

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126475.D
 Acq On : 4 Jan 2022 19:03
 Operator : JU/CG
 Sample : M5338-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(9.5-10)

Quant Time: Jan 05 02:00:37 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)

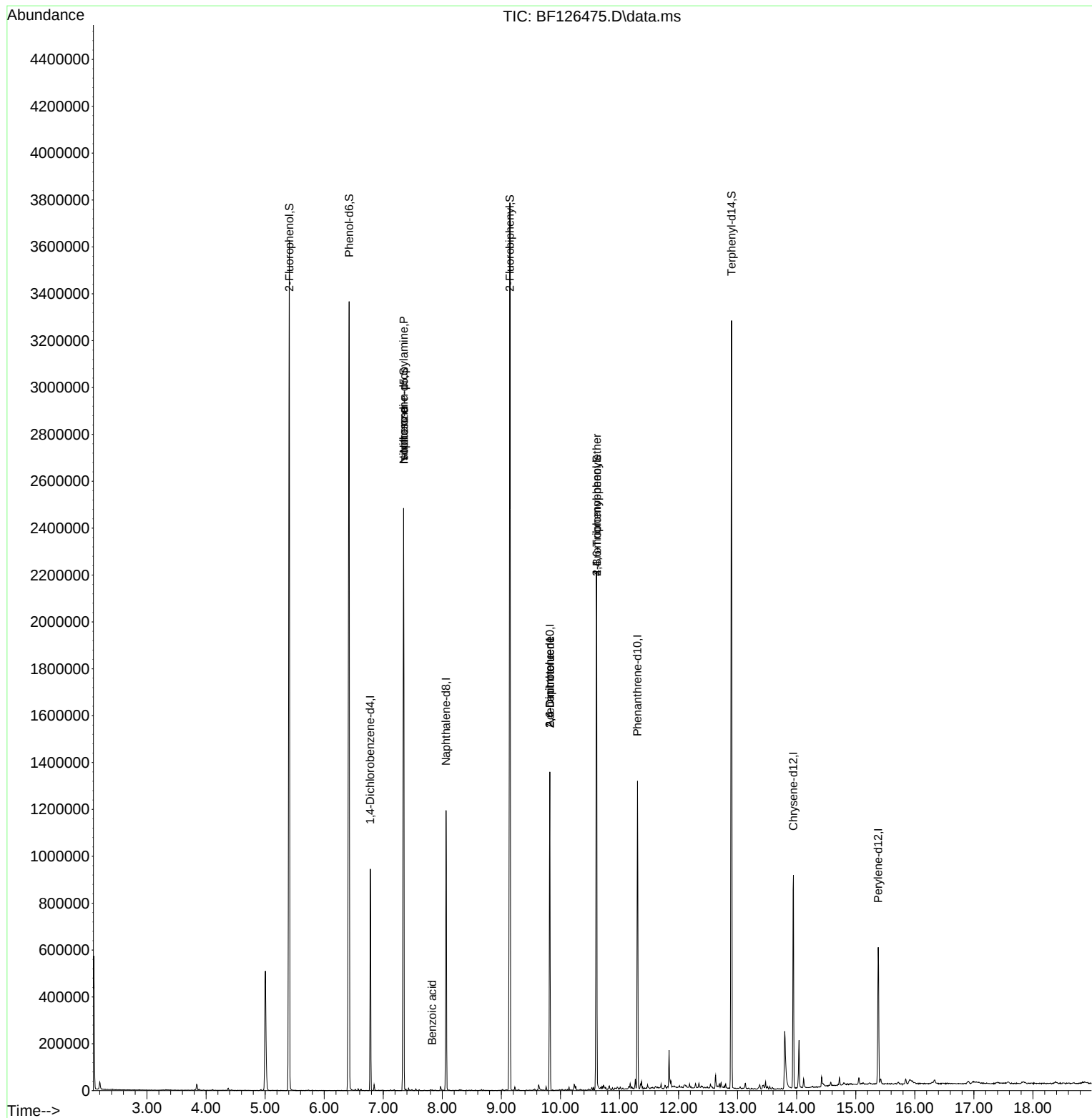
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	133219	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	569331	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	265650	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	437507	20.000	ng	0.00
76) Chrysene-d12	13.945	240	303230	20.000	ng	0.00
86) Perylene-d12	15.380	264	239182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1157719	124.799	ng	0.02
7) Phenol-d6	6.422	99	1462586	121.727	ng	0.00
23) Nitrobenzene-d5	7.345	82	971349	87.603	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	297021	144.691	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1316197	87.188	ng	0.00
79) Terphenyl-d14	12.898	244	1214514	77.820	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	122310	17.839	ng	# 80
25) Isophorone	7.345	82	971264	48.932	ng	# 69
32) Benzoic acid	7.827	122	108	7.092	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	34591	9.658	ng	# 21
57) 2,4-Dinitrotoluene	9.822	165	34591	7.486	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	16442	4.234	ng	# 1
77) Benzidine	12.898	184	15227	Below Cal		# 91

