

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126435.D
 Acq On : 30 Dec 2021 23:39
 Operator : JU/CG
 Sample : M5244-39
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-13D

Quant Time: Dec 31 00:39:12 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)

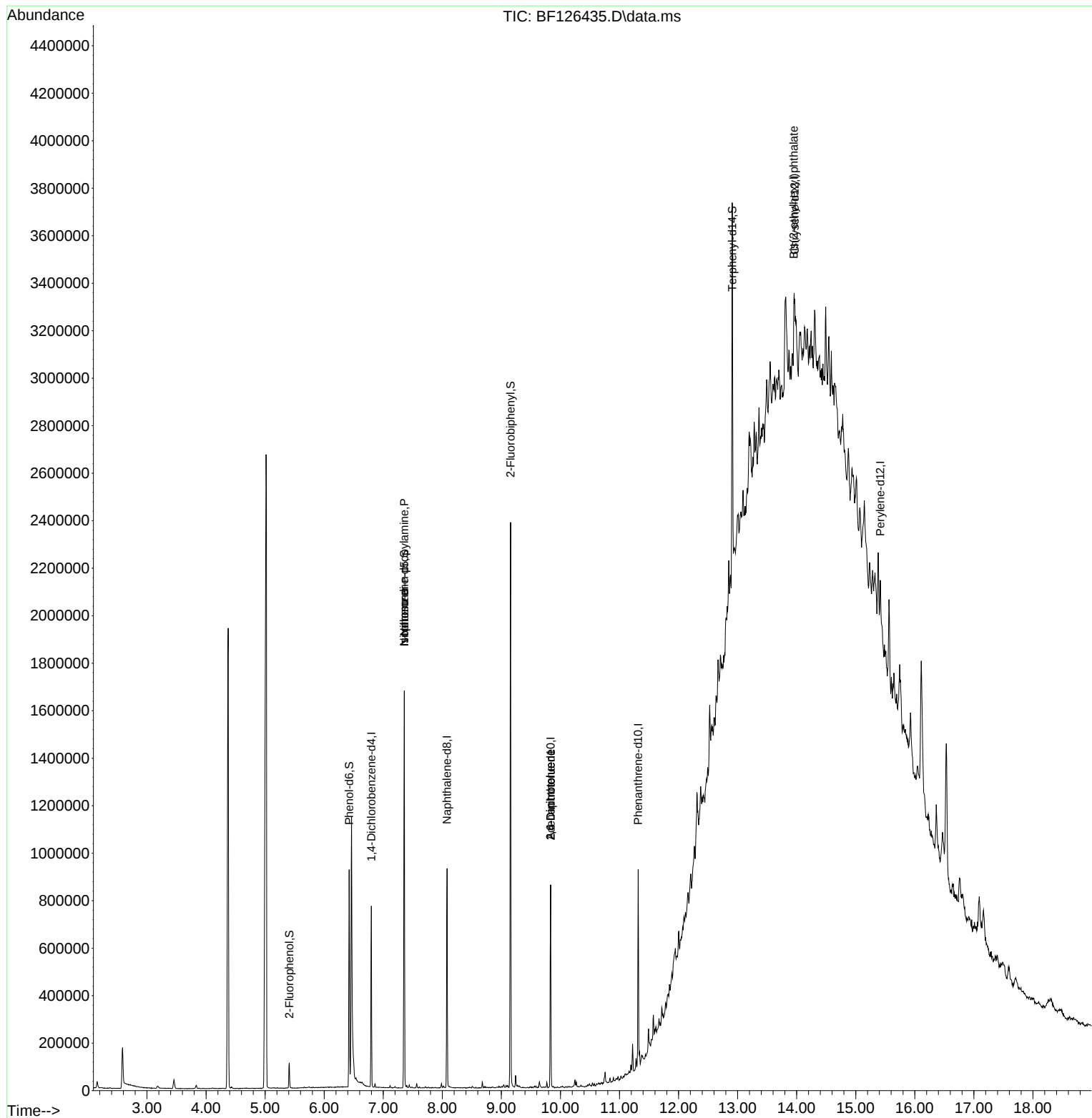
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	100472	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	385197	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	155238	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	260594	20.000	ng	0.00
76) Chrysene-d12	13.968	240	163923	20.000	ng	0.01
86) Perylene-d12	15.415	264	135465	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	30523	4.363	ng	0.00
7) Phenol-d6	6.422	99	299245	33.023	ng	0.00
23) Nitrobenzene-d5	7.357	82	517115	68.931	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	822	0.685	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	683816	77.515	ng	0.00
79) Terphenyl-d14	12.910	244	605130	71.724	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	65073	12.584	ng	# 79
25) Isophorone	7.357	82	514624	38.320	ng	# 69
51) 2,6-Dinitrotoluene	9.833	165	20564	9.825	ng	# 20
57) 2,4-Dinitrotoluene	9.833	165	20564	7.616	ng	# 14
77) Benzidine	12.680	184	733	Below Cal		# 1
84) Bis(2-ethylhexyl)phtha...	13.951	149	125625	19.747	ng	99

