

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126526.D
 Acq On : 6 Jan 2022 18:58
 Operator : JU/CG
 Sample : M5196-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 07 08:33:52 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)

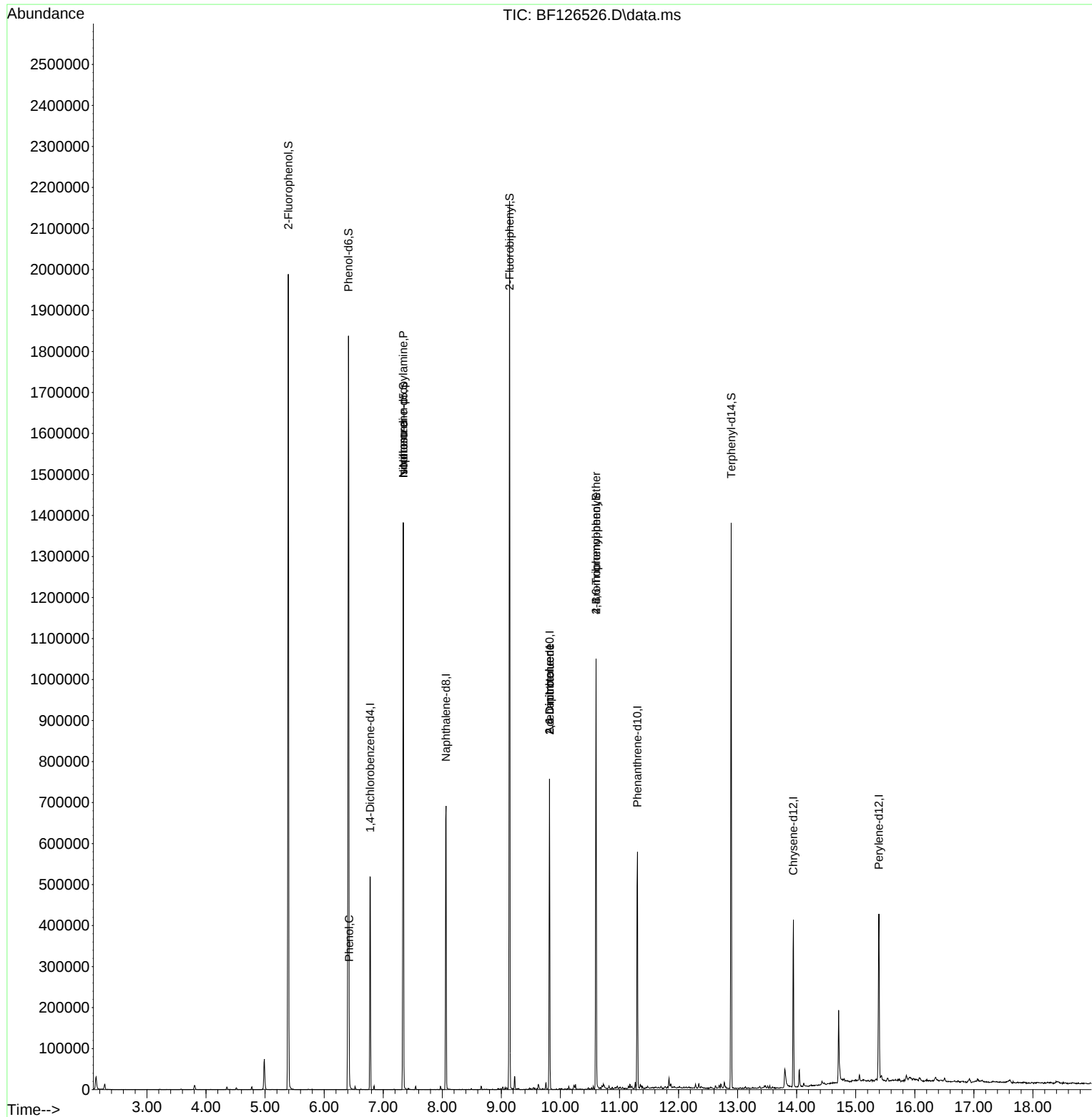
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	77603	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	323022	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	143563	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	202102	20.000	ng	0.00
76) Chrysene-d12	13.945	240	128828	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	164040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	564309	104.427	ng	0.00
7) Phenol-d6	6.410	99	706067	100.879	ng	-0.01
23) Nitrobenzene-d5	7.340	82	442409	70.323	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	112374	101.295	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	632739	77.558	ng	-0.01
79) Terphenyl-d14	12.892	244	426304	64.294	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.422	94	15688	2.008	ng	96
19) n-Nitroso-di-n-propyla...	7.340	70	55576	13.915	ng	# 80
25) Isophorone	7.340	82	439745	39.047	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	18967	9.799	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	18967	7.595	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	5864	3.269	ng	# 1
77) Benzidine	12.892	184	5173	Below Cal		# 91

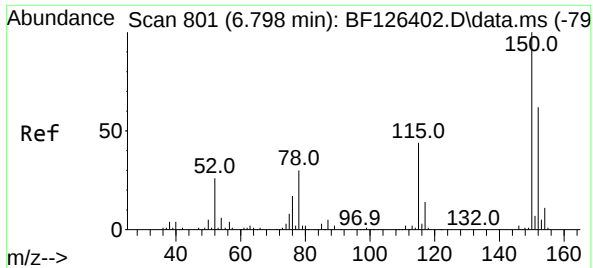
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
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COMPOSITE-SAMPLE-4-SHALLOW

Quant Time: Jan 07 08:33:52 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

