

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126529.D
 Acq On : 6 Jan 2022 20:17
 Operator : JU/CG
 Sample : M5196-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-4-DEEP

Quant Time: Jan 07 08:34:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

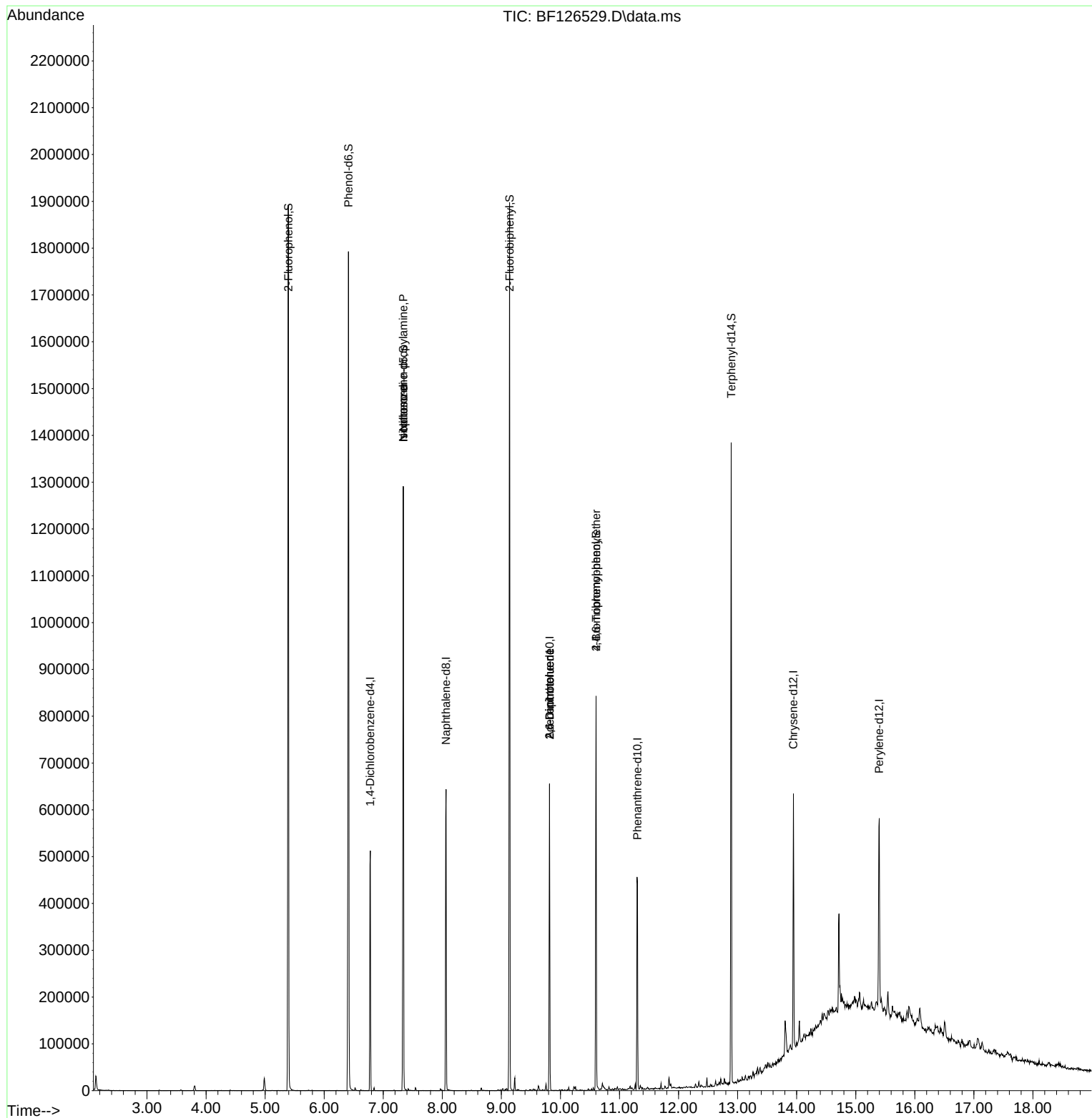
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76706	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	293607	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	120544	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	165242	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	166177	20.000	ng	0.00
86) Perylene-d12	15.398	264	179189	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	528178	98.883	ng	0.00
7) Phenol-d6	6.410	99	643432	93.005	ng	-0.01
23) Nitrobenzene-d5	7.339	82	397752	69.559	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	91220	97.928	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	547721	79.957	ng	-0.01
79) Terphenyl-d14	12.892	244	435259	50.890	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	48785	12.357	ng	# 80
25) Isophorone	7.339	82	395386	38.626	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	14678	9.032	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	14678	7.000	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	5466	3.727	ng	# 1
77) Benzidine	12.892	184	5313	Below Cal		# 89

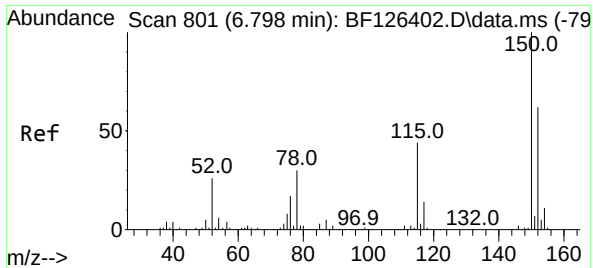
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126529.D
Acq On : 6 Jan 2022 20:17
Operator : JU/CG
Sample : M5196-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

