

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126434.D
 Acq On : 30 Dec 2021 23:07
 Operator : JU/CG
 Sample : M5244-42
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-14B

Quant Time: Dec 31 00:39:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

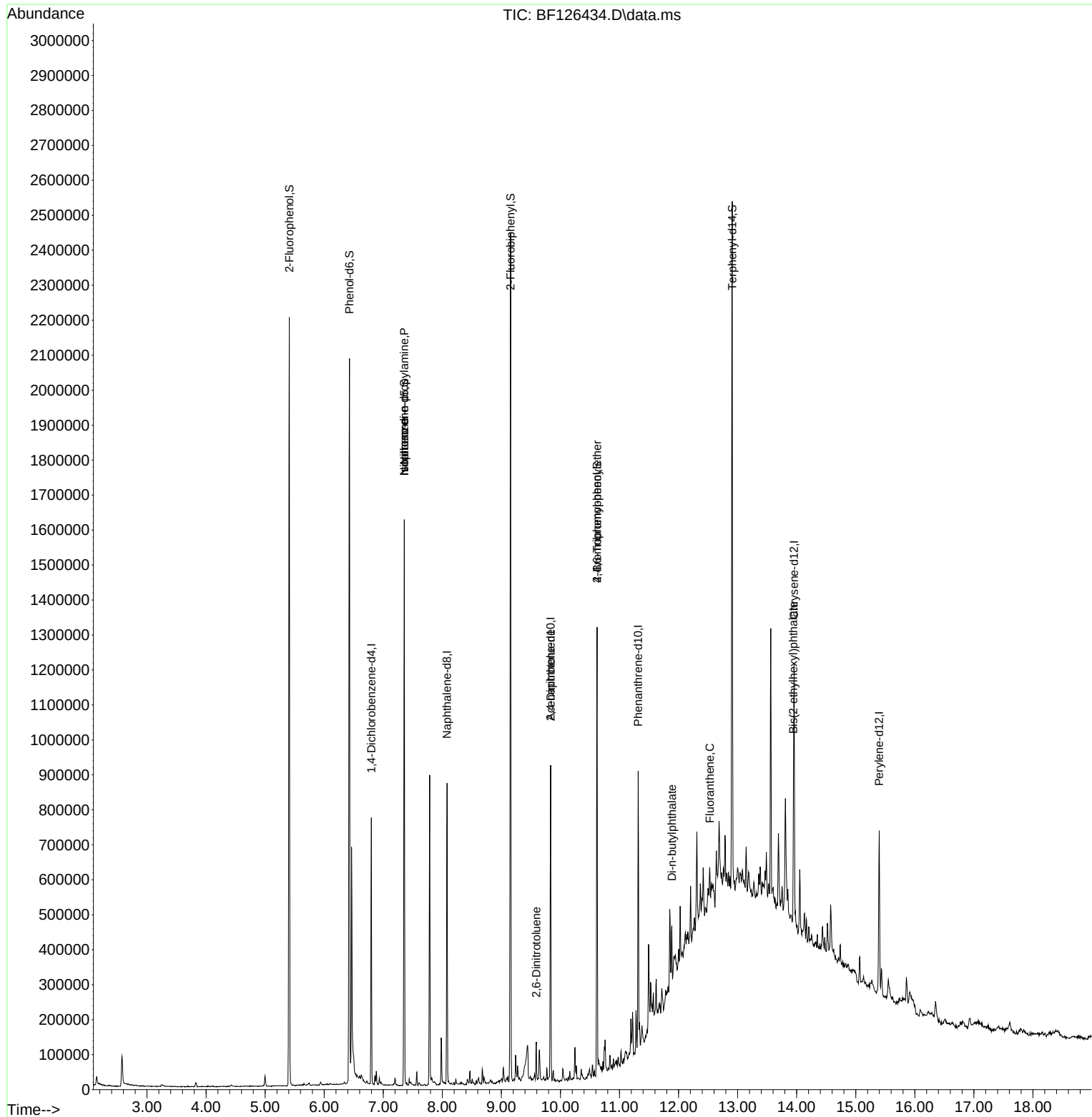
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	97548	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	356910	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	160042	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	262284	20.000	ng	0.00
76) Chrysene-d12	13.957	240	235431	20.000	ng	0.00
86) Perylene-d12	15.398	264	182232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	615631	90.631	ng	0.00
7) Phenol-d6	6.428	99	769840	87.501	ng	0.00
23) Nitrobenzene-d5	7.357	82	484301	69.673	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	143506	116.038	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	696484	76.581	ng	0.00
79) Terphenyl-d14	12.910	244	694378	57.305	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	61651	12.280	ng	# 80
25) Isophorone	7.357	82	481315	38.680	ng	# 69
51) 2,6-Dinitrotoluene	9.592	165	9367	4.341	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	20163	7.243	ng	# 15
67) 4-Bromophenyl-phenylether	10.622	248	7616	3.271	ng	# 1
74) Di-n-butylphthalate	11.886	149	68135	4.555	ng	99
75) Fluoranthene	12.527	202	29986	2.450	ng	87
77) Benzidine	12.639	184	1178	Below Cal		# 1
84) Bis(2-ethylhexyl)phtha...	13.945	149	78028	8.540	ng	99

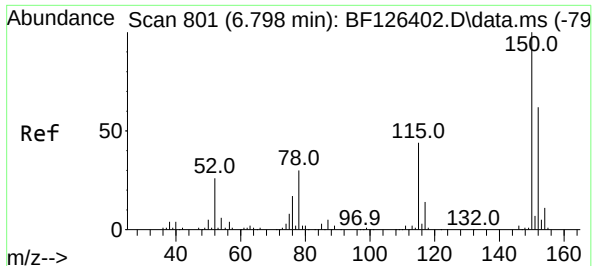
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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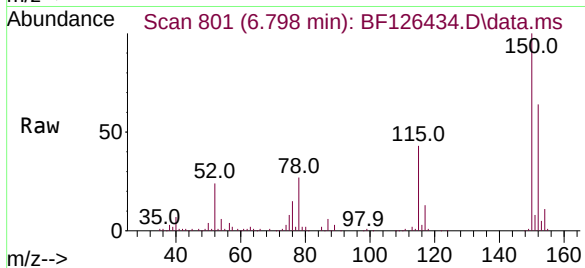
Quant Time: Dec 31 00:39:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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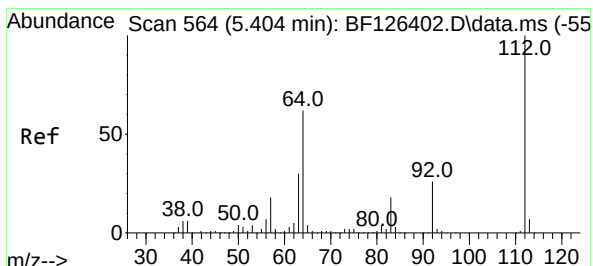
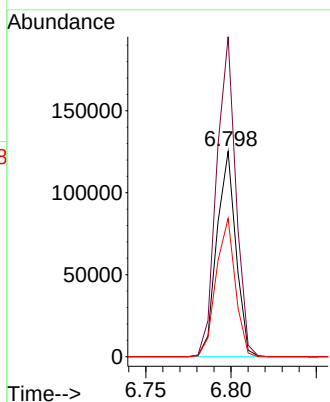
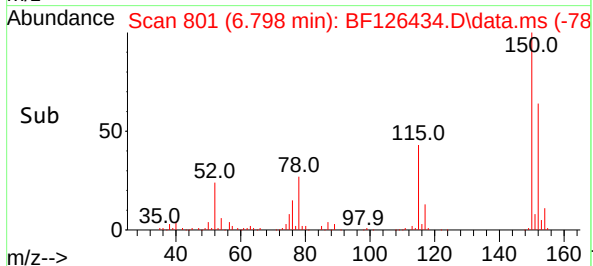