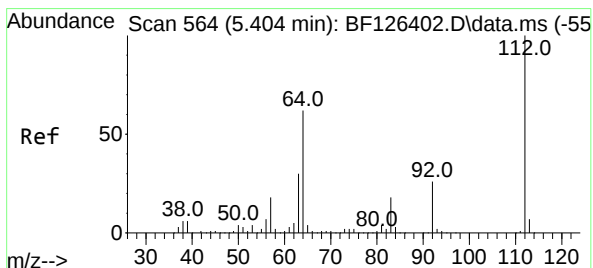
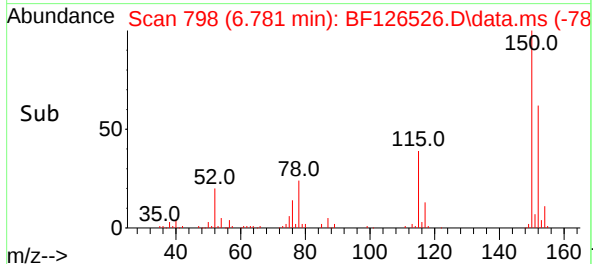
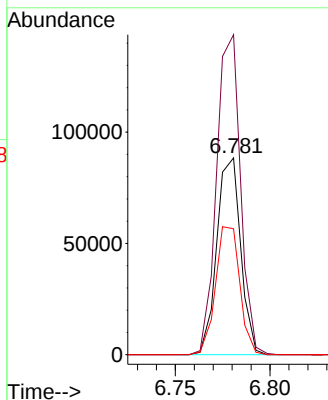
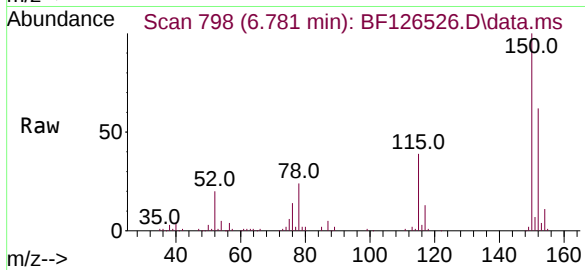




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

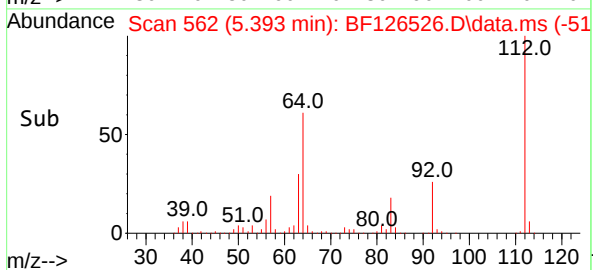
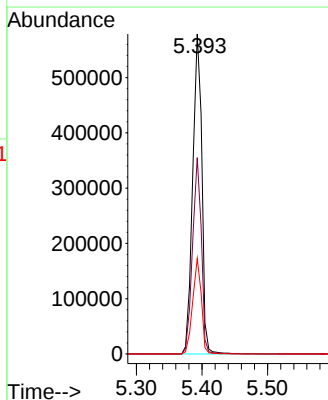
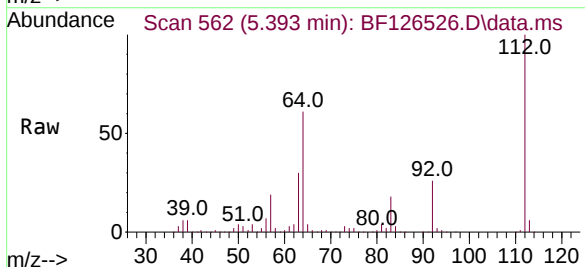
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-SHALLOW

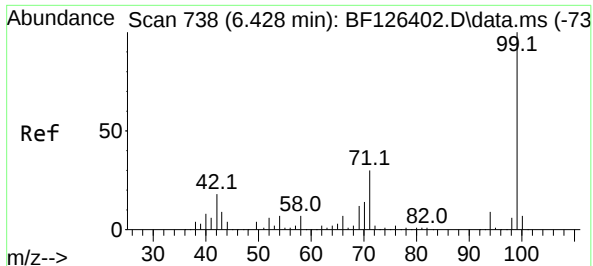
Tgt Ion:152 Resp: 77603
Ion Ratio Lower Upper
152 100
150 162.6 128.1 192.1
115 64.0 56.7 85.1



#5
2-Fluorophenol
Concen: 104.427 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

Tgt Ion:112 Resp: 564309
Ion Ratio Lower Upper
112 100
64 61.3 49.5 74.3
63 29.9 23.9 35.9

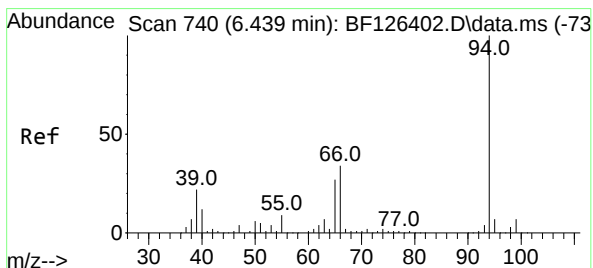
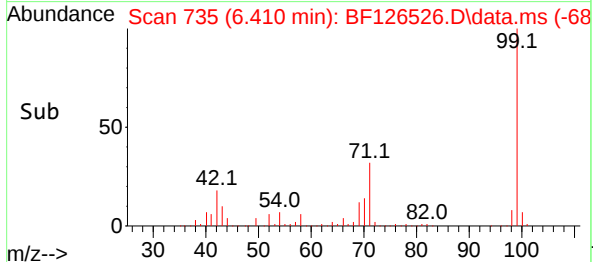
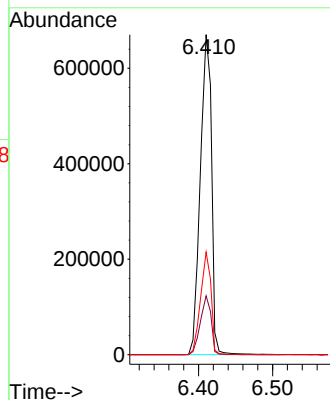
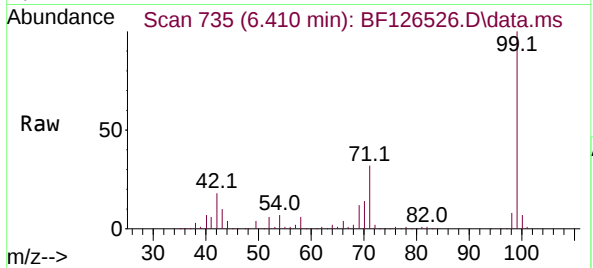