Quant Time: Jan 07 08:34:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

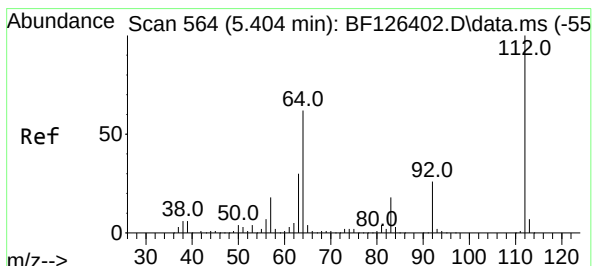
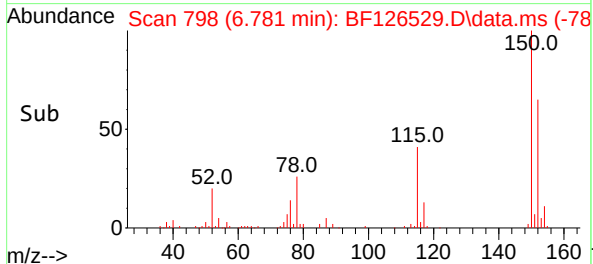
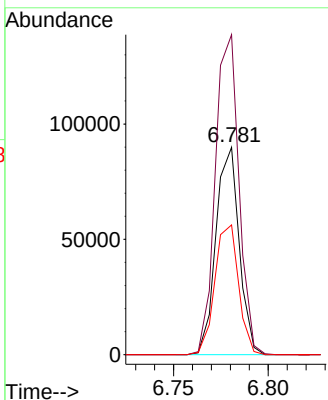
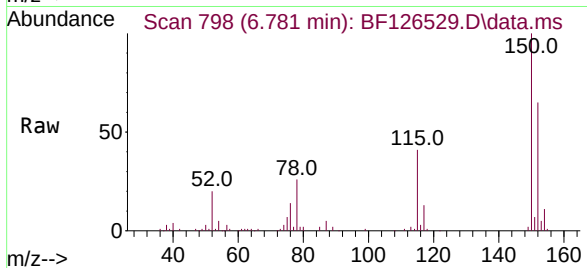




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

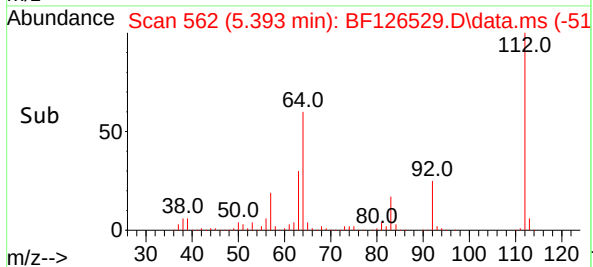
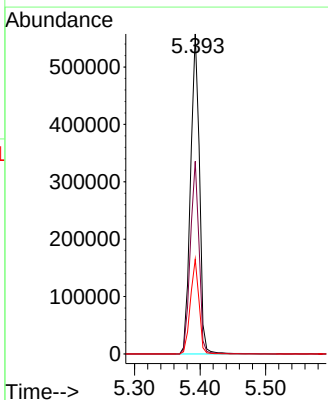
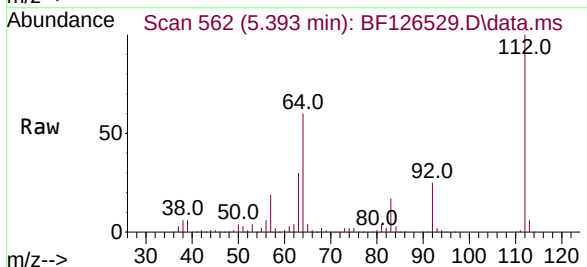
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

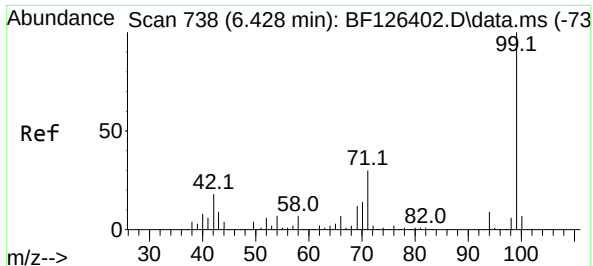
Tgt Ion:152 Resp: 76706
Ion Ratio Lower Upper
152 100
150 154.3 128.1 192.1
115 62.6 56.7 85.1



#5
2-Fluorophenol
Concen: 98.883 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

Tgt Ion:112 Resp: 528178
Ion Ratio Lower Upper
112 100
64 60.2 49.5 74.3
63 29.6 23.9 35.9

