

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126431.D
 Acq On : 30 Dec 2021 21:32
 Operator : JU/CG
 Sample : M5244-44
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:38:34 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)

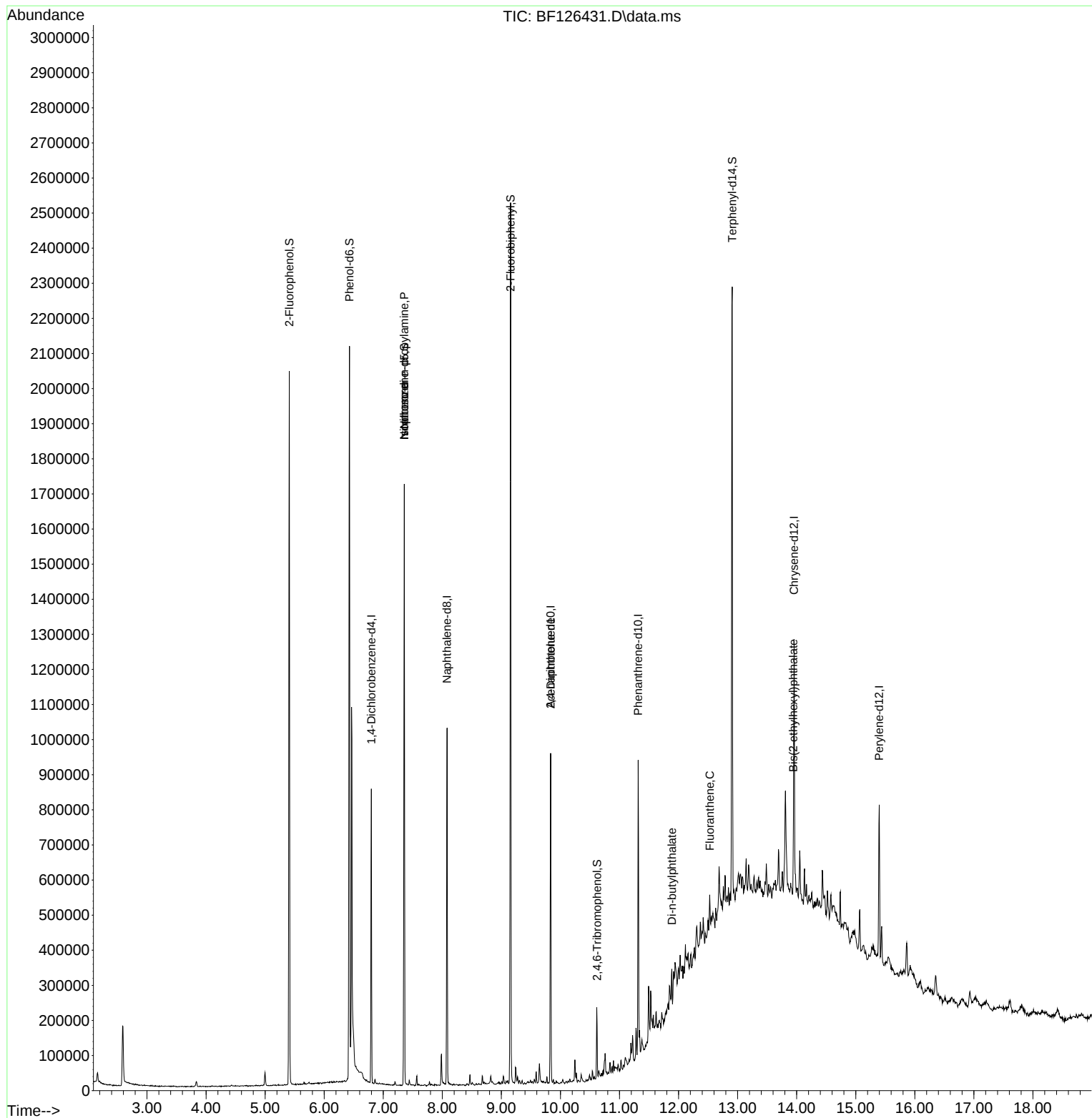
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	108362	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	422942	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	168817	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	278623	20.000	ng	0.00
76) Chrysene-d12	13.957	240	230152	20.000	ng	0.00
86) Perylene-d12	15.398	264	179049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	552723	73.249	ng	0.00
7) Phenol-d6	6.428	99	775482	79.346	ng	0.00
23) Nitrobenzene-d5	7.357	82	521128	63.266	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	19759	15.147	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	706703	73.666	ng	0.00
79) Terphenyl-d14	12.910	244	653655	55.181	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	65510	11.746	ng	# 79
25) Isophorone	7.357	82	518327	35.151	ng	# 69
57) 2,4-Dinitrotoluene	9.833	165	21524	7.330	ng	# 14
74) Di-n-butylphthalate	11.886	149	45320	2.852	ng	99
75) Fluoranthene	12.527	202	30748	2.365	ng	95
77) Benzidine	12.621	184	863	Below Cal	#	1
84) Bis(2-ethylhexyl)phtha...	13.945	149	33222	3.719	ng	98

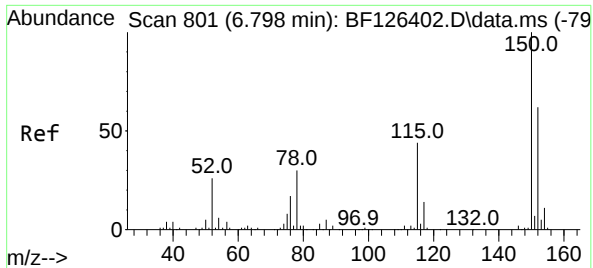
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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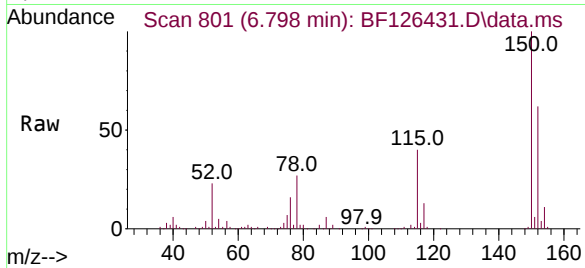
Quant Time: Dec 31 00:38:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration



