

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130189.D
 Acq On : 08 Sep 2022 20:59
 Operator : CG\JU
 Sample : N4534-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-A

Quant Time: Sep 09 01:09:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

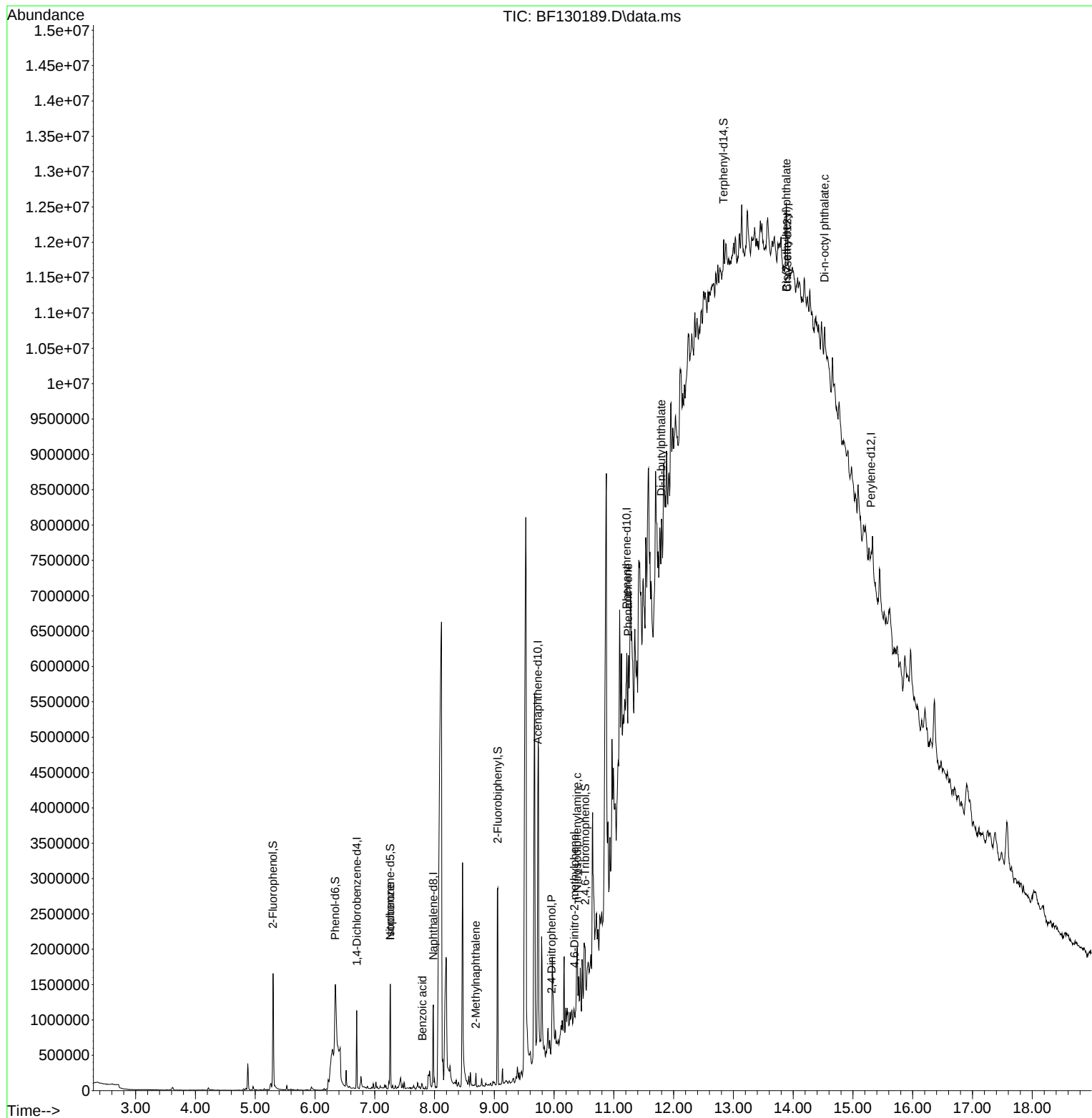
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	143506	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	518484	20.000	ng	0.00
39) Acenaphthene-d10	9.727	164	221057	20.000	ng	0.00
64) Phenanthrene-d10	11.216	188	367381	20.000	ng	# 0.00
76) Chrysene-d12	13.904	240	183947	20.000	ng	# 0.06
86) Perylene-d12	15.304	264	194282	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	541228	64.026	ng	0.00
7) Phenol-d6	6.339	99	781825	74.186	ng	0.00
23) Nitrobenzene-d5	7.257	82	467905	57.997	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	76889	38.211	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	854215	64.067	ng	0.00
79) Terphenyl-d14	12.833	244	601095	56.667	ng	0.04
Target Compounds						
						Qvalue
25) Isophorone	7.257	82	464931	28.472	ng	# 65
32) Benzoic acid	7.798	122	3541	7.119	ng	# 18
37) 2-Methylnaphthalene	8.692	142	45287	2.688	ng	93
54) 2,4-Dinitrophenol	9.957	184	282	8.283	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.339	198	253	6.208	ng	# 1
66) n-Nitrosodiphenylamine	10.386	169	29788	2.425	ng	# 81
71) Phenanthrene	11.239	178	63862	3.205	ng	# 78
74) Di-n-butylphthalate	11.792	149	62407	2.865	ng	# 77
84) Bis(2-ethylhexyl)phtha...	13.886	149	574814	70.467	ng	# 89
85) Di-n-octyl phthalate	14.527	149	46079	3.576	ng	# 1

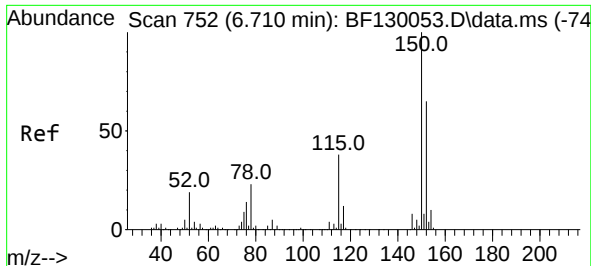
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 07 02:05:07 2022
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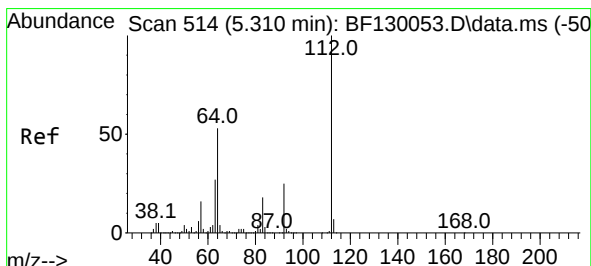
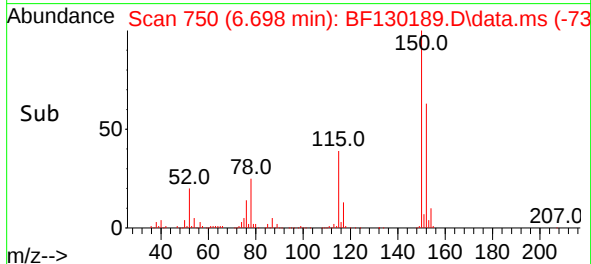
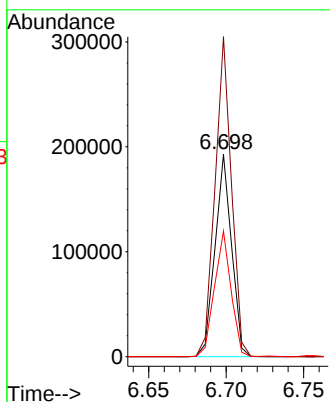
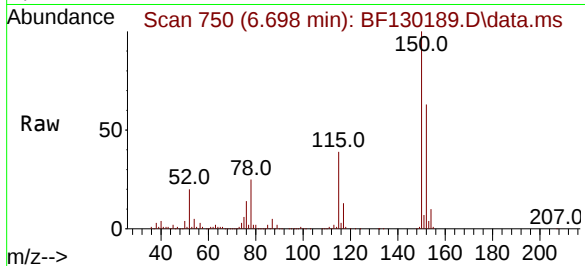