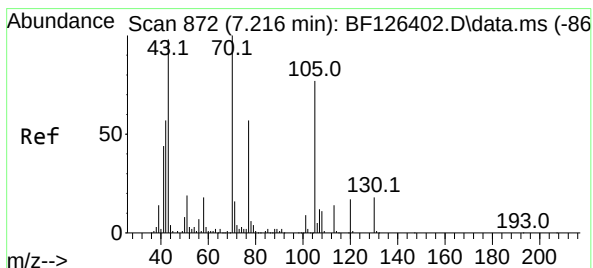
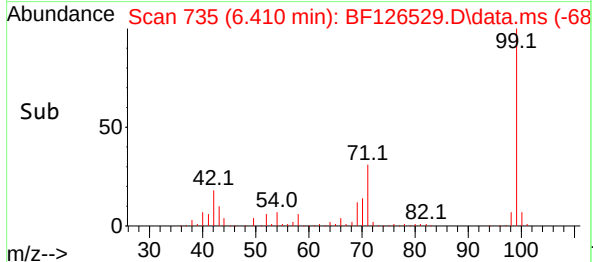
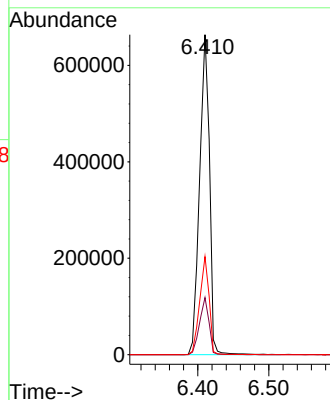
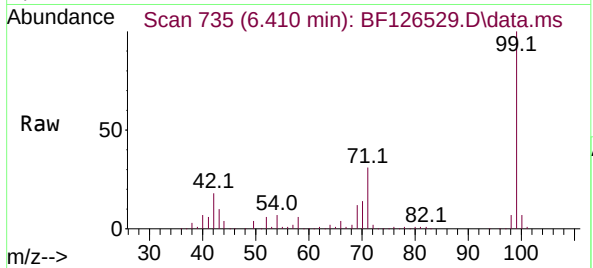




#7
Phenol-d6
Concen: 93.005 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

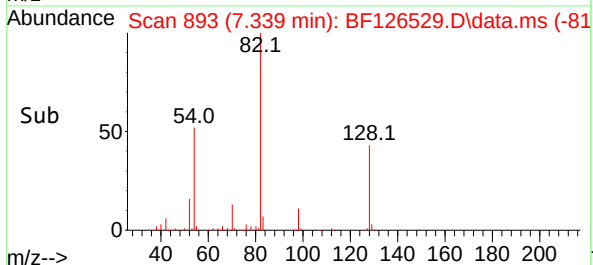
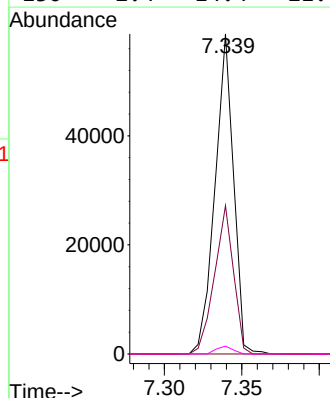
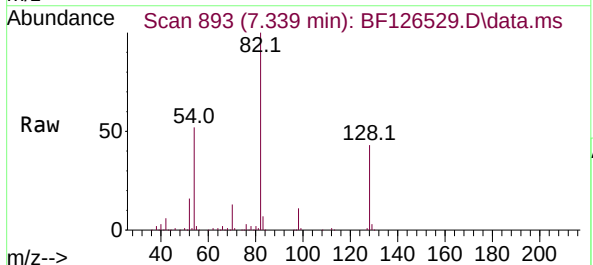
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

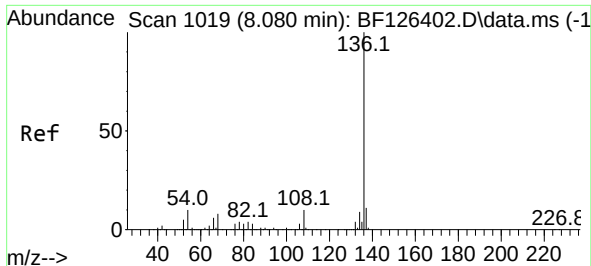
Tgt Ion: 99 Resp: 643432
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 30.7 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.357 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

Tgt Ion: 70 Resp: 48785
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 2.4 14.4 21.6#

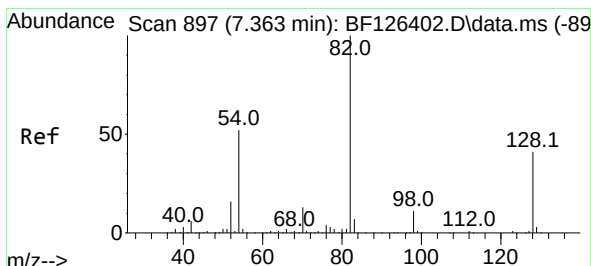
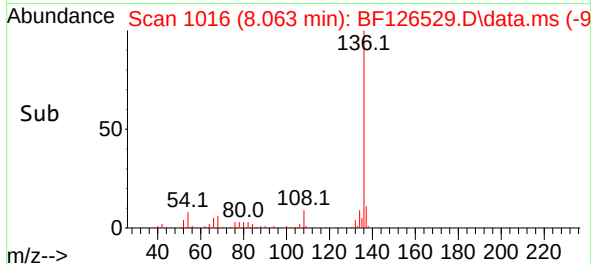
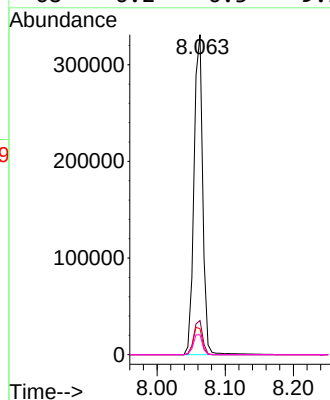
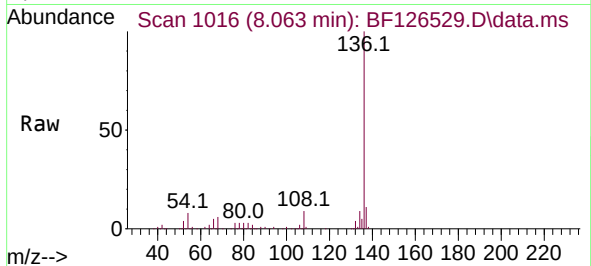