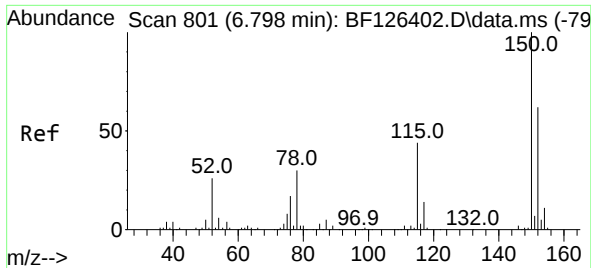
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
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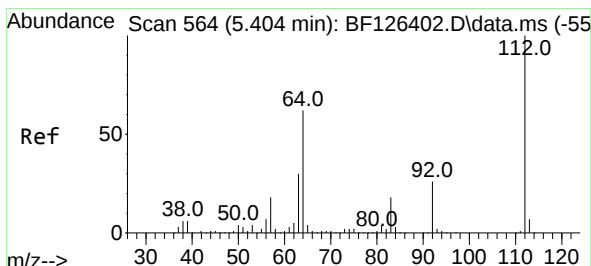
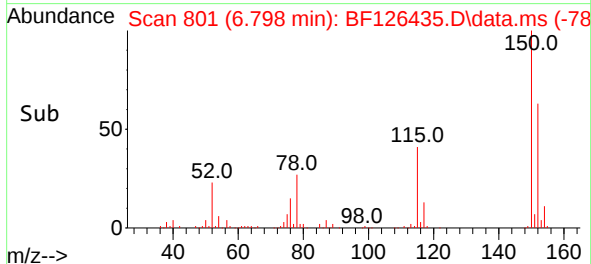
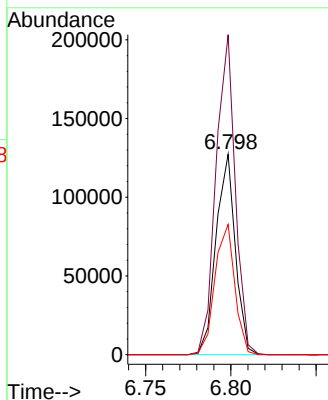
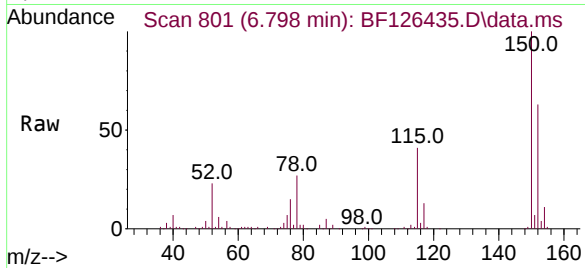




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

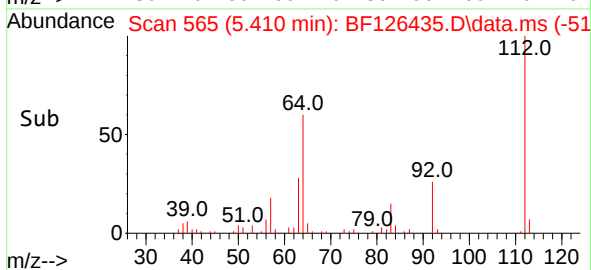
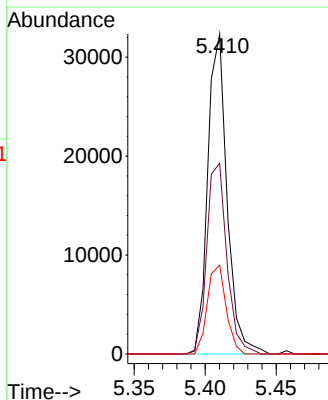
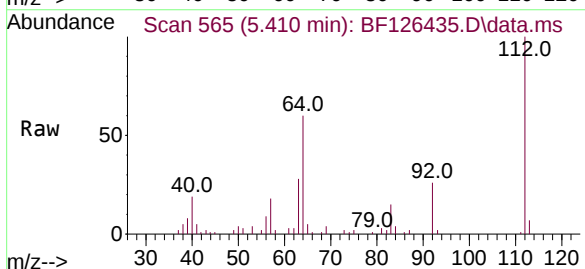
Instrument :
BNA_F
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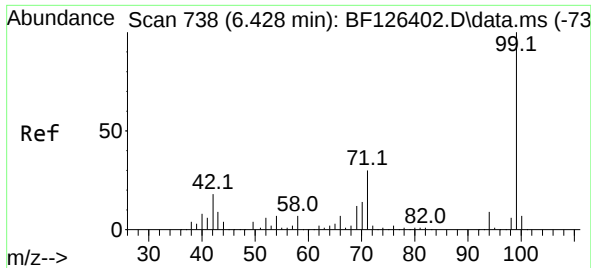
Tgt Ion:152 Resp: 100472
Ion Ratio Lower Upper
152 100
150 159.6 128.1 192.1
115 65.0 56.7 85.1



#5
2-Fluorophenol
Concen: 4.363 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

Tgt Ion:112 Resp: 30523
Ion Ratio Lower Upper
112 100
64 59.6 49.5 74.3
63 27.7 23.9 35.9