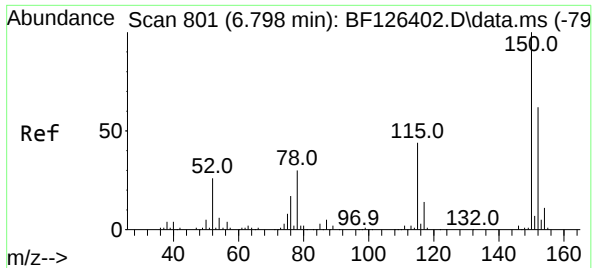
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-1-(9.5-10)

Quant Time: Jan 05 02:00:37 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

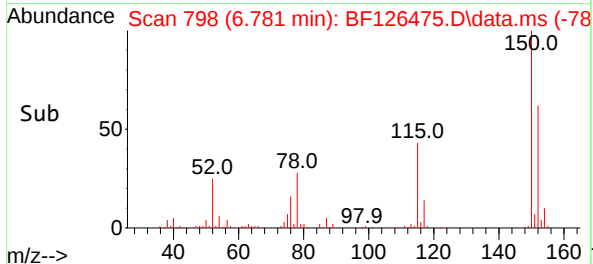
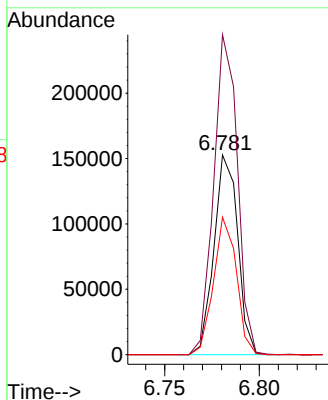
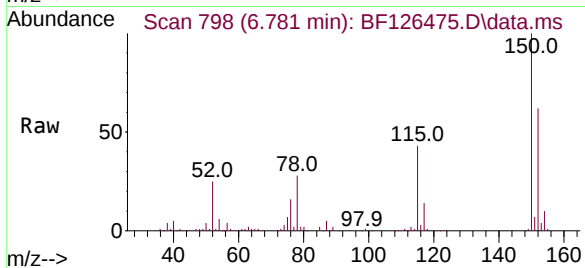




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

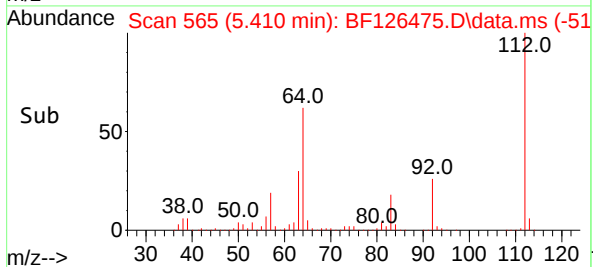
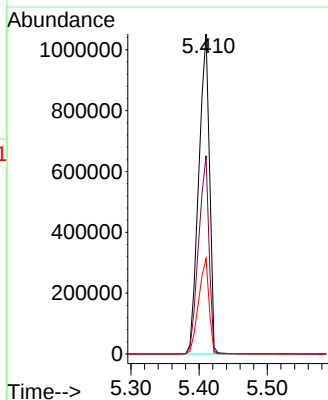
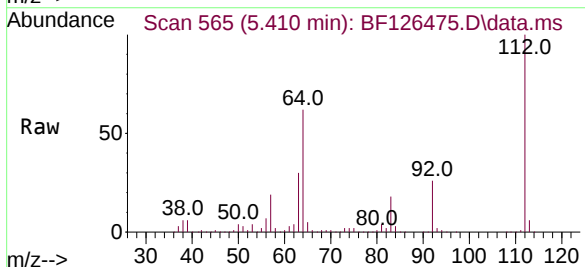
Instrument :
BNA_F
ClientSampleId :
SB-1-(9.5-10)