#7
Phenol-d6
Concen: 100.879 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

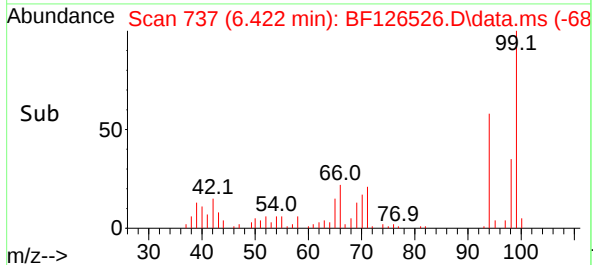
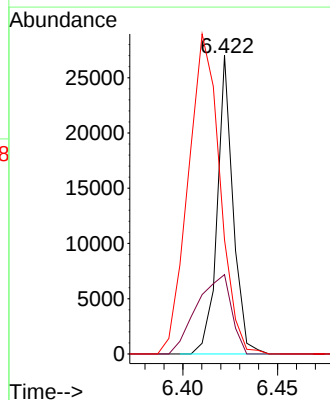
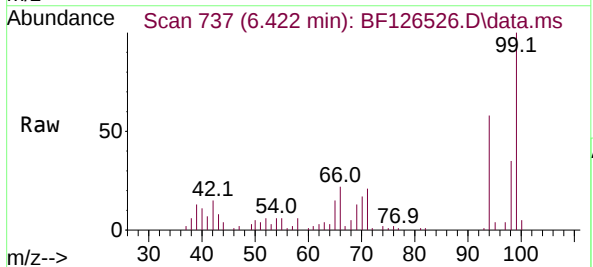
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-SHALLOW

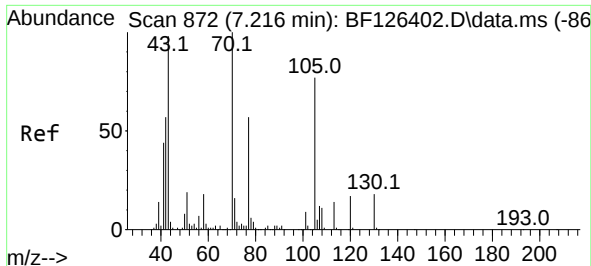
Tgt Ion: 99 Resp: 706067
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 32.1 24.3 36.5



#10
Phenol
Concen: 2.008 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

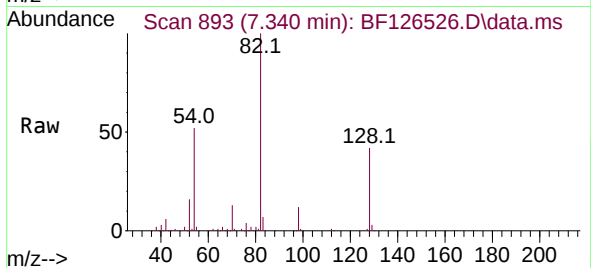
Tgt Ion: 94 Resp: 15688
Ion Ratio Lower Upper
94 100
65 26.6 7.2 47.2
66 38.2 14.5 54.5



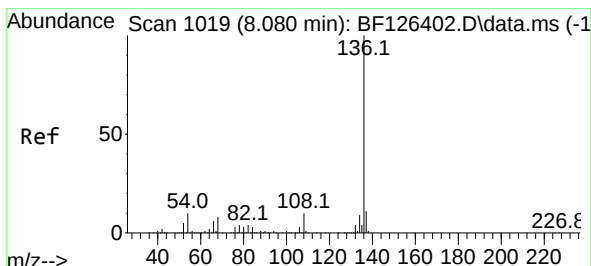
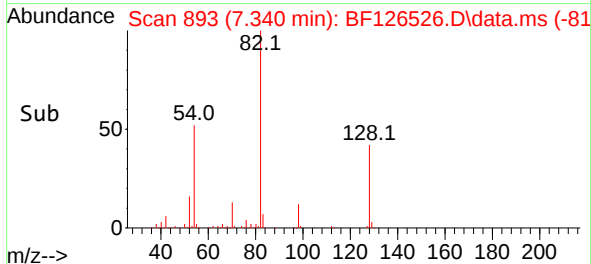
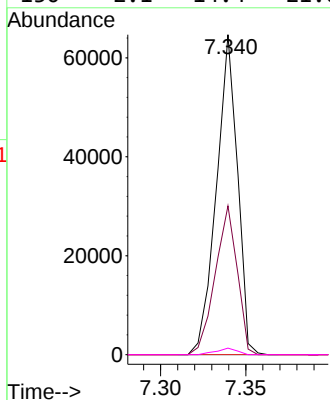


#19
n-Nitroso-di-n-propylamine
Concen: 13.915 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.135 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

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

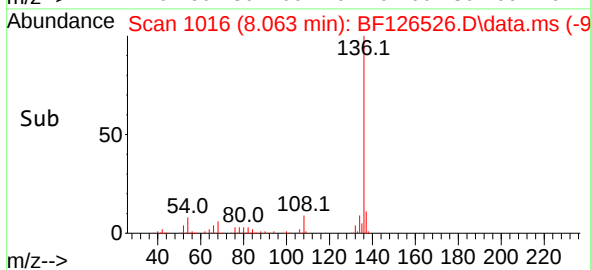
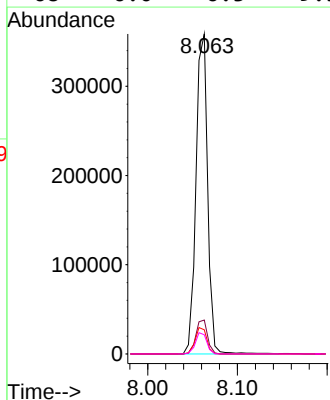
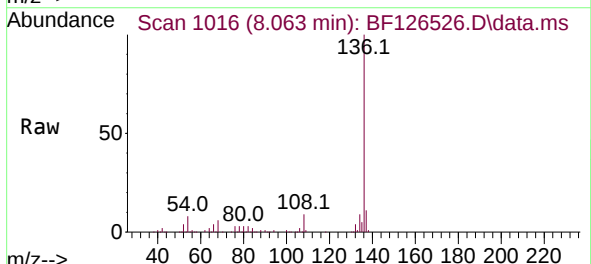