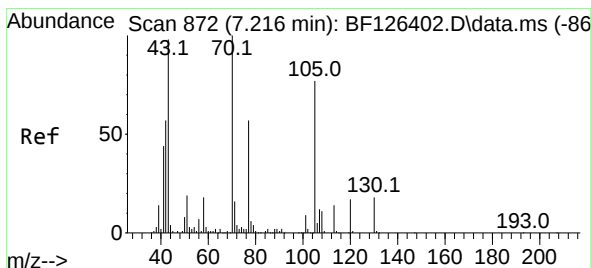
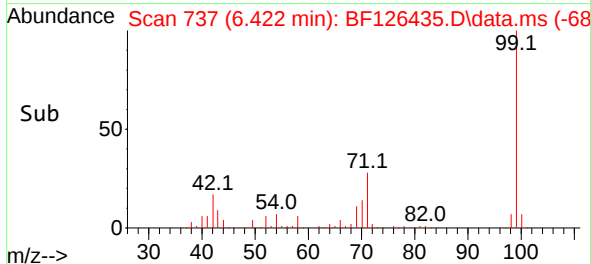
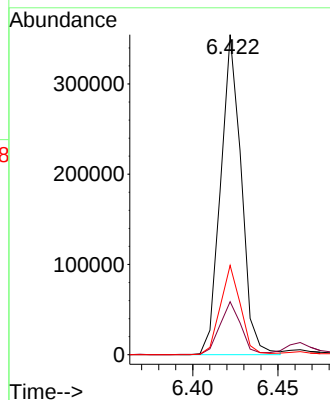
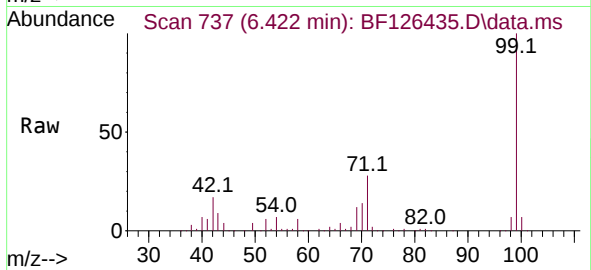




#7
Phenol-d6
Concen: 33.023 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

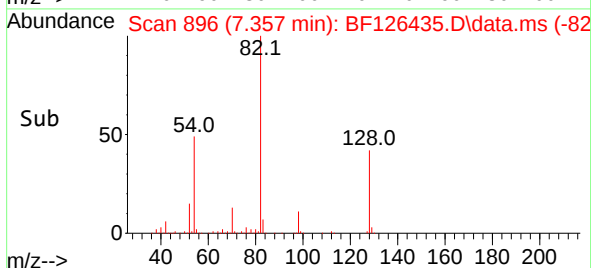
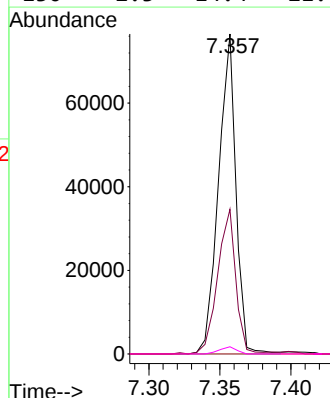
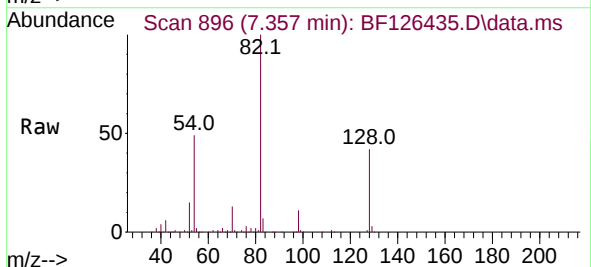
Instrument :
BNA_F
ClientSampleId :
CONC-13D

Tgt Ion: 99 Resp: 299245
Ion Ratio Lower Upper
99 100
42 16.6 14.2 21.4
71 27.9 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.584 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

Tgt Ion: 70 Resp: 65073
Ion Ratio Lower Upper
70 100
42 45.2 45.8 68.8#
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#



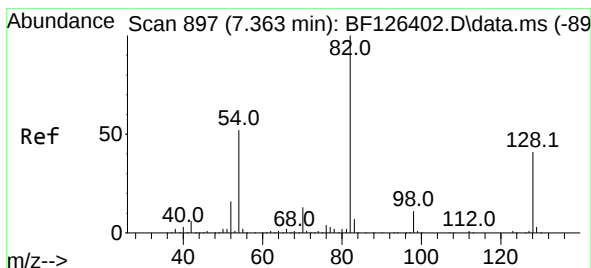
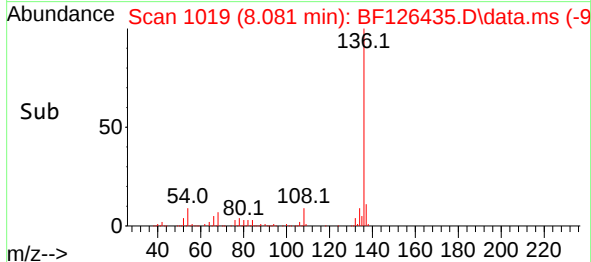
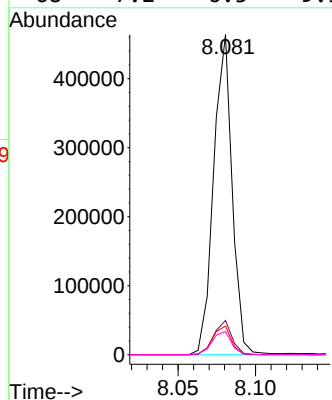
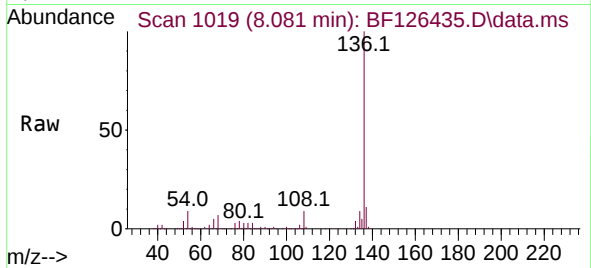


