

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131749.D
 Acq On : 21 Dec 2022 17:13
 Operator : CG\JU
 Sample : PB149706BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149706BL

Quant Time: Dec 22 05:46:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

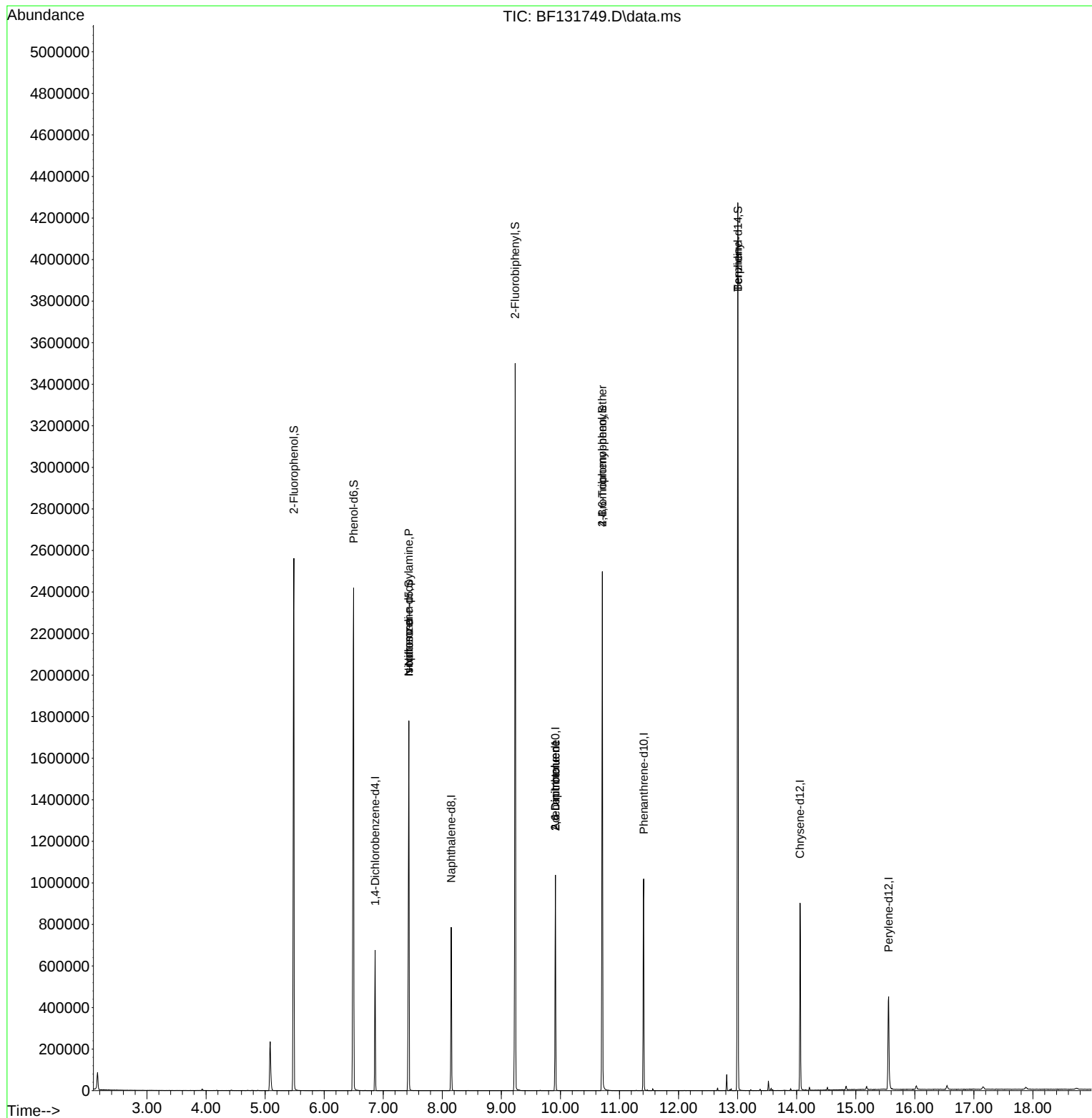
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84233	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	309208	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	190456	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	374177	20.000	ng	0.00
76) Chrysene-d12	14.057	240	303363	20.000	ng	0.00
86) Perylene-d12	15.557	264	217668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	673990	134.736	ng	0.01
7) Phenol-d6	6.498	99	870579	129.301	ng	0.00
23) Nitrobenzene-d5	7.434	82	610281	80.124	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	266749	127.961	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1089370	80.124	ng	0.00
79) Terphenyl-d14	13.004	244	1497418	76.930	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1718	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	85717	17.652	ng	# 77
25) Isophorone	7.434	82	607941	46.999	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	24308	7.888	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	24308	5.870	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	18212	4.121	ng	# 1
77) Benizidine	13.004	184	22459	4.037	ng	# 91

