

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131449.D
 Acq On : 29 Nov 2022 01:49
 Operator : CG\JU
 Sample : N5752-03 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8S

Quant Time: Nov 29 05:02:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

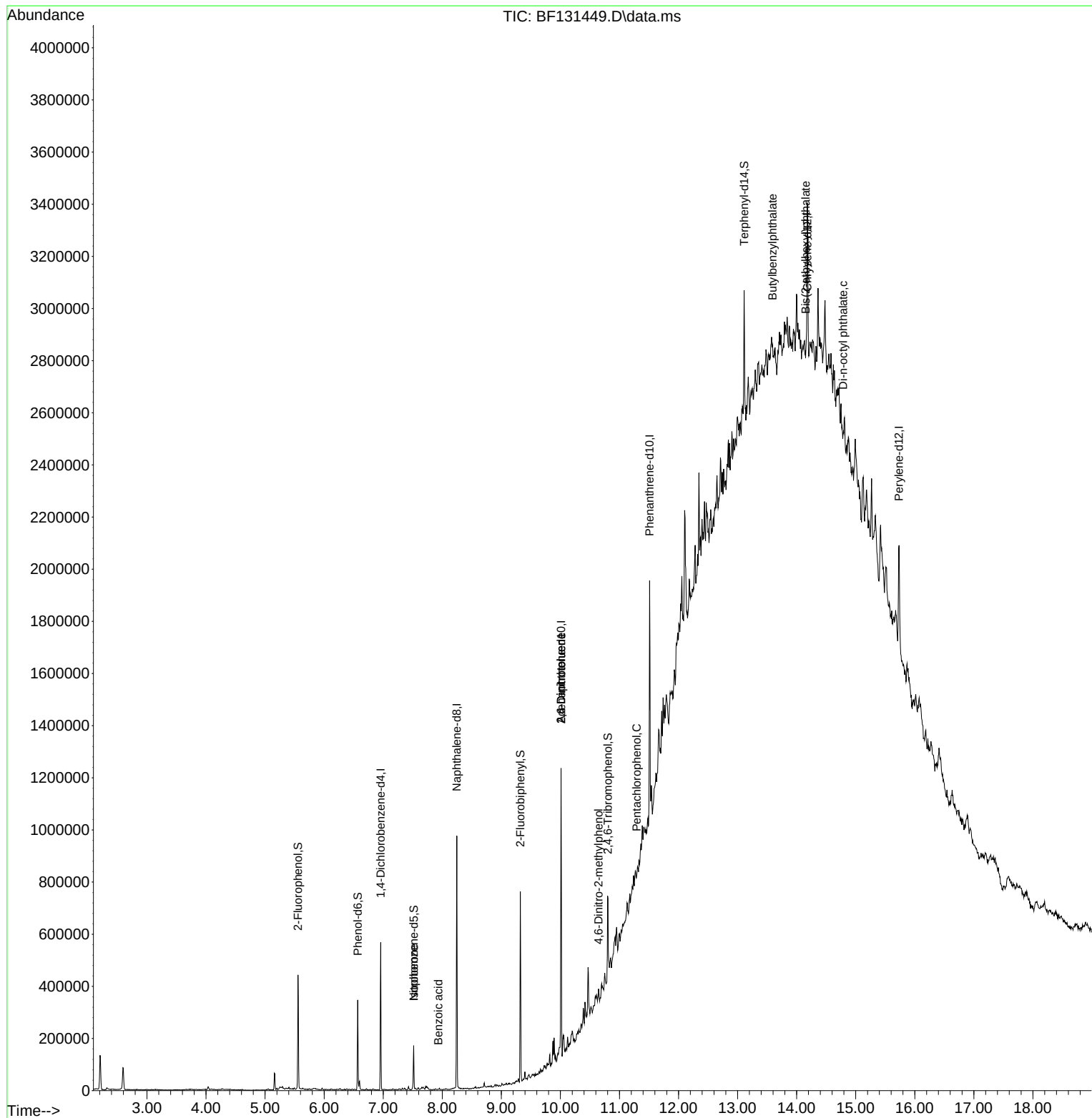
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	72032	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	356761	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	201681	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	324207	20.000	ng	# 0.00
76) Chrysene-d12	14.180	240	252136	20.000	ng	# 0.01
86) Perylene-d12	15.733	264	194070	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	103632	27.381	ng	0.00
7) Phenol-d6	6.569	99	86364	17.885	ng	0.00
23) Nitrobenzene-d5	7.516	82	41037	5.798	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	36253	21.366	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	189698	13.684	ng	0.00
79) Terphenyl-d14	13.110	244	185105	12.005	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	214	Below Cal	#	49
25) Isophorone	7.516	82	41037	3.250	ng	# 68
32) Benzoic acid	7.934	122	383	5.275	ng	# 79
51) 2,6-Dinitrotoluene	10.010	165	27202	9.680	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	27202	7.693	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.645	198	71	4.629	ng	# 1
70) Pentachlorophenol	11.292	266	65	4.903	ng	# 1
80) Butylbenzylphthalate	13.592	149	3579	4.580	ng	# 38
84) Bis(2-ethylhexyl)phtha...	14.151	149	6038	4.309	ng	# 79
85) Di-n-octyl phthalate	14.786	149	1306	4.007	ng	# 70

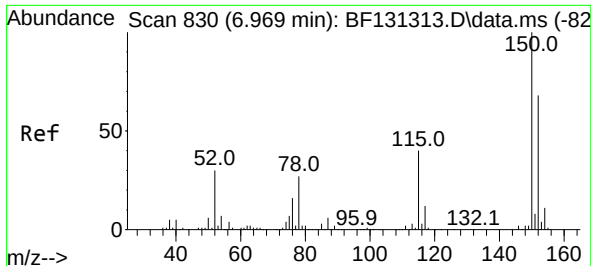
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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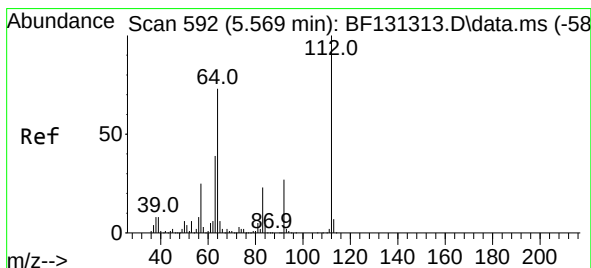
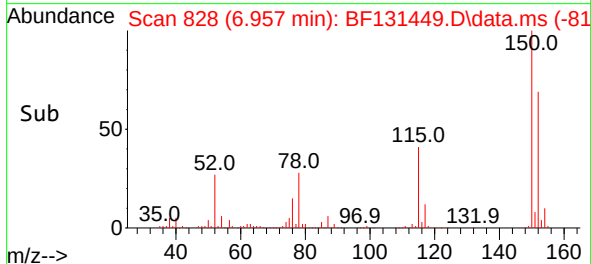
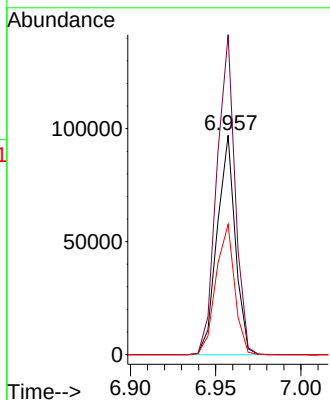
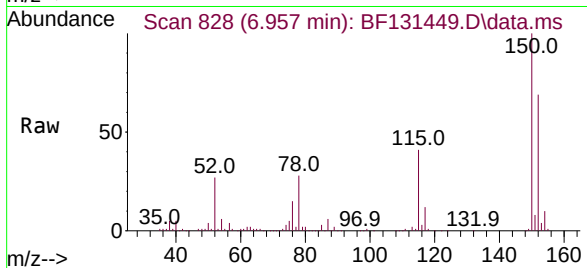