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

Instrument :
BNA_F
ClientSampleId :
CONC-13D

Tgt Ion:136 Resp: 385197

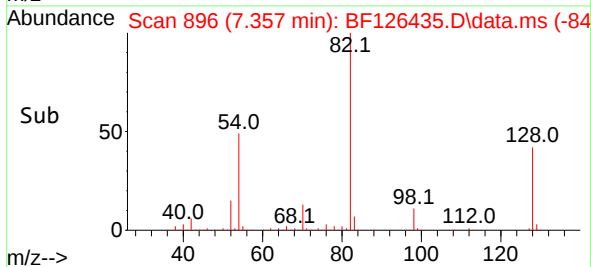
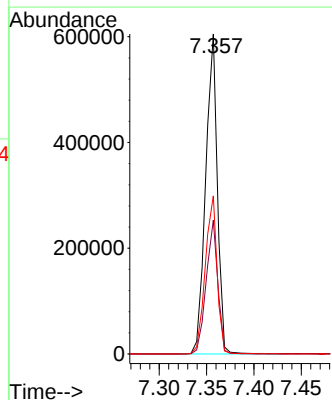
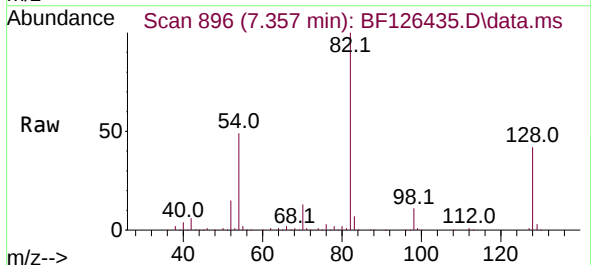
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.0	7.8	11.6
68	7.2	6.3	9.5



#23
Nitrobenzene-d5
Concen: 68.931 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

Tgt Ion: 82 Resp: 517115

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.7	49.1
54	49.4	41.7	62.5

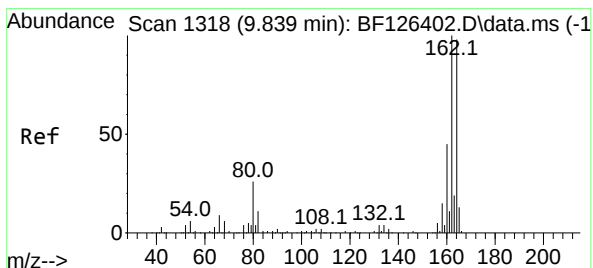
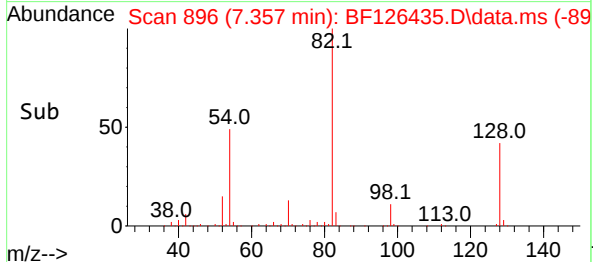
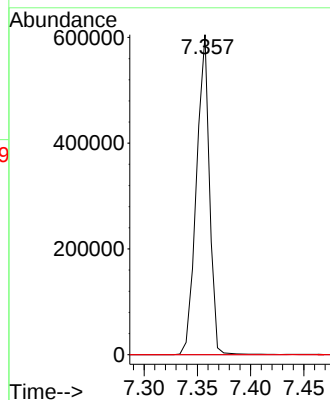
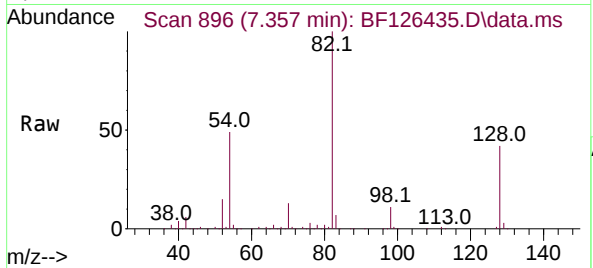




#25
Isophorone
Concen: 38.320 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

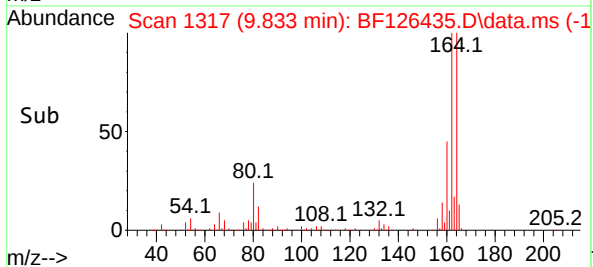
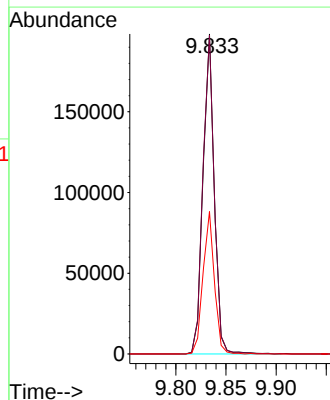
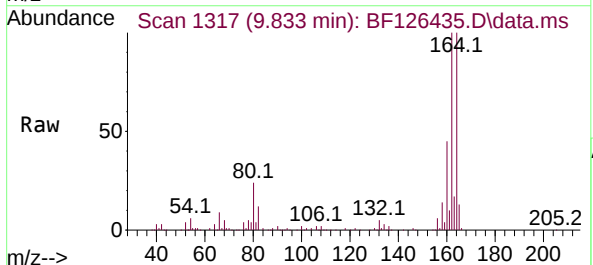
Instrument :
BNA_F
ClientSampleId :
CONC-13D