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07

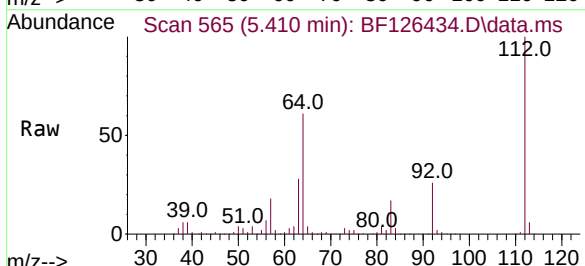
Instrument :
BNA_F
ClientSampleId :
CONC-14B



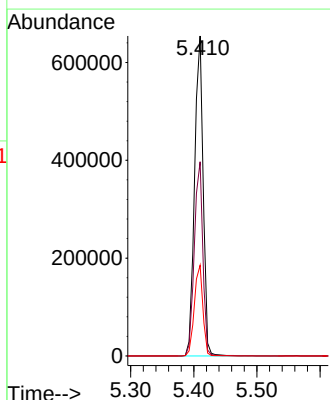
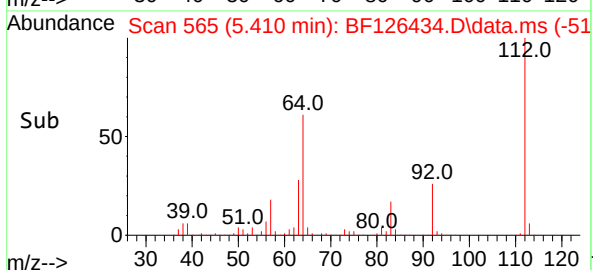
Tgt Ion:152 Resp: 97548
Ion Ratio Lower Upper
152 100
150 155.9 128.1 192.1
115 67.4 56.7 85.1

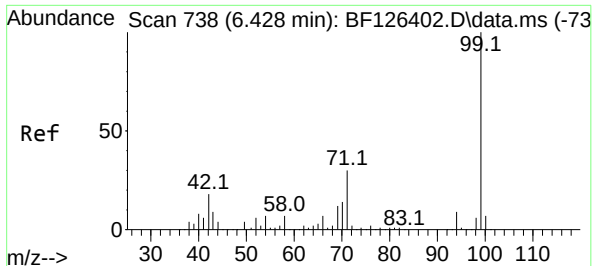


#5
2-Fluorophenol
Concen: 90.631 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07



Tgt Ion:112 Resp: 615631
Ion Ratio Lower Upper
112 100
64 60.7 49.5 74.3
63 28.4 23.9 35.9

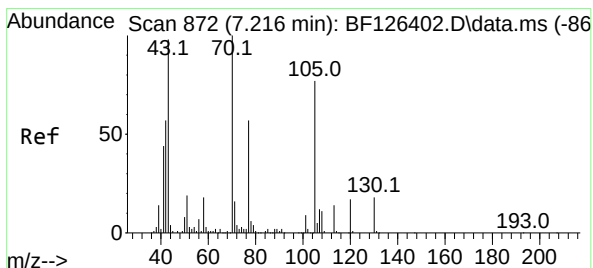
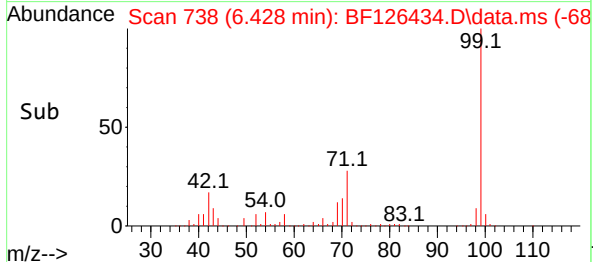
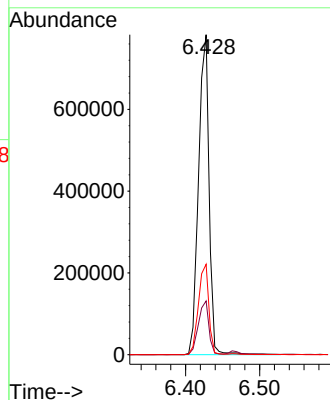
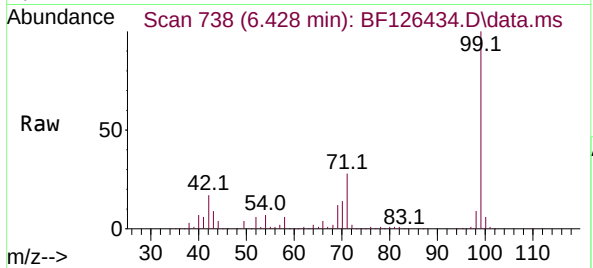




#7
Phenol-d6
Concen: 87.501 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07