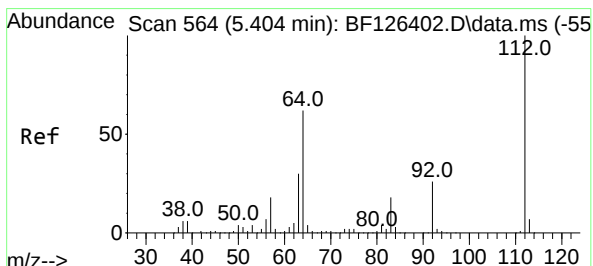
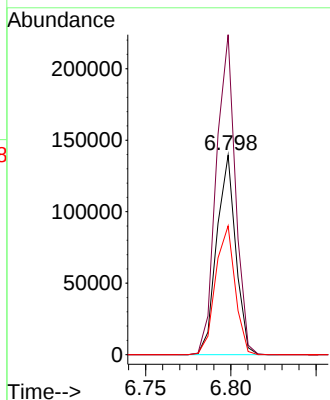
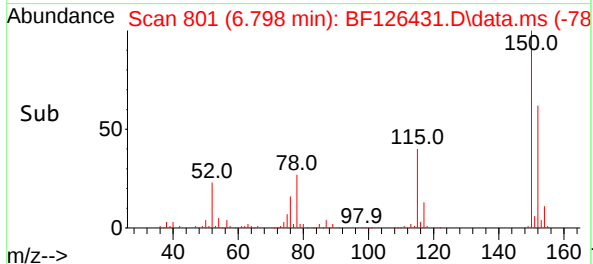


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

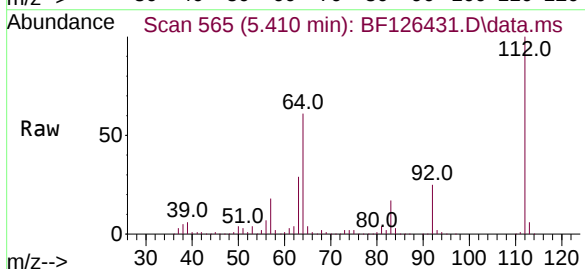
Instrument :
BNA_F
ClientSampleId :



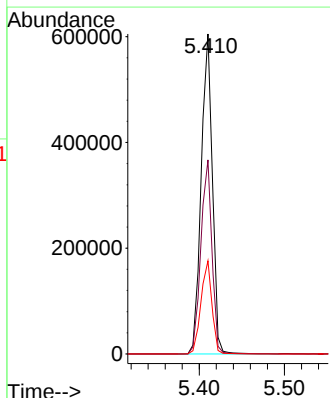
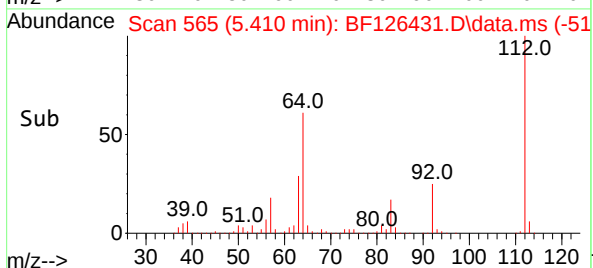
Tgt Ion:152 Resp: 108362
Ion Ratio Lower Upper
152 100
150 160.4 128.1 192.1
115 64.6 56.7 85.1

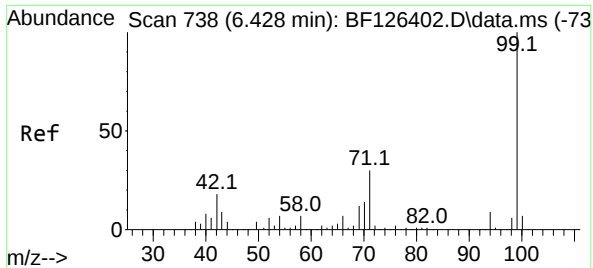


#5
2-Fluorophenol
Concen: 73.249 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32



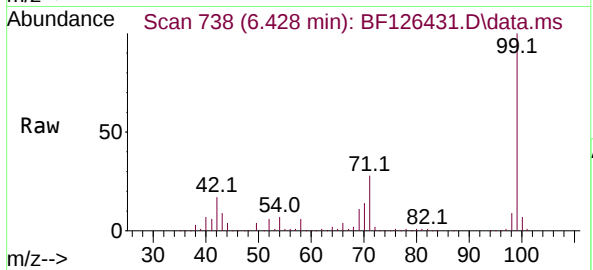
Tgt Ion:112 Resp: 552723
Ion Ratio Lower Upper
112 100
64 60.6 49.5 74.3
63 29.1 23.9 35.9



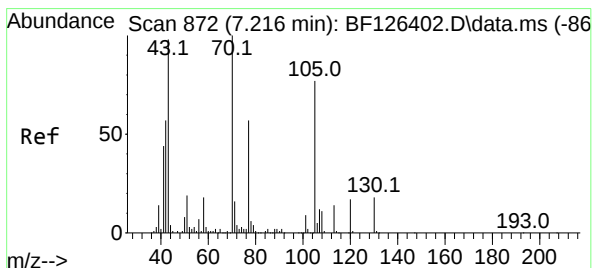
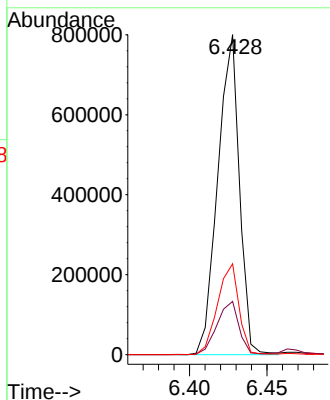
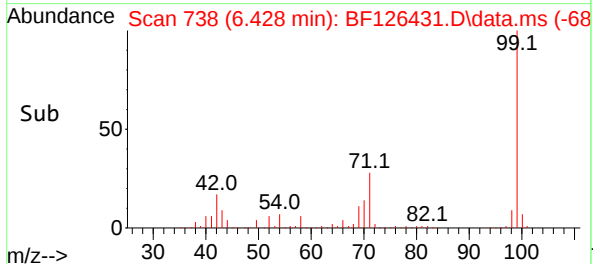