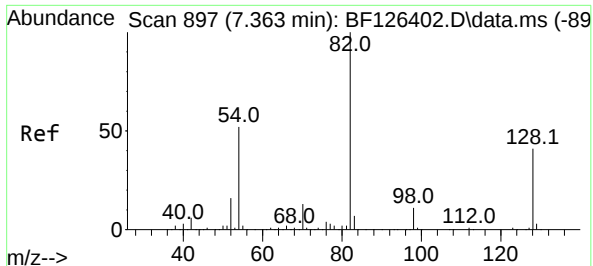
Tgt Ion:	70	Resp:	55576
Ion	Ratio	Lower	Upper
70	100		
42	46.5	45.8	68.8
101	0.0	6.9	10.3#
130	2.1	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

Tgt Ion:	136	Resp:	323022
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.5	7.8	11.6#
68	6.0	6.3	9.5#

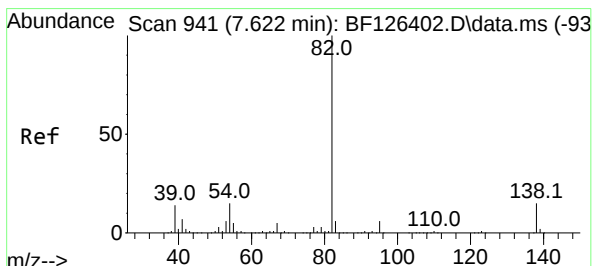
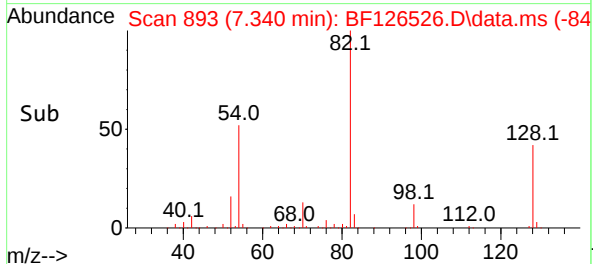
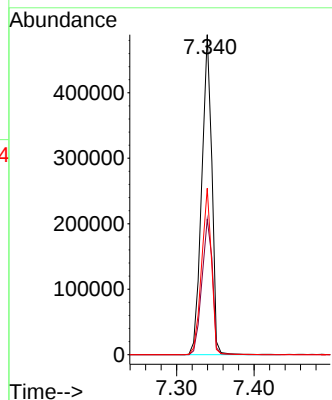
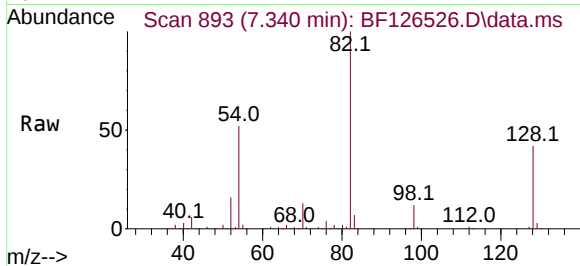




#23
Nitrobenzene-d5
Concen: 70.323 ng
RT: 7.340 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

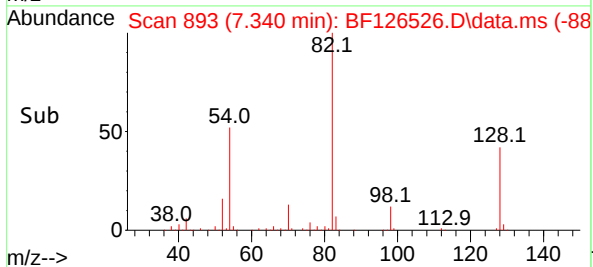
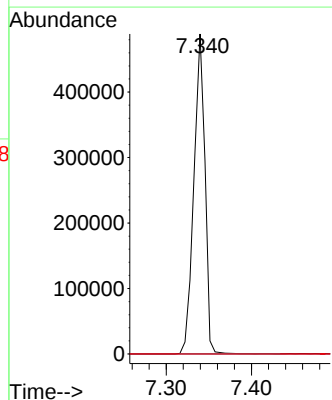
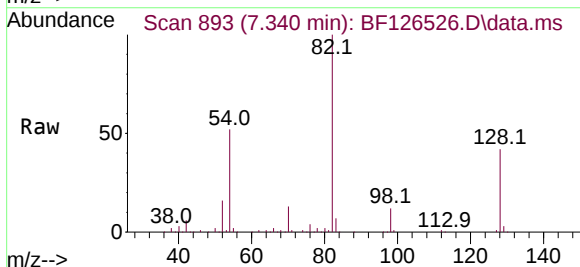
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-SHALLOW

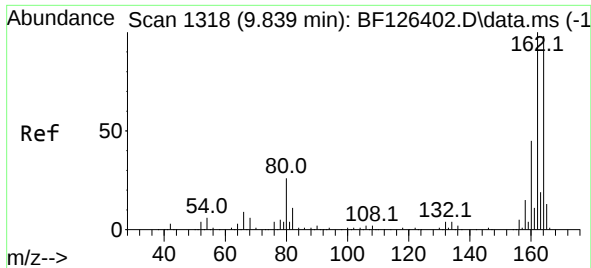
Tgt Ion: 82 Resp: 442409
Ion Ratio Lower Upper
82 100
128 42.3 32.7 49.1
54 52.0 41.7 62.5