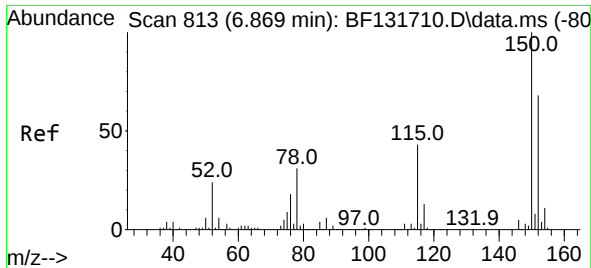
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Dec 22 05:46:57 2022
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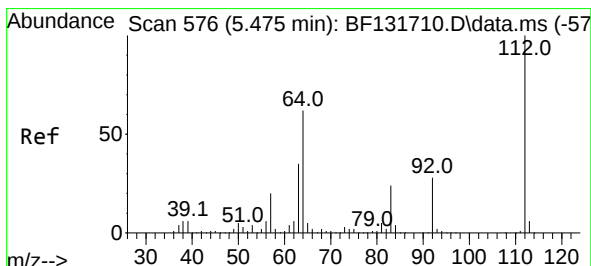
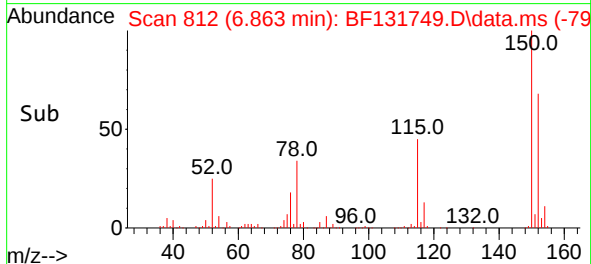
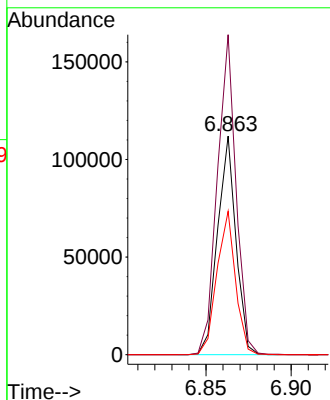
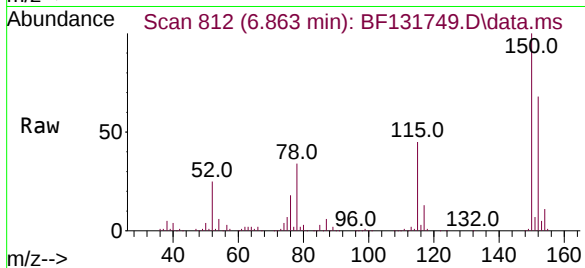




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

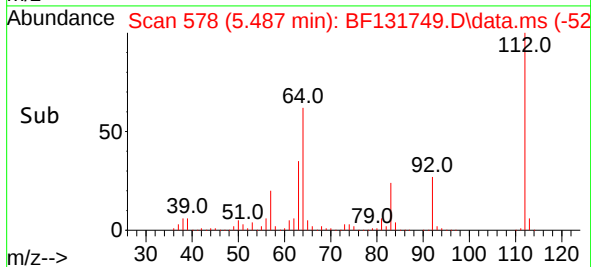
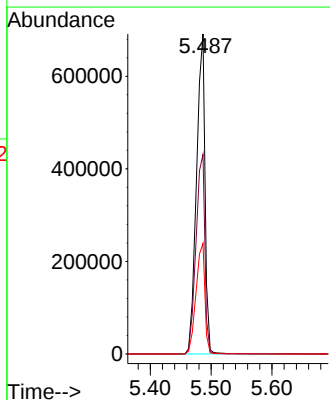
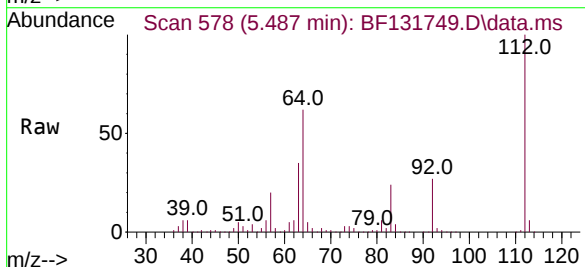
Instrument :
BNA_F
ClientSampleId :
PB149706BL

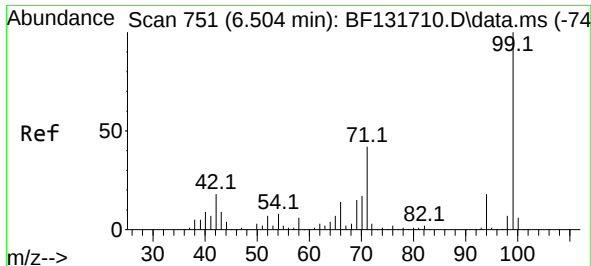
Tgt Ion:152 Resp: 84233
Ion Ratio Lower Upper
152 100
150 146.4 117.4 176.0
115 65.6 50.2 75.4



#5
2-Fluorophenol
Concen: 134.736 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion:112 Resp: 673990
Ion Ratio Lower Upper
112 100
64 62.4 49.5 74.3
63 34.6 28.2 42.2

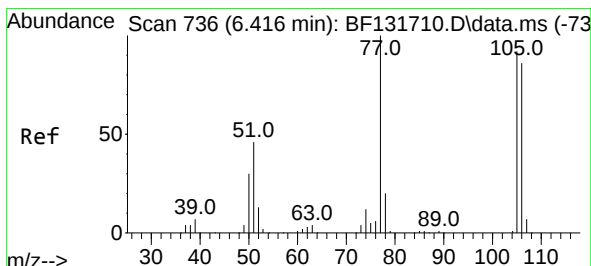
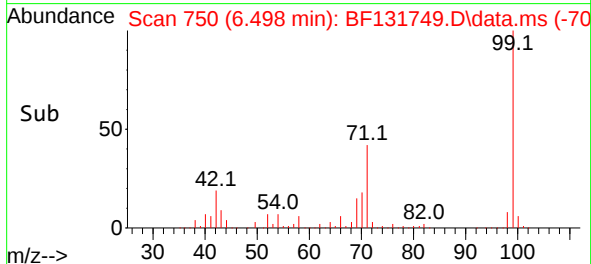
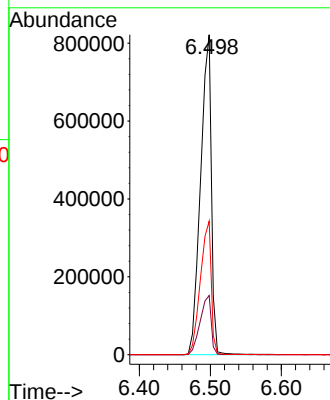
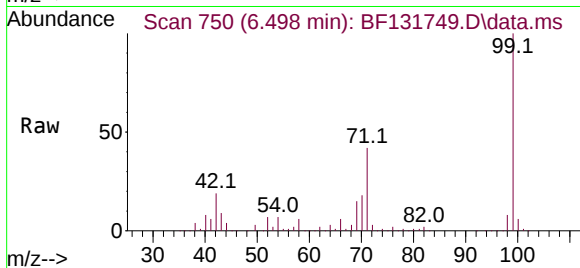