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130189.D
 Acq: 08 Sep 2022 20:59

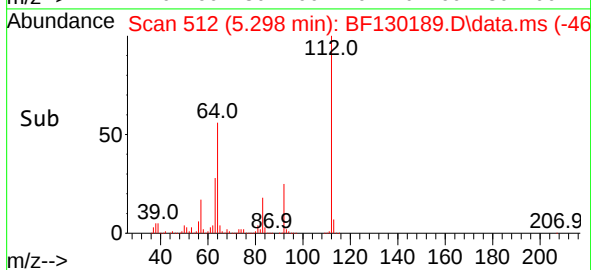
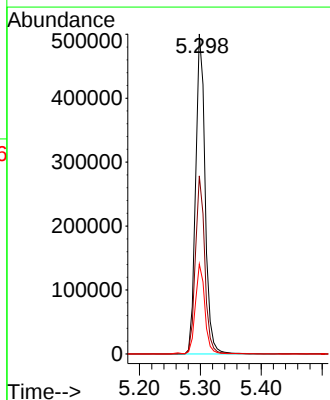
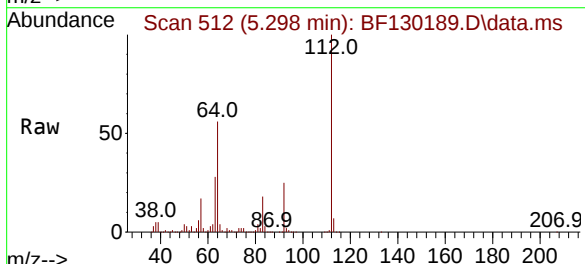
Instrument :
 BNA_F
 ClientSampleId :
 FL-A

Tgt Ion:152 Resp: 143506
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.9 190.3
 115 62.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 64.026 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130189.D
 Acq: 08 Sep 2022 20:59

Tgt Ion:112 Resp: 541228
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.6 71.4
 63 28.1 24.6 37.0

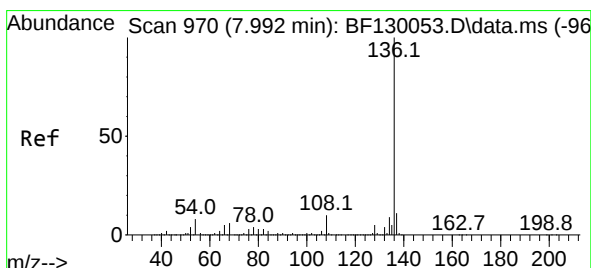
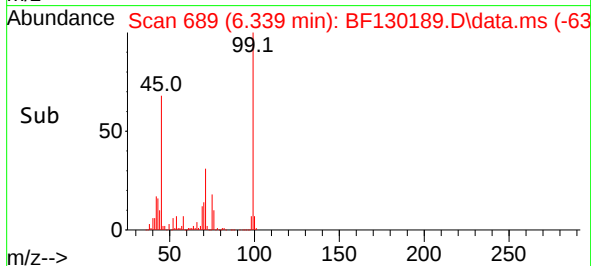
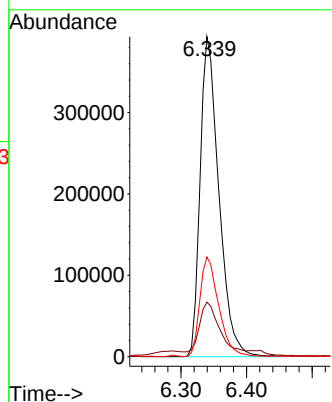
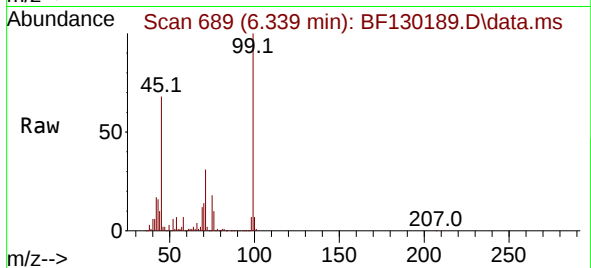




#7
Phenol-d6
Concen: 74.186 ng
RT: 6.339 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

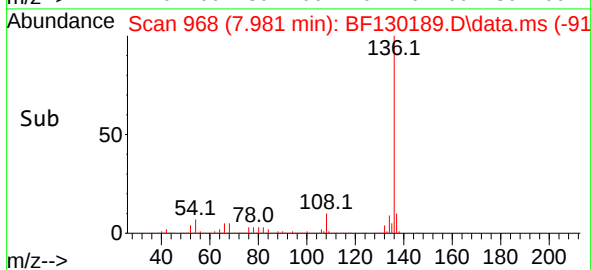
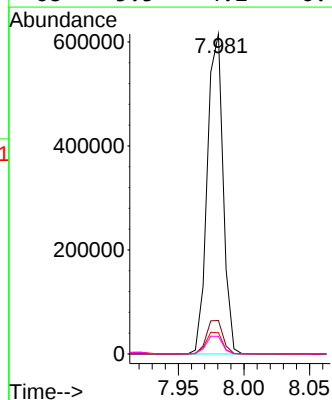
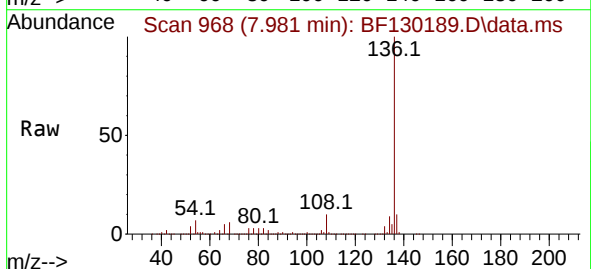
Instrument :
BNA_F
ClientSampleId :
FL-A

