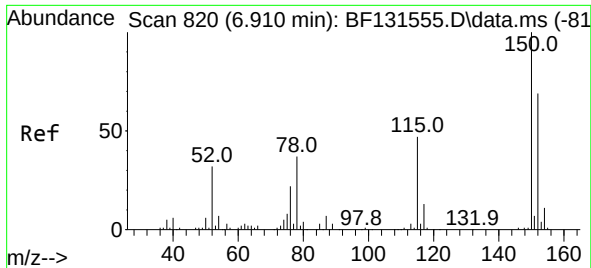
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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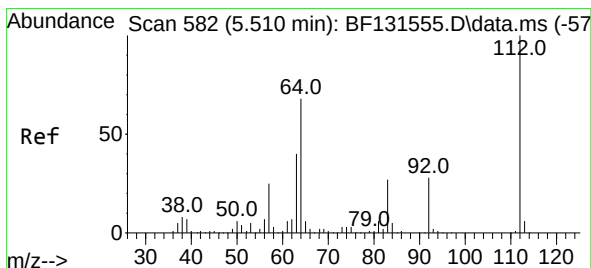
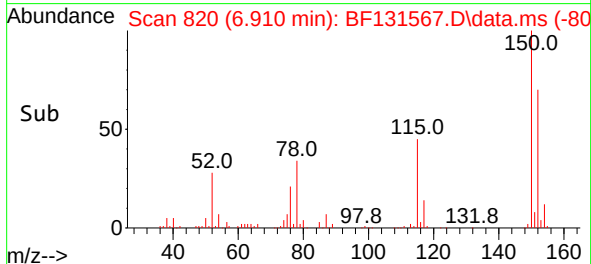
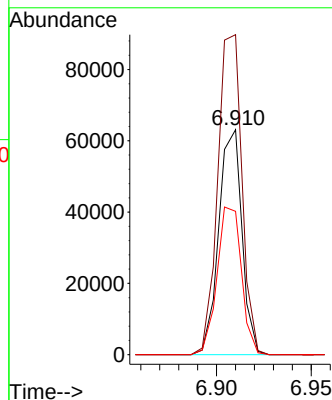
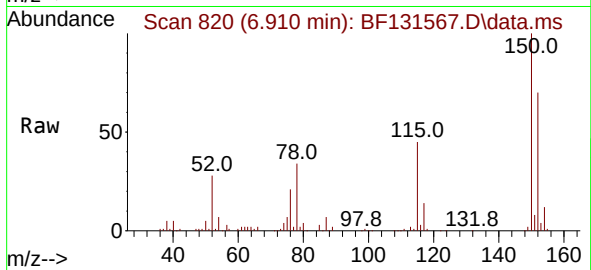




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

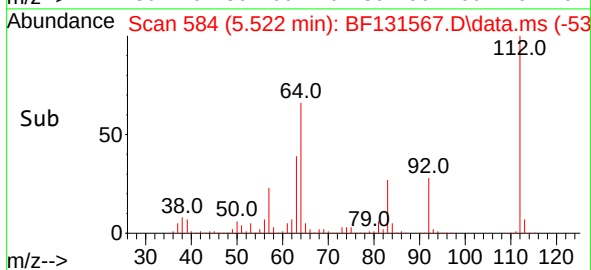
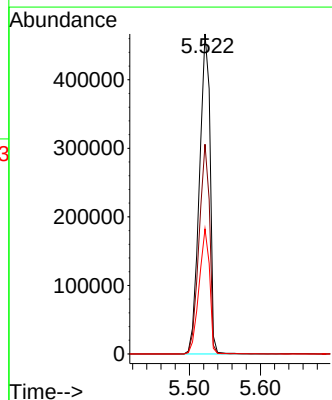
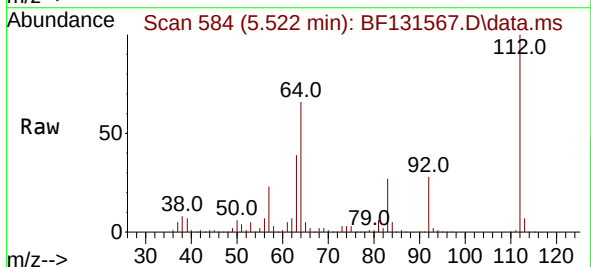
Instrument :
BNA_F
ClientSampleId :
PB149504BL

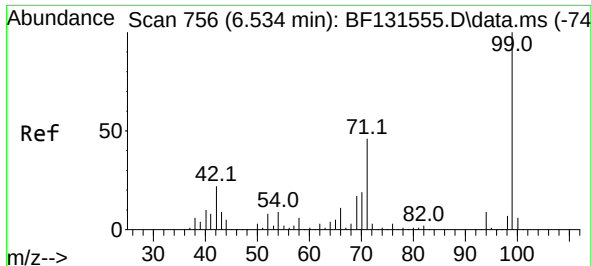
Tgt Ion:152 Resp: 53864
Ion Ratio Lower Upper
152 100
150 142.2 116.7 175.1
115 63.7 54.6 82.0



#5
2-Fluorophenol
Concen: 151.719 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

Tgt Ion:112 Resp: 489856
Ion Ratio Lower Upper
112 100
64 65.6 54.5 81.7
63 39.1 31.9 47.9