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF131449.D
 Acq: 29 Nov 2022 01:49

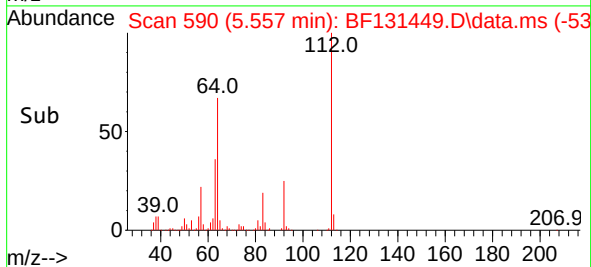
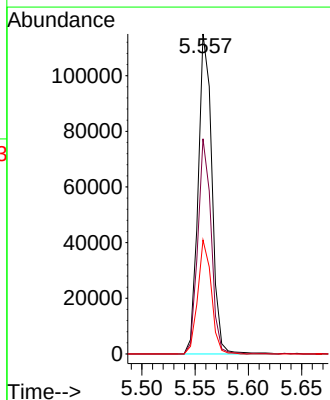
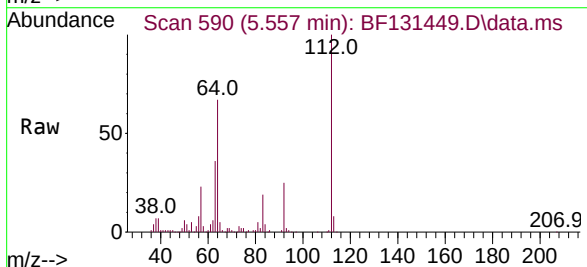
Instrument :
 BNA_F
 ClientSampleId :
 B-8S

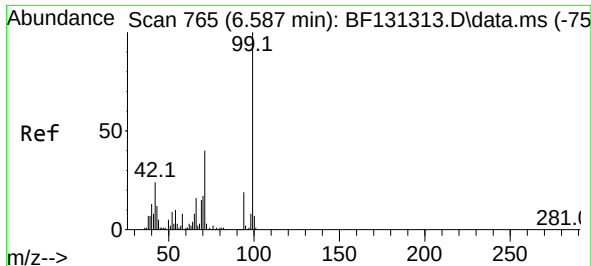
Tgt Ion:152 Resp: 72032
 Ion Ratio Lower Upper
 152 100
 150 145.9 117.8 176.8
 115 59.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 27.381 ng
 RT: 5.557 min Scan# 590
 Delta R.T. -0.000 min
 Lab File: BF131449.D
 Acq: 29 Nov 2022 01:49

Tgt Ion:112 Resp: 103632
 Ion Ratio Lower Upper
 112 100
 64 67.3 58.6 88.0
 63 35.6 31.4 47.0

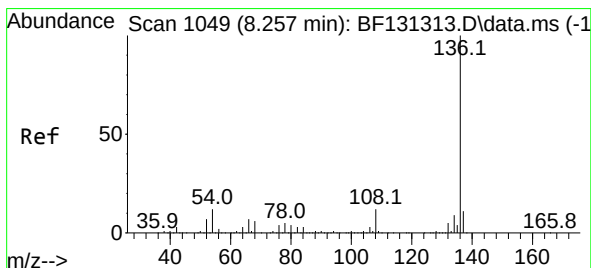
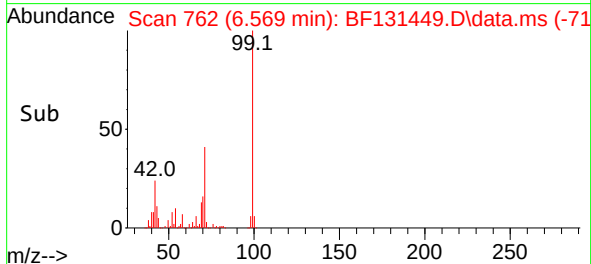
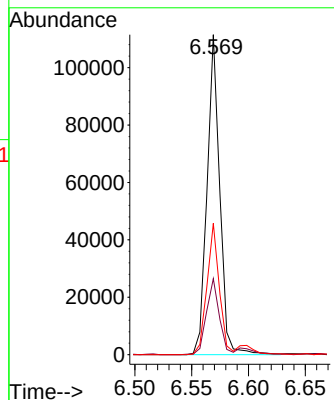
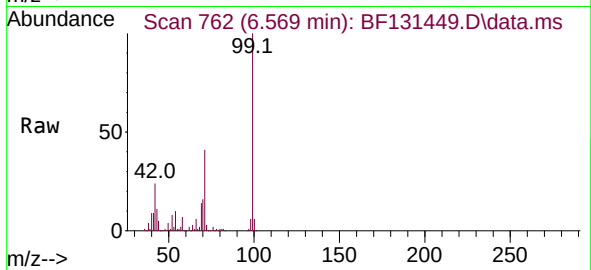




#7
Phenol-d6
Concen: 17.885 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131449.D
Acq: 29 Nov 2022 01:49