#7
Phenol-d6
Concen: 79.346 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

Instrument :
BNA_F
ClientSampleId :

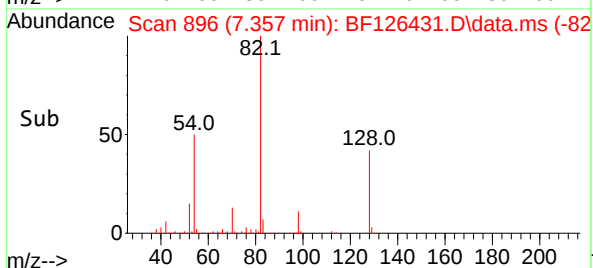
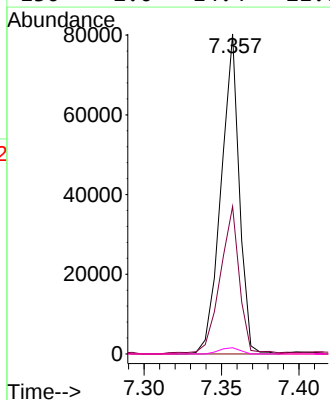
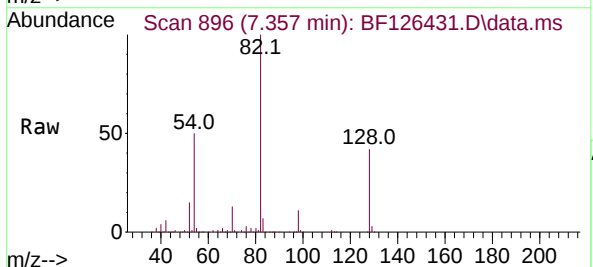


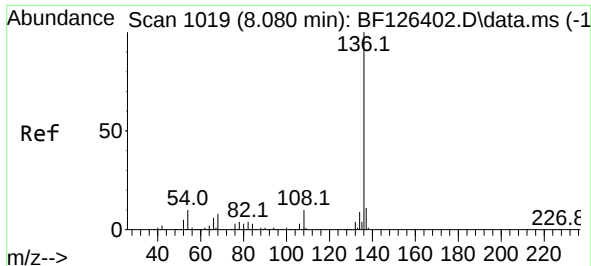
Tgt Ion: 99 Resp: 775482
Ion Ratio Lower Upper
99 100
42 16.7 14.2 21.4
71 28.4 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.746 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

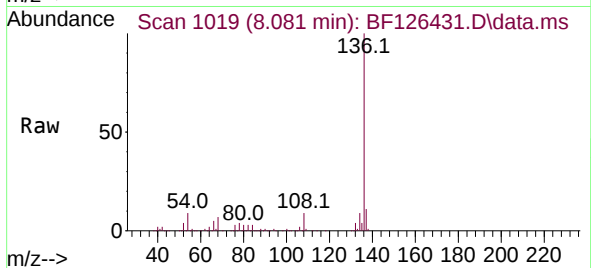
Tgt Ion: 70 Resp: 65510
Ion Ratio Lower Upper
70 100
42 46.1 45.8 68.8
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#



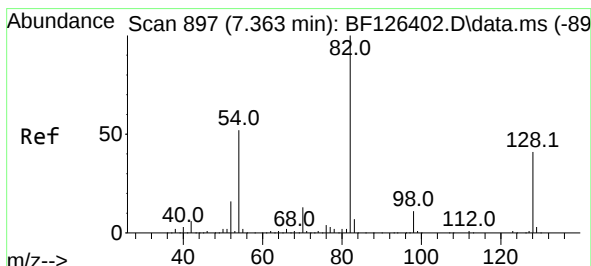
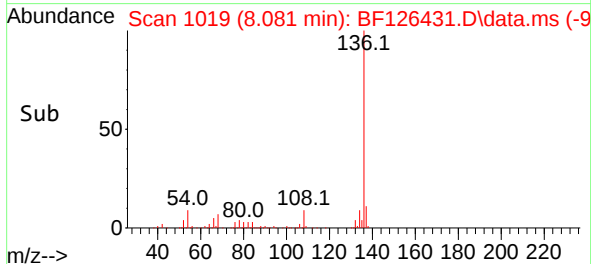
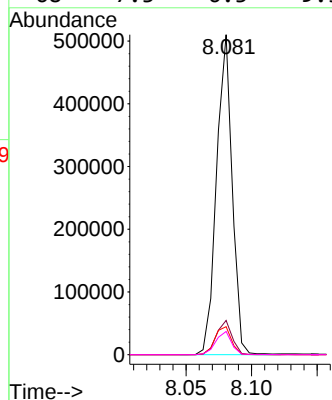


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

Instrument :
BNA_F
ClientSampleId :

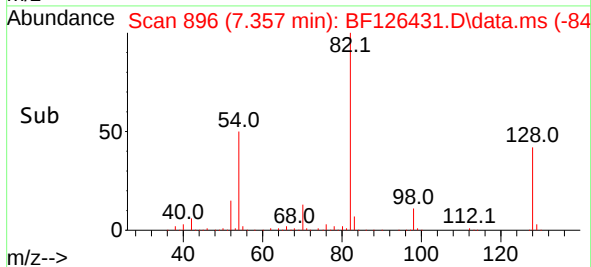
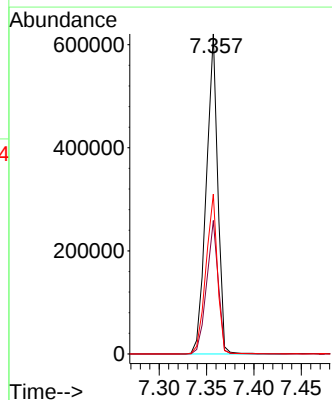
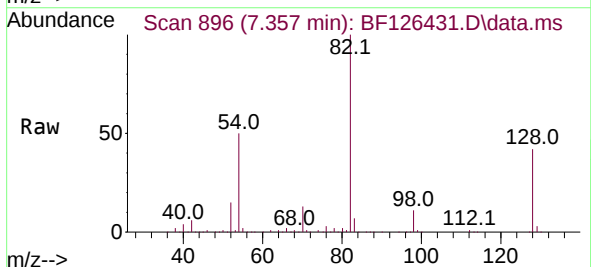