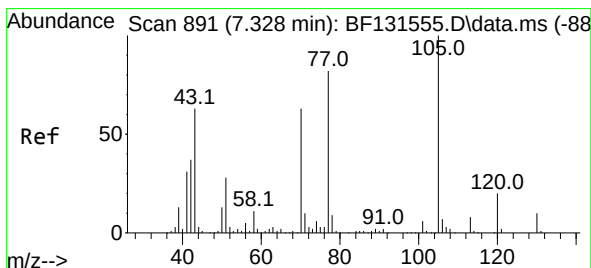
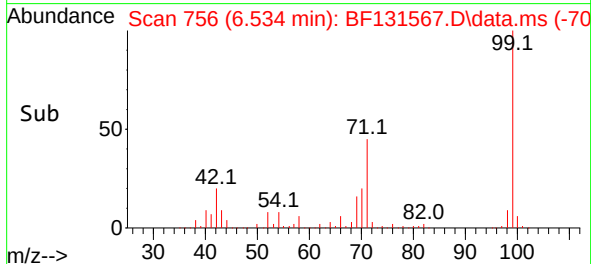
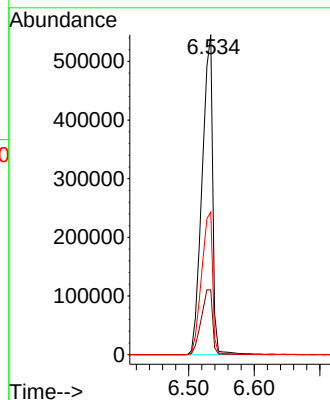
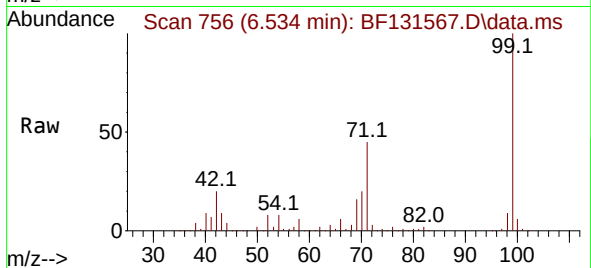




#7
Phenol-d6
Concen: 145.172 ng
RT: 6.534 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

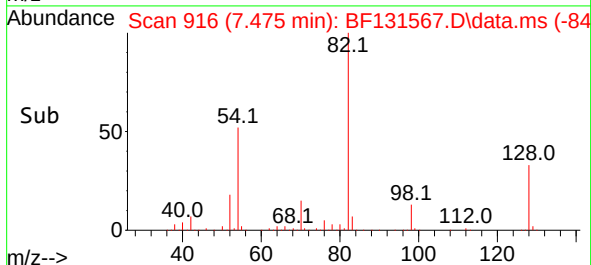
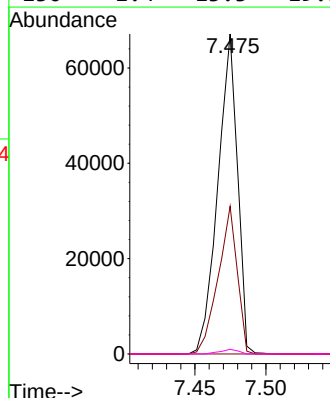
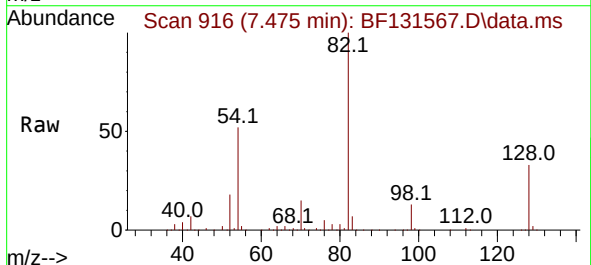
Instrument :
BNA_F
ClientSampleId :
PB149504BL

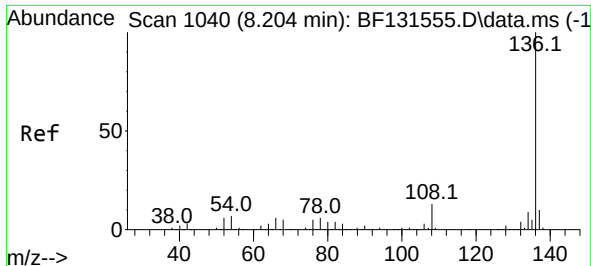
Tgt Ion: 99 Resp: 614222
Ion Ratio Lower Upper
99 100
42 20.2 17.9 26.9
71 44.5 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.304 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

Tgt Ion: 70 Resp: 64416
Ion Ratio Lower Upper
70 100
42 46.1 46.4 69.6#
101 0.0 7.2 10.8#
130 1.4 13.3 19.9#