#7
Phenol-d6
Concen: 129.301 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

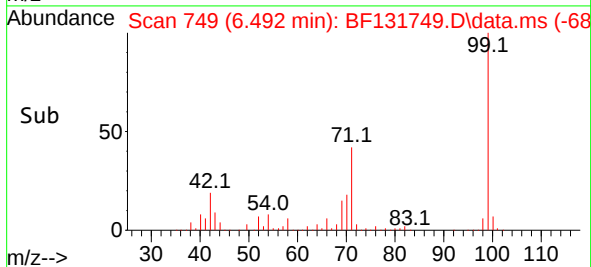
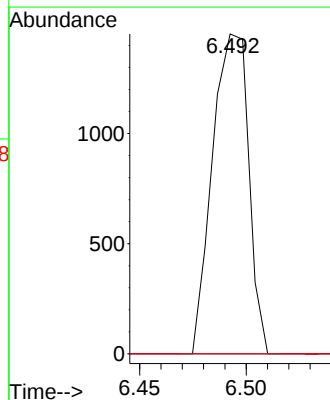
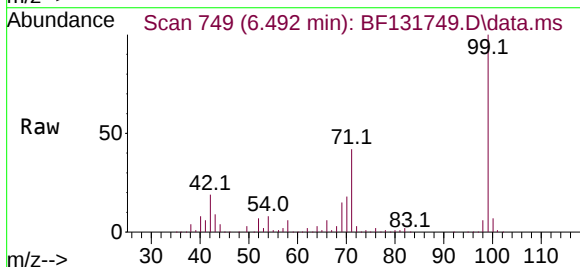
Instrument :
BNA_F
ClientSampleId :
PB149706BL

Tgt Ion: 99 Resp: 870579
Ion Ratio Lower Upper
99 100
42 18.5 14.8 22.2
71 41.7 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.492 min Scan# 749
Delta R.T. 0.076 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion: 77 Resp: 1718
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

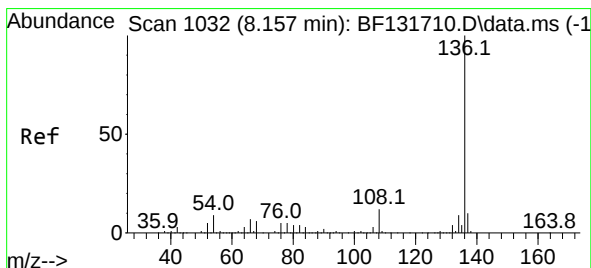
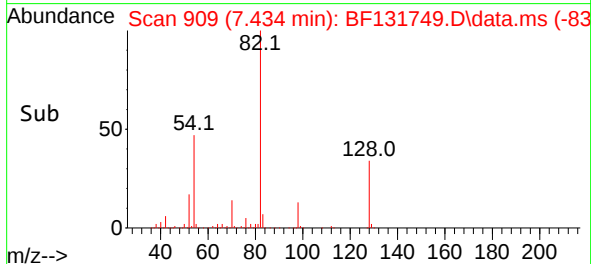
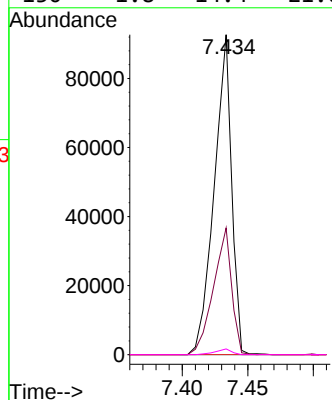
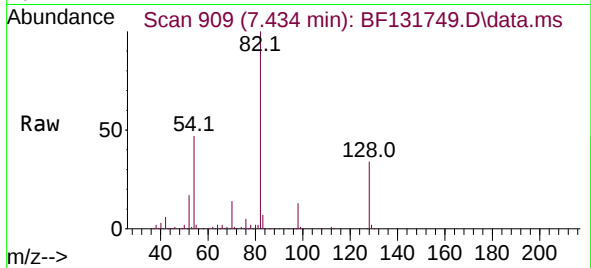




#19
n-Nitroso-di-n-propylamine
Concen: 17.652 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

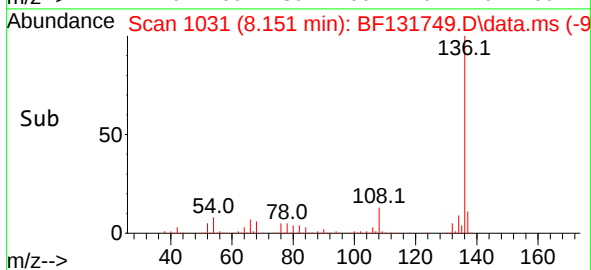
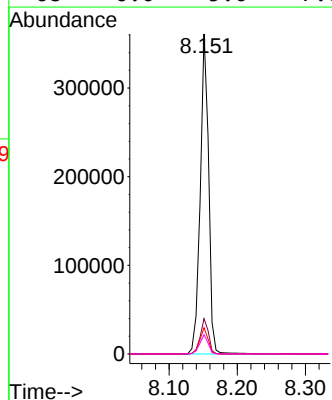
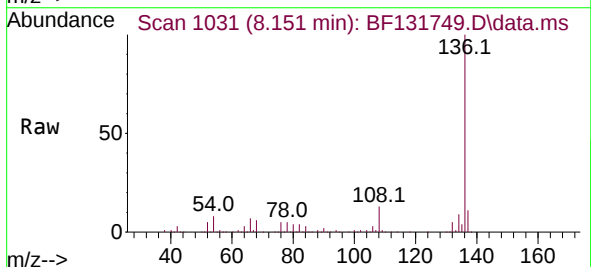
Instrument :
BNA_F
ClientSampleId :
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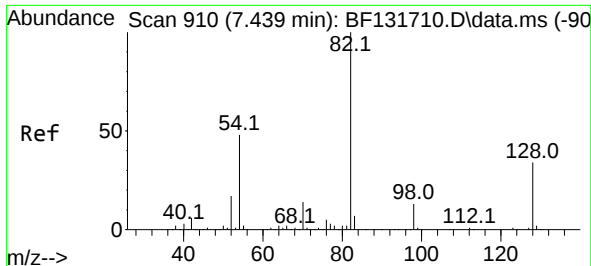
Tgt Ion: 70 Resp: 85717
Ion Ratio Lower Upper
70 100
42 39.6 41.5 62.3#
101 0.0 7.3 10.9#
130 1.8 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion: 136 Resp: 309208
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 7.2 10.8
68 6.0 5.0 7.6