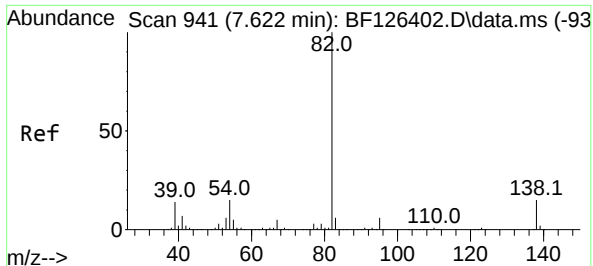
Tgt Ion:	136	Resp:	422942
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.7	7.8	11.6
68	7.3	6.3	9.5



#23
Nitrobenzene-d5
Concen: 63.266 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

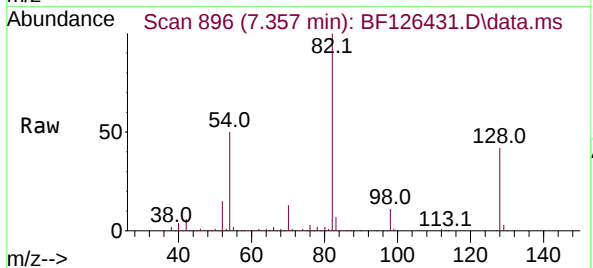
Tgt Ion:	82	Resp:	521128
Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.7	49.1
54	49.9	41.7	62.5



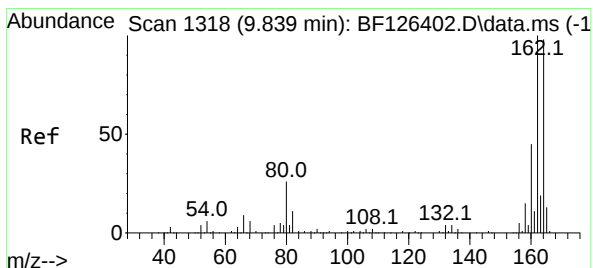
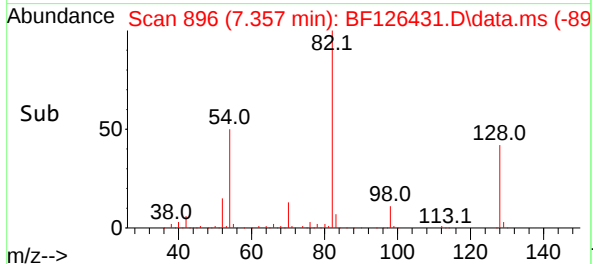
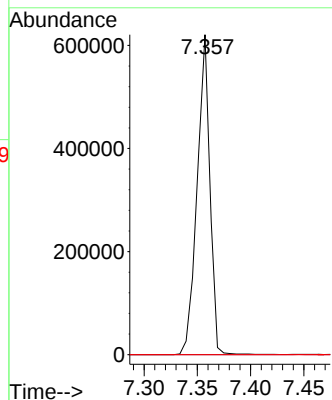


#25
Isophorone
Concen: 35.151 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

Instrument :
BNA_F
ClientSampleId :

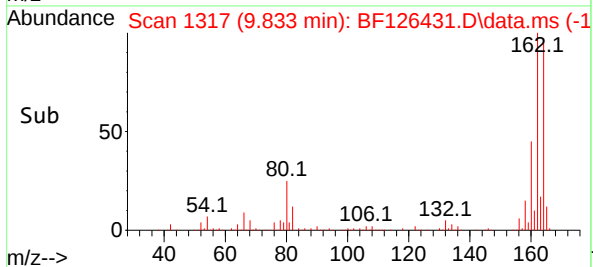
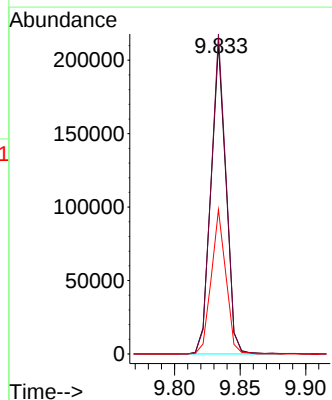
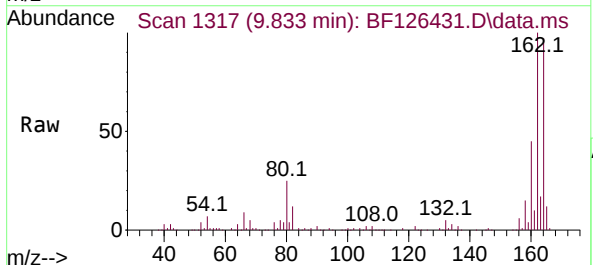


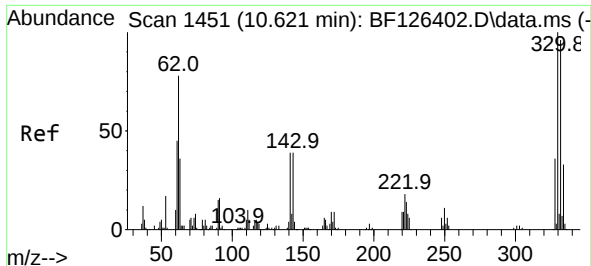
Tgt Ion: 82 Resp: 518327
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