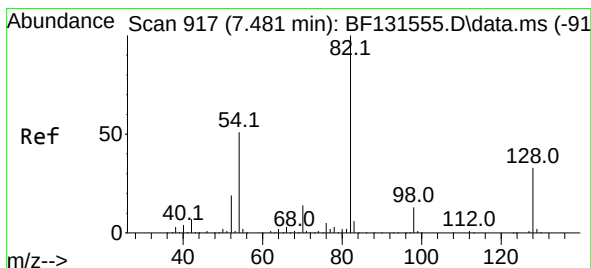
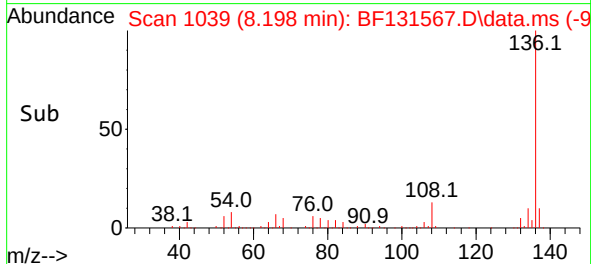
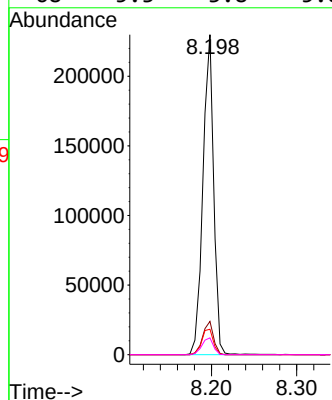
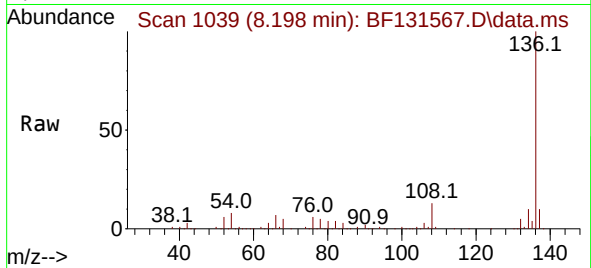


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

Instrument :
BNA_F
ClientSampleId :
PB149504BL

Tgt Ion:136 Resp: 201141

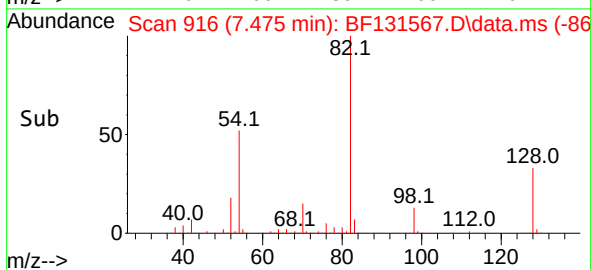
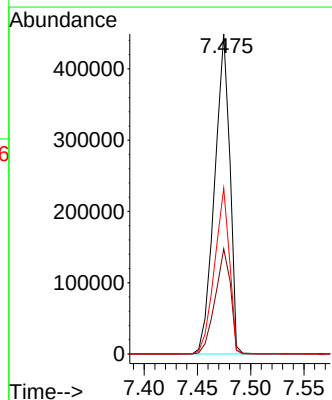
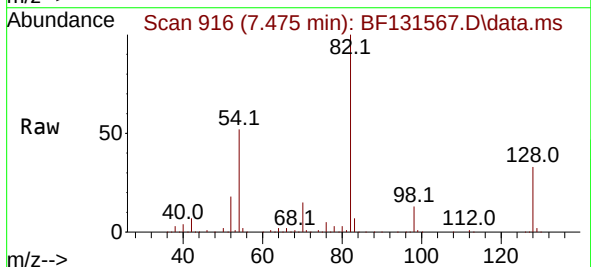
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.1	12.1
54	7.9	6.0	9.0
68	5.3	3.8	5.8

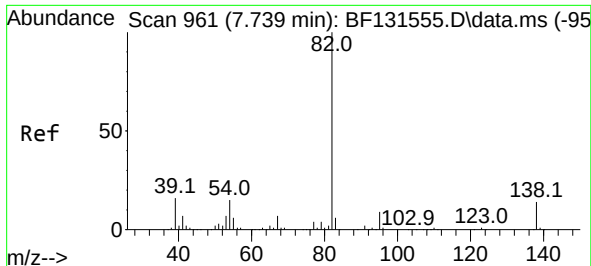


#23
Nitrobenzene-d5
Concen: 83.494 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

Tgt Ion: 82 Resp: 444208

Ion	Ratio	Lower	Upper
82	100		
128	32.9	26.1	39.1
54	51.8	40.6	60.8

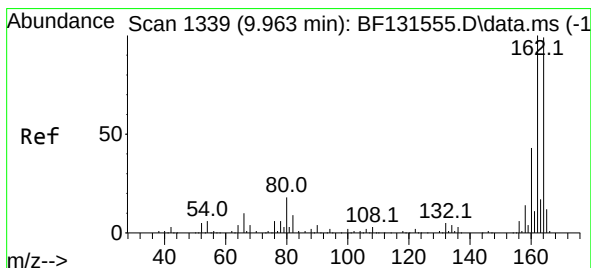
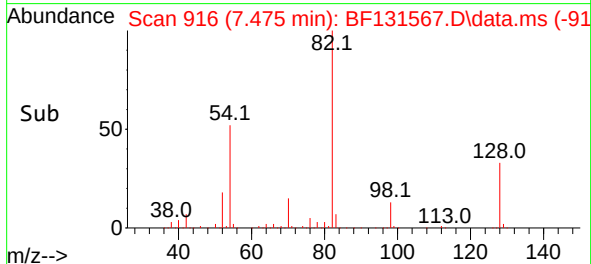
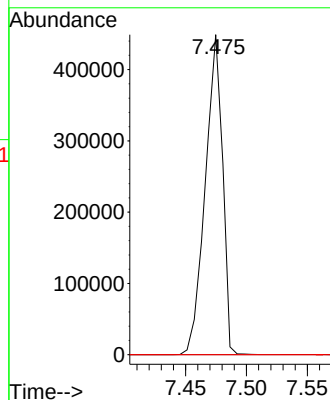
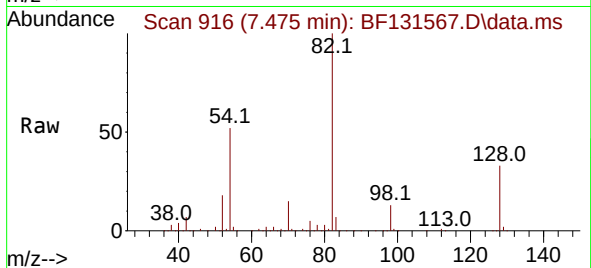