#25
Isophorone
Concen: 39.047 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.270 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

Tgt Ion: 82 Resp: 439745
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

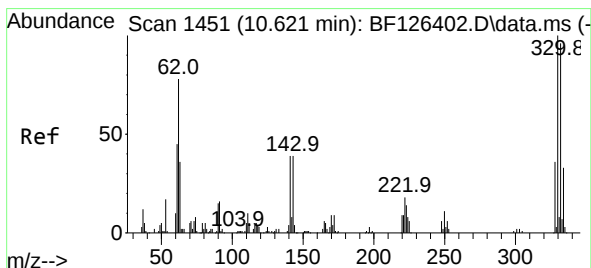
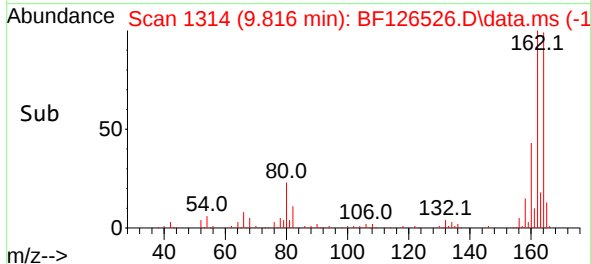
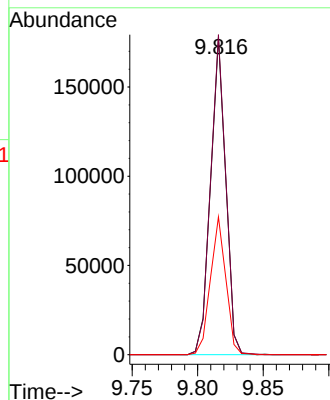
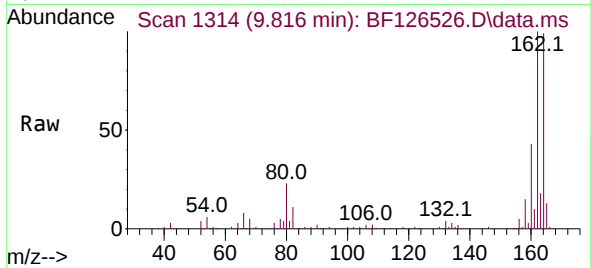




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

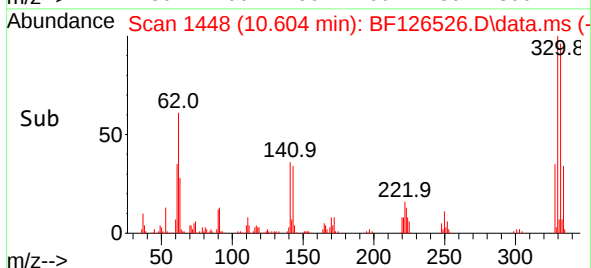
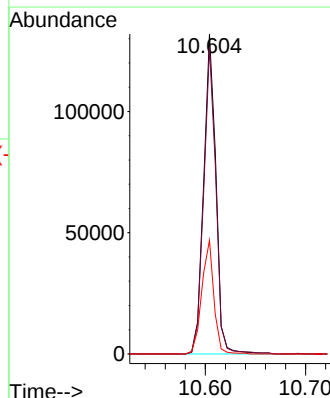
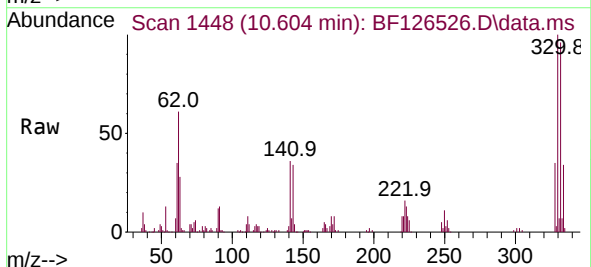
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-SHALLOW

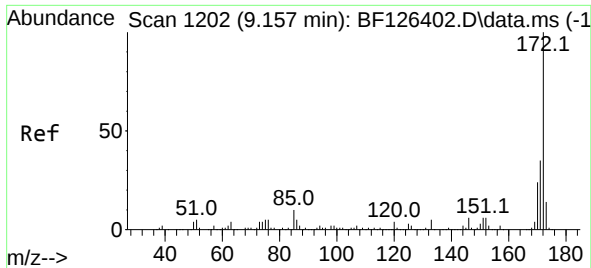
Tgt Ion:164 Resp: 143563
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 43.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 101.295 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

Tgt Ion:330 Resp: 112374
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 35.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 77.558 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126526.D