Tgt Ion: 82 Resp: 514624
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: BF126435.D
Acq: 30 Dec 2021 23:39

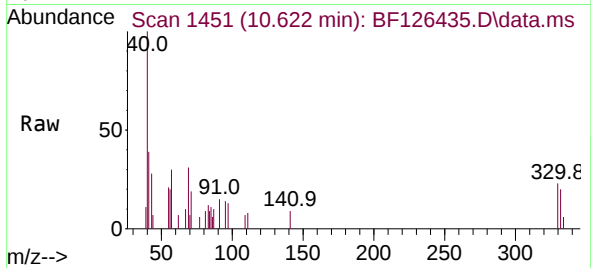
Tgt Ion:164 Resp: 155238
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 44.5 36.6 54.8



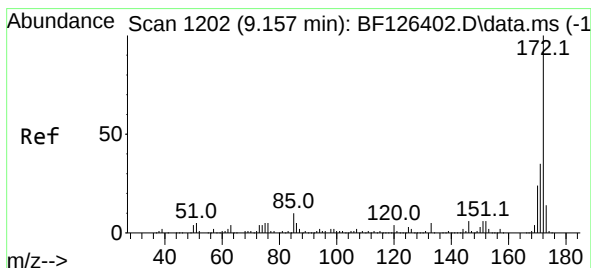
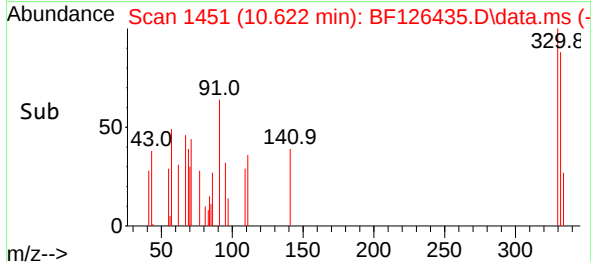
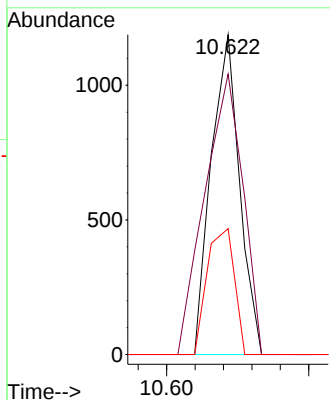


#42
2,4,6-Tribromophenol
Concen: 0.685 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

Instrument :
BNA_F
ClientSampleId :
CONC-13D

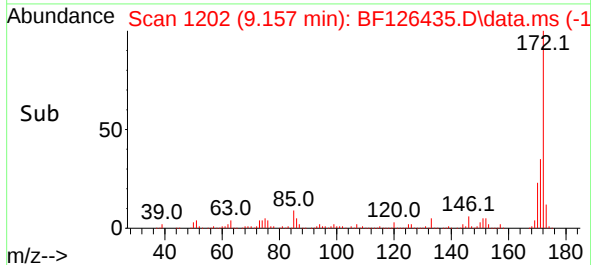
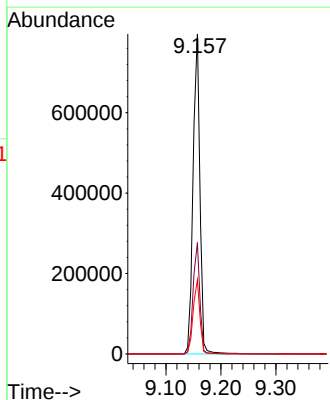
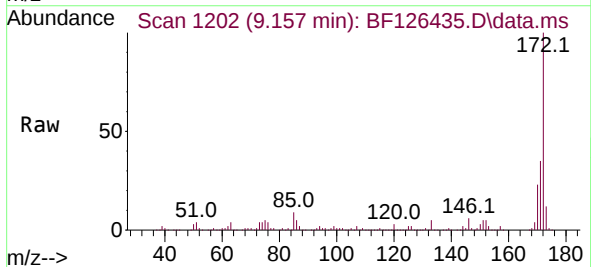


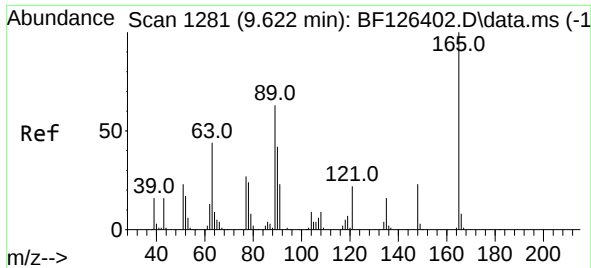
Tgt Ion:330 Resp: 822
Ion Ratio Lower Upper
330 100
332 117.9 76.0 114.0#
141 37.8 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 77.515 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