#25
Isophorone
Concen: 51.738 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

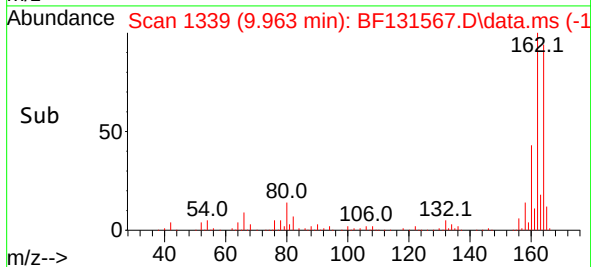
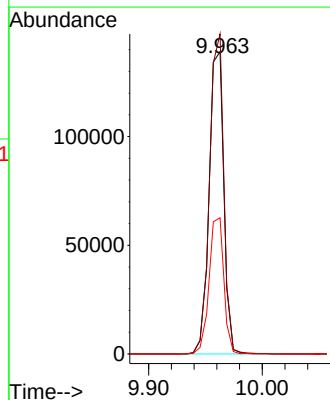
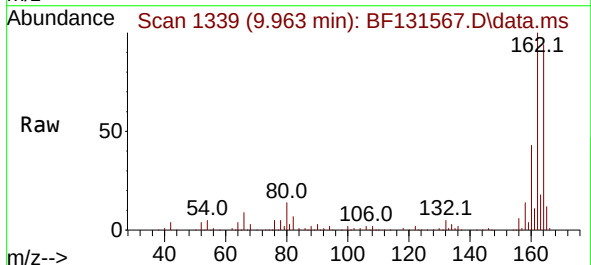
Instrument :
BNA_F
ClientSampleId :
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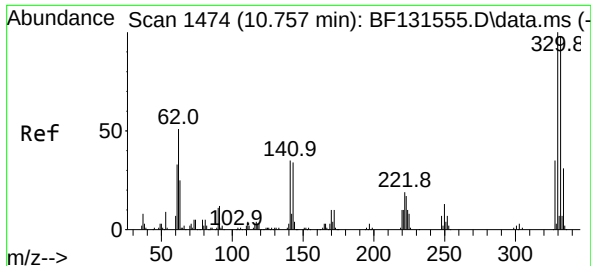
Tgt Ion: 82 Resp: 443376
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

Tgt Ion:164 Resp: 124614
Ion Ratio Lower Upper
164 100
162 105.9 81.0 121.6
160 45.1 35.0 52.6

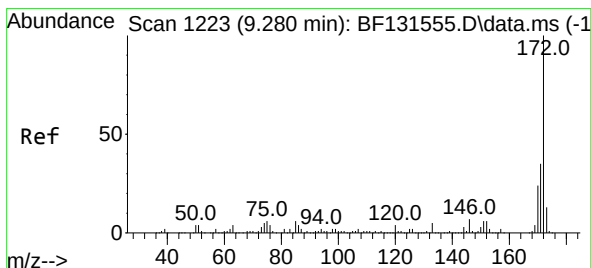
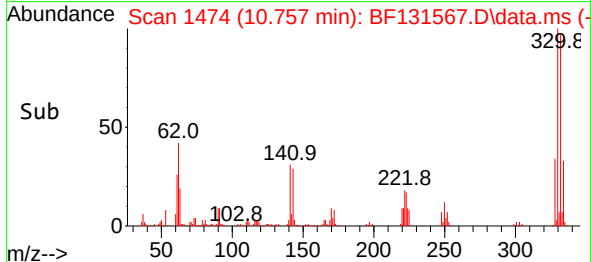
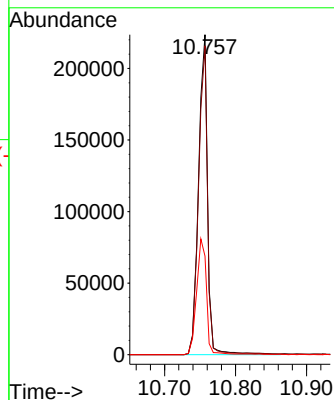
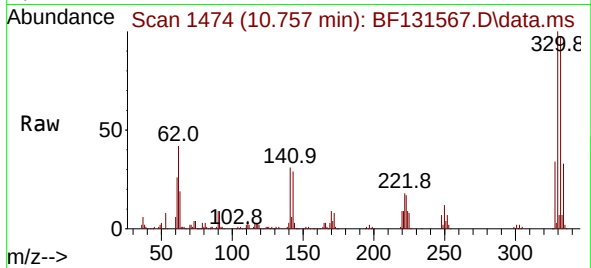




#42
 2,4,6-Tribromophenol
 Concen: 143.663 ng
 RT: 10.757 min Scan# 1474
 Delta R.T. 0.000 min
 Lab File: BF131567.D
 Acq: 09 Dec 2022 15:24