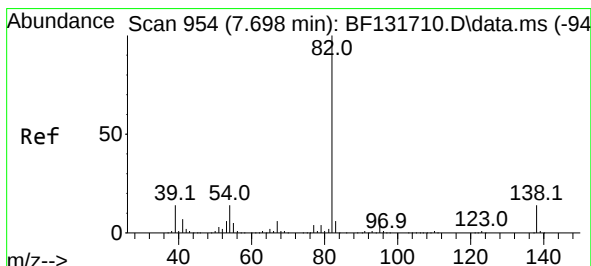
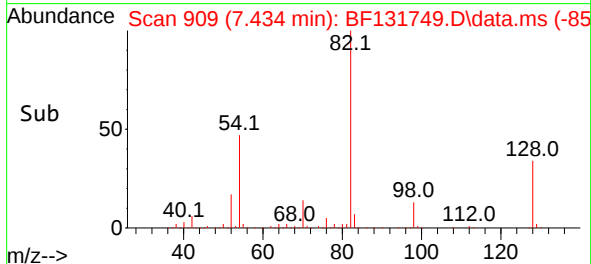
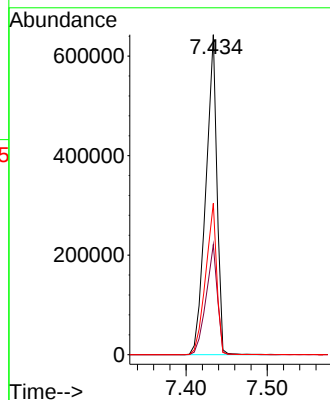
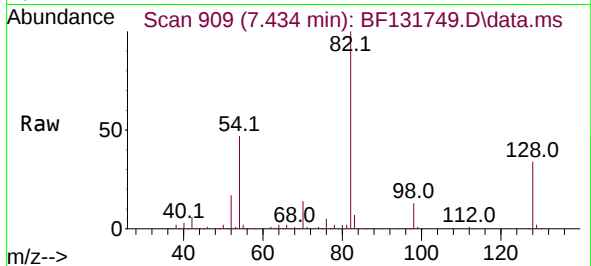




#23
Nitrobenzene-d5
Concen: 80.124 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

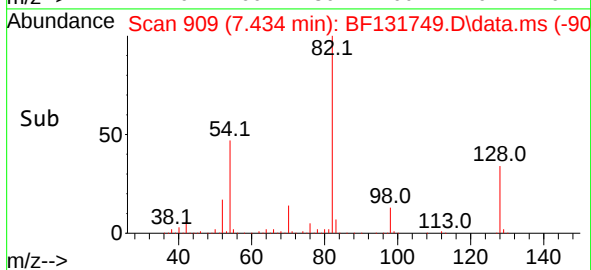
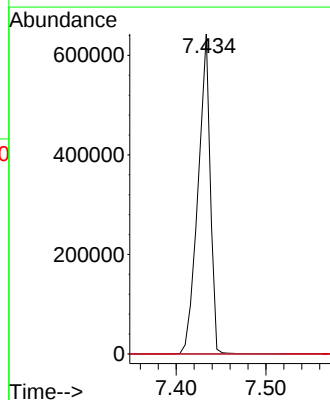
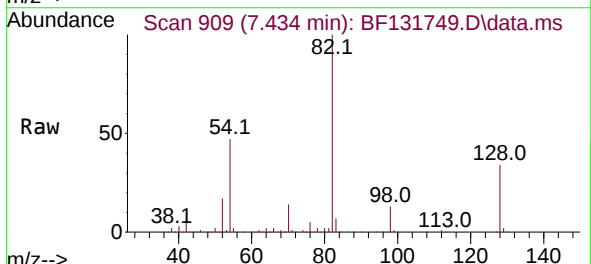
Instrument :
BNA_F
ClientSampleId :
PB149706BL

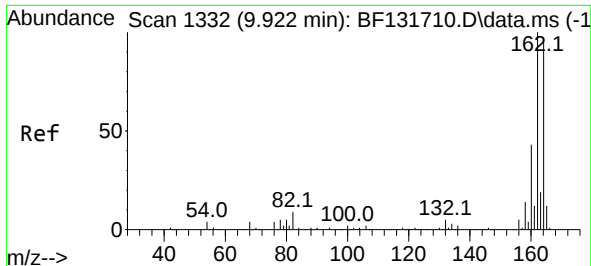
Tgt Ion: 82 Resp: 610281
Ion Ratio Lower Upper
82 100
128 34.4 27.3 40.9
54 47.3 38.2 57.2



#25
Isophorone
Concen: 46.999 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion: 82 Resp: 607941
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131749.D

Acq: 21 Dec 2022 17:13

Instrument :

BNA_F

ClientSampleId :