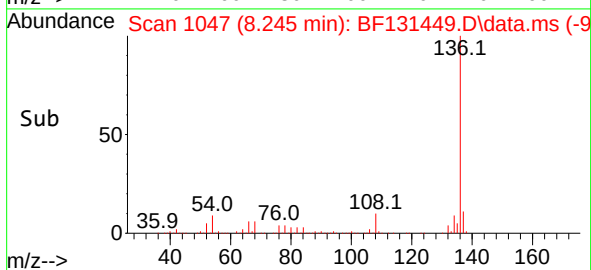
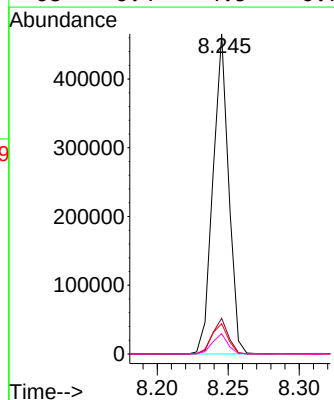
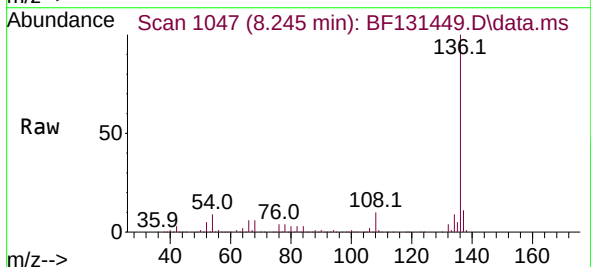
Instrument :
BNA_F
ClientSampleId :
B-8S

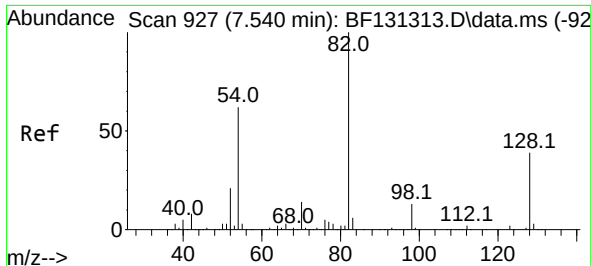
Tgt Ion: 99 Resp: 86364
Ion Ratio Lower Upper
99 100
42 23.7 19.4 29.2
71 41.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131449.D
Acq: 29 Nov 2022 01:49

Tgt Ion: 136 Resp: 356761
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.4 9.4 14.0
68 6.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 5.798 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

Instrument :

BNA_F

ClientSampleId :

B-8S

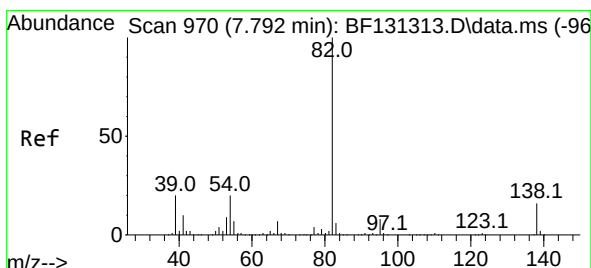
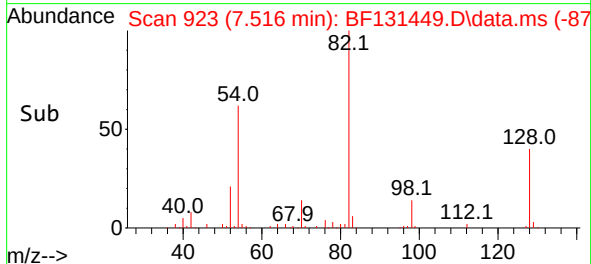
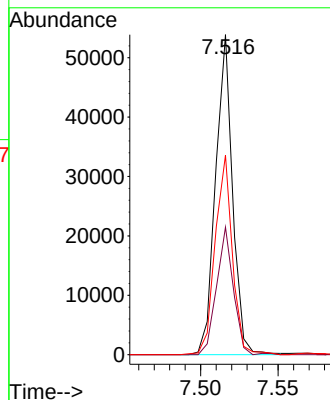
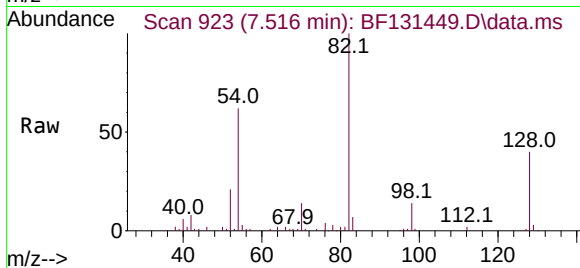
Tgt Ion: 82 Resp: 41037

Ion Ratio Lower Upper

82 100

128 39.9 31.4 47.0

54 62.3 49.8 74.6



#25

Isophorone

Concen: 3.250 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

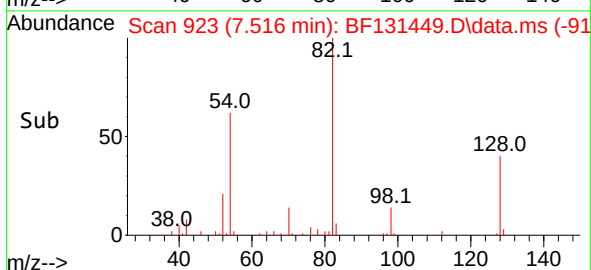
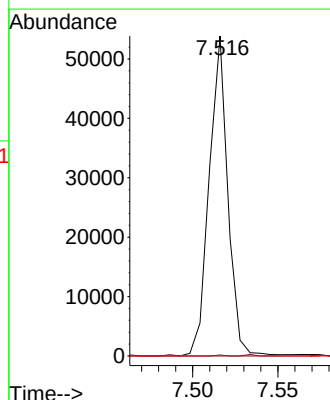
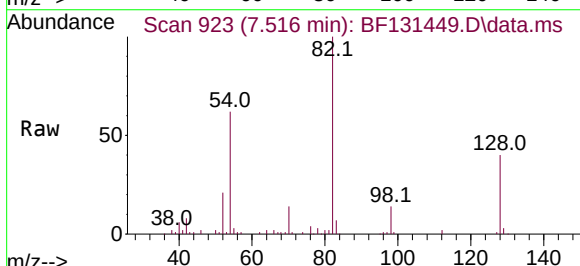
Tgt Ion: 82 Resp: 41037