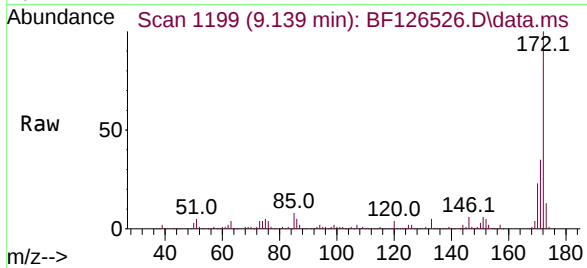
Acq: 6 Jan 2022 18:58

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-SAMPLE-4-SHALLOW



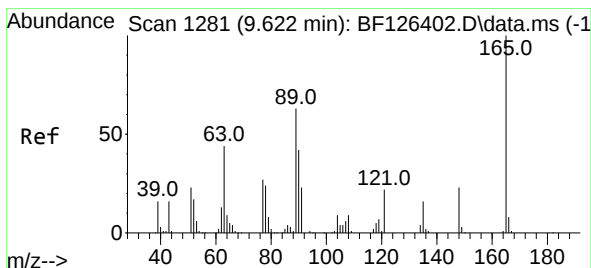
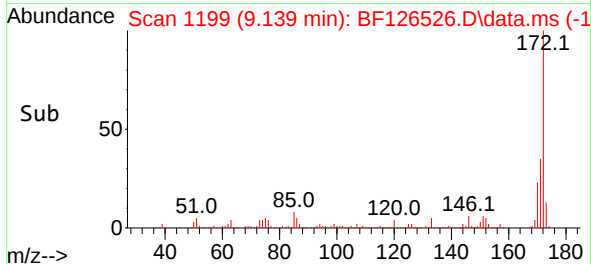
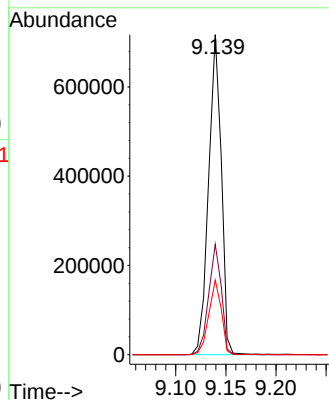
Tgt Ion:172 Resp: 632739

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.799 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.206 min

Lab File: BF126526.D

Acq: 6 Jan 2022 18:58

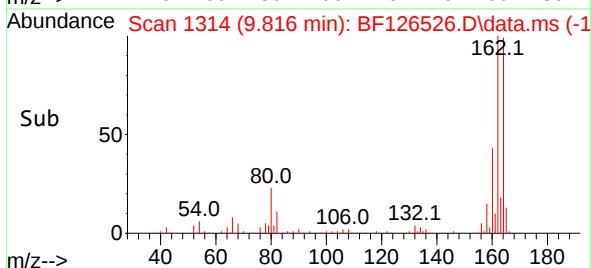
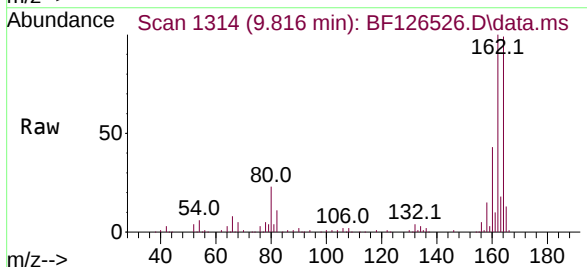
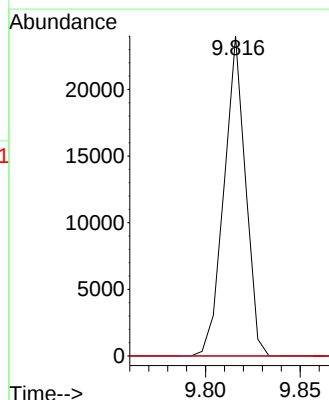
Tgt Ion:165 Resp: 18967

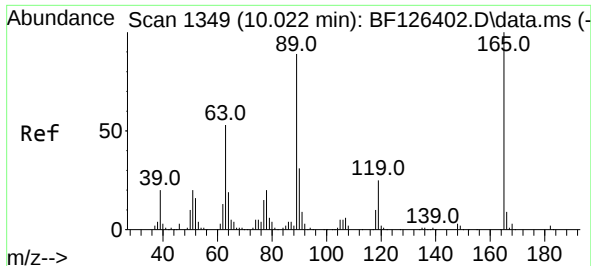
Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

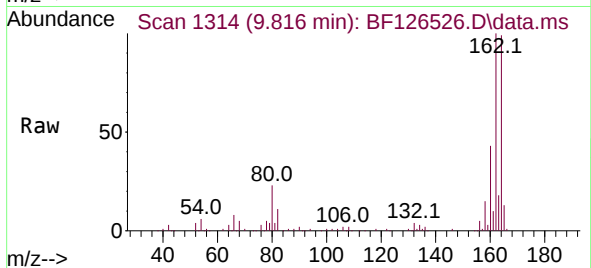
89 0.0 50.5 75.7#



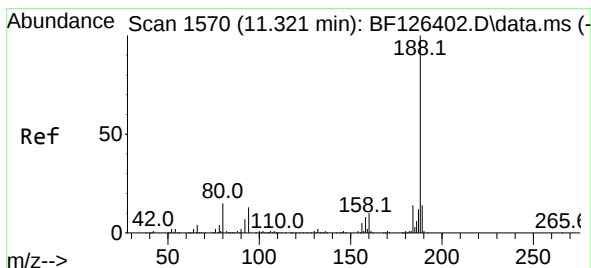
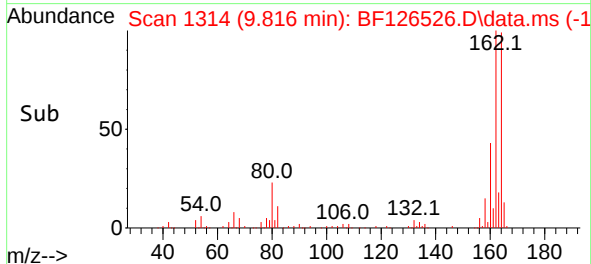
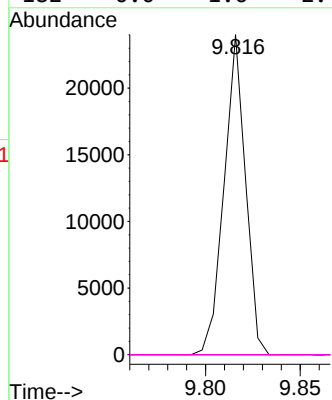


#57
2,4-Dinitrotoluene
Concen: 7.595 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