PB149706BL

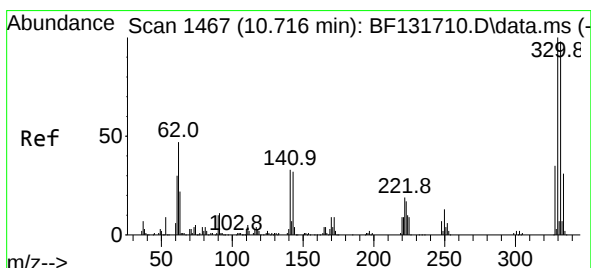
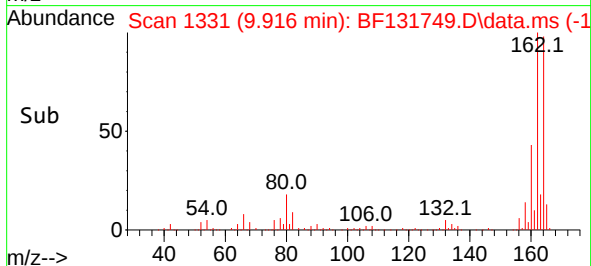
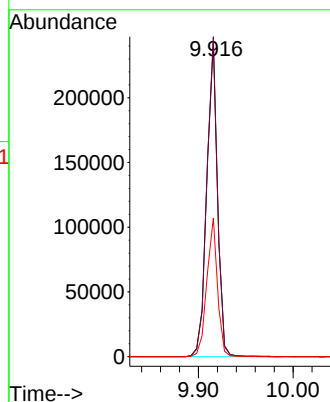
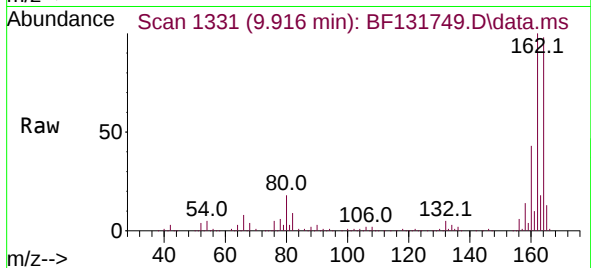
Tgt Ion:164 Resp: 190456

Ion Ratio Lower Upper

164 100

162 102.0 83.7 125.5

160 44.2 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 127.961 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF131749.D

Acq: 21 Dec 2022 17:13

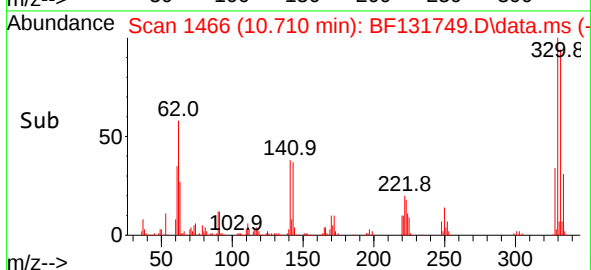
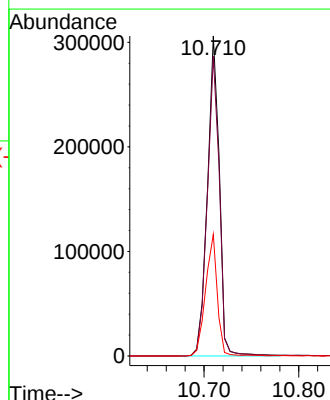
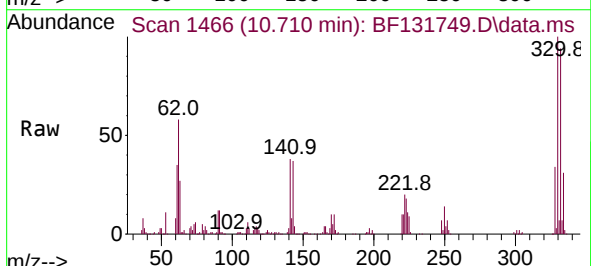
Tgt Ion:330 Resp: 266749

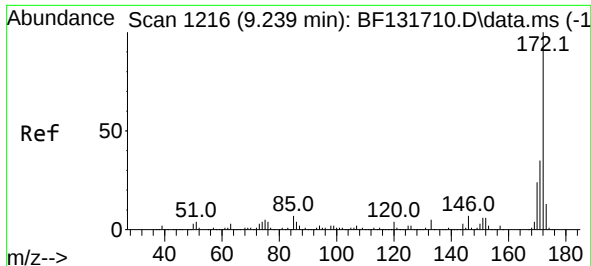
Ion Ratio Lower Upper

330 100

332 94.9 77.1 115.7

141 37.6 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 80.124 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131749.D

Acq: 21 Dec 2022 17:13

Instrument :

BNA_F

ClientSampleId :

PB149706BL

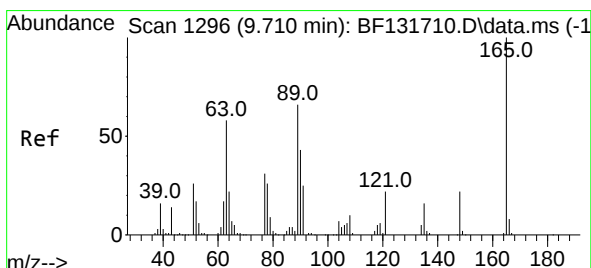
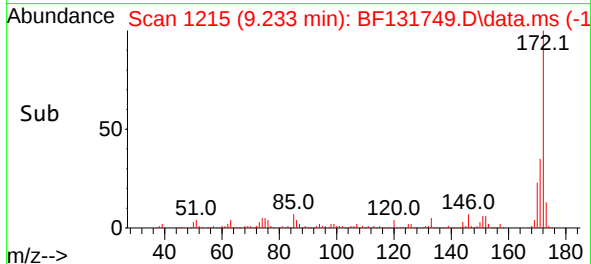
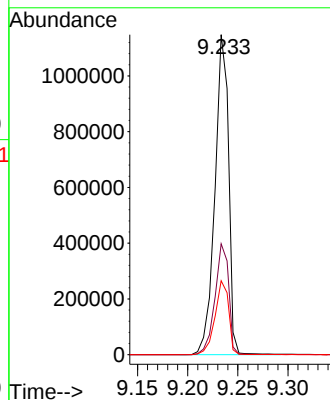
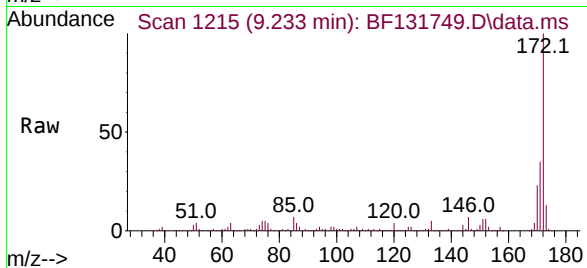
Tgt Ion:172 Resp: 1089370