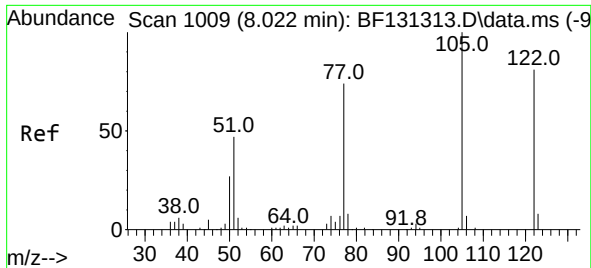
Ion Ratio Lower Upper

82 100

95 0.3 6.2 9.2#

138 0.0 12.7 19.1#

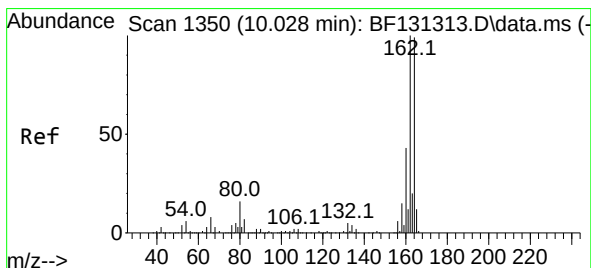
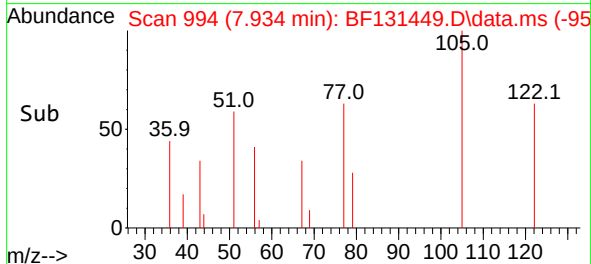
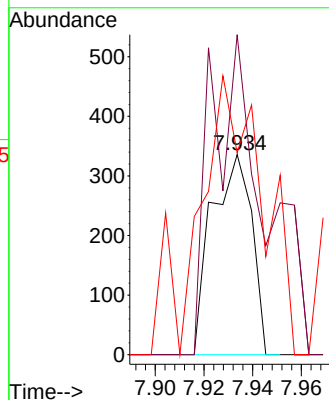
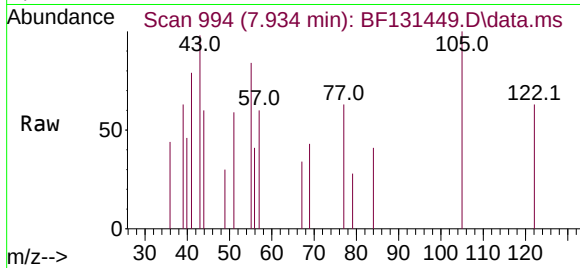




#32
Benzoic acid
Concen: 5.275 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.071 min
Lab File: BF131449.D
Acq: 29 Nov 2022 01:49

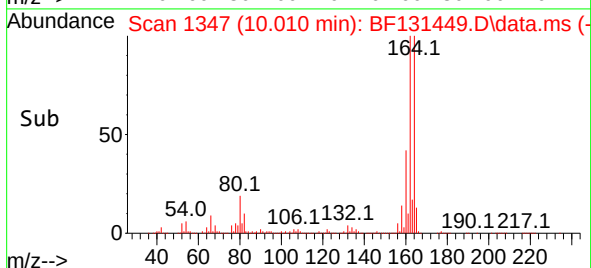
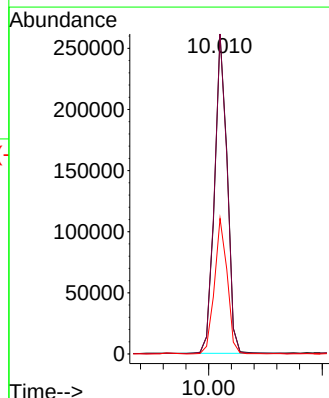
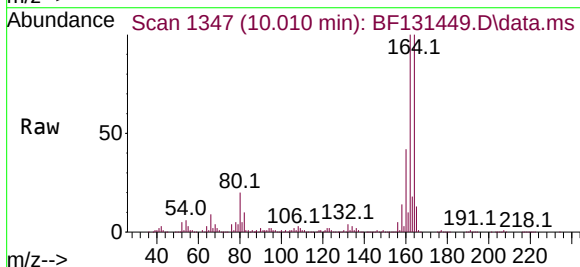
Instrument :
BNA_F
ClientSampleId :
B-8S

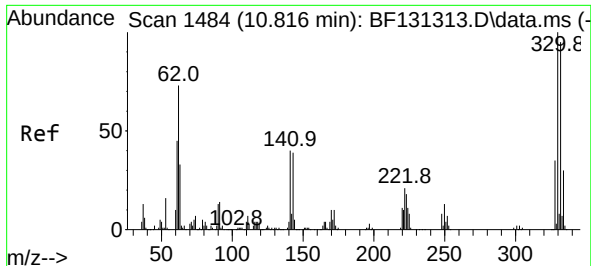
Tgt Ion:122 Resp: 383
Ion Ratio Lower Upper
122 100
105 159.8 103.8 143.8#
77 100.9 74.3 114.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF131449.D
Acq: 29 Nov 2022 01:49

Tgt Ion:164 Resp: 201681
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 42.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 21.366 ng

RT: 10.804 min Scan# 1484

Delta R.T. -0.000 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

Instrument :

BNA_F

ClientSampleId :

B-8S

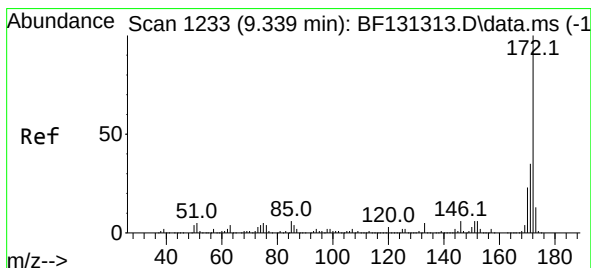
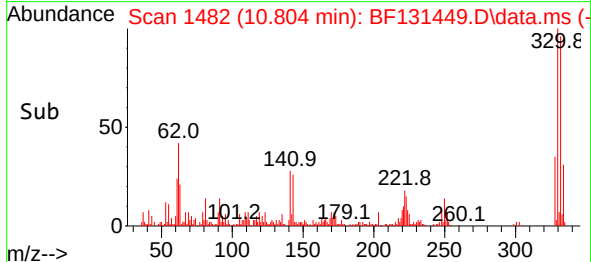
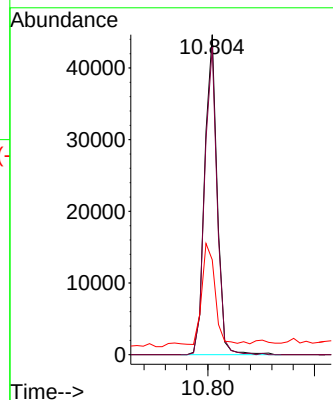
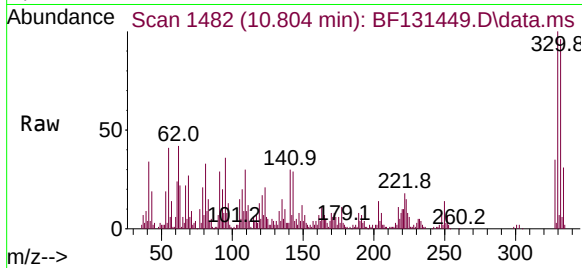
Tgt Ion:330 Resp: 36253

Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

141 33.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 13.684 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

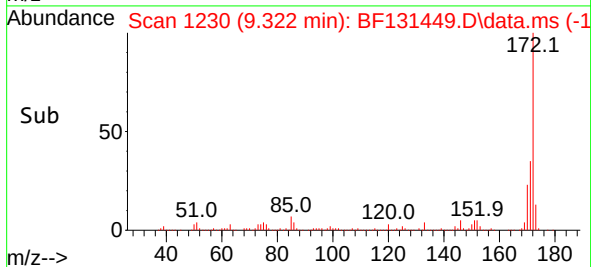
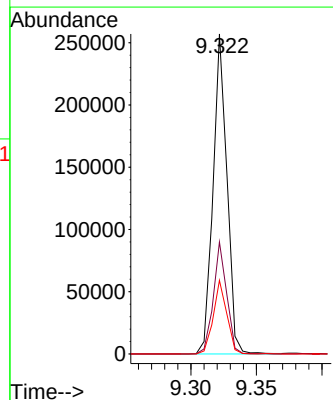
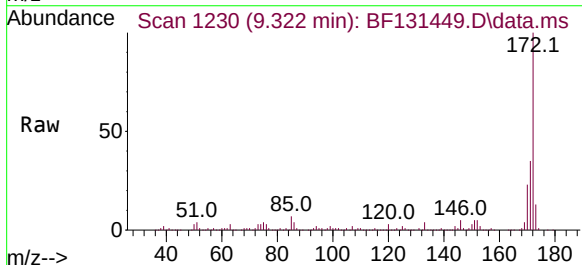
Tgt Ion:172 Resp: 189698

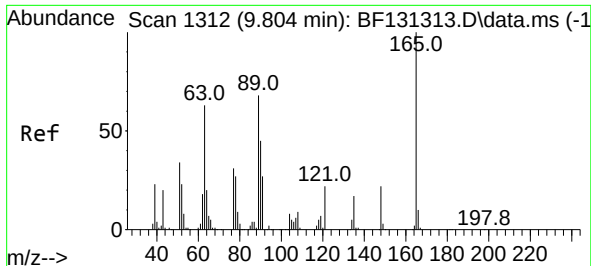
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.0 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.680 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.218 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

Instrument :

BNA_F

ClientSampleId :

B-8S

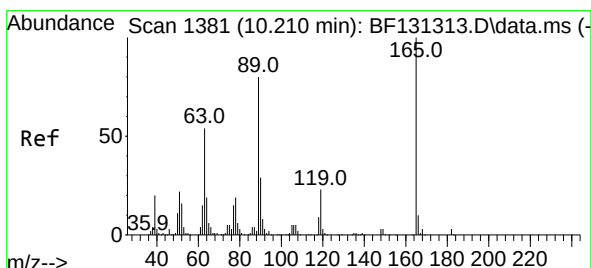
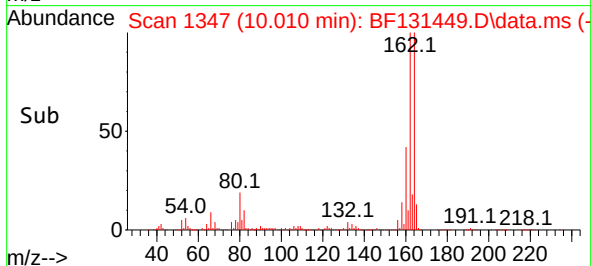
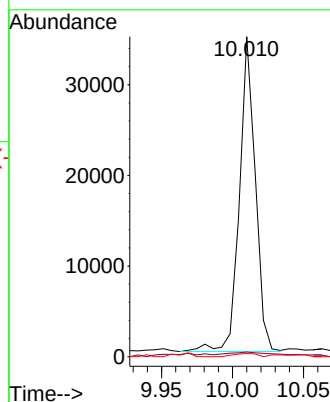
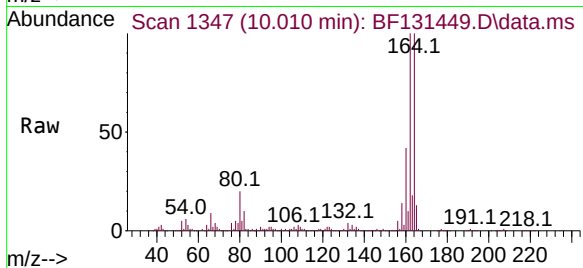
Tgt Ion:165 Resp: 27202

Ion Ratio Lower Upper

165 100

63 1.5 62.0 93.0#

89 1.0 54.4 81.6#



#57

2,4-Dinitrotoluene

Concen: 7.693 ng

RT: 10.010 min Scan# 1347

Delta R.T. -0.188 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

Tgt Ion:165 Resp: 27202

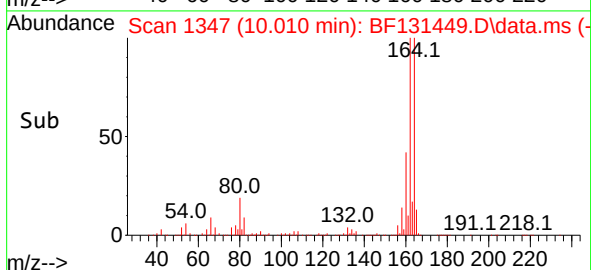
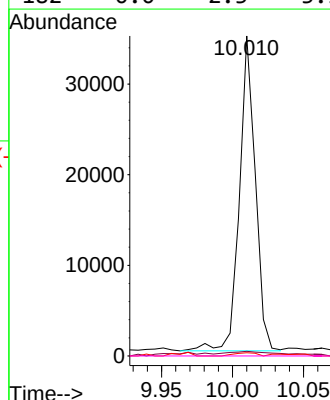
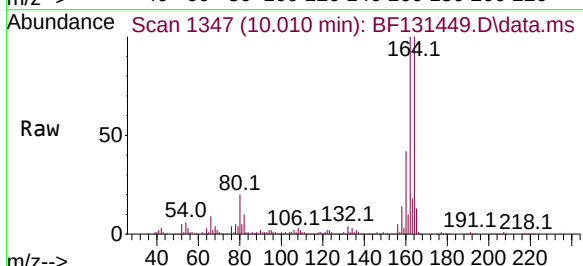
Ion Ratio Lower Upper