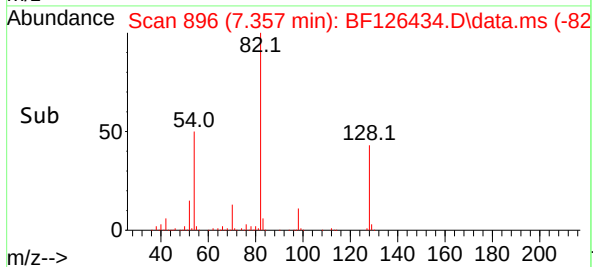
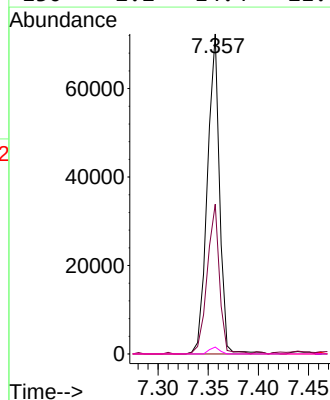
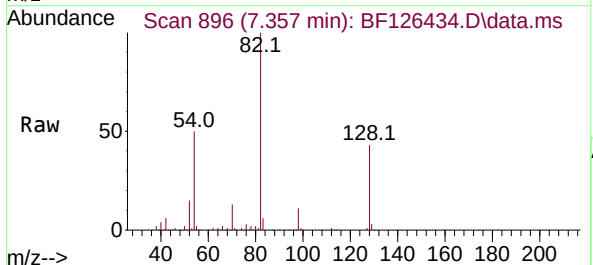
Instrument :
BNA_F
ClientSampleId :
CONC-14B

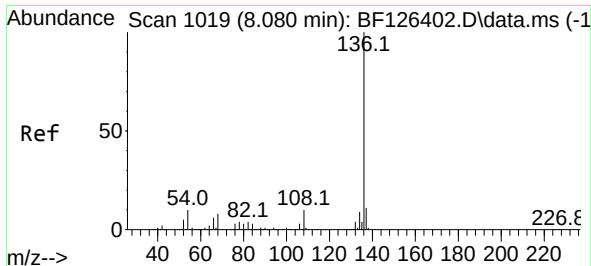
Tgt Ion: 99 Resp: 769840
Ion Ratio Lower Upper
99 100
42 16.8 14.2 21.4
71 28.2 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.280 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07

Tgt Ion: 70 Resp: 61651
Ion Ratio Lower Upper
70 100
42 46.8 45.8 68.8
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#



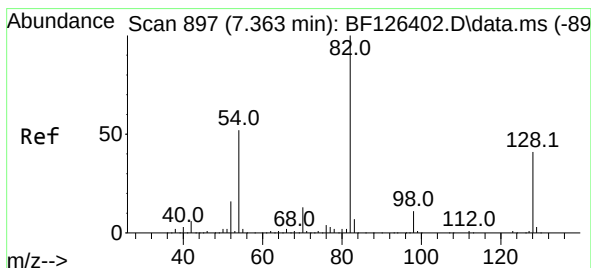
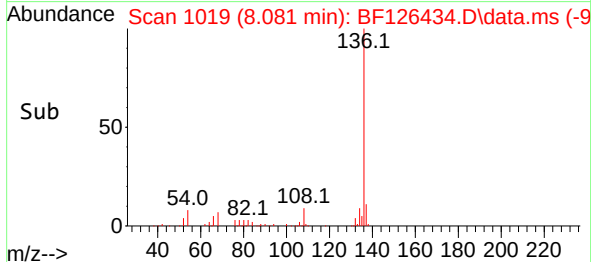
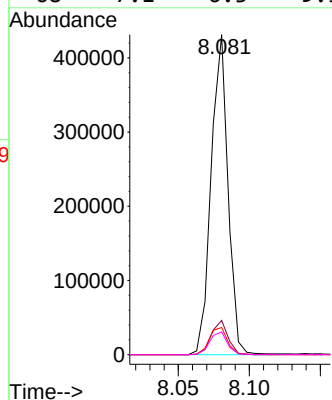
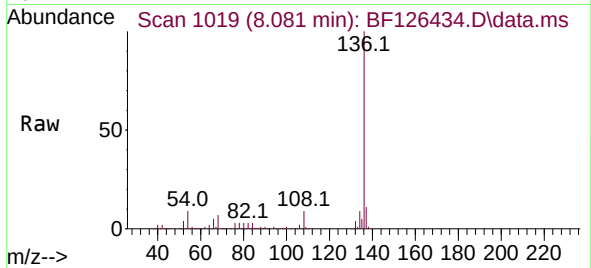


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07

Instrument :
BNA_F
ClientSampleId :
CONC-14B

Tgt Ion:136 Resp: 356910

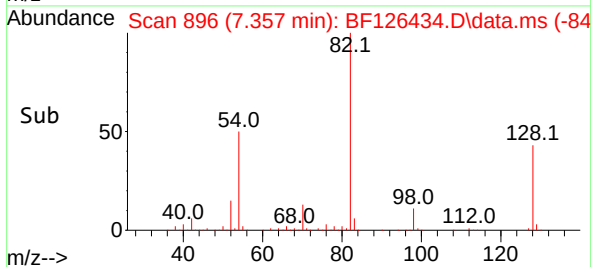
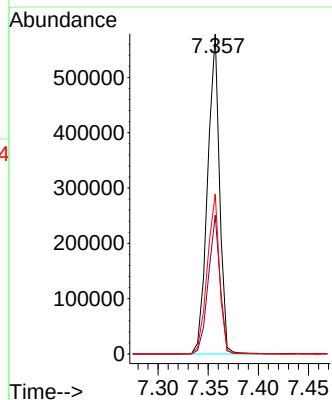
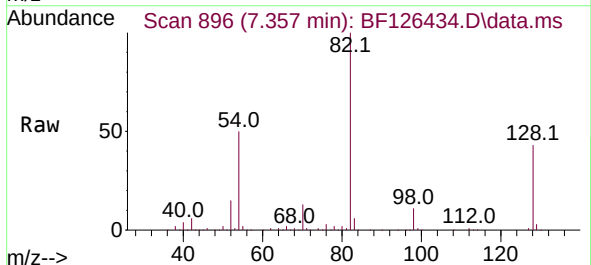
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.5	7.8	11.6
68	7.1	6.3	9.5

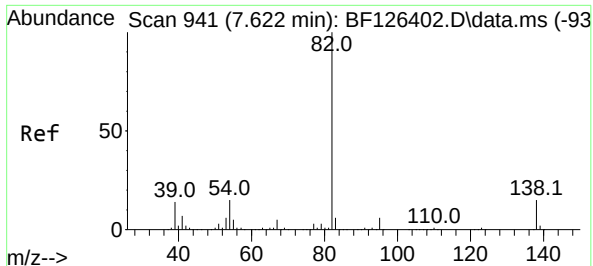


#23
Nitrobenzene-d5
Concen: 69.673 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07