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.1 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.888 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131749.D

Acq: 21 Dec 2022 17:13

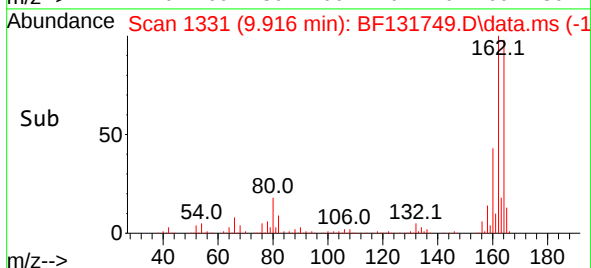
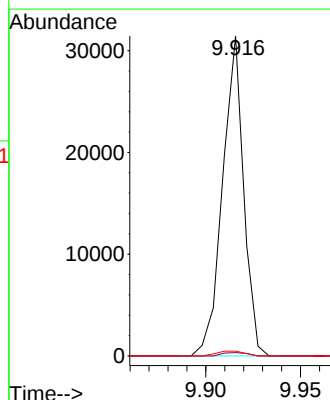
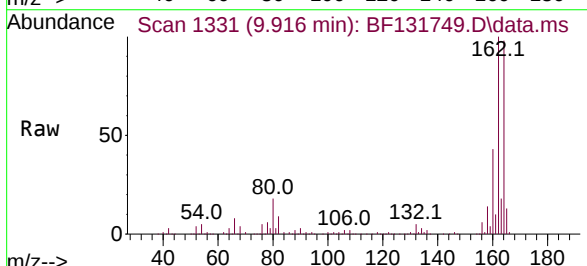
Tgt Ion:165 Resp: 24308

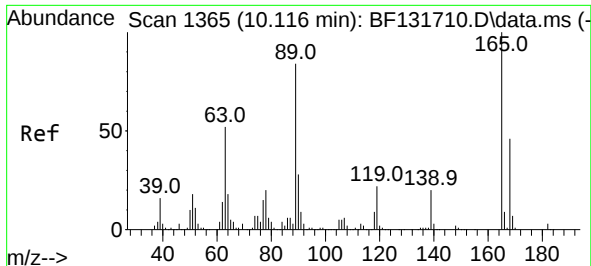
Ion Ratio Lower Upper

165 100

63 1.0 51.8 77.8#

89 1.5 53.2 79.8#

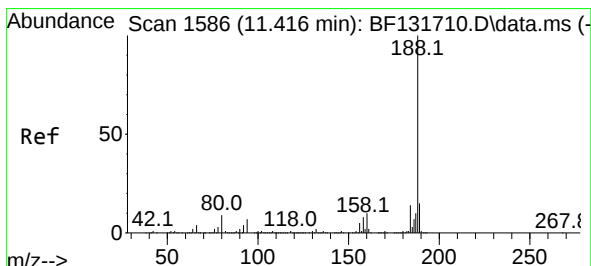
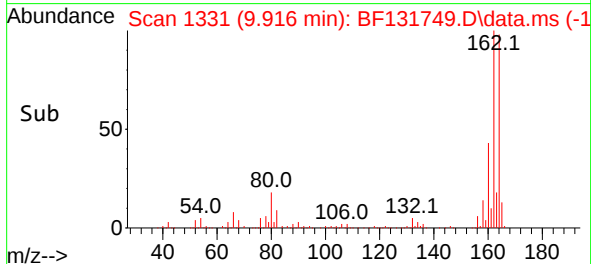
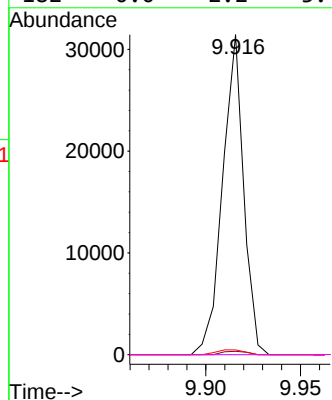
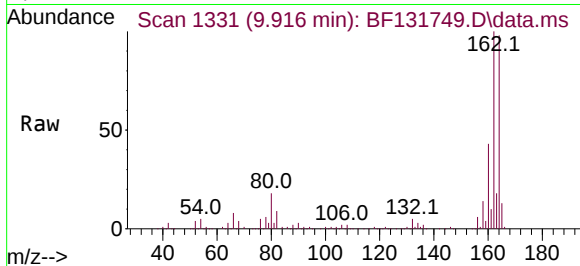




#57
2,4-Dinitrotoluene
Concen: 5.870 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