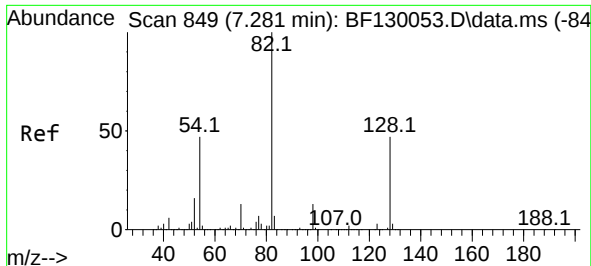
Tgt Ion: 99 Resp: 781825
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 31.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

Tgt Ion: 136 Resp: 518484
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 6.7 6.2 9.2
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 57.997 ng

RT: 7.257 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130189.D

Acq: 08 Sep 2022 20:59

Instrument :

BNA_F

ClientSampleId :

FL-A

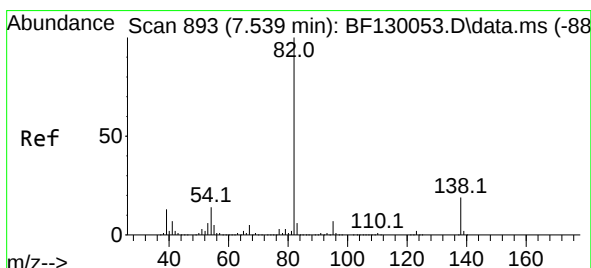
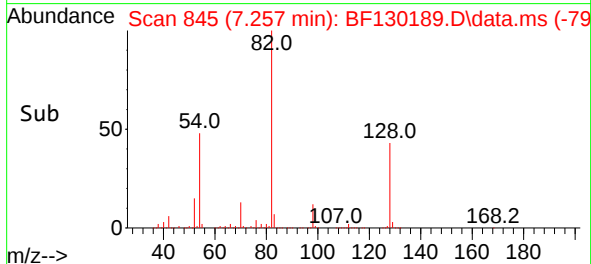
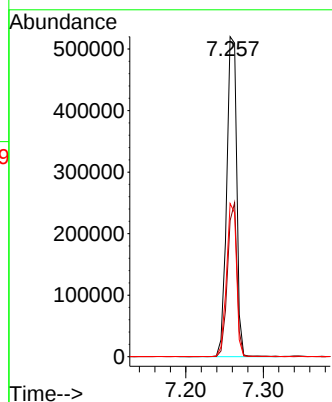
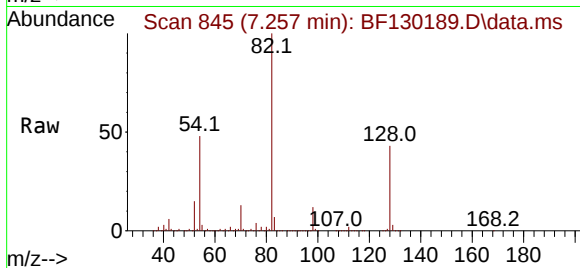
Tgt Ion: 82 Resp: 467905

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

54 47.9 40.0 60.0



#25

Isophorone

Concen: 28.472 ng

RT: 7.257 min Scan# 845

Delta R.T. -0.271 min

Lab File: BF130189.D

Acq: 08 Sep 2022 20:59

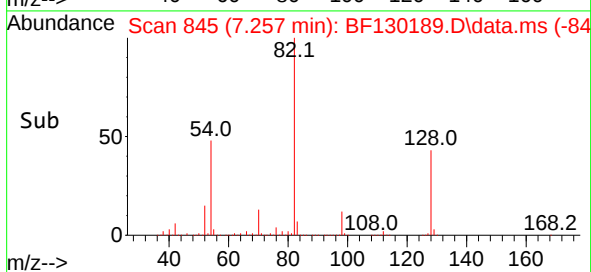
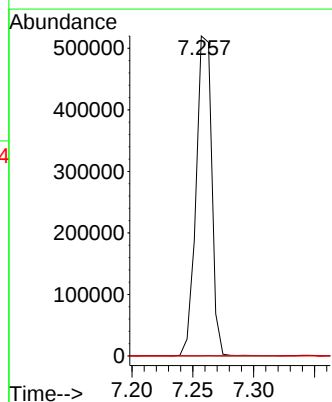
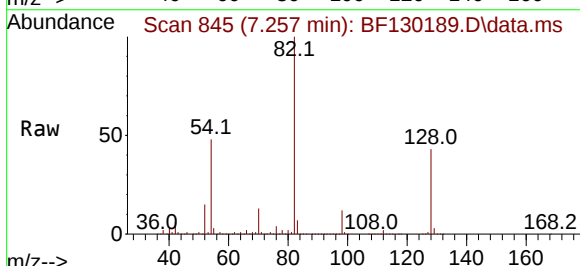
Tgt Ion: 82 Resp: 464931

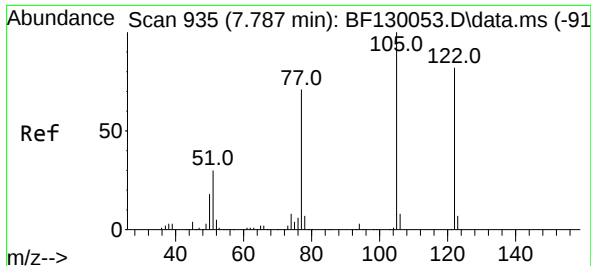
Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

138 0.0 14.6 21.8#

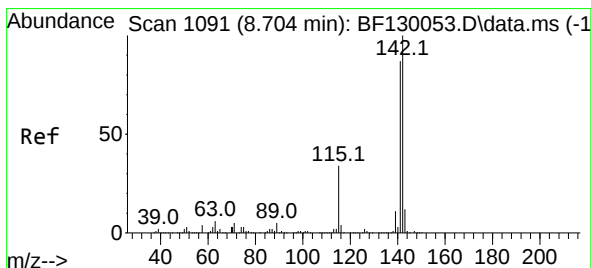
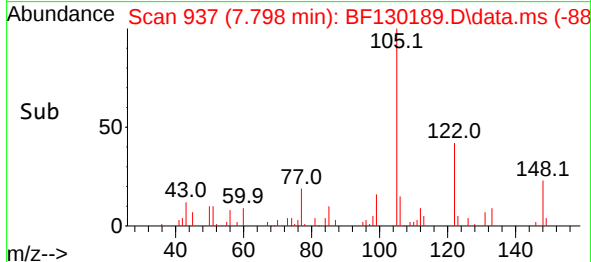
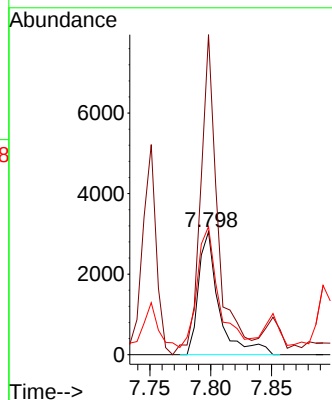
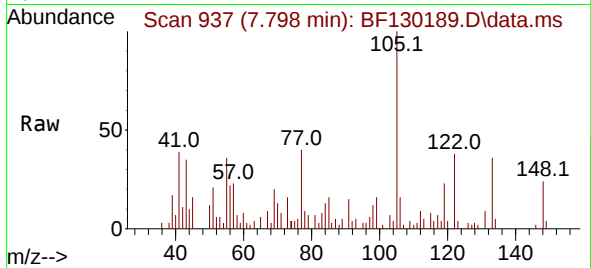