Tgt Ion: 82 Resp: 484301

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.7	49.1
54	50.0	41.7	62.5

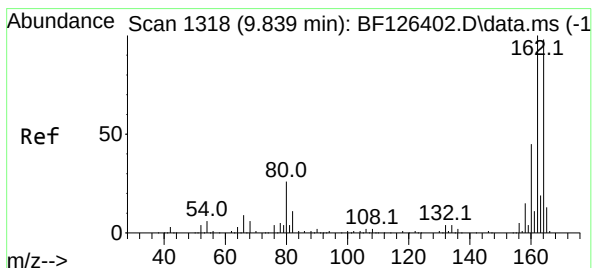
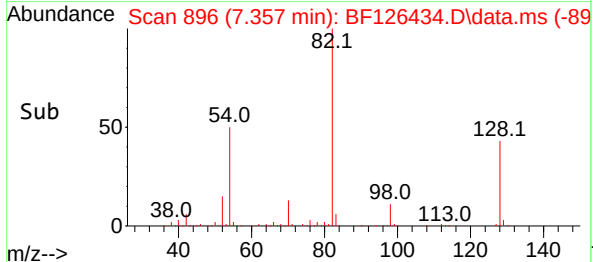
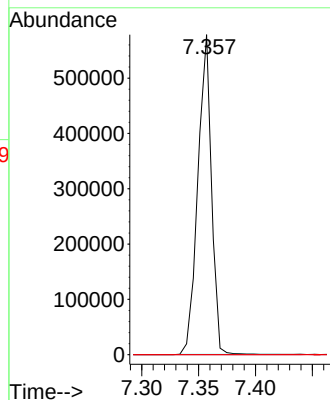
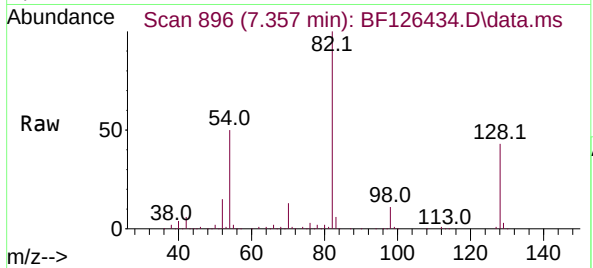




#25
Isophorone
Concen: 38.680 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07

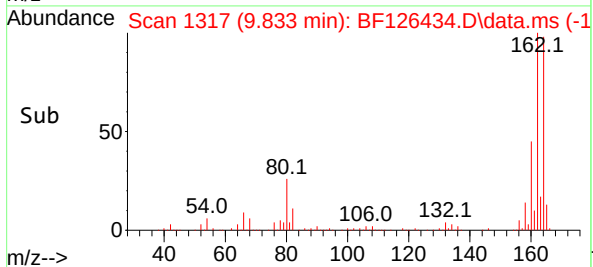
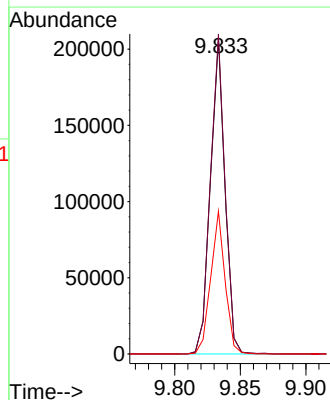
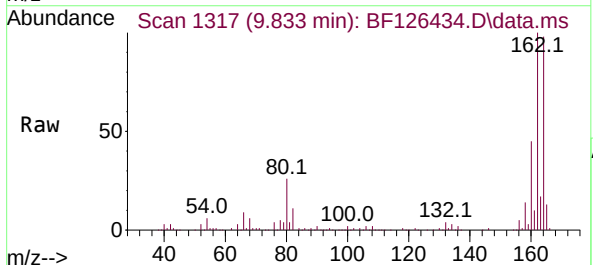
Instrument :
BNA_F
ClientSampleId :
CONC-14B

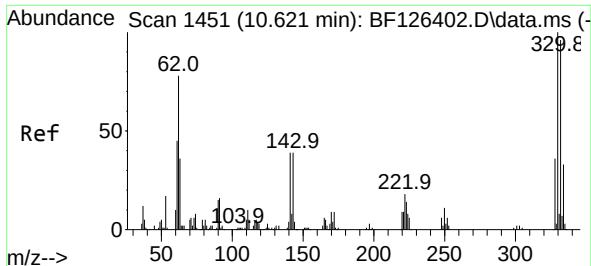
Tgt Ion: 82 Resp: 481315
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07

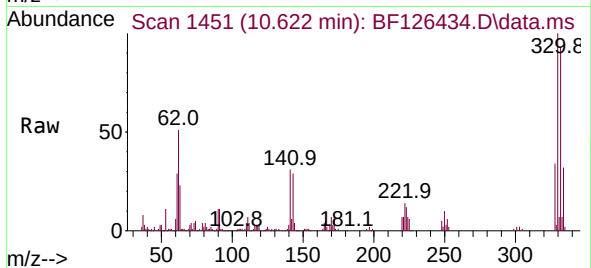
Tgt Ion: 164 Resp: 160042
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 45.3 36.6 54.8



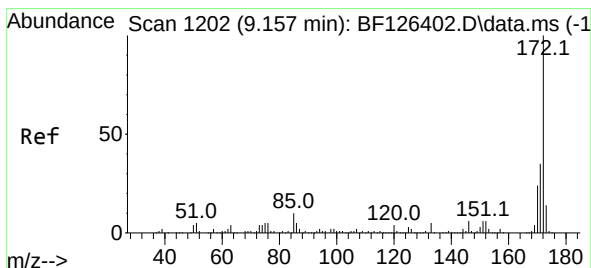
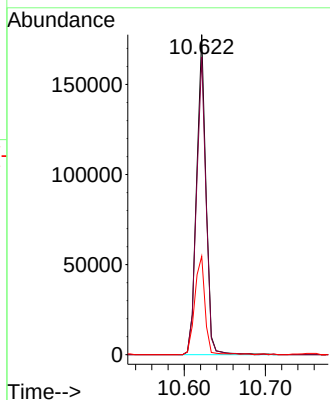
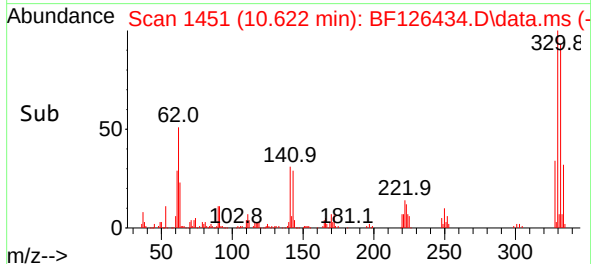


#42
2,4,6-Tribromophenol
Concen: 116.038 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07