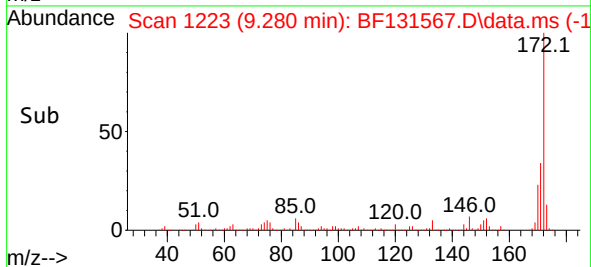
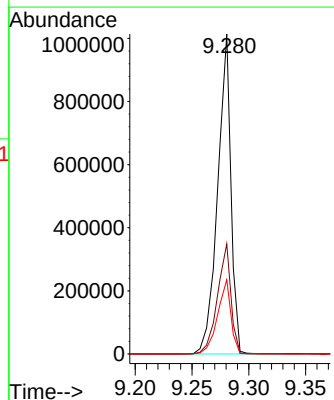
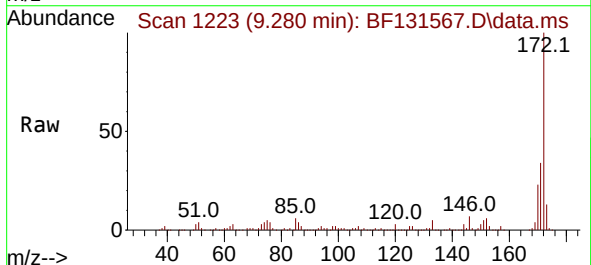
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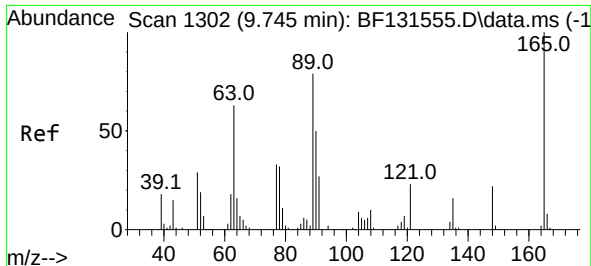
Tgt Ion:330 Resp: 198902
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.3 117.5
 141 39.6 32.6 49.0



#45
 2-Fluorobiphenyl
 Concen: 83.524 ng
 RT: 9.280 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: BF131567.D
 Acq: 09 Dec 2022 15:24

Tgt Ion:172 Resp: 825481
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.3 42.5
 170 23.2 19.3 28.9

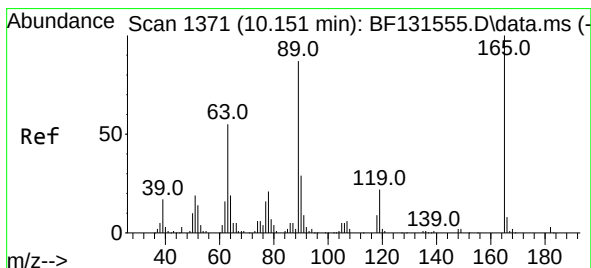
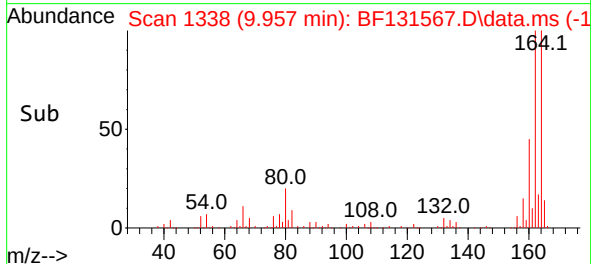
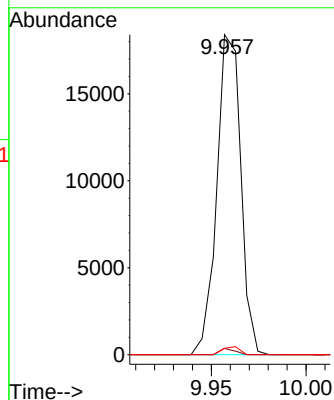
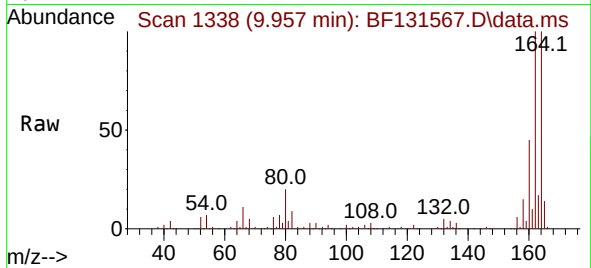




#51
2,6-Dinitrotoluene
Concen: 8.282 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