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

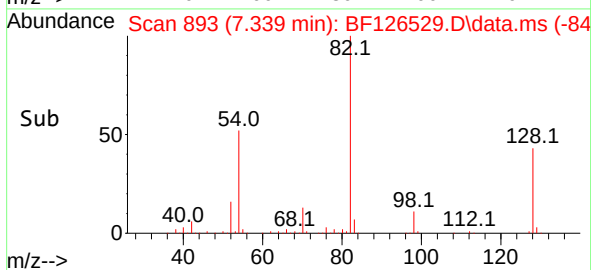
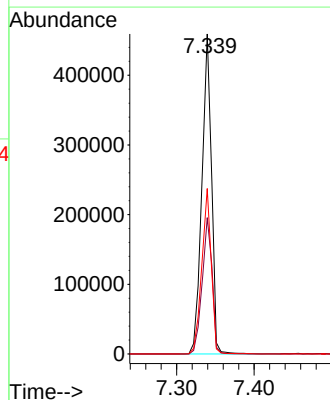
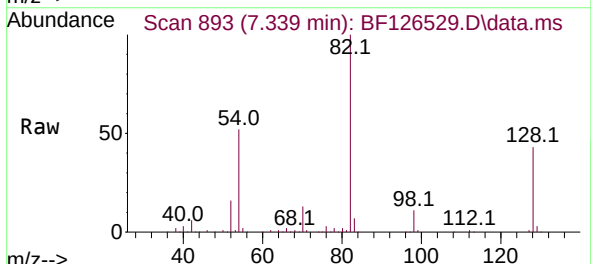
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

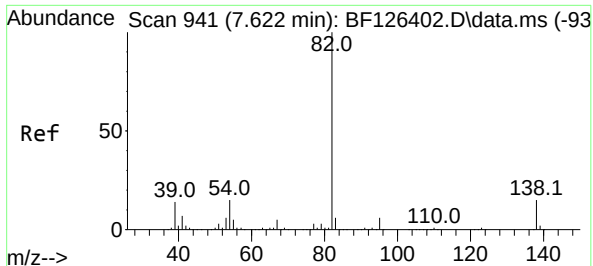
Tgt Ion:	136	Resp:	293607
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.1	7.8	11.6
68	6.2	6.3	9.5



#23
Nitrobenzene-d5
Concen: 69.559 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

Tgt Ion:	82	Resp:	397752
Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.7	49.1
54	51.7	41.7	62.5

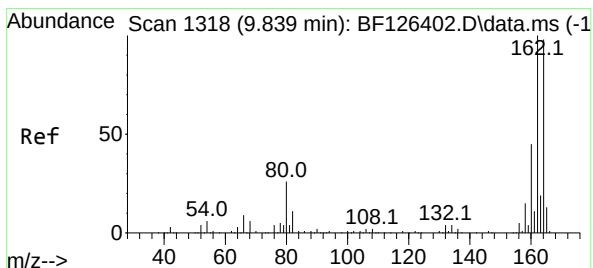
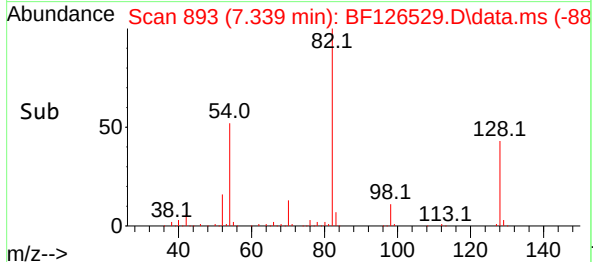
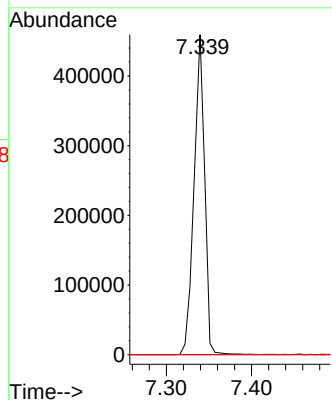
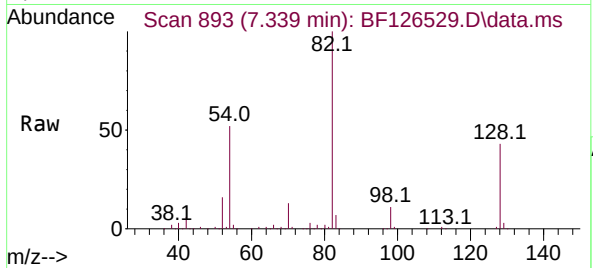




#25
Isophorone
Concen: 38.626 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

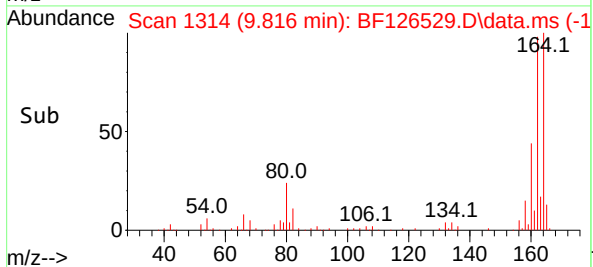
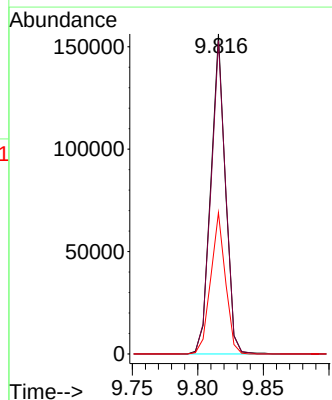
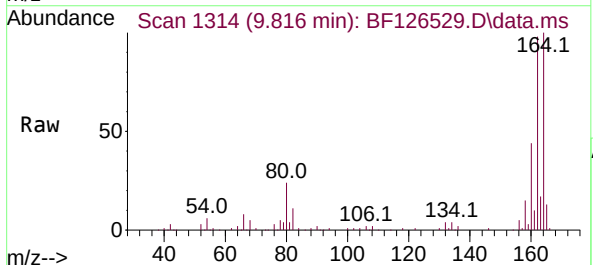
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