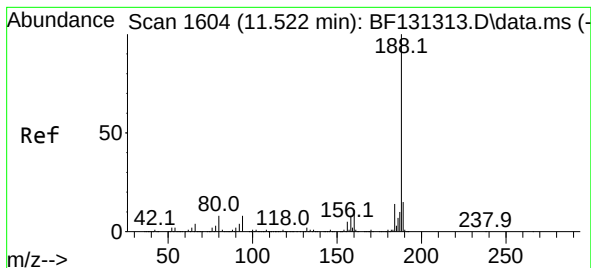
165 100

63 1.5 43.4 65.2#

89 1.0 64.0 96.0#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

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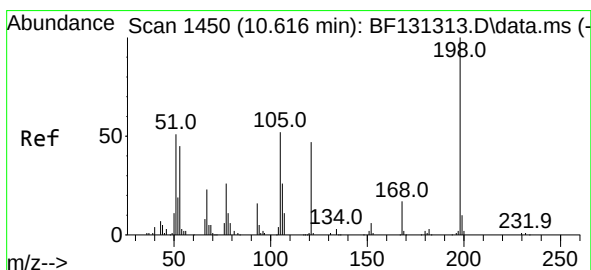
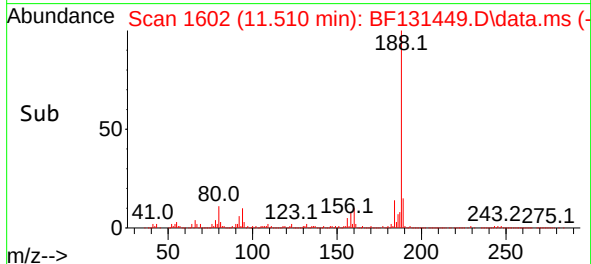
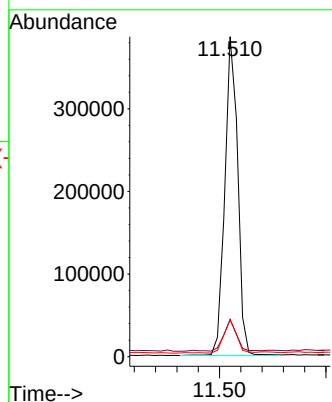
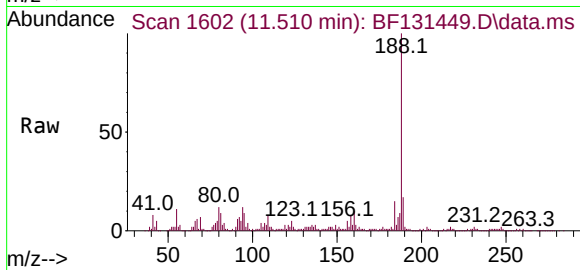
Tgt Ion:188 Resp: 324207

Ion Ratio Lower Upper

188 100

94 11.6 6.3 9.5#

80 11.6 6.8 10.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 4.629 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.041 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

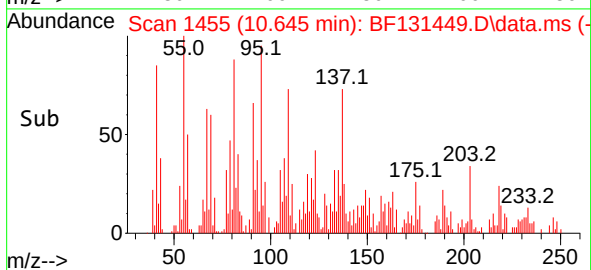
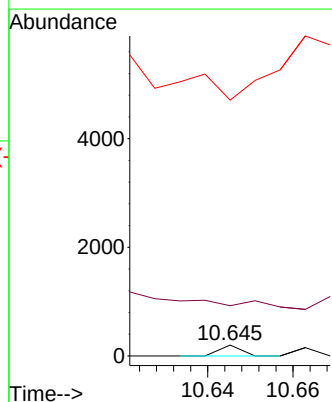
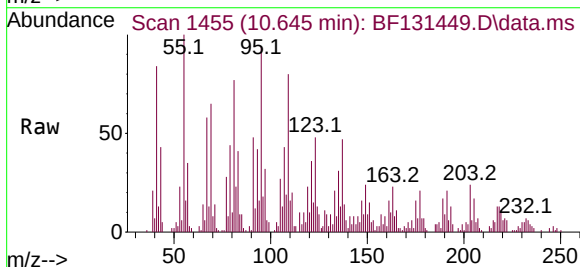
Tgt Ion:198 Resp: 71

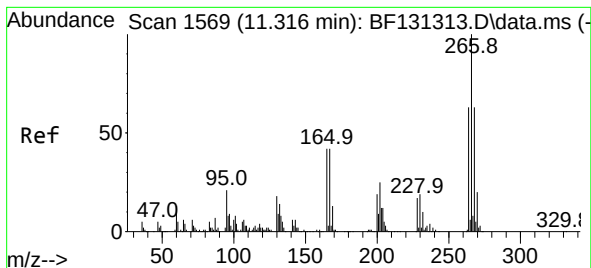
Ion Ratio Lower Upper

198 100

51 460.2 50.1 90.1#

105 2343.8 32.5 72.5#





#70

Pentachlorophenol

Concen: 4.903 ng

RT: 11.292 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

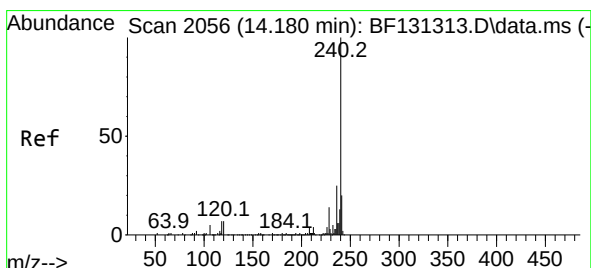
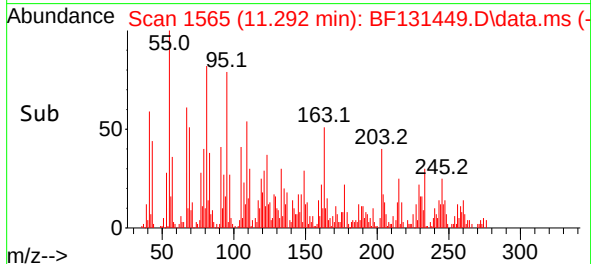
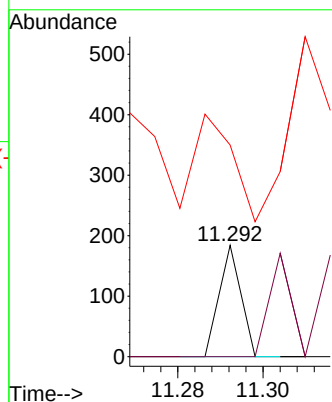
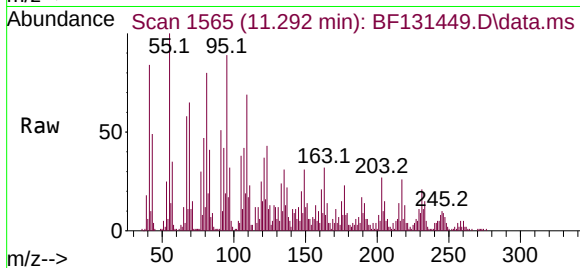
Instrument :