#32
Benzoic acid
Concen: 7.119 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

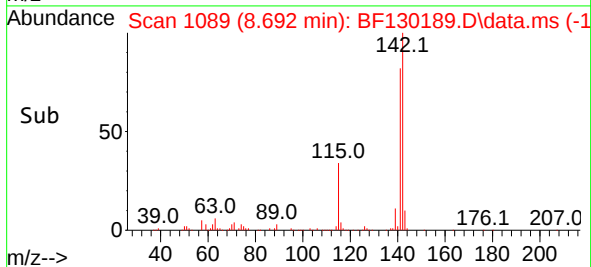
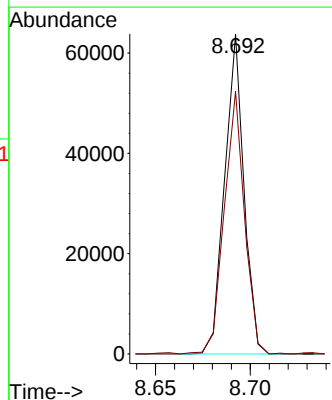
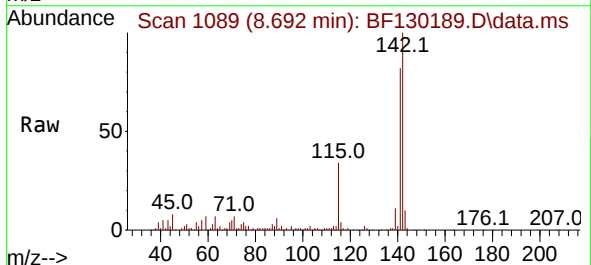
Instrument :
BNA_F
ClientSampleId :
FL-A

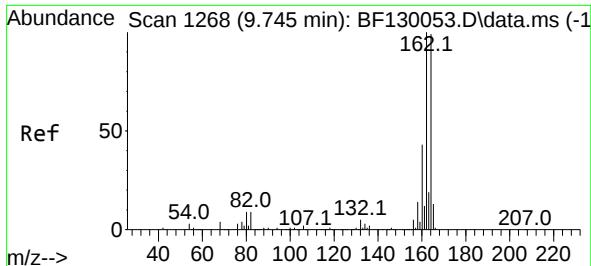
Tgt Ion:122 Resp: 3541
Ion Ratio Lower Upper
122 100
105 260.3 99.9 139.9#
77 104.2 65.9 105.9



#37
2-Methylnaphthalene
Concen: 2.688 ng
RT: 8.692 min Scan# 1089
Delta R.T. -0.000 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

Tgt Ion:142 Resp: 45287
Ion Ratio Lower Upper
142 100
141 82.0 70.9 106.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.727 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130189.D

Acq: 08 Sep 2022 20:59

Instrument :

BNA_F

ClientSampleId :

FL-A

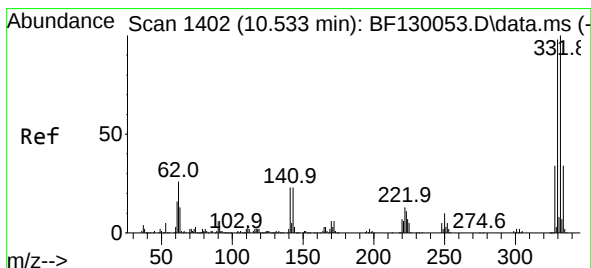
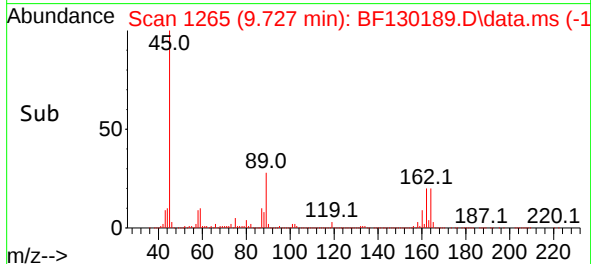
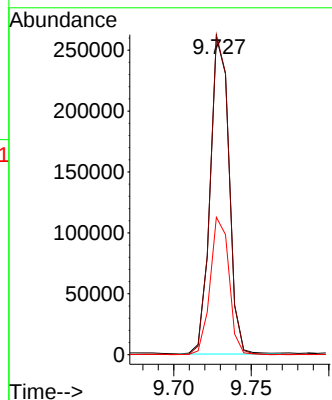
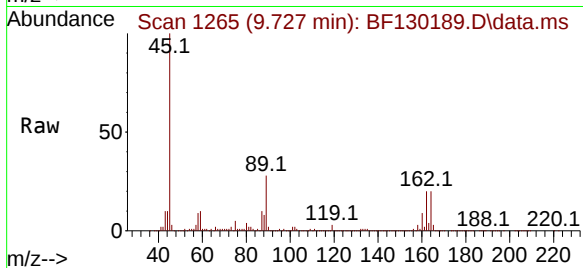
Tgt Ion:164 Resp: 221057

Ion Ratio Lower Upper

164 100

162 100.7 82.0 123.0

160 43.2 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 38.211 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.000 min

Lab File: BF130189.D

Acq: 08 Sep 2022 20:59

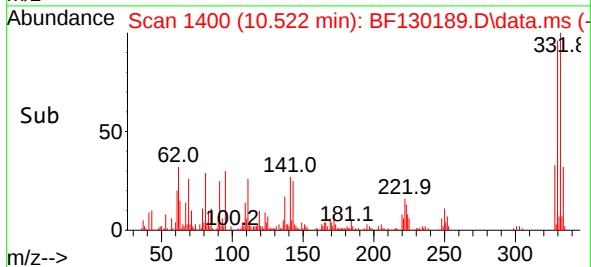
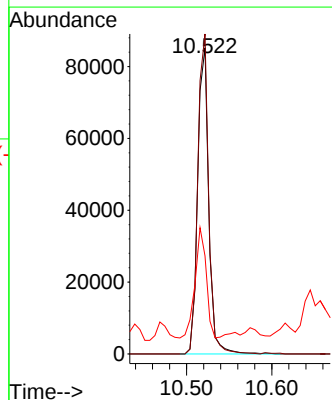
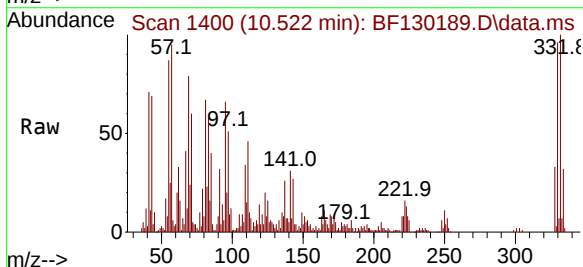
Tgt Ion:330 Resp: 76889