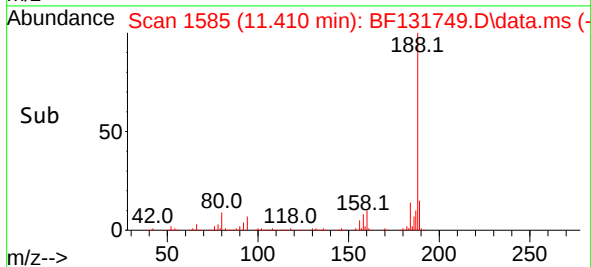
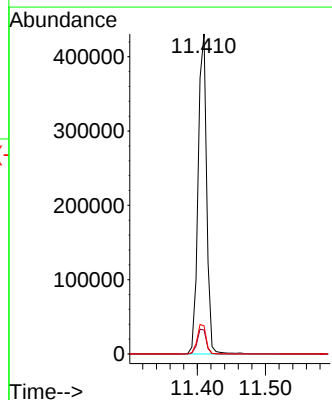
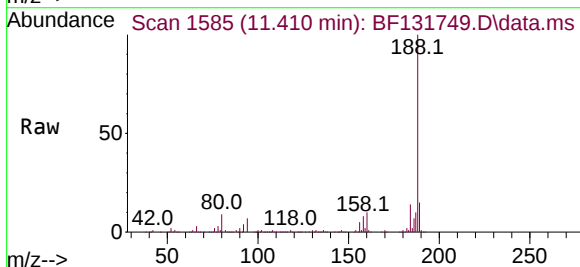
Instrument :
BNA_F
ClientSampleId :
PB149706BL

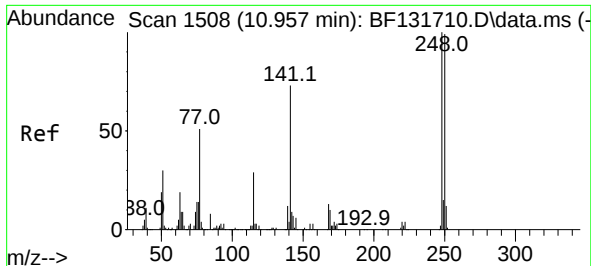
Tgt Ion:165 Resp: 24308
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 1.5 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion:188 Resp: 374177
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 8.8 7.0 10.6

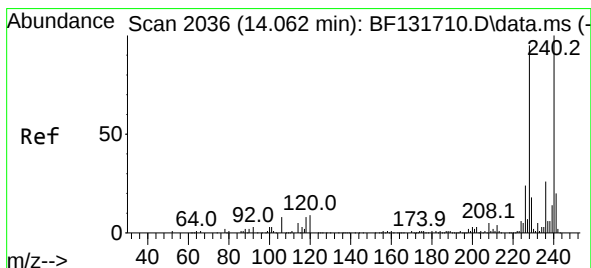
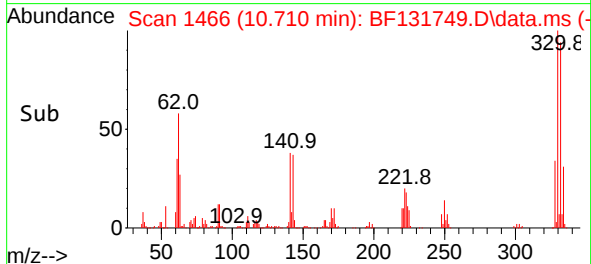
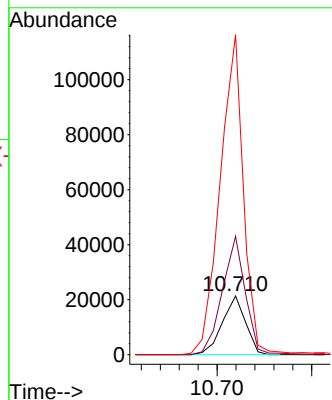
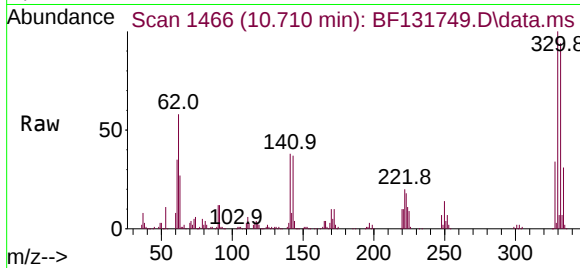




#67
4-Bromophenyl-phenylether
Concen: 4.121 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

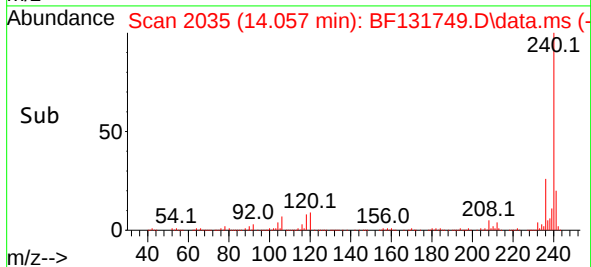
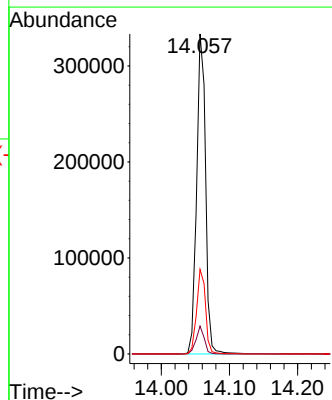
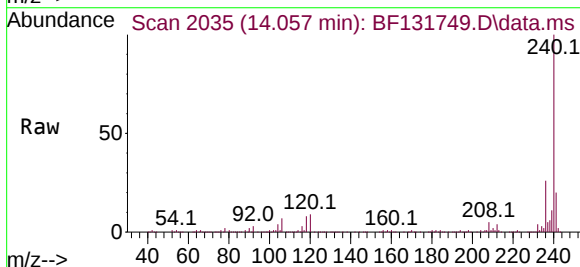
Instrument :
BNA_F
ClientSampleId :
PB149706BL