Tgt Ion:172 Resp: 683816
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 19.0 28.6

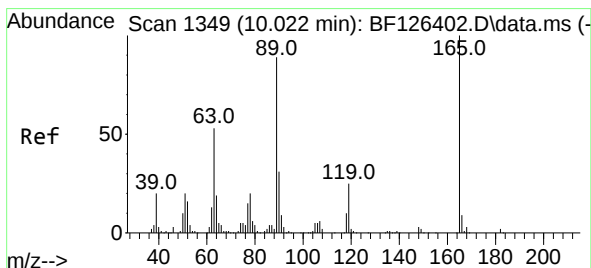
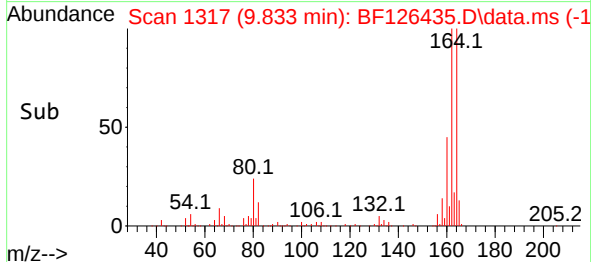
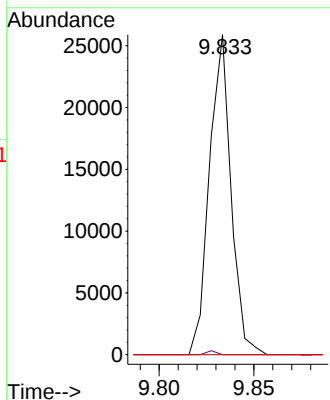
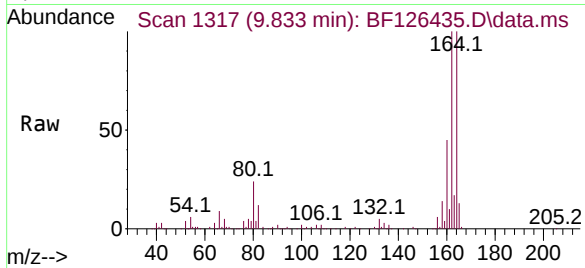




#51
2,6-Dinitrotoluene
Concen: 9.825 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.212 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

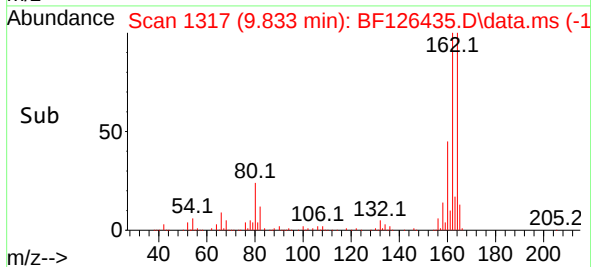
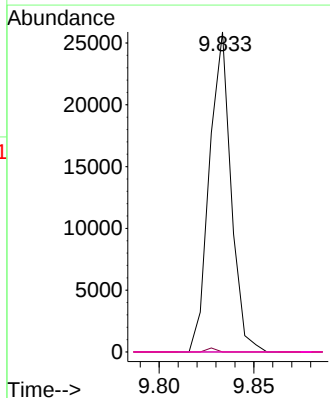
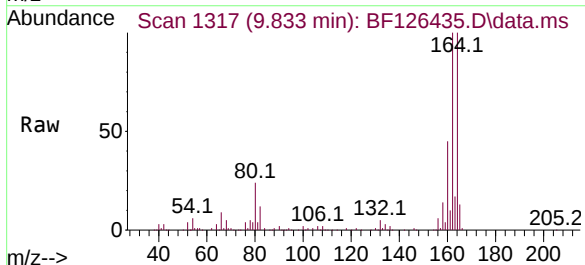
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:165 Resp: 20564
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.616 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

Tgt Ion:165 Resp: 20564
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#

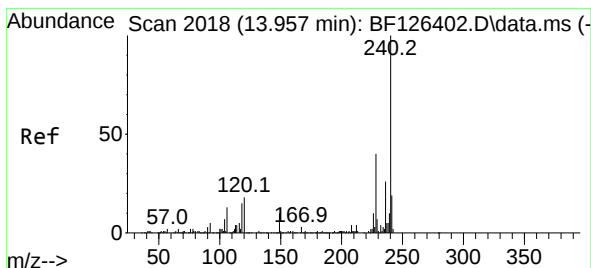
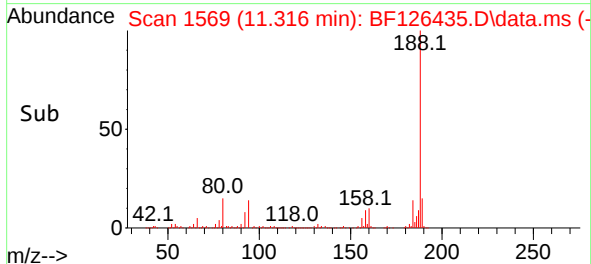
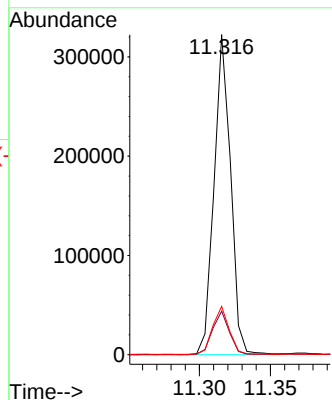
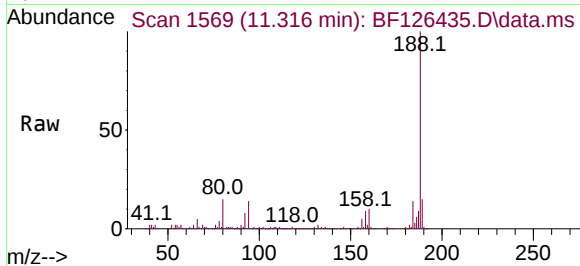