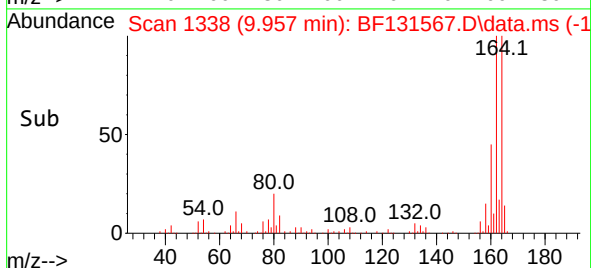
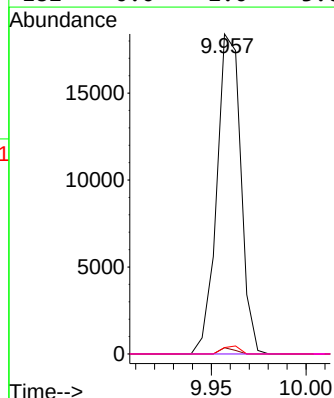
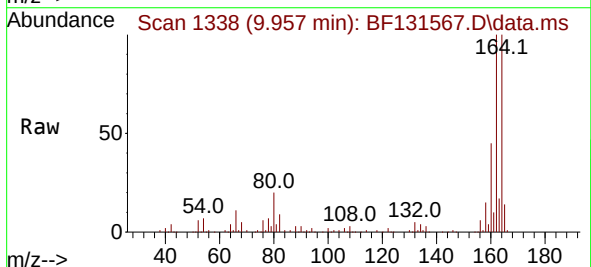
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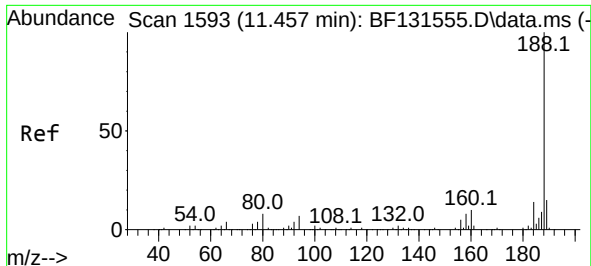
Tgt Ion:165 Resp: 16242
Ion Ratio Lower Upper
165 100
63 2.0 67.9 101.9#
89 2.0 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.243 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

Tgt Ion:165 Resp: 16242
Ion Ratio Lower Upper
165 100
63 2.0 44.4 66.6#
89 2.0 69.6 104.4#
182 0.0 2.0 3.0#

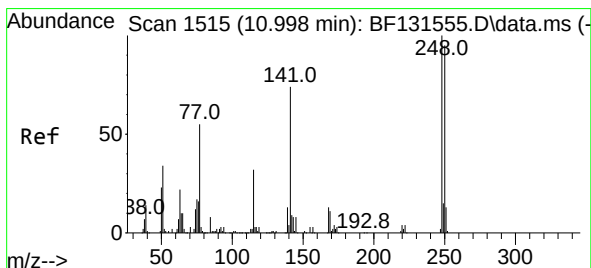
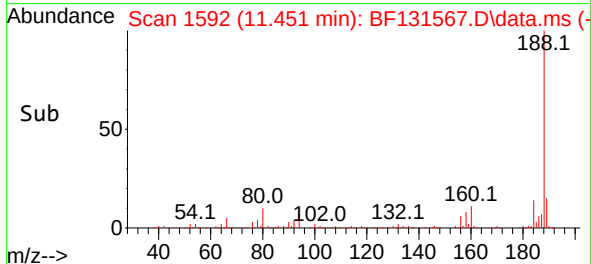
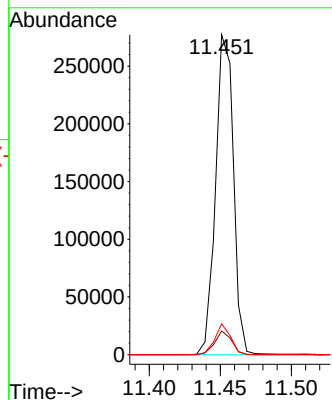
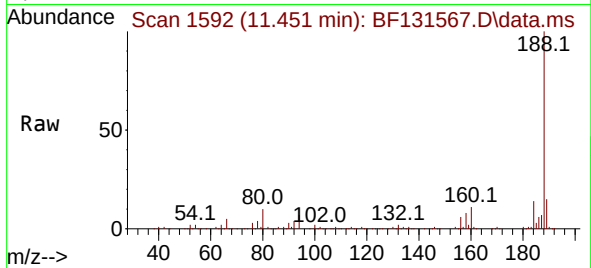




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

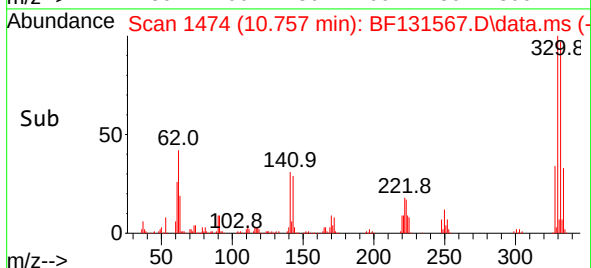
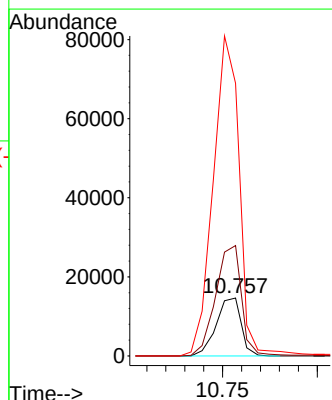
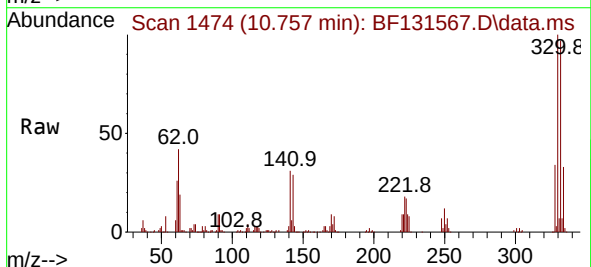
Instrument :
BNA_F
ClientSampleId :
PB149504BL