BNA_F

ClientSampleId :

B-8S

Tgt Ion:266	Resp:	65
Ion Ratio	Lower	Upper
266	100	
268	0.0	50.6 75.8#
264	190.2	50.4 75.6#



#76

Chrysene-d12

Concen: 20.000 ng

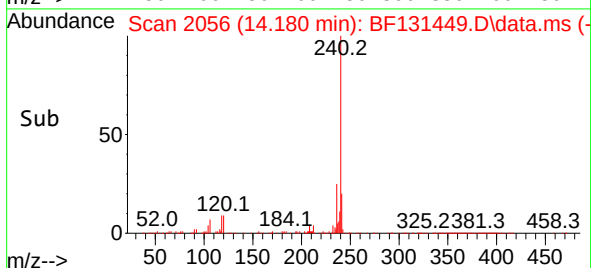
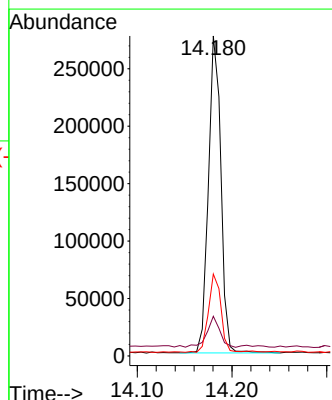
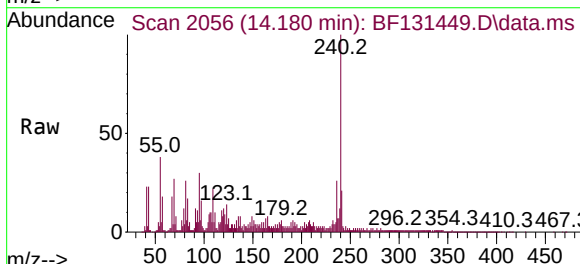
RT: 14.180 min Scan# 2056

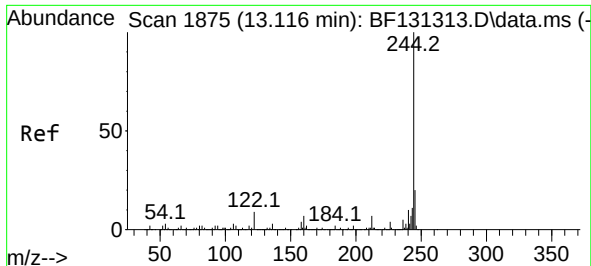
Delta R.T. 0.012 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

Tgt Ion:240	Resp:	252136
Ion Ratio	Lower	Upper
240	100	
120	12.4	5.8 8.8#
236	25.6	20.3 30.5

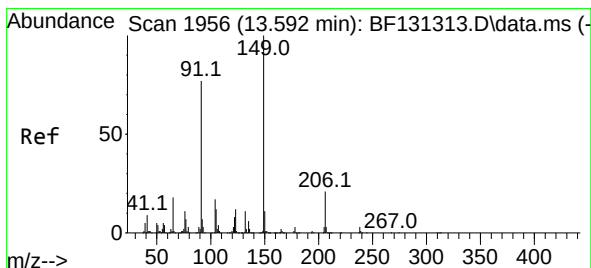
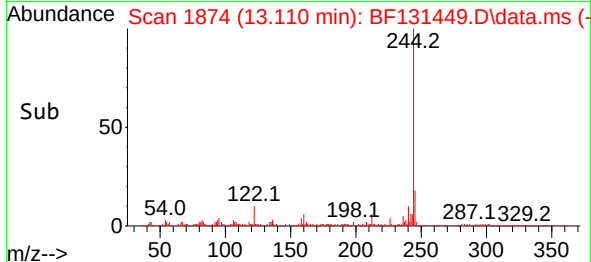
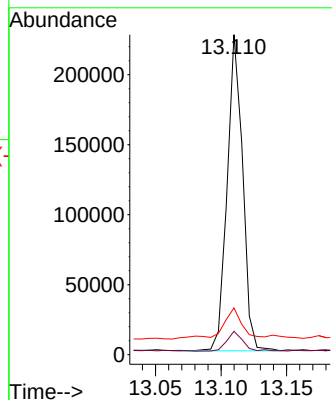
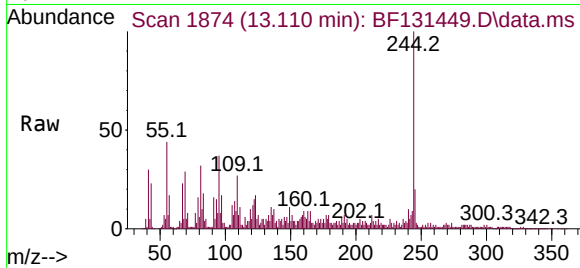




#79
 Terphenyl-d14
 Concen: 12.005 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: BF131449.D
 Acq: 29 Nov 2022 01:49

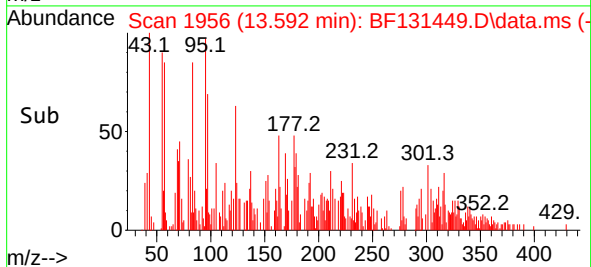
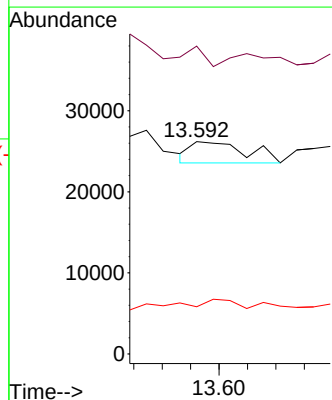
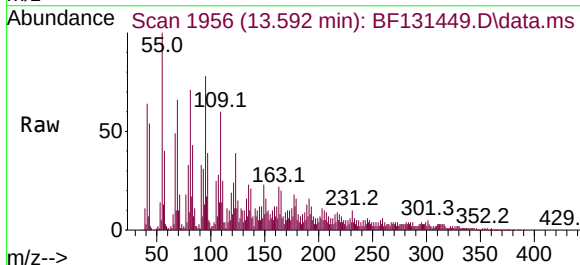
Instrument :
 BNA_F
 ClientSampleId :
 B-8S