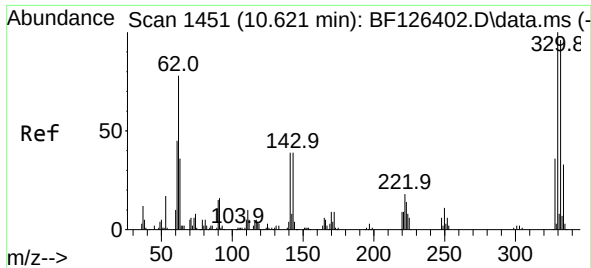
Tgt Ion: 82 Resp: 395386
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

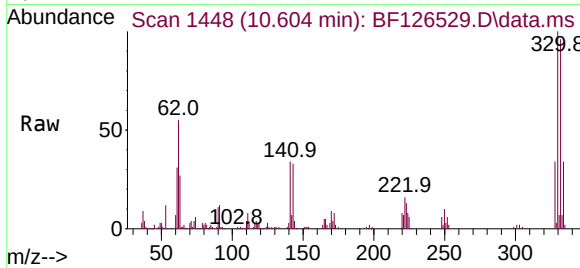
Tgt Ion: 164 Resp: 120544
Ion Ratio Lower Upper
164 100
162 97.9 81.4 122.0
160 44.1 36.6 54.8



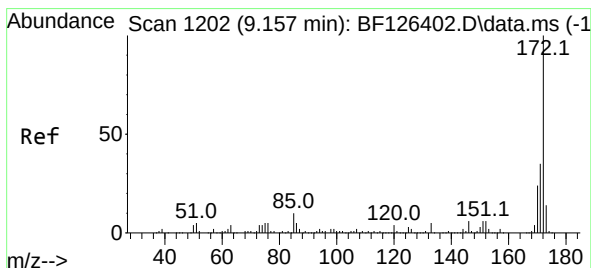
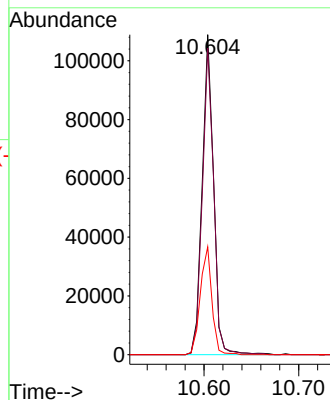
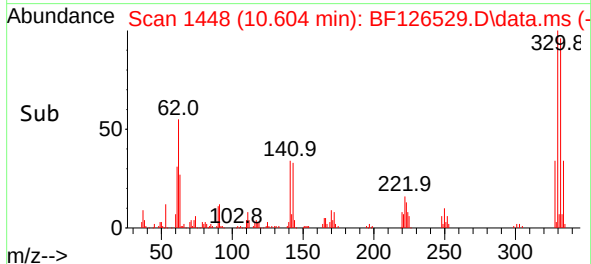


#42
2,4,6-Tribromophenol
Concen: 97.928 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

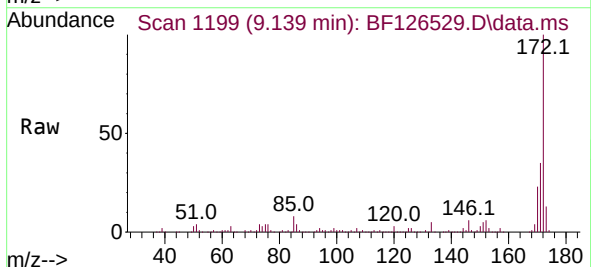
Instrument : BNA_F
ClientSampleId : COMPOSITE-SAMPLE-4-DEEP



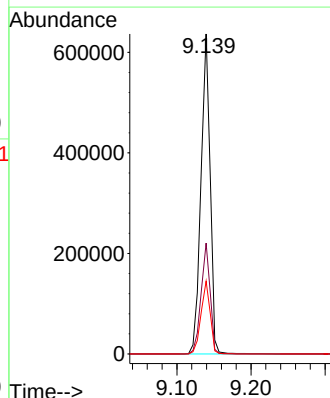
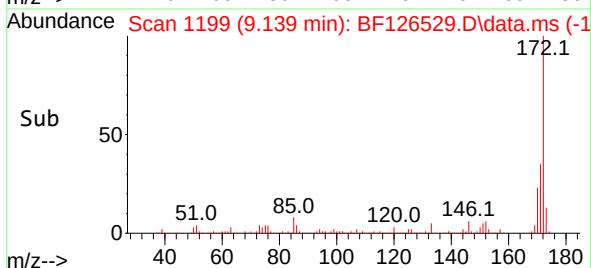
Tgt Ion:330 Resp: 91220
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 34.4 30.1 45.1