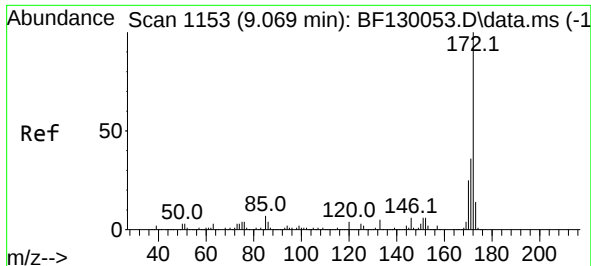
Ion Ratio Lower Upper

330 100

332 102.6 82.6 124.0

141 36.3 27.6 41.4

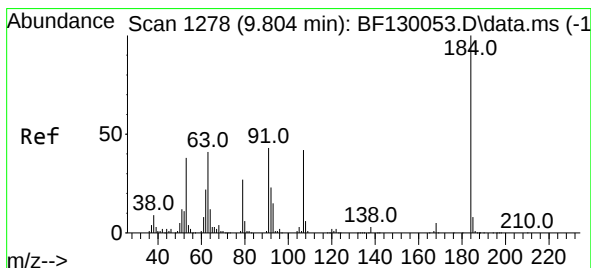
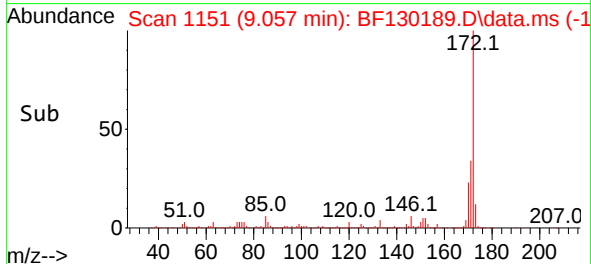
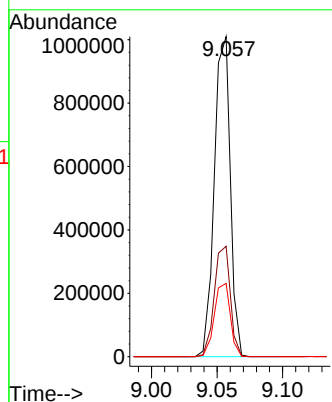
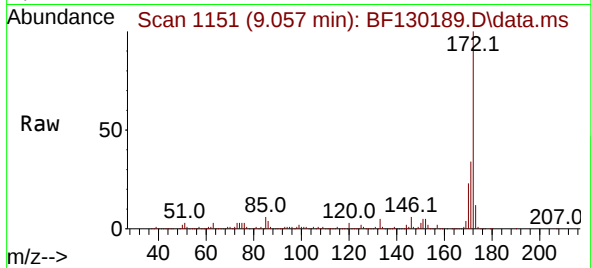




#45
2-Fluorobiphenyl
Concen: 64.067 ng
RT: 9.057 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

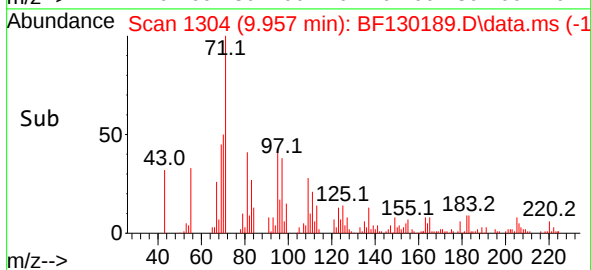
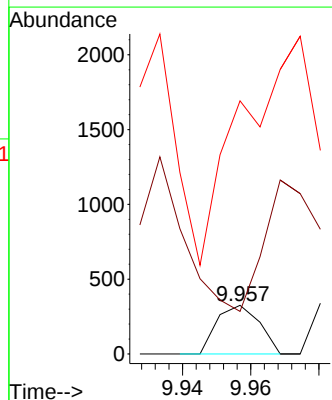
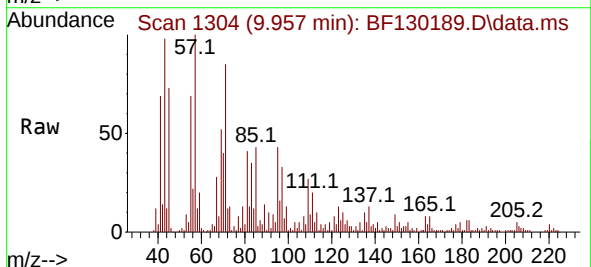
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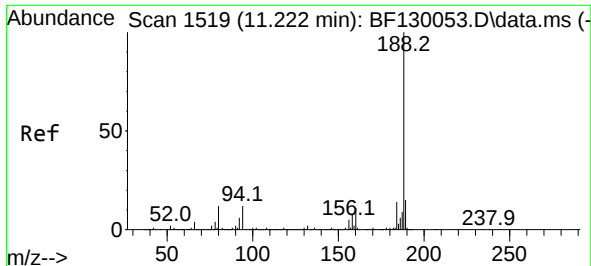
Tgt Ion:172 Resp: 854215
Ion Ratio Lower Upper
172 100
171 34.5 28.4 42.6
170 22.9 19.1 28.7



#54
2,4-Dinitrophenol
Concen: 8.283 ng
RT: 9.957 min Scan# 1304
Delta R.T. 0.165 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

Tgt Ion:184 Resp: 282
Ion Ratio Lower Upper
184 100
63 87.7 59.6 89.4
154 520.6 55.3 82.9#