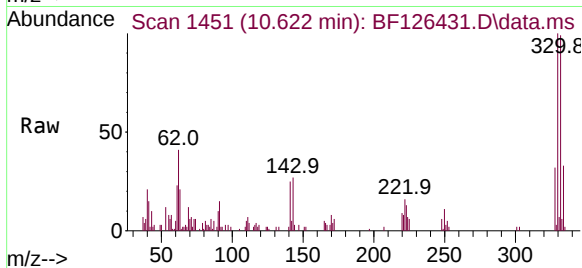
Tgt Ion:164 Resp: 168817
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.0
160 46.5 36.6 54.8



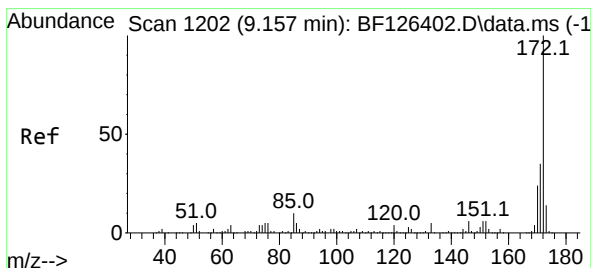
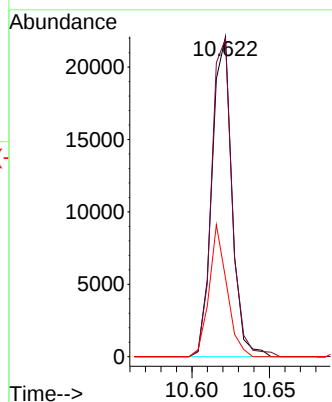
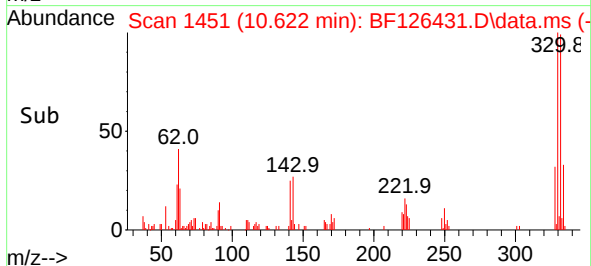


#42
2,4,6-Tribromophenol
Concen: 15.147 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

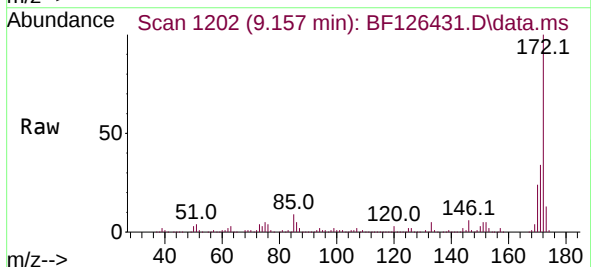
Instrument :
BNA_F
ClientSampleId :



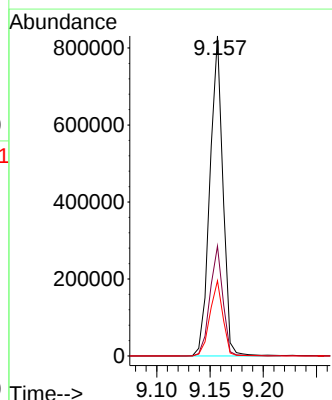
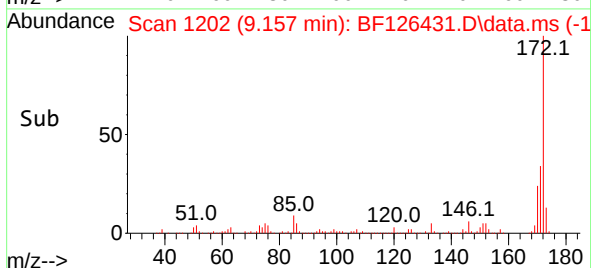
Tgt Ion: 330 Resp: 19759
Ion Ratio Lower Upper
330 100
332 101.9 76.0 114.0
141 36.7 30.1 45.1

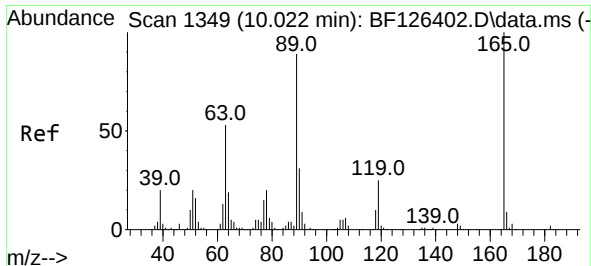


#45
2-Fluorobiphenyl
Concen: 73.666 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32



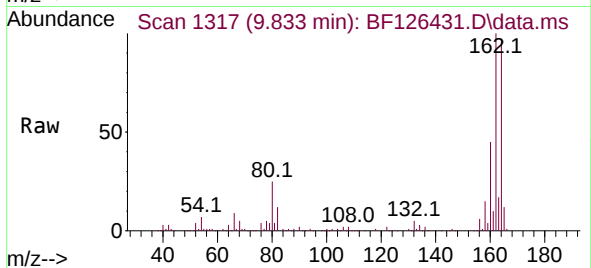
Tgt Ion: 172 Resp: 706703
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.5 19.0 28.6



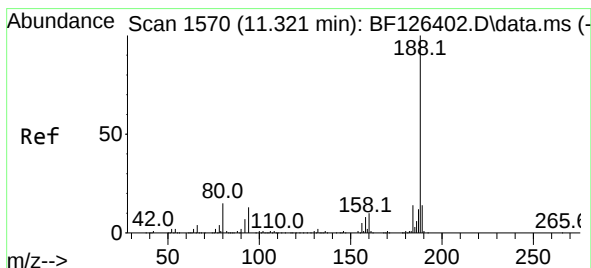
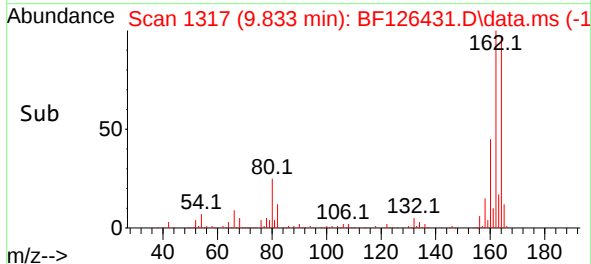
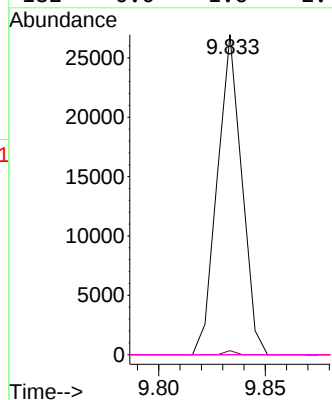