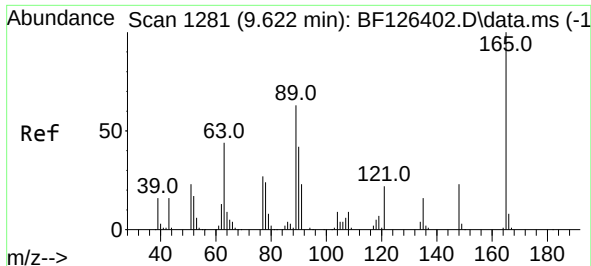


#45
2-Fluorobiphenyl
Concen: 79.957 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17



Tgt Ion:172 Resp: 547721
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.8 19.0 28.6

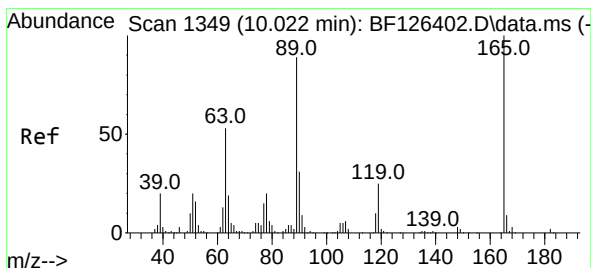
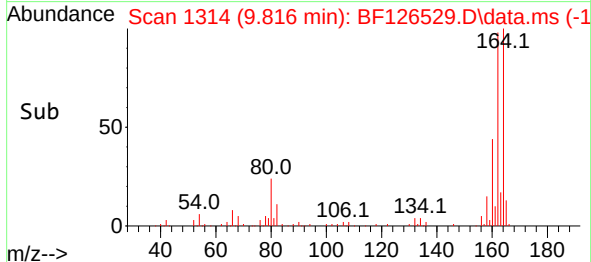
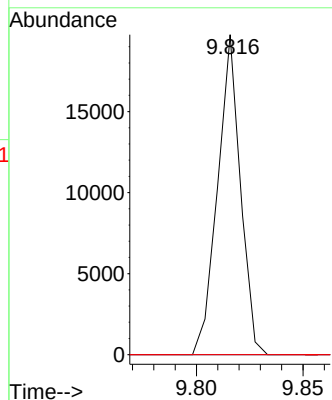
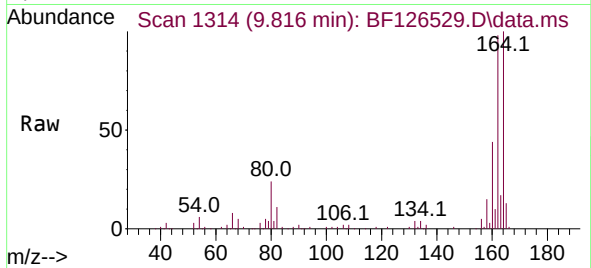




#51
2,6-Dinitrotoluene
Concen: 9.032 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

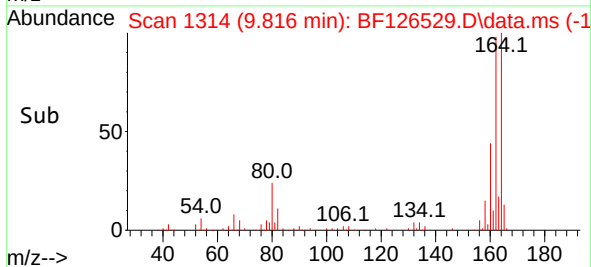
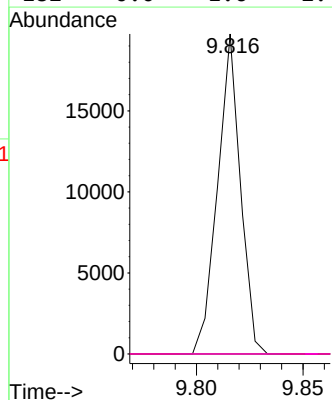
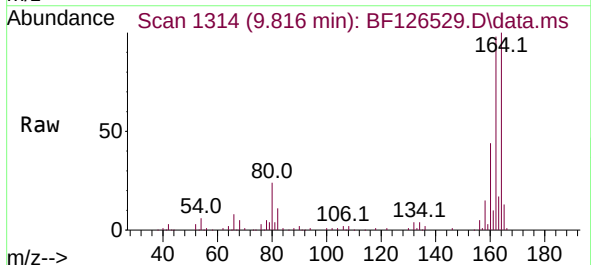
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

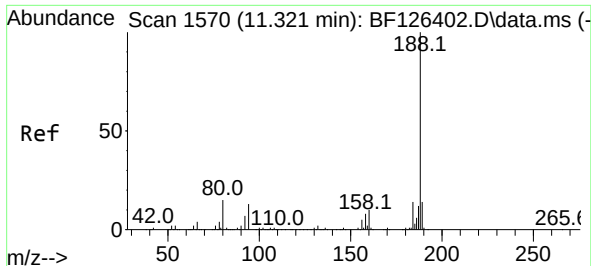
Tgt Ion:165 Resp: 14678
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