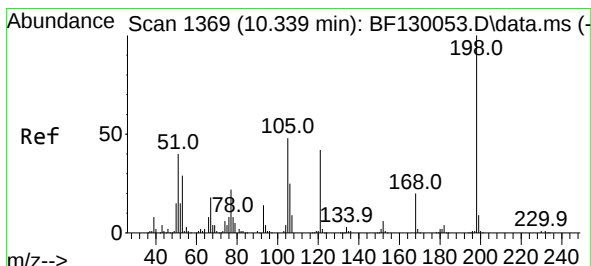
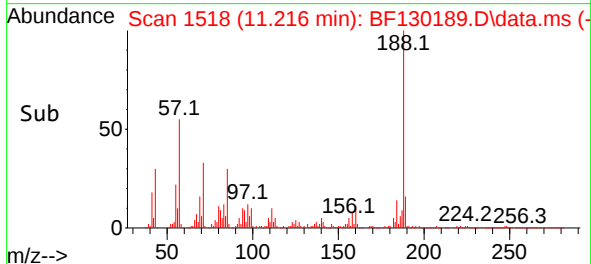
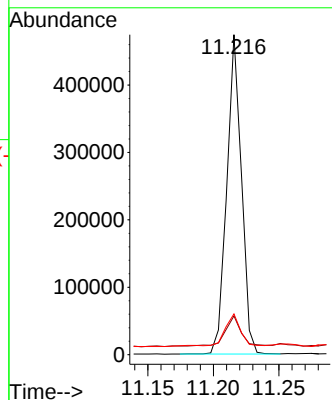
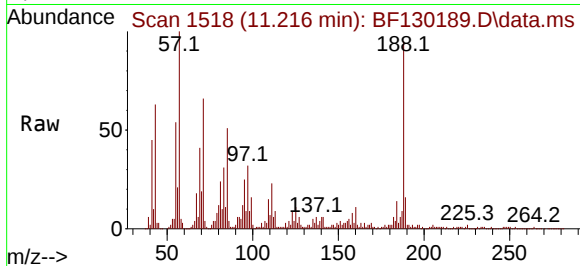




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

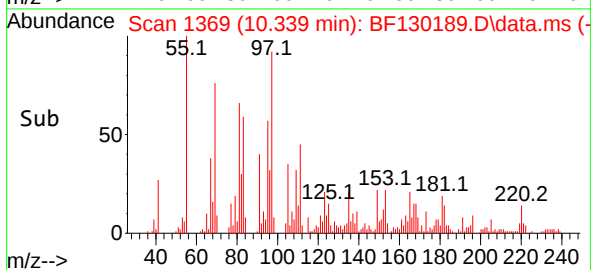
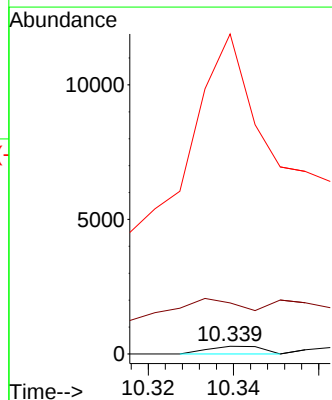
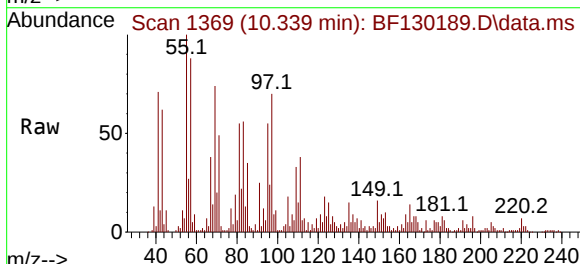
Instrument :
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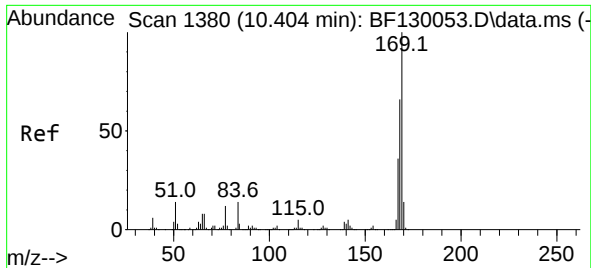
Tgt Ion:188 Resp: 367381
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.7 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.208 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.012 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

Tgt Ion:198 Resp: 253
Ion Ratio Lower Upper
198 100
51 668.7 29.4 69.4#
105 4187.7 29.2 69.2#

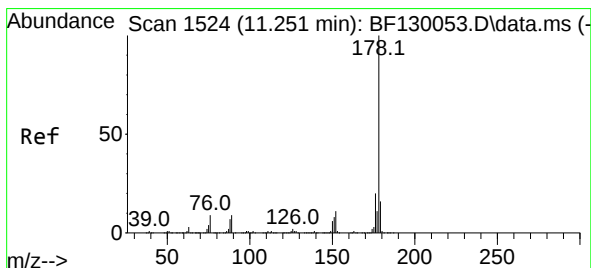
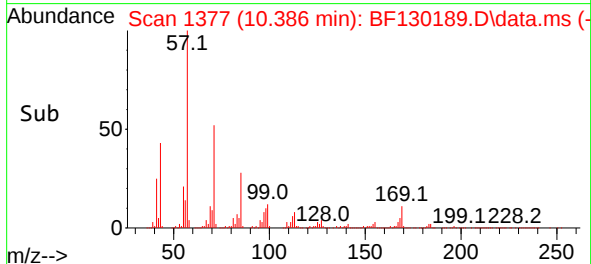
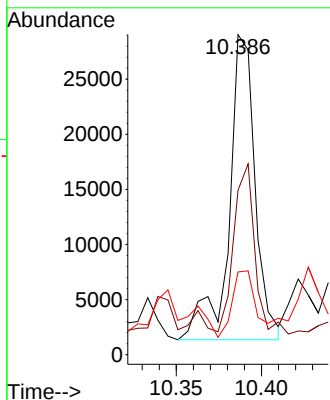
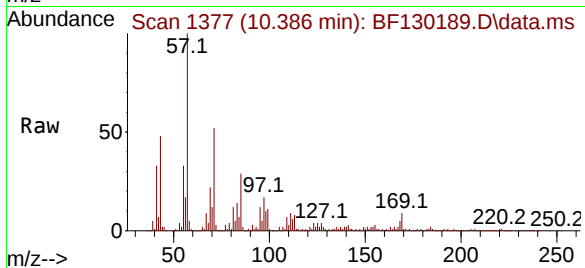




#66
n-Nitrosodiphenylamine
Concen: 2.425 ng
RT: 10.386 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

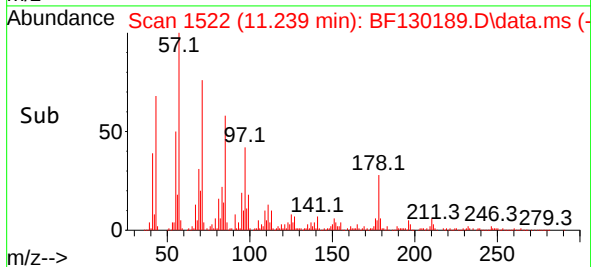
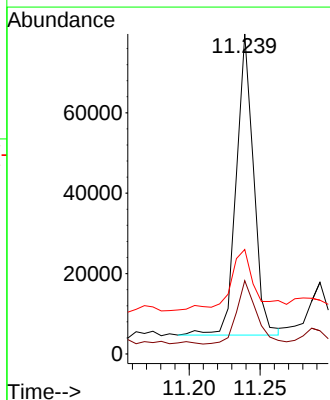
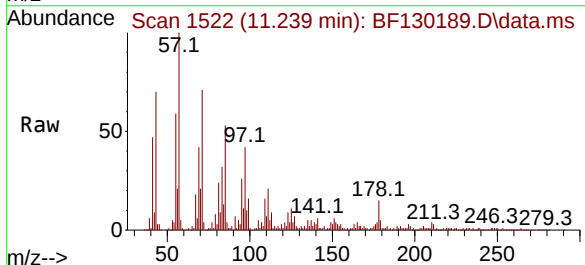
Instrument :
BNA_F
ClientSampleId :
FL-A