#57
2,4-Dinitrotoluene
Concen: 7.330 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

Instrument :
BNA_F
ClientSampleId :

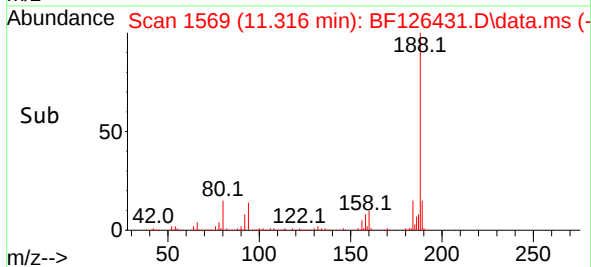
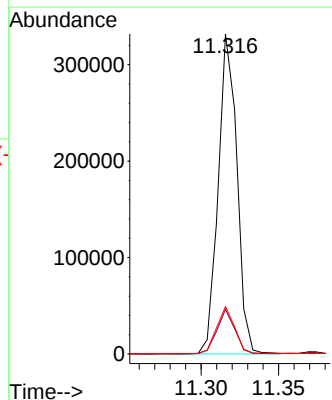
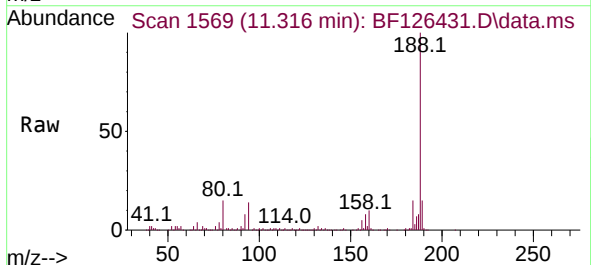


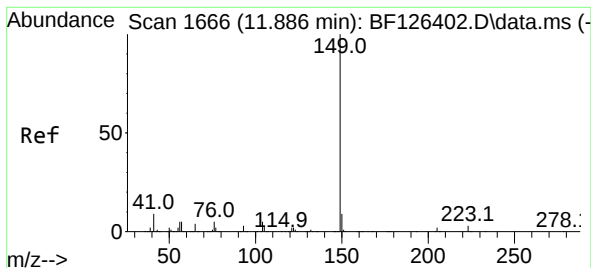
Tgt Ion:165 Resp: 21524
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

Tgt Ion:188 Resp: 278623
Ion Ratio Lower Upper
188 100
94 13.9 10.1 15.1
80 14.8 11.8 17.6





#74

Di-n-butylphthalate

Concen: 2.852 ng

RT: 11.886 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126431.D

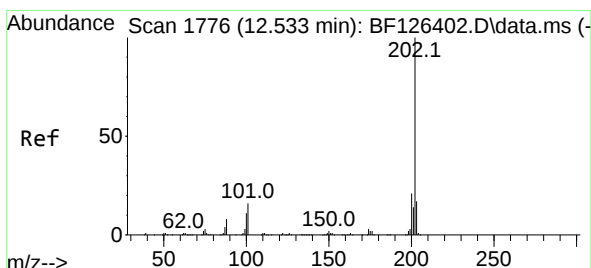
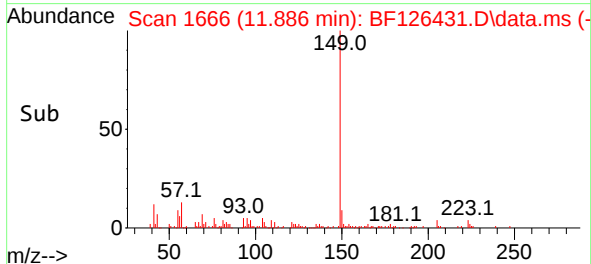
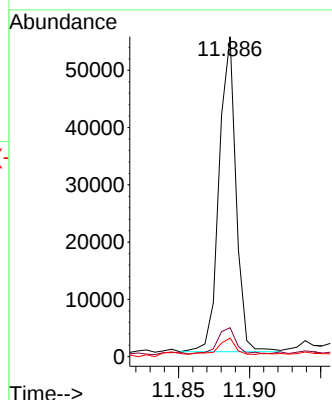
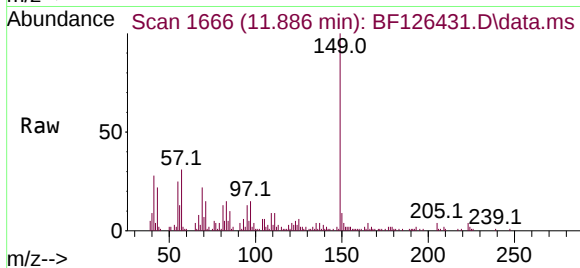
Acq: 30 Dec 2021 21:32

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	45320
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.8	4.2	6.2