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

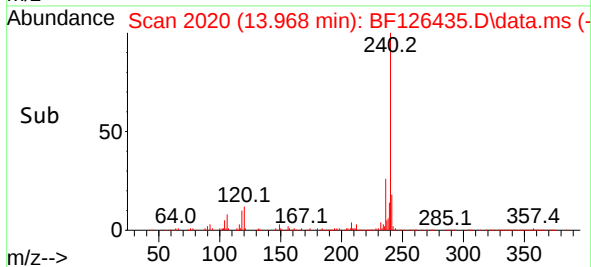
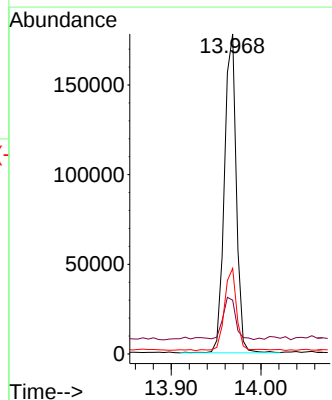
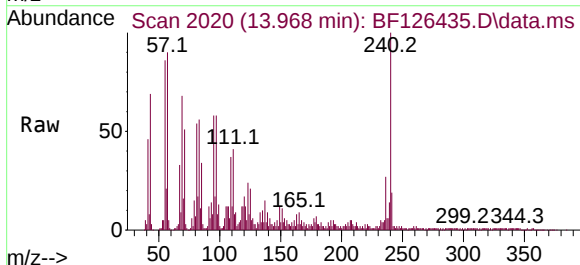
Instrument :
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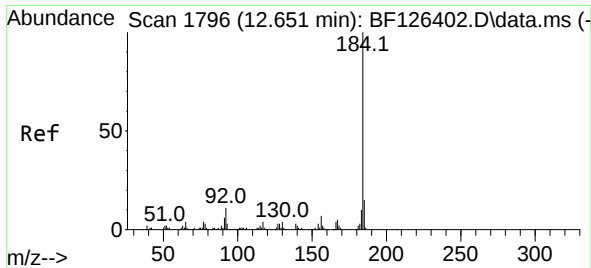
Tgt Ion:188 Resp: 260594
Ion Ratio Lower Upper
188 100
94 13.6 10.1 15.1
80 15.1 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.012 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

Tgt Ion:240 Resp: 163923
Ion Ratio Lower Upper
240 100
120 16.8 14.4 21.6
236 26.8 20.5 30.7

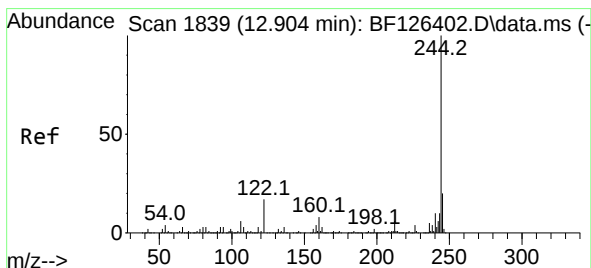
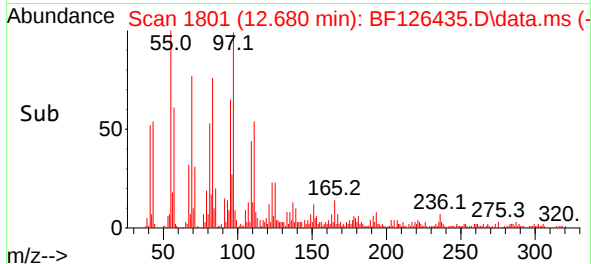
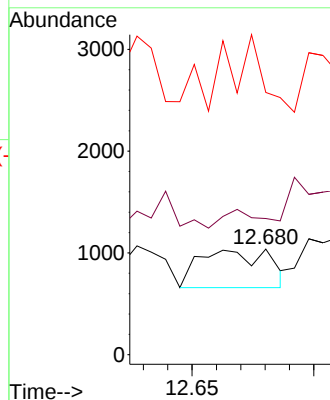
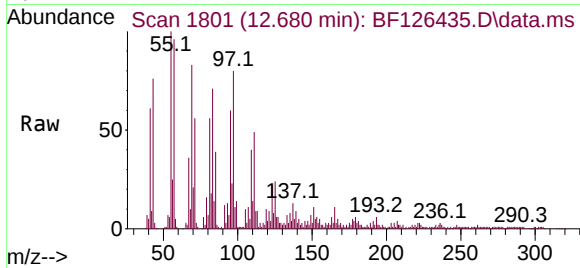