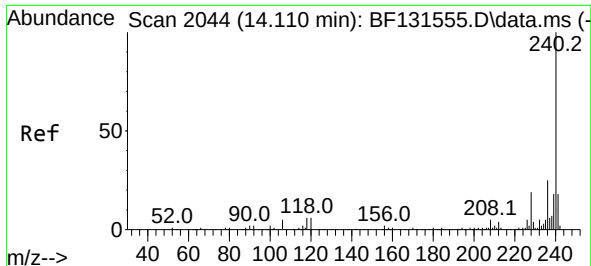
Tgt Ion:188 Resp: 242630
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 9.7 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.302 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.241 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

Tgt Ion:248 Resp: 13427
Ion Ratio Lower Upper
248 100
250 190.8 76.2 114.2#
141 470.7 59.5 89.3#

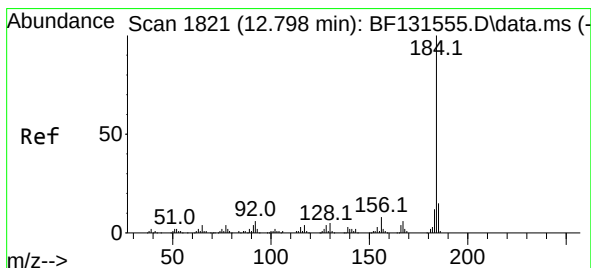
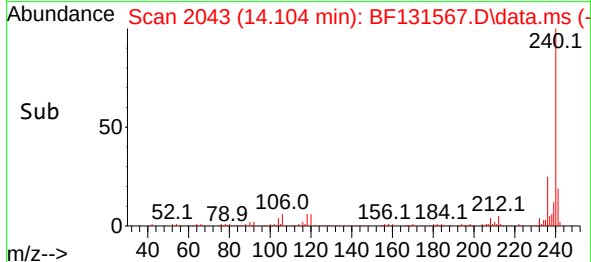
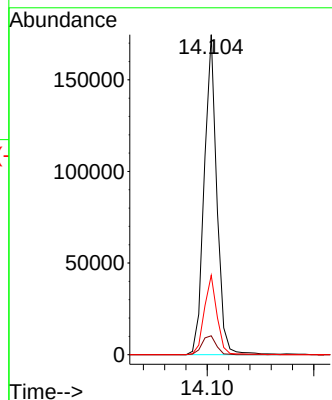
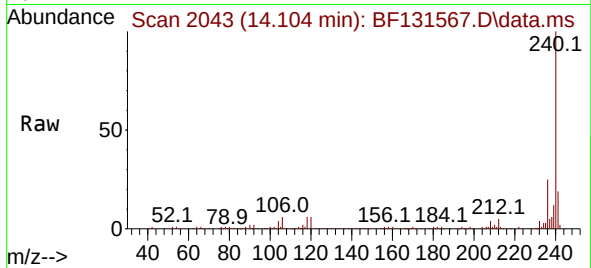




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

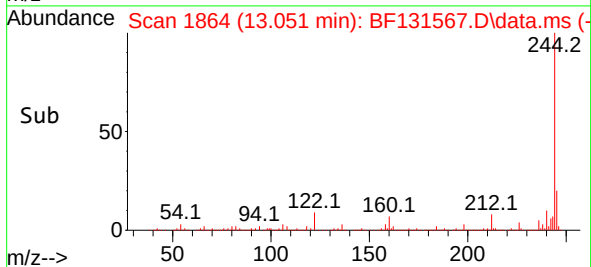
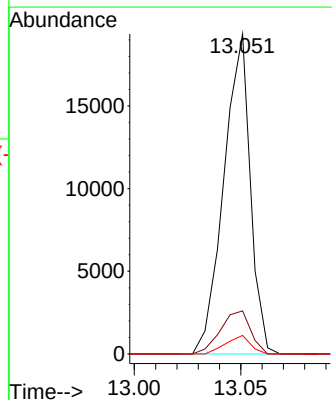
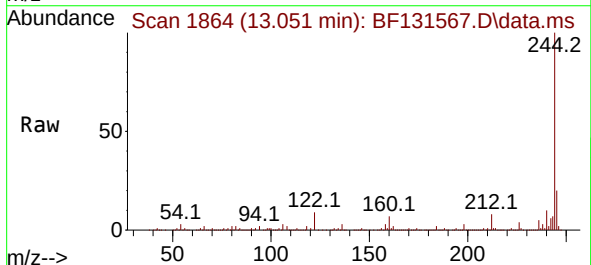
Instrument :
BNA_F
ClientSampleId :
PB149504BL

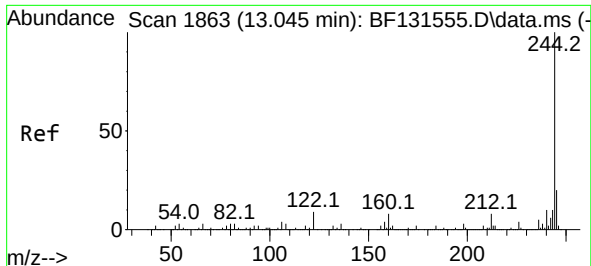
Tgt Ion:240 Resp: 144106
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 24.8 20.2 30.2



#77
Benzidine
Concen: 4.336 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.253 min
Lab File: BF131567.D
Acq: 09 Dec 2022 15:24

Tgt Ion:184 Resp: 16741
Ion Ratio Lower Upper
184 100
185 13.5 12.2 18.2
183 5.8 9.3 13.9#