#75

Fluoranthene

Concen: 2.365 ng

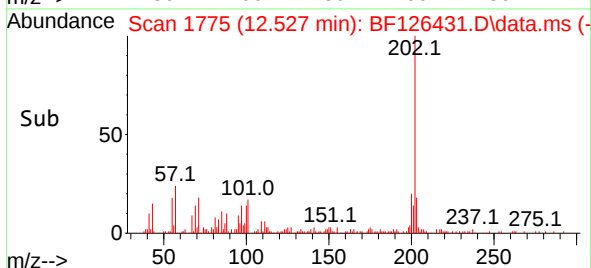
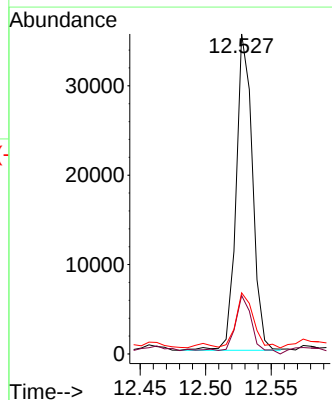
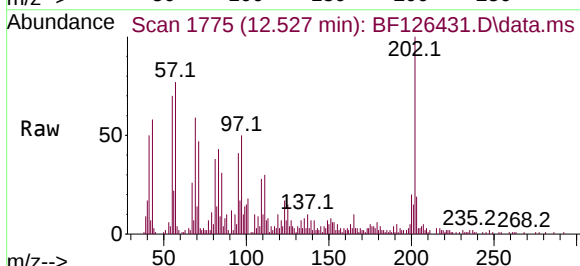
RT: 12.527 min Scan# 1775

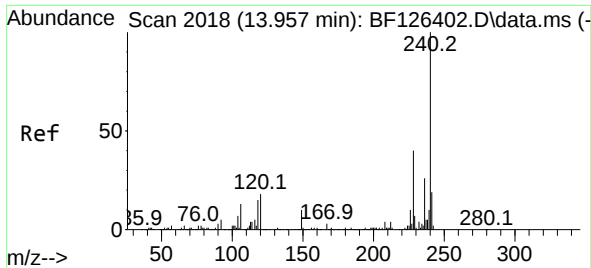
Delta R.T. -0.006 min

Lab File: BF126431.D

Acq: 30 Dec 2021 21:32

Tgt Ion:	202	Resp:	30748
Ion	Ratio	Lower	Upper
202	100		
101	18.3	0.0	35.7
203	19.1	0.0	37.1

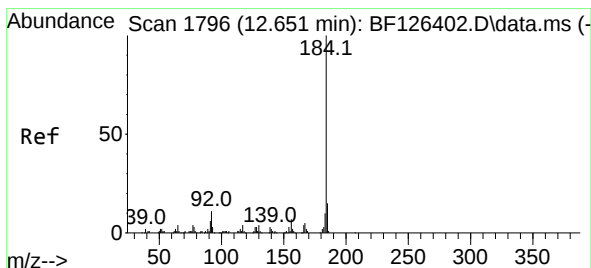
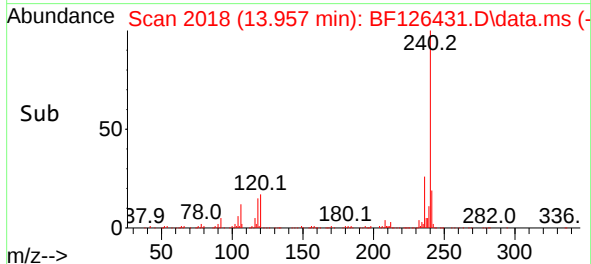
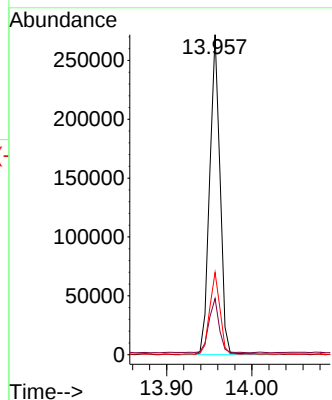
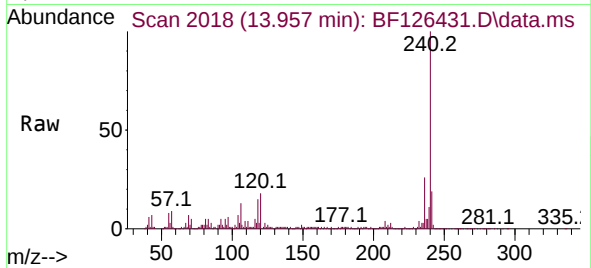




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

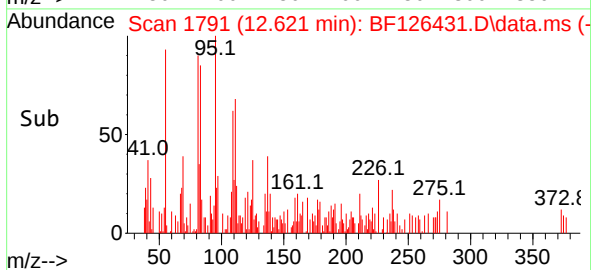
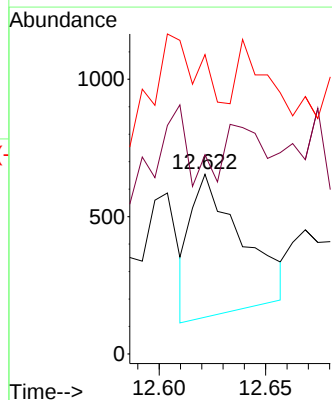
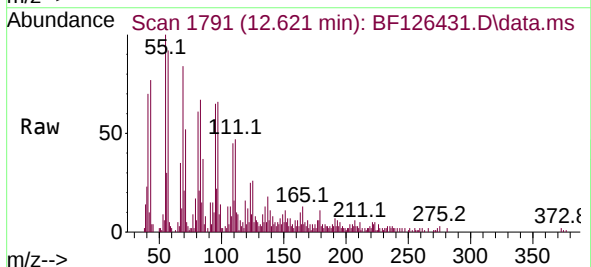
Instrument :
BNA_F
ClientSampleId :