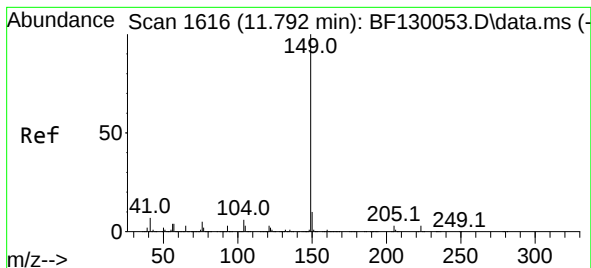
Tgt Ion:169 Resp: 29788
Ion Ratio Lower Upper
169 100
168 51.4 53.4 80.2#
167 25.9 29.1 43.7#



#71
Phenanthrene
Concen: 3.205 ng
RT: 11.239 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

Tgt Ion:178 Resp: 63862
Ion Ratio Lower Upper
178 100
176 22.9 15.5 23.3
179 32.6 12.5 18.7#





#74

Di-n-butylphthalate

Concen: 2.865 ng

RT: 11.792 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF130189.D

Acq: 08 Sep 2022 20:59

Instrument :

BNA_F

ClientSampleId :

FL-A

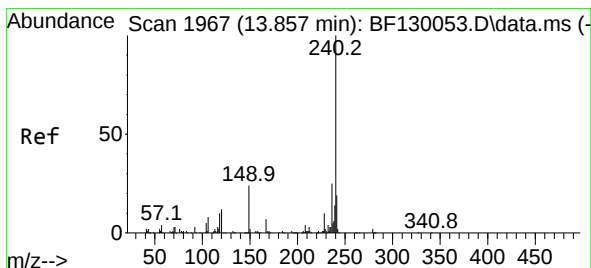
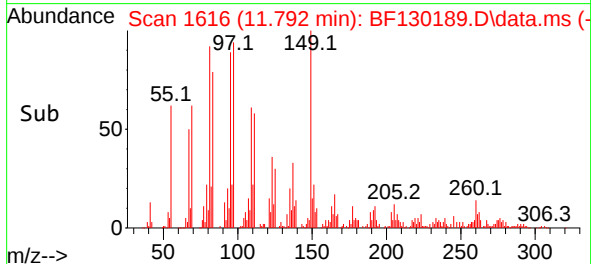
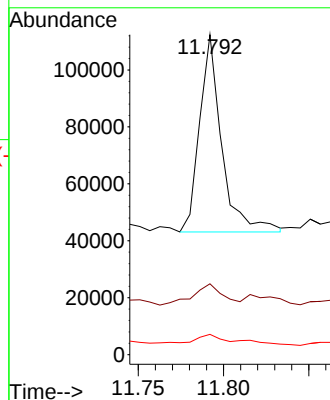
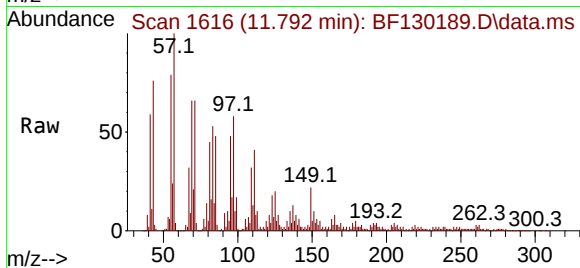
Tgt Ion:149 Resp: 62407

Ion Ratio Lower Upper

149 100

150 22.1 7.8 11.6#

104 6.4 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.904 min Scan# 1975

Delta R.T. 0.059 min

Lab File: BF130189.D

Acq: 08 Sep 2022 20:59

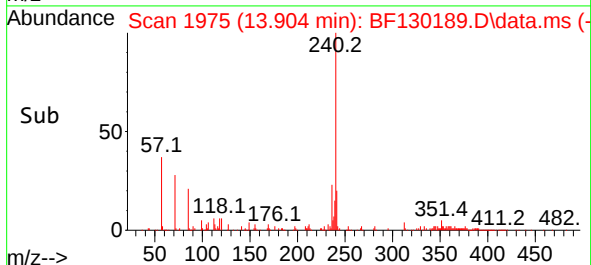
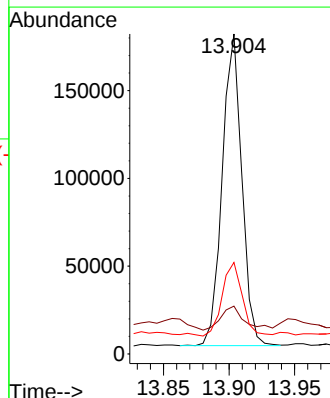
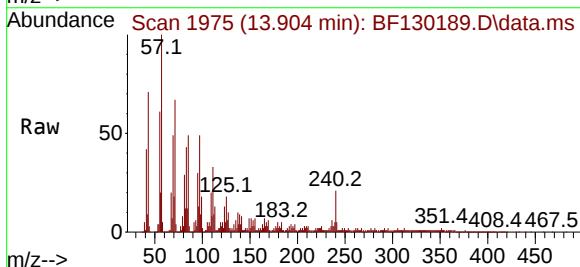
Tgt Ion:240 Resp: 183947