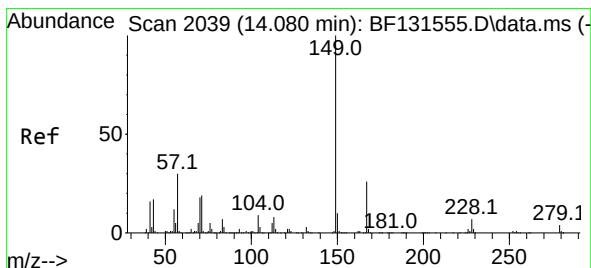
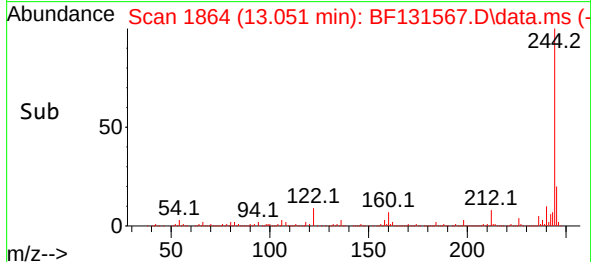
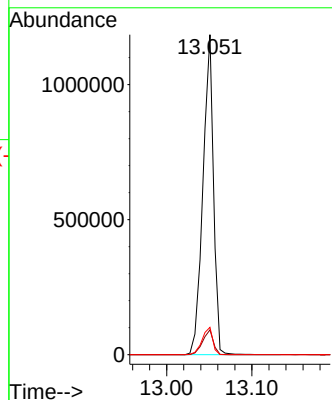
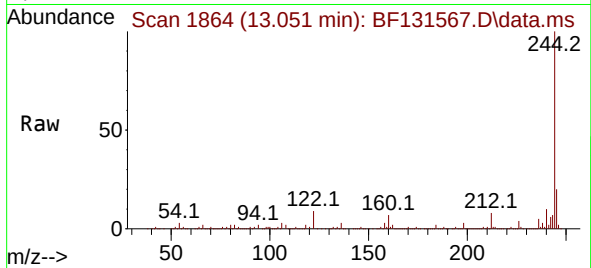




#79
 Terphenyl-d14
 Concen: 97.051 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131567.D
 Acq: 09 Dec 2022 15:24

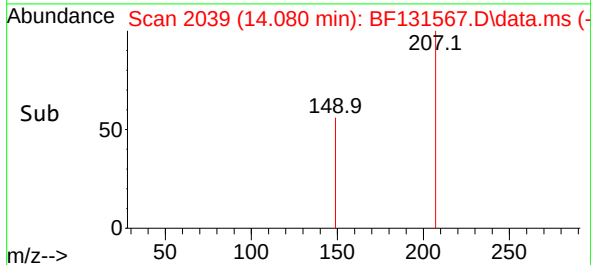
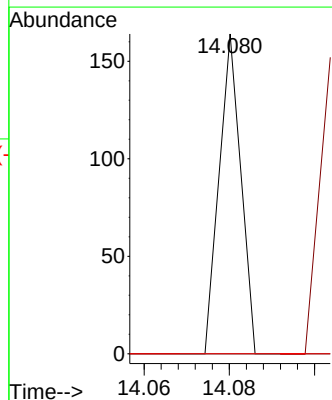
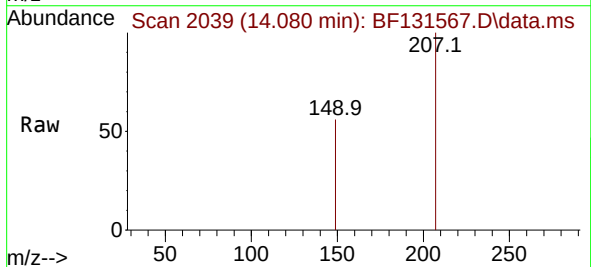
Instrument :
 BNA_F
 ClientSampleId :
 PB149504BL

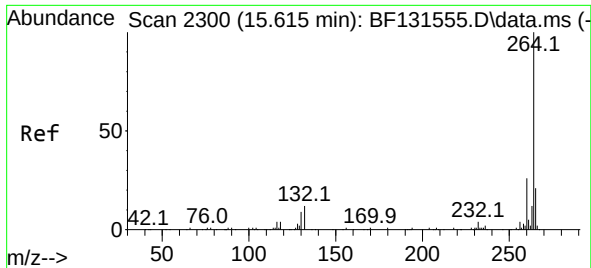
Tgt Ion:244 Resp: 1019807
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 8.5 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.042 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: BF131567.D
 Acq: 09 Dec 2022 15:24

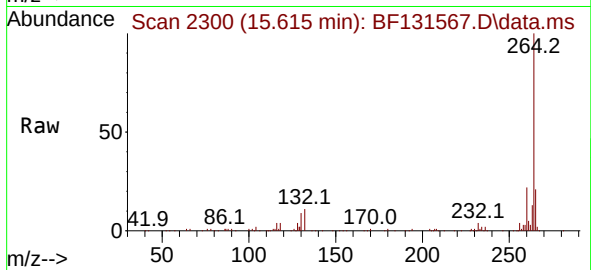
Tgt Ion:149 Resp: 58
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131567.D
 Acq: 09 Dec 2022 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB149504BL



Tgt Ion:264 Resp: 105844
 Ion Ratio Lower Upper
 264 100
 260 22.5 20.6 30.8
 265 20.9 16.8 25.2