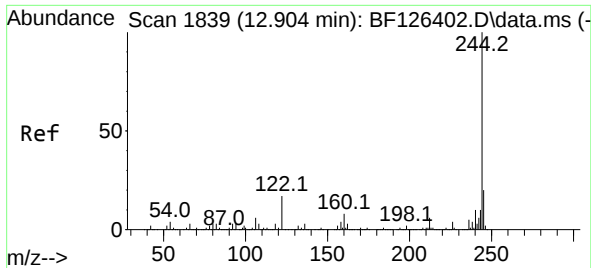
Tgt Ion:240 Resp: 230152
Ion Ratio Lower Upper
240 100
120 17.6 14.4 21.6
236 25.7 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.621 min Scan# 1791
Delta R.T. -0.030 min
Lab File: BF126431.D
Acq: 30 Dec 2021 21:32

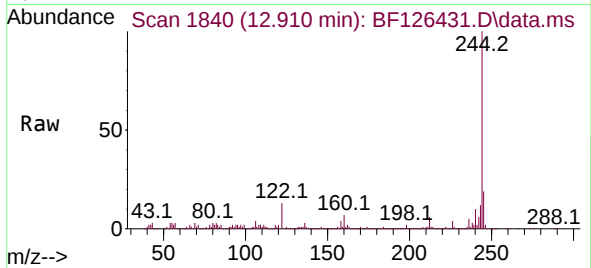
Tgt Ion:184 Resp: 863
Ion Ratio Lower Upper
184 100
185 110.9 11.8 17.8#
183 166.7 8.2 12.2#



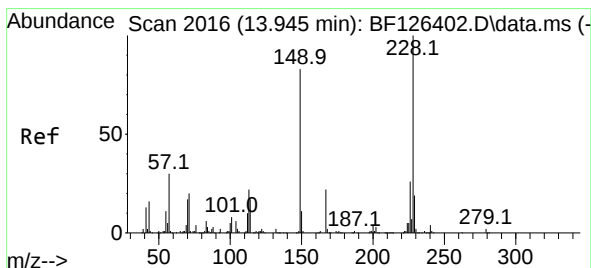
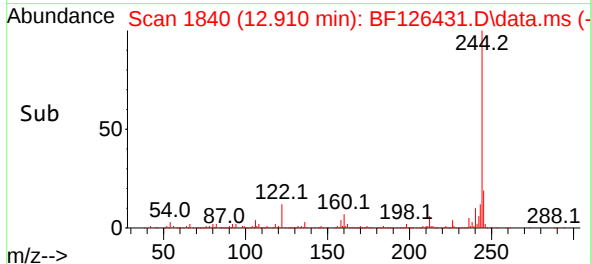
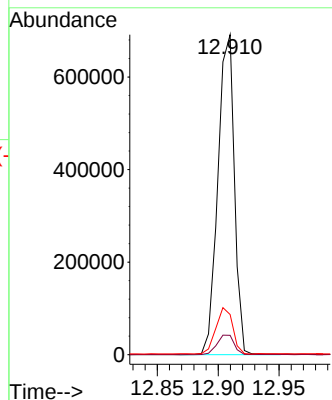


#79
 Terphenyl-d14
 Concen: 55.181 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF126431.D
 Acq: 30 Dec 2021 21:32

Instrument :
 BNA_F
 ClientSampleId :

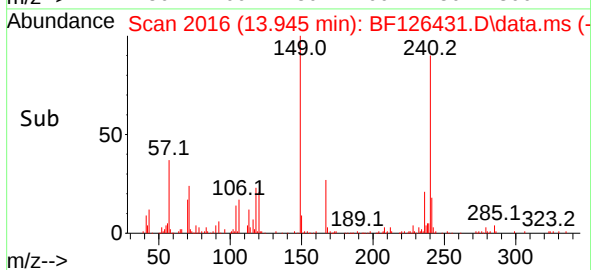
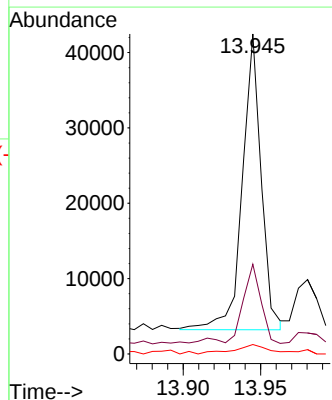
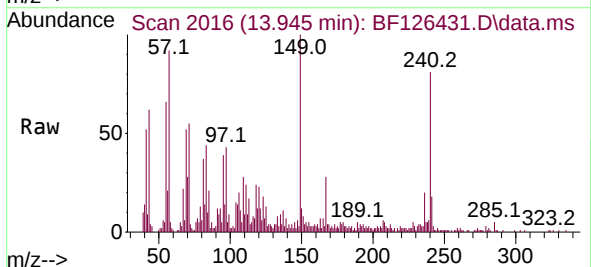


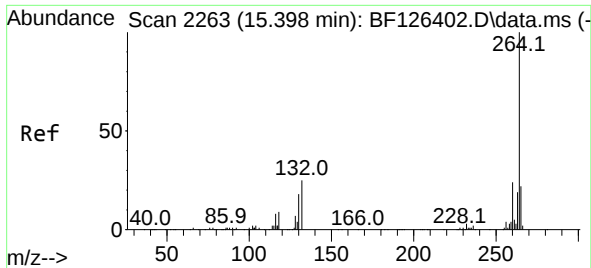
Tgt Ion:244 Resp: 653655
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 12.6 13.3 19.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.719 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: BF126431.D
 Acq: 30 Dec 2021 21:32

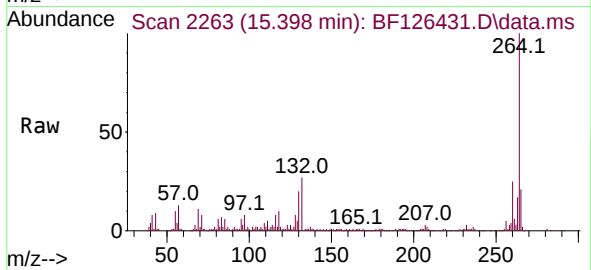
Tgt Ion:149 Resp: 33222
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.4 32.2
 279 3.0 2.4 3.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126431.D
 Acq: 30 Dec 2021 21:32

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	264	Resp:	179049
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	20.9	17.4	26.2