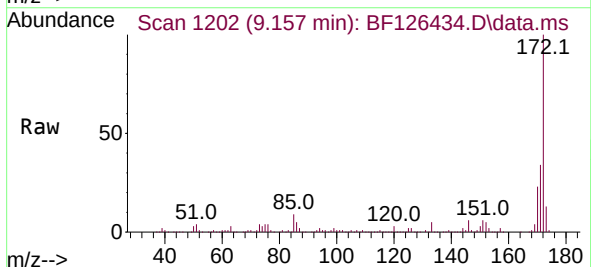
Instrument :
BNA_F
ClientSampleId :
CONC-14B



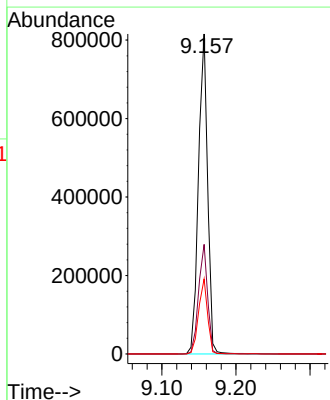
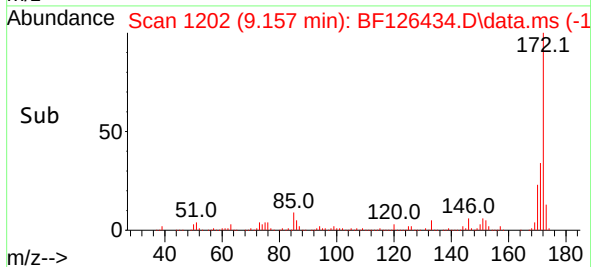
Tgt Ion:330 Resp: 143506
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 33.8 30.1 45.1

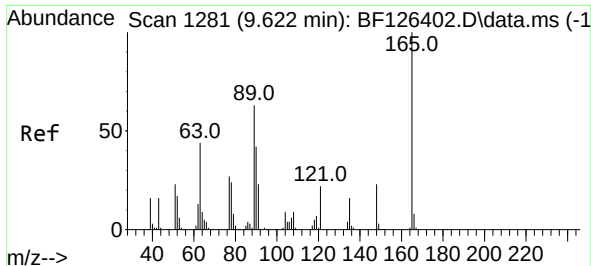


#45
2-Fluorobiphenyl
Concen: 76.581 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07



Tgt Ion:172 Resp: 696484
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 4.341 ng

RT: 9.592 min Scan# 11

Delta R.T. -0.029 min

Lab File: BF126434.D

Acq: 30 Dec 2021 23:07

Instrument :

BNA_F

ClientSampleId :

CONC-14B

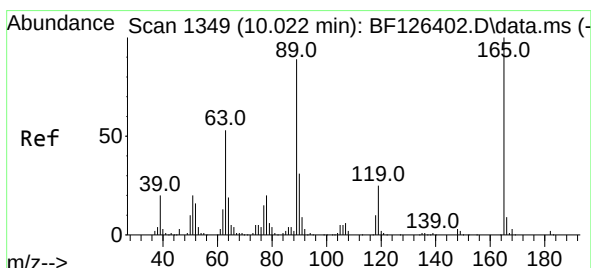
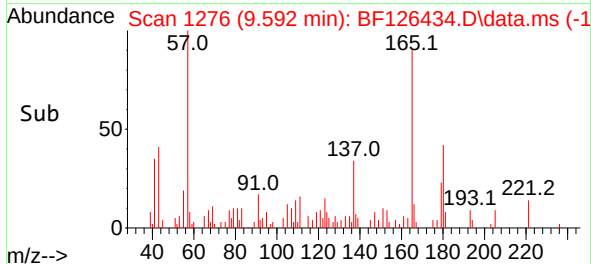
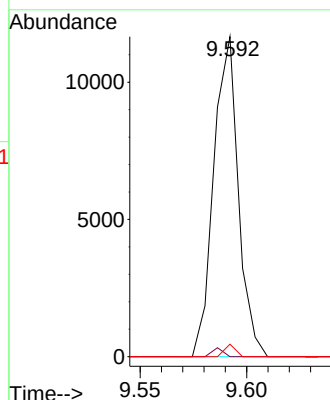
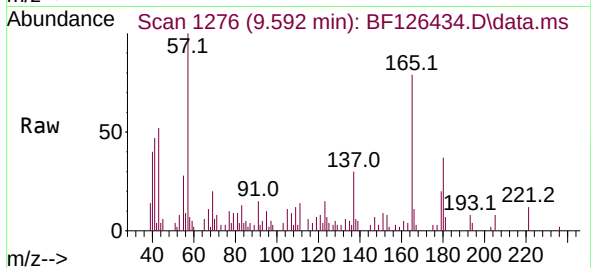
Tgt Ion:165 Resp: 9367

Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

89 3.9 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 7.243 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.188 min

Lab File: BF126434.D

Acq: 30 Dec 2021 23:07

Tgt Ion:165 Resp: 20163

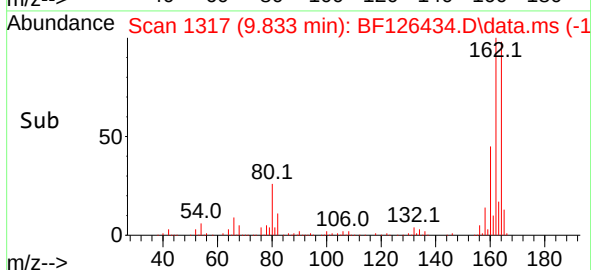
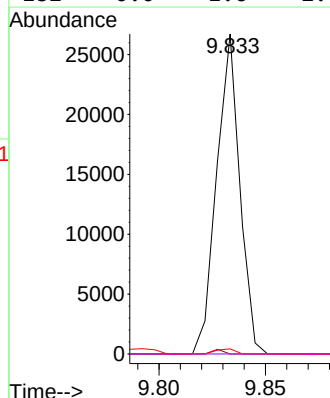
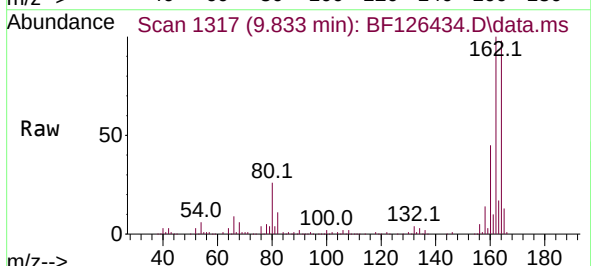
Ion Ratio Lower Upper