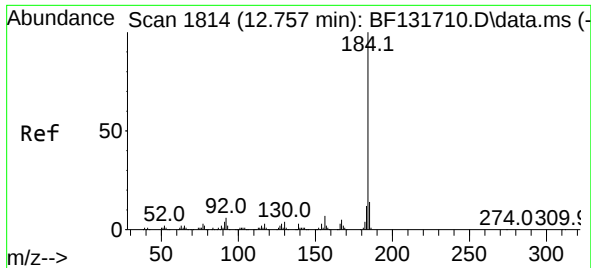
Tgt Ion:248 Resp: 18212
Ion Ratio Lower Upper
248 100
250 201.3 79.4 119.0#
141 544.3 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion:240 Resp: 303363
Ion Ratio Lower Upper
240 100
120 8.7 7.6 11.4
236 26.4 21.2 31.8

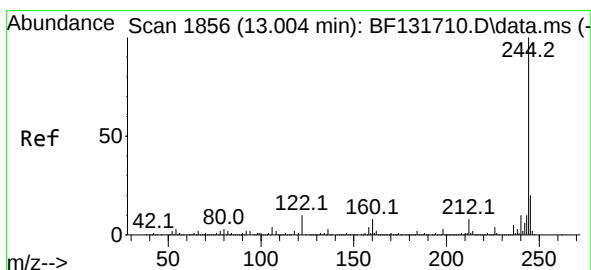
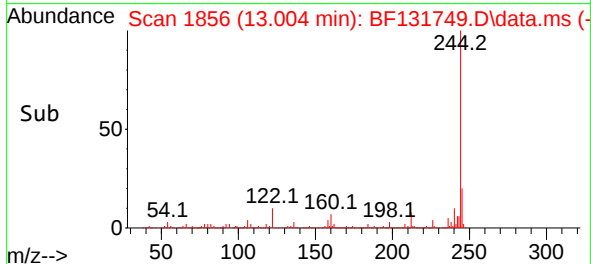
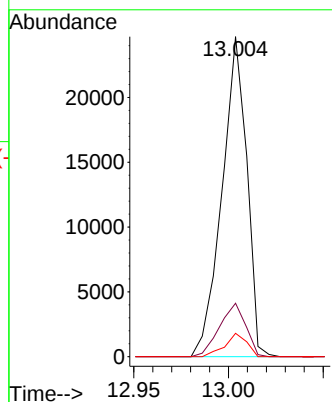
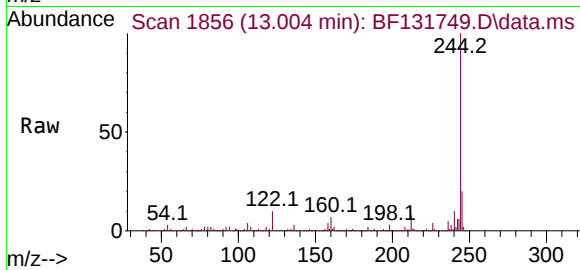




#77
Benzidine
Concen: 4.037 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

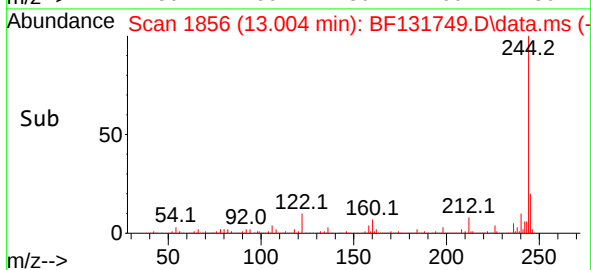
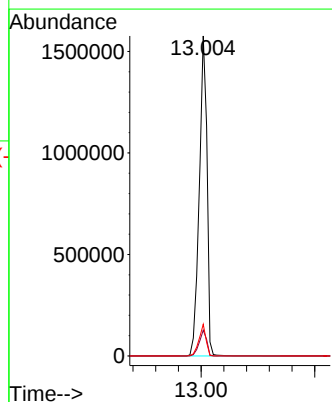
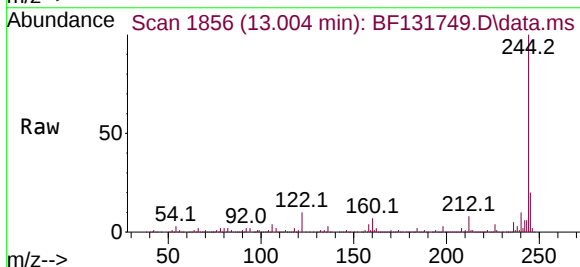
Instrument :
BNA_F
ClientSampleId :
PB149706BL

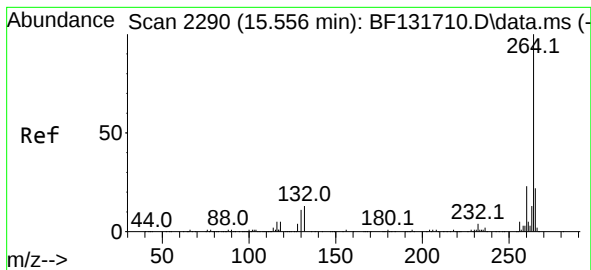
Tgt Ion:184 Resp: 22459
Ion Ratio Lower Upper
184 100
185 16.7 11.3 16.9
183 7.3 9.3 13.9#



#79
Terphenyl-d14
Concen: 76.930 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

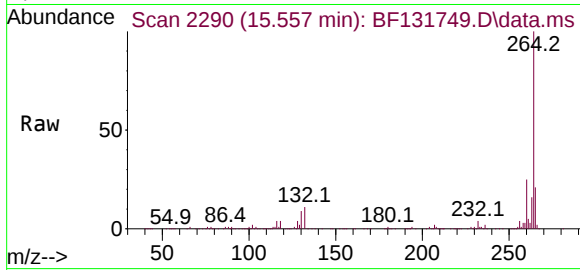
Tgt Ion:244 Resp: 1497418
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.9 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131749.D
 Acq: 21 Dec 2022 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB149706BL



Tgt Ion:264 Resp: 217668
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.6 28.0
 265 21.1 17.4 26.2