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

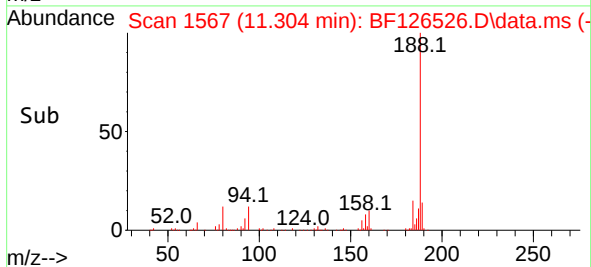
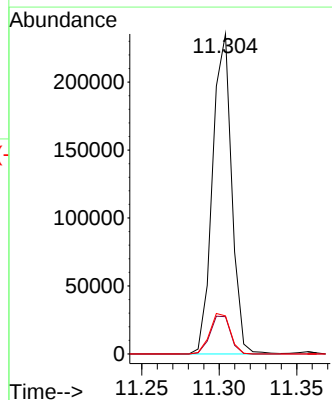
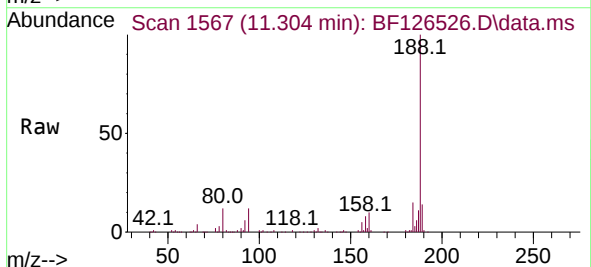


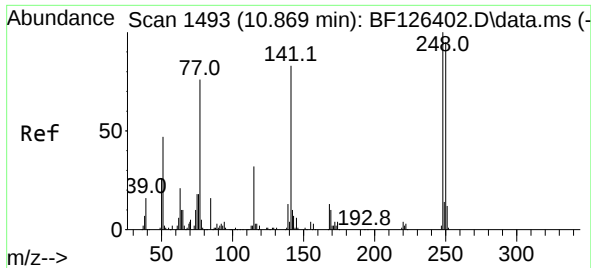
Tgt Ion:165 Resp: 18967
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

Tgt Ion:188 Resp: 202102
Ion Ratio Lower Upper
188 100
94 11.6 10.1 15.1
80 11.9 11.8 17.6

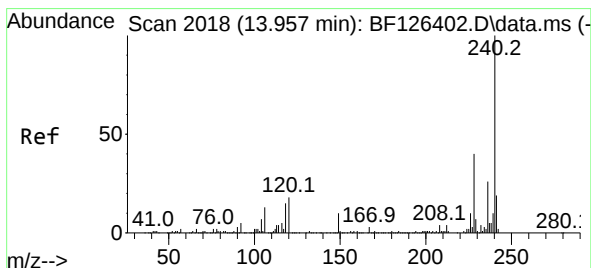
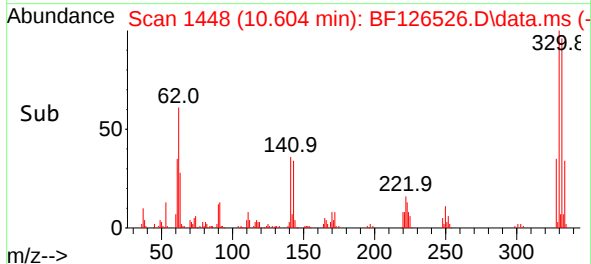
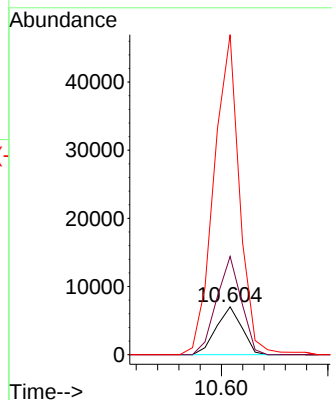
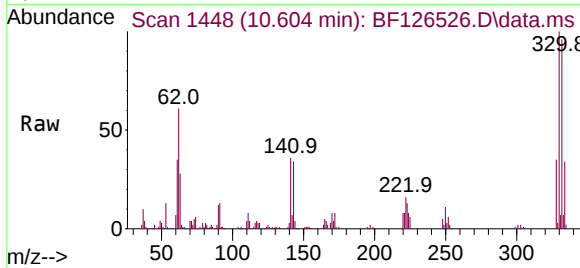




#67
4-Bromophenyl-phenylether
Concen: 3.269 ng
RT: 10.604 min Scan# 1493
Delta R.T. -0.253 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

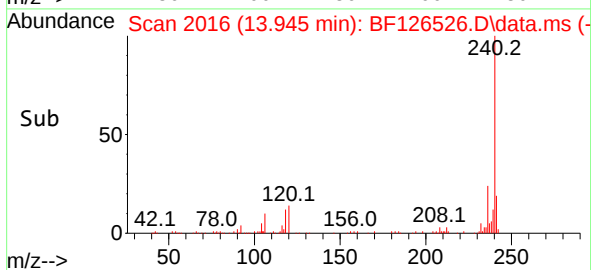
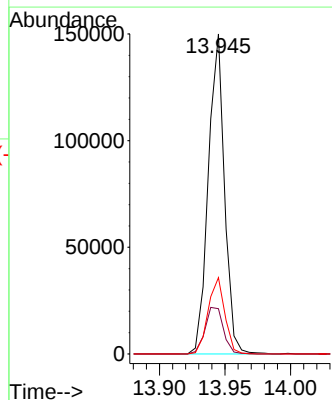
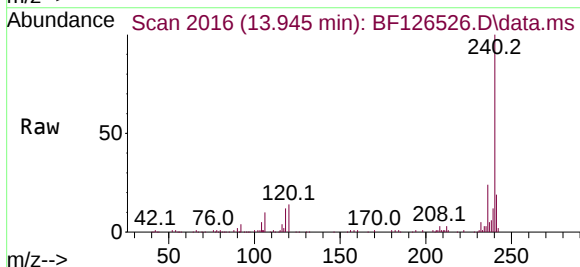
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-SHALLOW