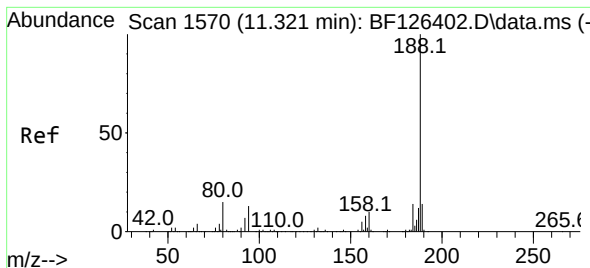
165 100

63 0.0 43.0 64.6#

89 1.6 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126434.D

Acq: 30 Dec 2021 23:07

Instrument :

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ClientSampleId :

CONC-14B

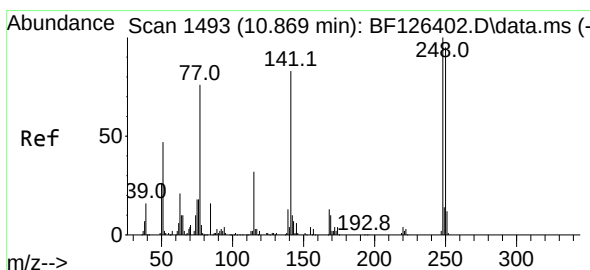
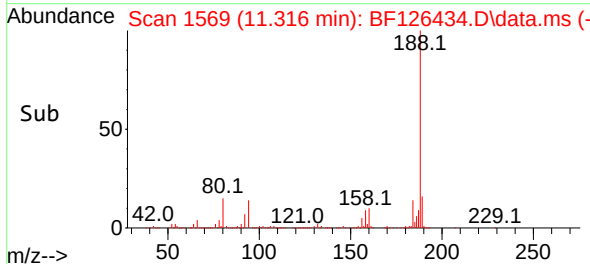
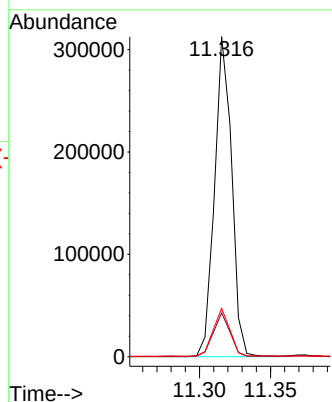
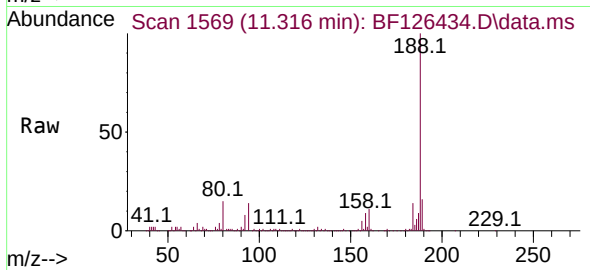
Tgt Ion:188 Resp: 262284

Ion Ratio Lower Upper

188 100

94 13.7 10.1 15.1

80 15.1 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.271 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF126434.D

Acq: 30 Dec 2021 23:07

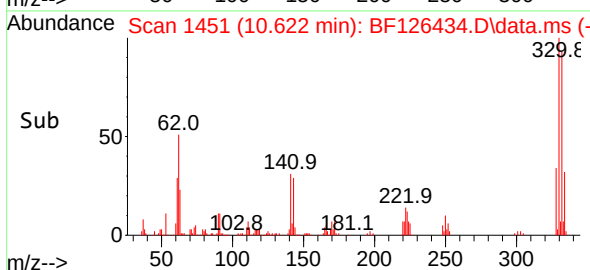
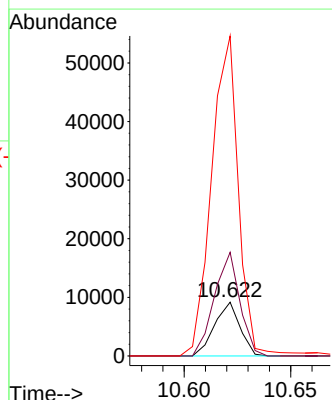
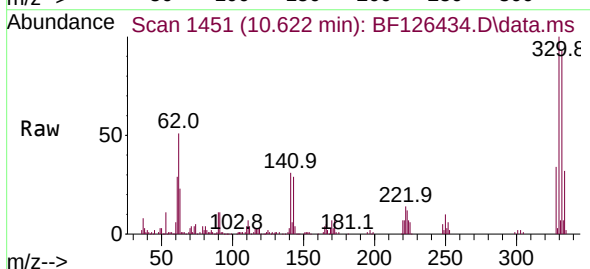
Tgt Ion:248 Resp: 7616

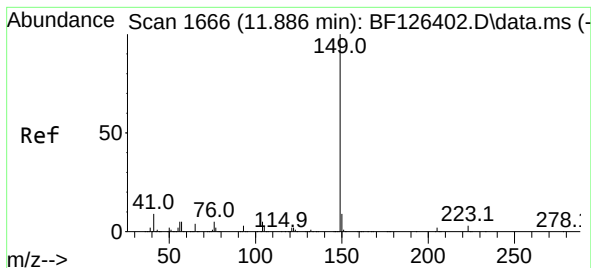
Ion Ratio Lower Upper

248 100

250 192.6 76.2 114.4#

141 594.4 66.2 99.4#





#74

Di-n-butylphthalate

Concen: 4.555 ng

RT: 11.886 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126434.D

Acq: 30 Dec 2021 23:07

Instrument :

BNA_F

ClientSampleId :

CONC-14B

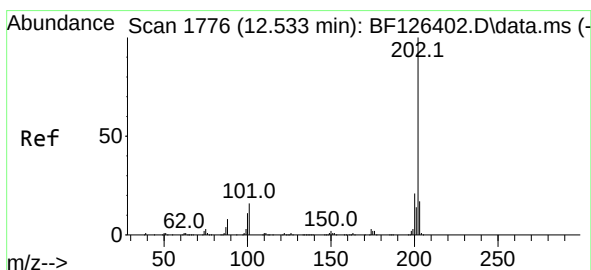
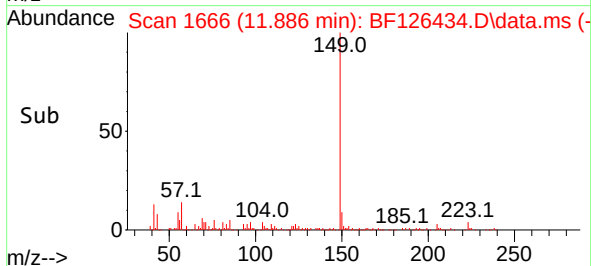
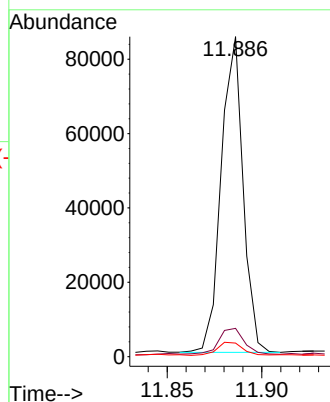
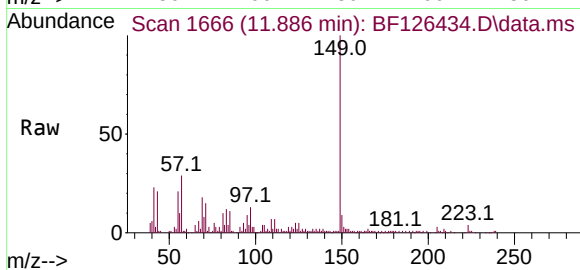
Tgt Ion:149 Resp: 68135

Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 4.2 4.2 6.2



#75

Fluoranthene

Concen: 2.450 ng

RT: 12.527 min Scan# 1775

Delta R.T. -0.006 min

Lab File: BF126434.D

Acq: 30 Dec 2021 23:07

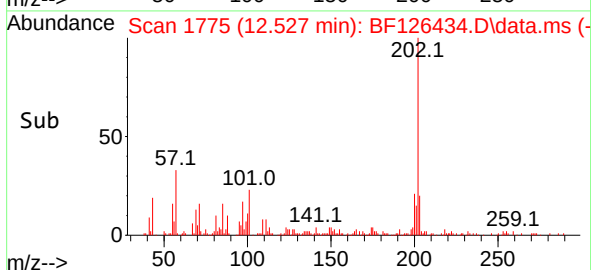
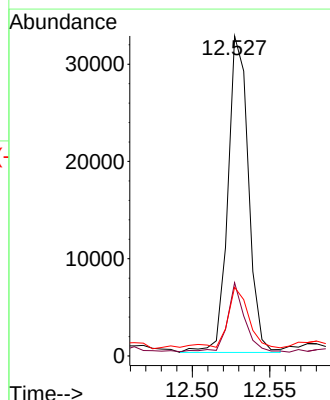
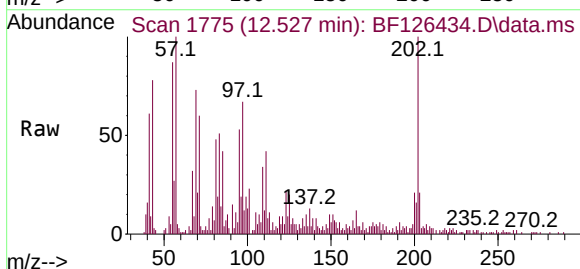
Tgt Ion:202 Resp: 29986

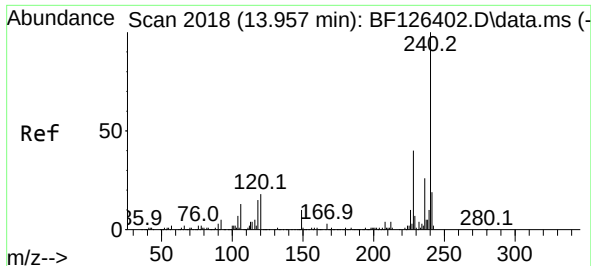
Ion Ratio Lower Upper

202 100

101 22.9 0.0 35.7

203 21.5 0.0 37.1

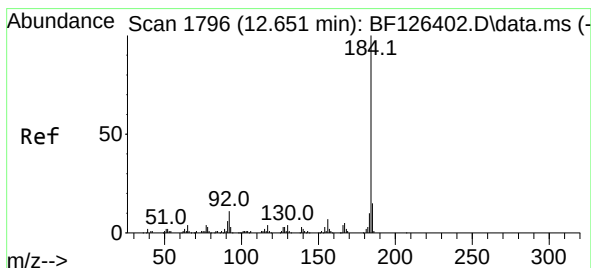
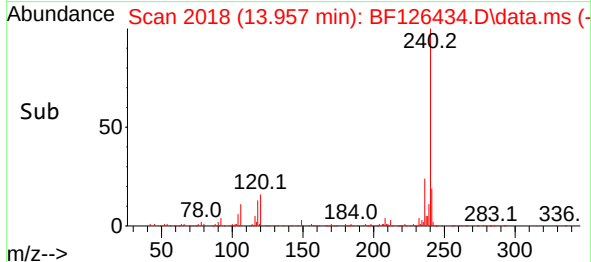
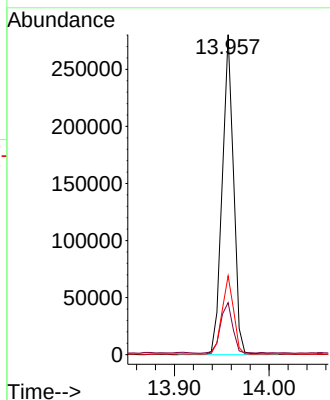
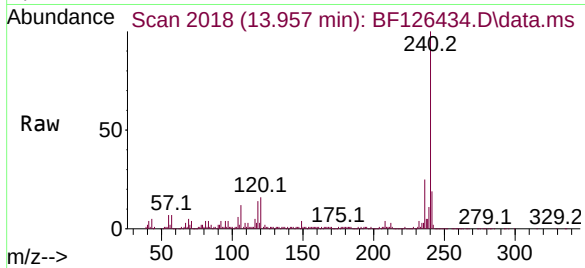




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07

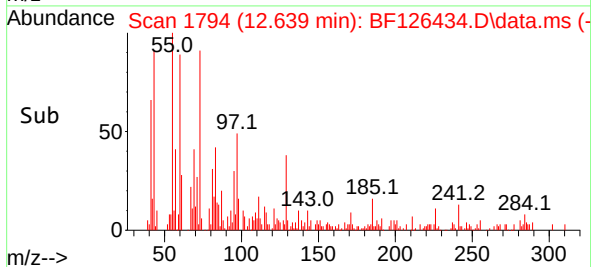
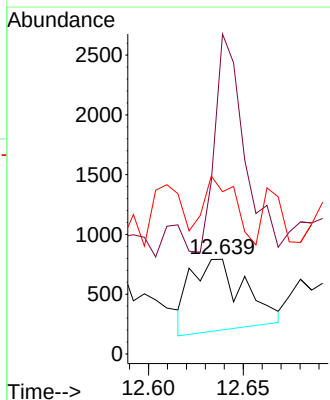
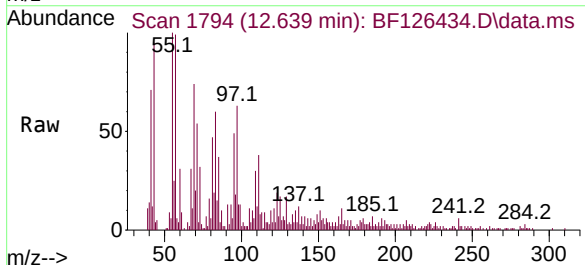
Instrument :
BNA_F
ClientSampleId :
CONC-14B