#77
Benzidine
Concen: Below Cal
RT: 12.680 min Scan# 1801
Delta R.T. 0.029 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

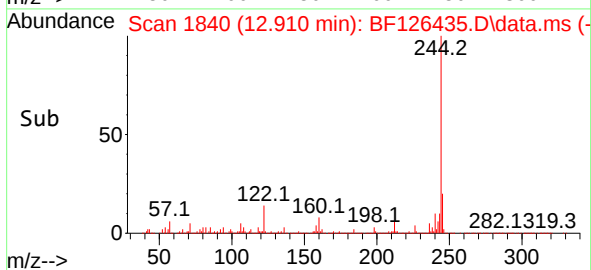
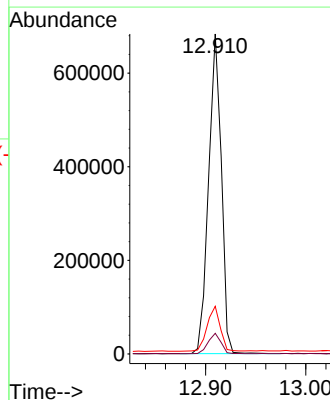
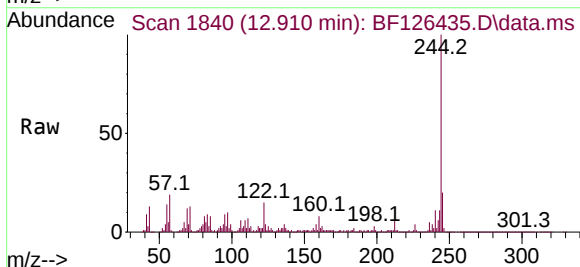
Instrument :
BNA_F
ClientSampleId :
CONC-13D

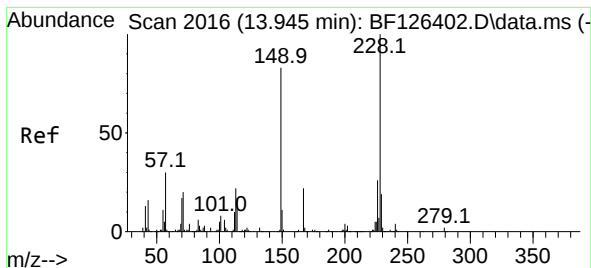
Tgt Ion:184 Resp: 733
Ion Ratio Lower Upper
184 100
185 128.9 11.8 17.8#
183 248.2 8.2 12.2#



#79
Terphenyl-d14
Concen: 71.724 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF126435.D
Acq: 30 Dec 2021 23:39

Tgt Ion:244 Resp: 605130
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 14.9 13.3 19.9

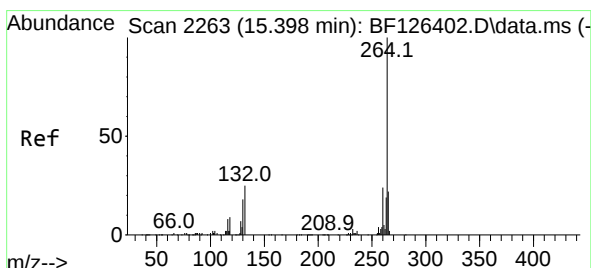
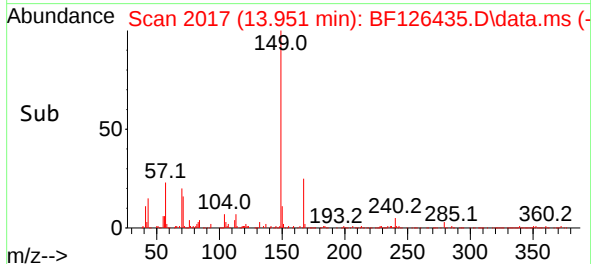
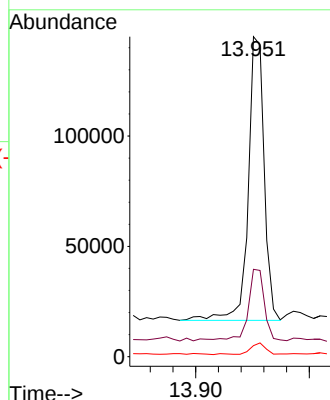
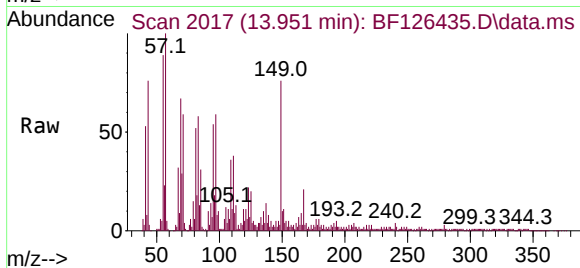




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 19.747 ng
 RT: 13.951 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: BF126435.D
 Acq: 30 Dec 2021 23:39

Instrument :
 BNA_F
 ClientSampleId :
 CONC-13D

Tgt Ion:149 Resp: 125625
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.4 32.2
 279 3.5 2.4 3.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.018 min
 Lab File: BF126435.D
 Acq: 30 Dec 2021 23:39

Tgt Ion:264 Resp: 135465
 Ion Ratio Lower Upper
 264 100
 260 26.2 19.2 28.8
 265 21.8 17.4 26.2