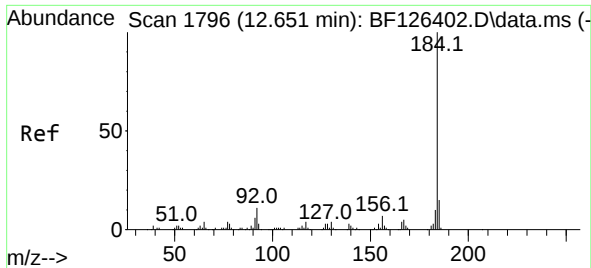
Tgt Ion:248 Resp: 5864
Ion Ratio Lower Upper
248 100
250 205.3 76.2 114.4#
141 668.5 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

Tgt Ion:240 Resp: 128828
Ion Ratio Lower Upper
240 100
120 14.1 14.4 21.6#
236 23.9 20.5 30.7

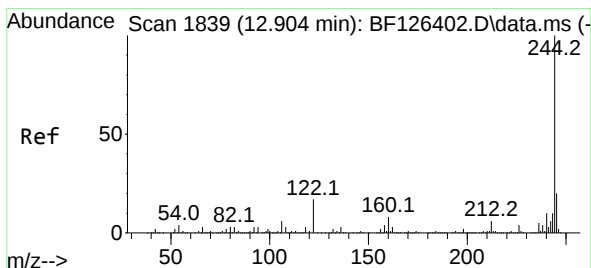
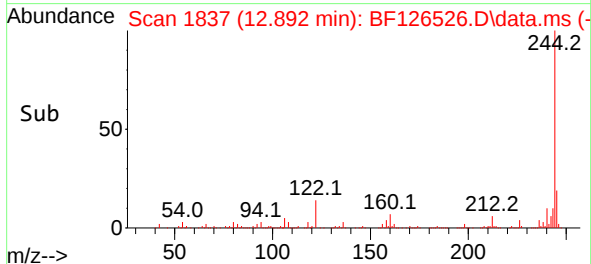
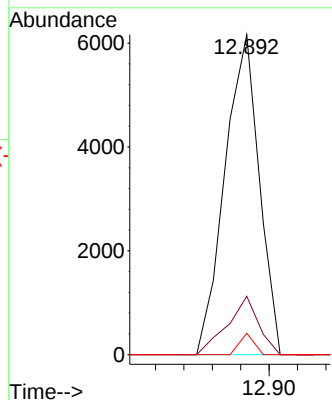
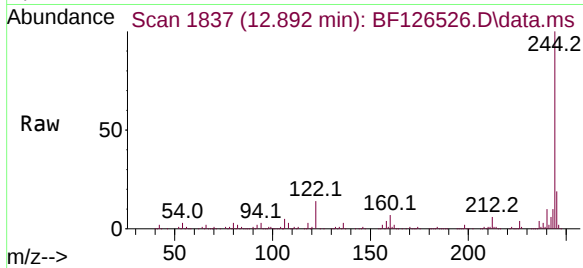




#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

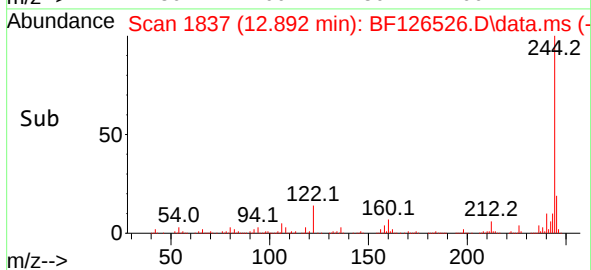
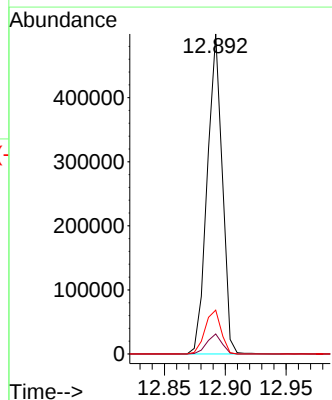
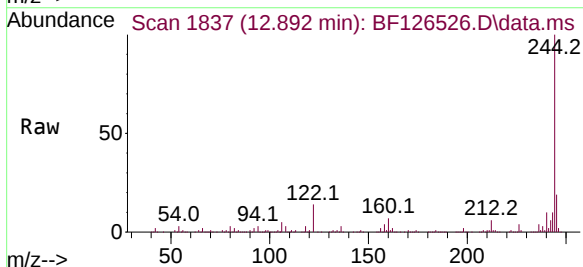
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-SHALLOW

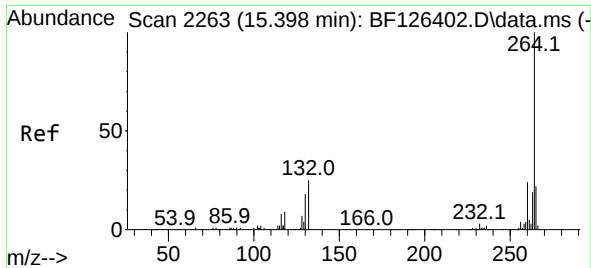
Tgt Ion:184 Resp: 5173
Ion Ratio Lower Upper
184 100
185 18.2 11.8 17.8#
183 6.7 8.2 12.2#



#79
Terphenyl-d14
Concen: 64.294 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF126526.D
Acq: 6 Jan 2022 18:58

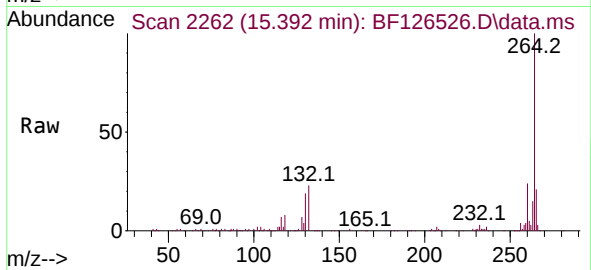
Tgt Ion:244 Resp: 426304
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 13.7 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126526.D
 Acq: 6 Jan 2022 18:58

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



Tgt Ion:264 Resp: 164040
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.3 17.4 26.2