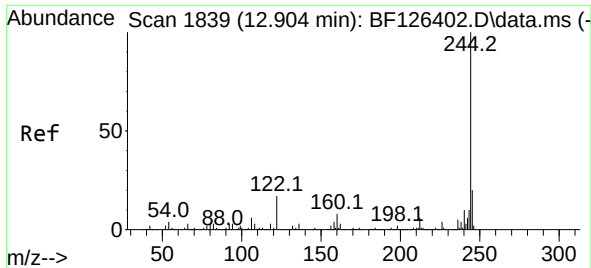
Tgt Ion:240 Resp: 235431
Ion Ratio Lower Upper
240 100
120 16.3 14.4 21.6
236 24.7 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.639 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07

Tgt Ion:184 Resp: 1178
Ion Ratio Lower Upper
184 100
185 338.0 11.8 17.8#
183 171.5 8.2 12.2#

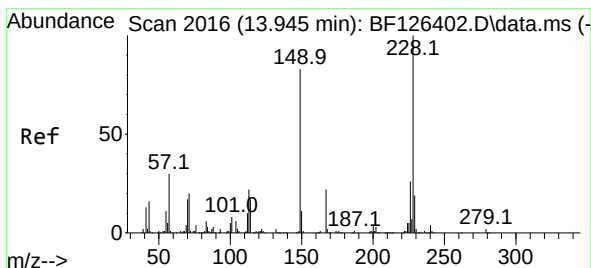
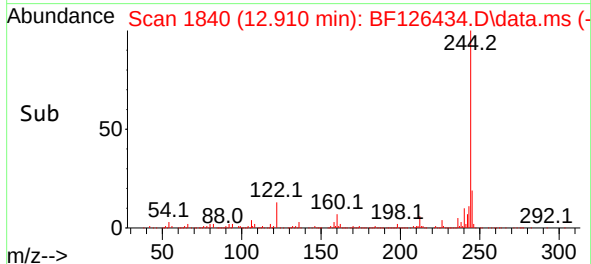
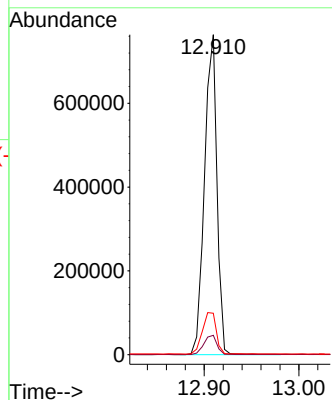
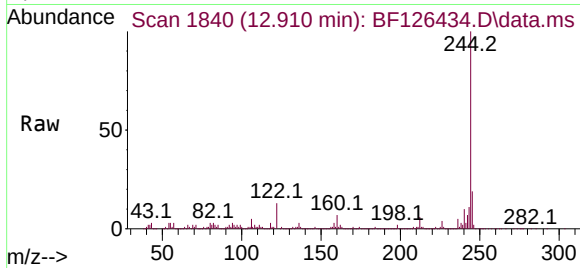




#79
 Terphenyl-d14
 Concen: 57.305 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF126434.D
 Acq: 30 Dec 2021 23:07

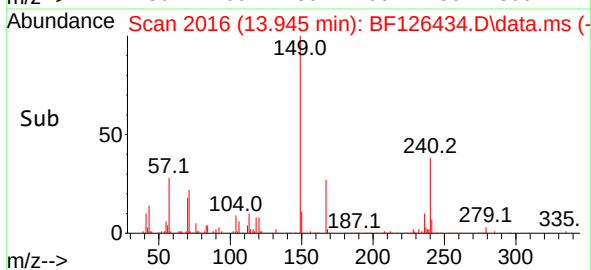
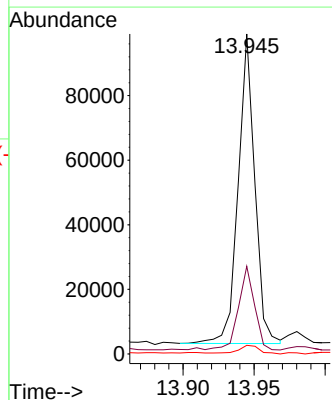
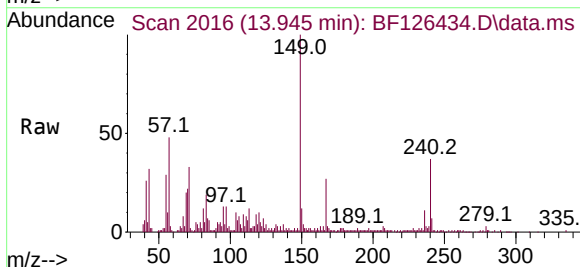
Instrument :
 BNA_F
 ClientSampleId :
 CONC-14B

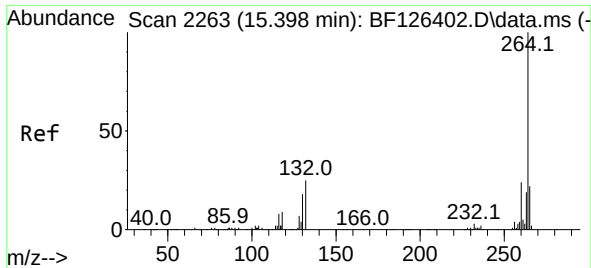
Tgt Ion:244 Resp: 694378
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 12.9 13.3 19.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.540 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: BF126434.D
 Acq: 30 Dec 2021 23:07

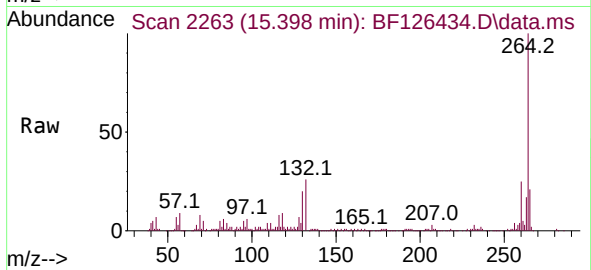
Tgt Ion:149 Resp: 78028
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.4 32.2
 279 2.7 2.4 3.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126434.D
Acq: 30 Dec 2021 23:07

Instrument :
BNA_F
ClientSampleId :
CONC-14B



Tgt Ion:	264	Resp:	182232
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.4	17.4	26.2