Tgt Ion:165 Resp: 14678
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#

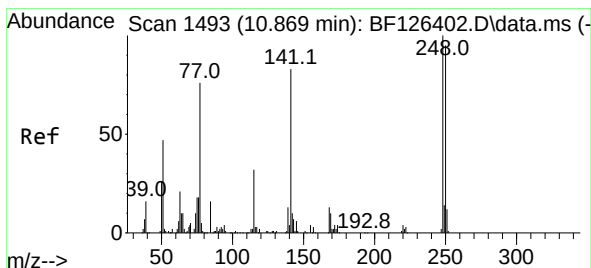
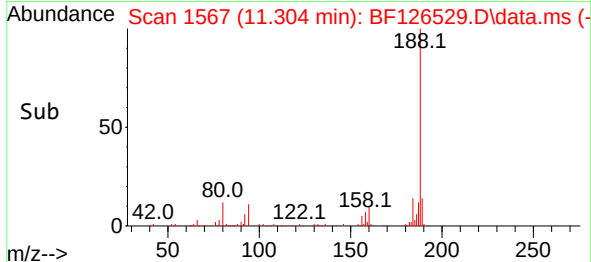
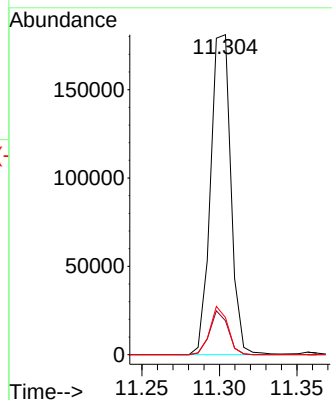
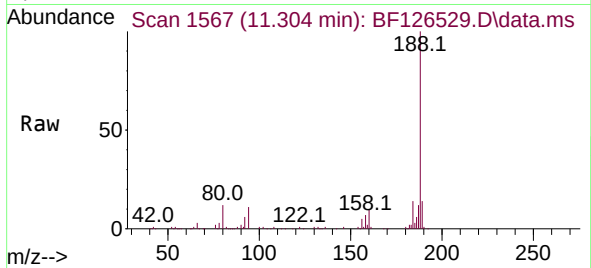




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

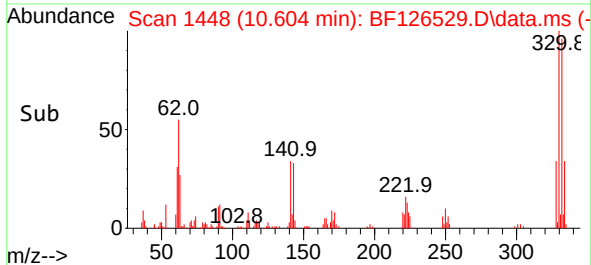
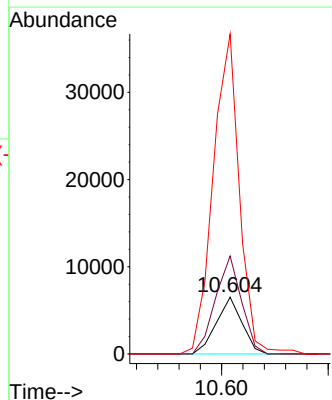
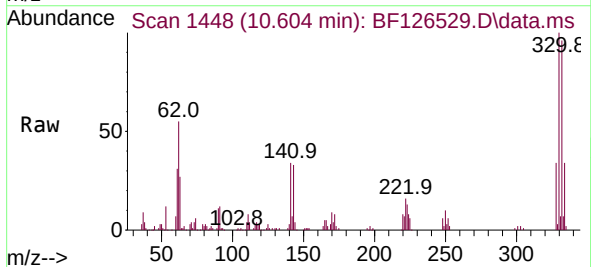
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

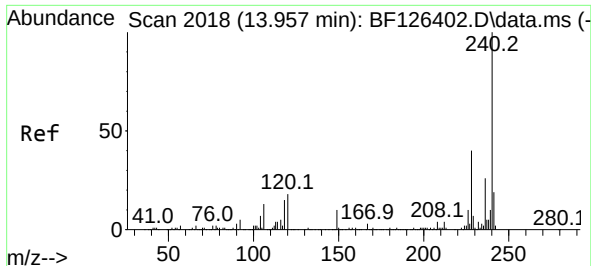
Tgt Ion:188 Resp: 165242
Ion Ratio Lower Upper
188 100
94 10.6 10.1 15.1
80 11.6 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.727 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

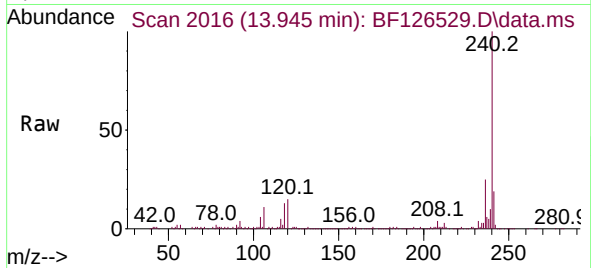
Tgt Ion:248 Resp: 5466
Ion Ratio Lower Upper
248 100
250 172.4 76.2 114.4#
141 563.3 66.2 99.4#



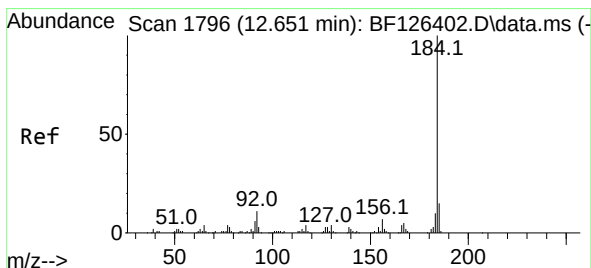
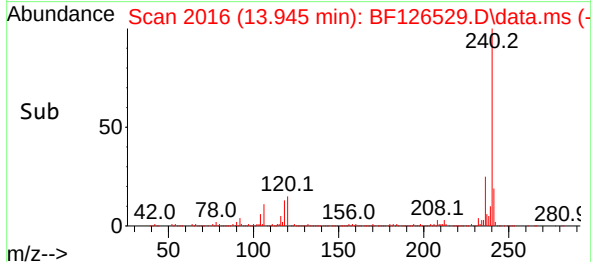
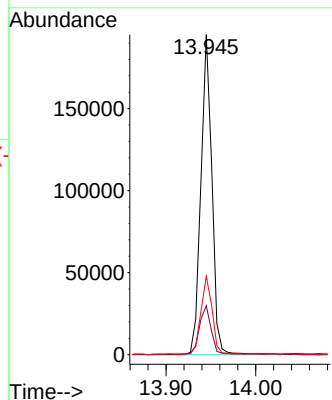