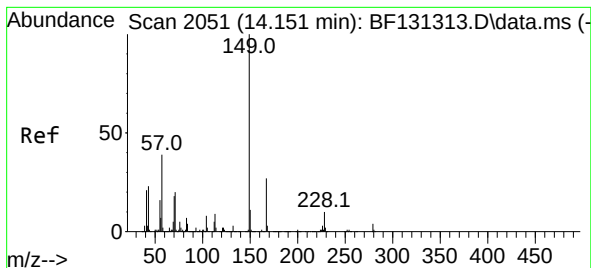
Tgt Ion:244 Resp: 185105
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 14.6 7.5 11.3#



#80
 Butylbenzylphthalate
 Concen: 4.580 ng
 RT: 13.592 min Scan# 1956
 Delta R.T. 0.012 min
 Lab File: BF131449.D
 Acq: 29 Nov 2022 01:49

Tgt Ion:149 Resp: 3579
 Ion Ratio Lower Upper
 149 100
 91 145.0 61.9 92.9#
 206 22.3 16.5 24.7

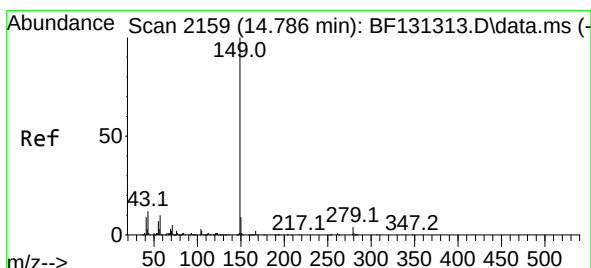
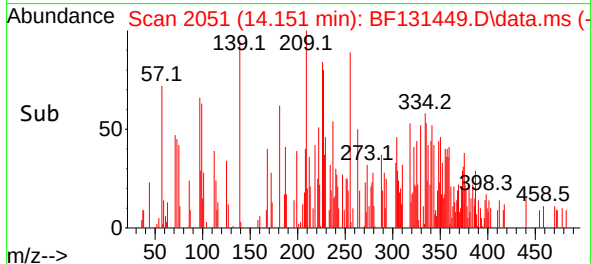
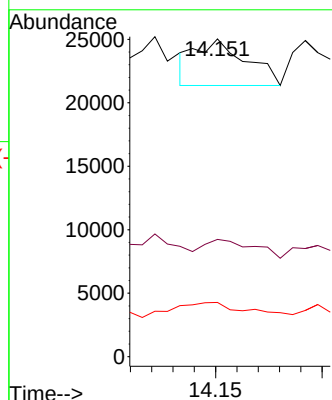
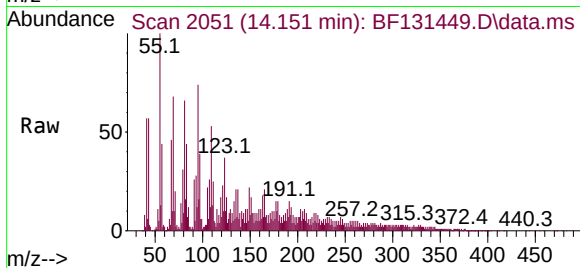




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.309 ng
RT: 14.151 min Scan# 2051
Delta R.T. 0.012 min
Lab File: BF131449.D
Acq: 29 Nov 2022 01:49

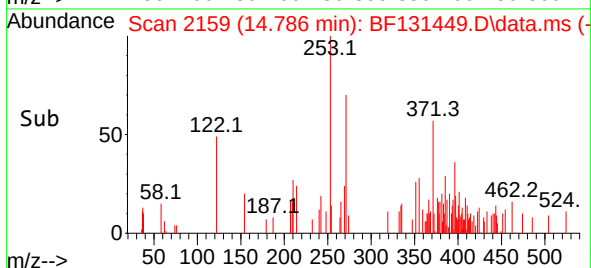
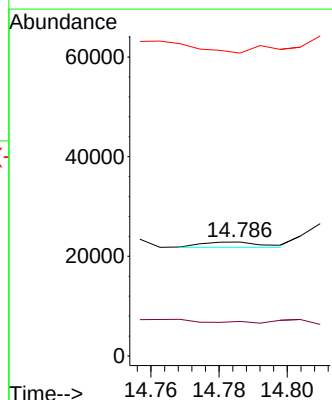
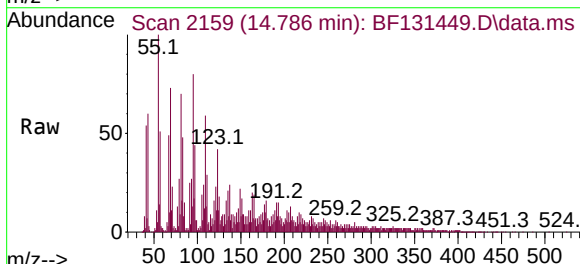
Instrument :
BNA_F
ClientSampleId :
B-8S

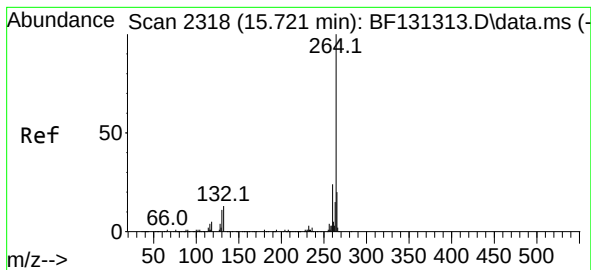
Tgt Ion:149 Resp: 6038
Ion Ratio Lower Upper
149 100
167 36.9 21.9 32.9#
279 17.1 3.0 4.4#



#85
Di-n-octyl phthalate
Concen: 4.007 ng
RT: 14.786 min Scan# 2159
Delta R.T. 0.024 min
Lab File: BF131449.D
Acq: 29 Nov 2022 01:49

Tgt Ion:149 Resp: 1306
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 10.7 16.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.733 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

Instrument :

BNA_F

ClientSampleId :

B-8S

Tgt Ion:264 Resp: 194070

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.5 16.4 24.6