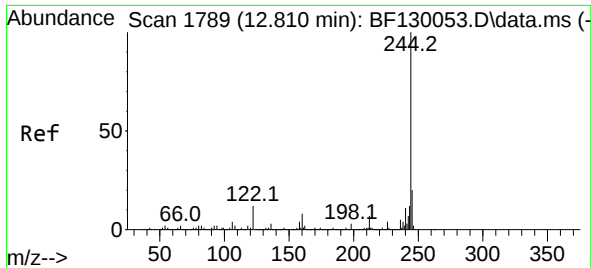
Ion Ratio Lower Upper

240 100

120 14.9 9.2 13.8#

236 28.6 20.7 31.1

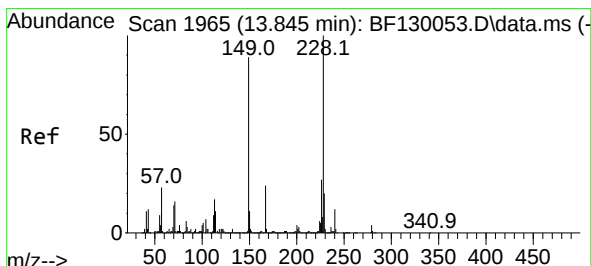
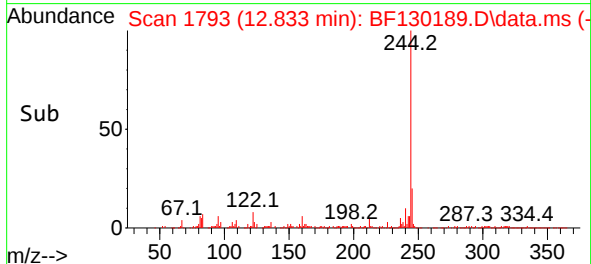
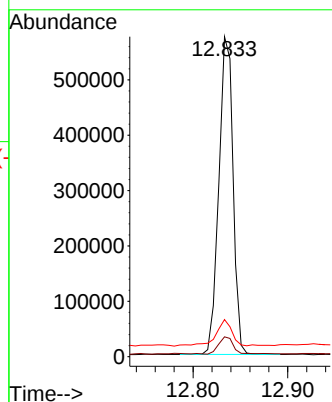
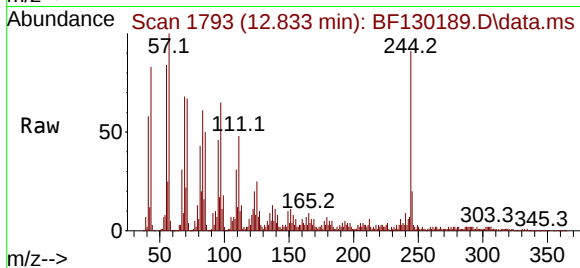




#79
 Terphenyl-d14
 Concen: 56.667 ng
 RT: 12.833 min Scan# 1793
 Delta R.T. 0.035 min
 Lab File: BF130189.D
 Acq: 08 Sep 2022 20:59

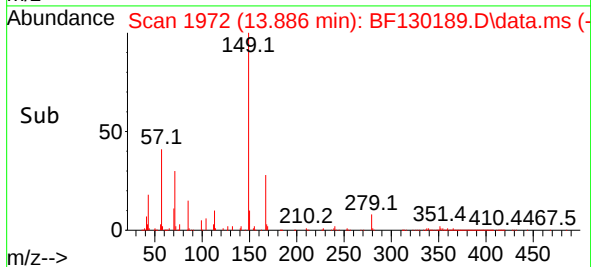
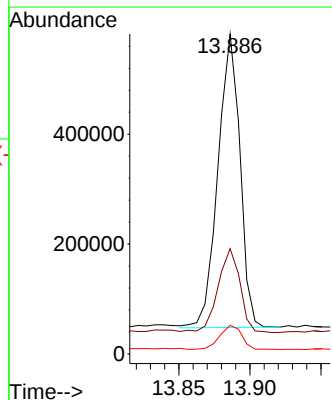
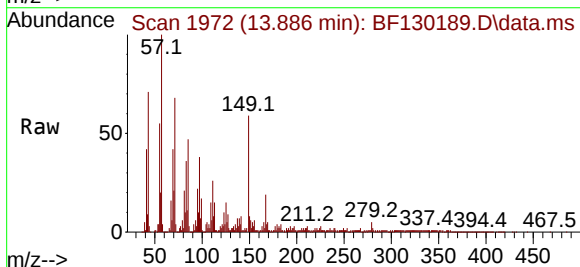
Instrument :
 BNA_F
 ClientSampleId :
 FL-A

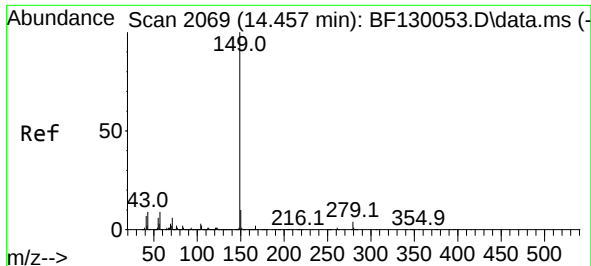
Tgt Ion:244 Resp: 601095
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.9 8.9
 122 11.6 9.9 14.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 70.467 ng
 RT: 13.886 min Scan# 1972
 Delta R.T. 0.053 min
 Lab File: BF130189.D
 Acq: 08 Sep 2022 20:59

Tgt Ion:149 Resp: 574814
 Ion Ratio Lower Upper
 149 100
 167 32.9 22.0 33.0
 279 9.0 3.6 5.4

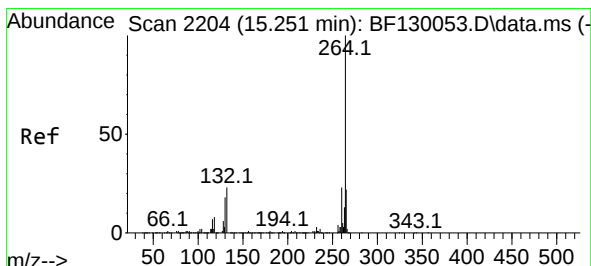
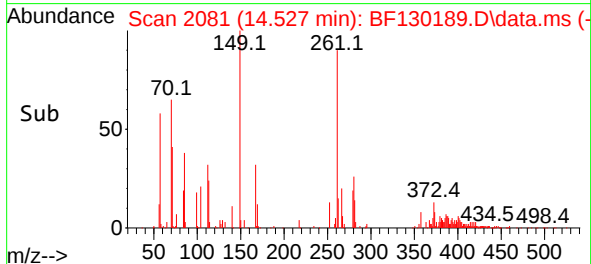
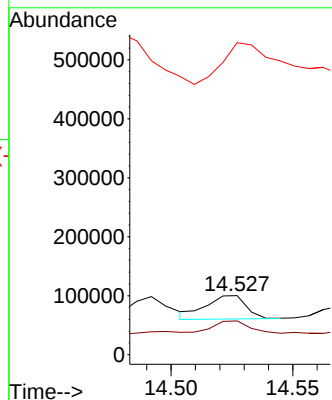
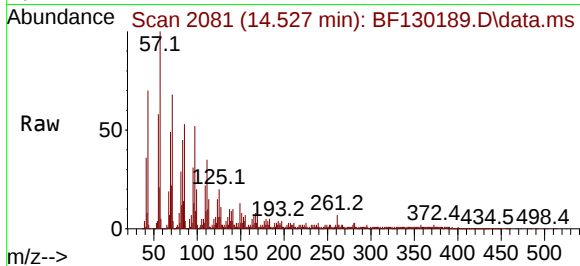




#85
Di-n-octyl phthalate
Concen: 3.576 ng
RT: 14.527 min Scan# 2069
Delta R.T. 0.082 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

Instrument :
BNA_F
ClientSampleId :
FL-A

Tgt Ion:149 Resp: 46079
Ion Ratio Lower Upper
149 100
167 65.4 1.3 1.9#
43 753.7 7.8 11.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2213
Delta R.T. 0.065 min
Lab File: BF130189.D
Acq: 08 Sep 2022 20:59

Tgt Ion:264 Resp: 194282
Ion Ratio Lower Upper
264 100
260 24.8 19.1 28.7
265 24.8 16.7 25.1