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

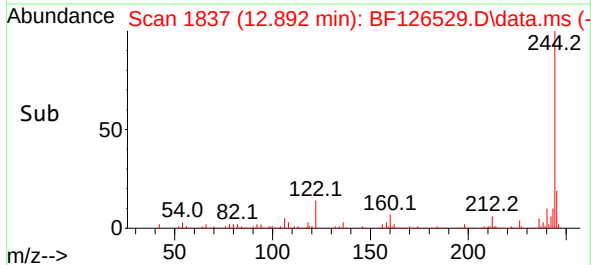
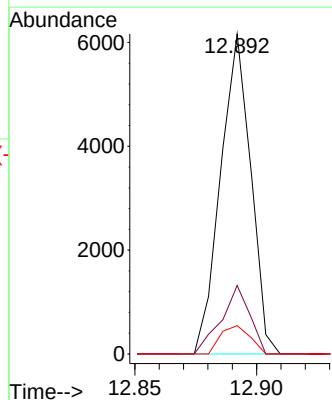
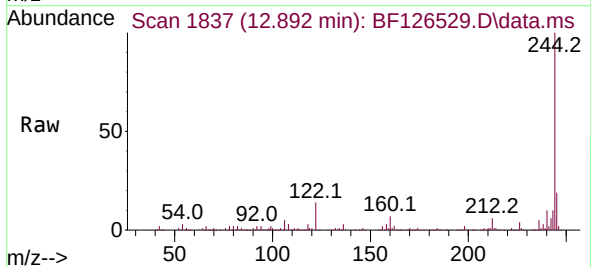


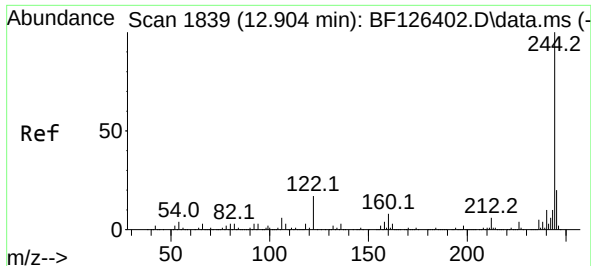
Tgt Ion:240 Resp: 166177
Ion Ratio Lower Upper
240 100
120 15.3 14.4 21.6
236 24.5 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

Tgt Ion:184 Resp: 5313
Ion Ratio Lower Upper
184 100
185 21.4 11.8 17.8#
183 8.8 8.2 12.2

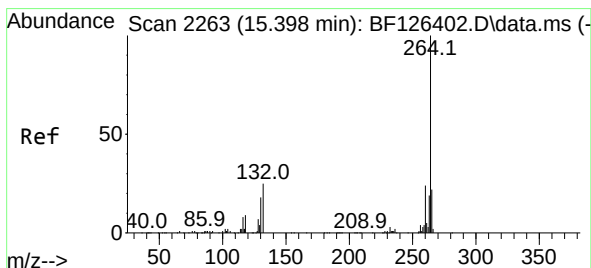
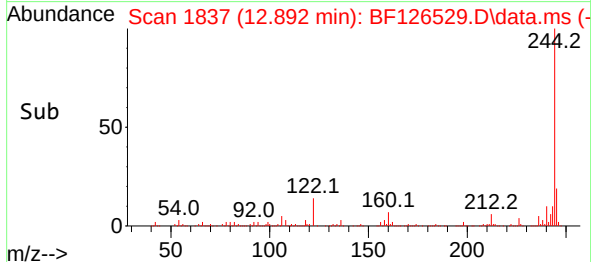
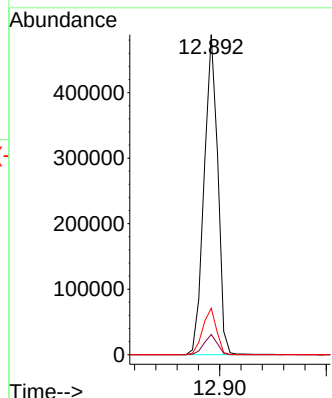
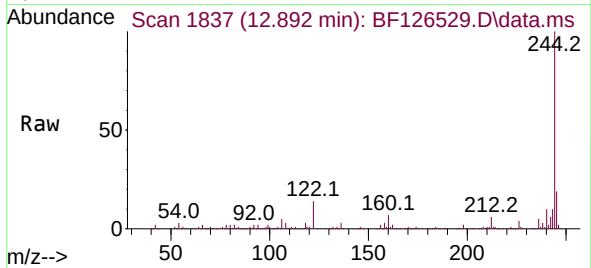




#79
 Terphenyl-d14
 Concen: 50.890 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126529.D
 Acq: 6 Jan 2022 20:17

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-4-DEEP

Tgt Ion:244 Resp: 435259
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 14.5 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2263
 Delta R.T. 0.012 min
 Lab File: BF126529.D
 Acq: 6 Jan 2022 20:17

Tgt Ion:264 Resp: 179189
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.4 26.2