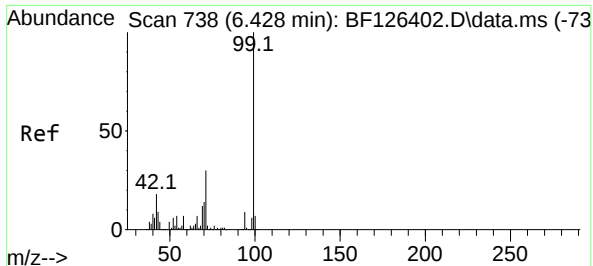
Tgt Ion:152 Resp: 133219
Ion Ratio Lower Upper
152 100
150 160.3 128.1 192.1
115 68.8 56.7 85.1



#5
2-Fluorophenol
Concen: 124.799 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.018 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

Tgt Ion:112 Resp: 1157719
Ion Ratio Lower Upper
112 100
64 62.0 49.5 74.3
63 29.8 23.9 35.9



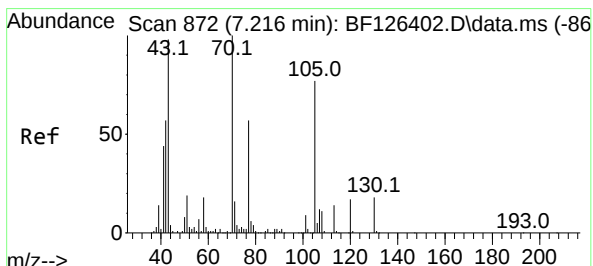
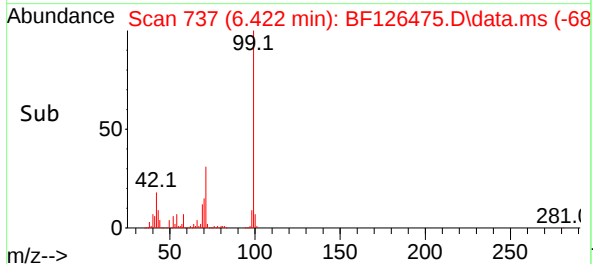
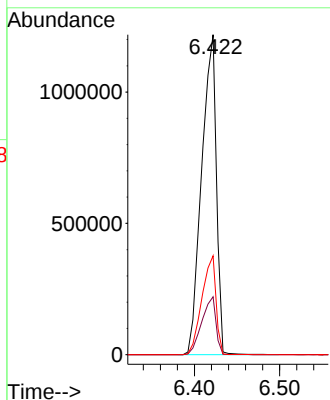
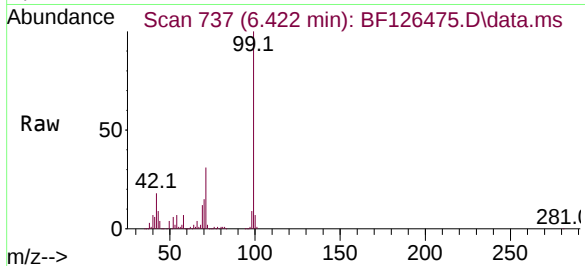


#7
Phenol-d6
Concen: 121.727 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

Instrument :
BNA_F
ClientSampleId :
SB-1-(9.5-10)

Tgt Ion: 99 Resp: 1462586

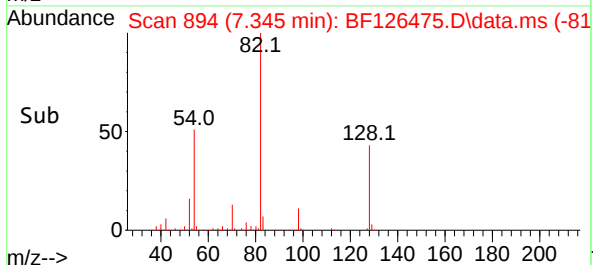
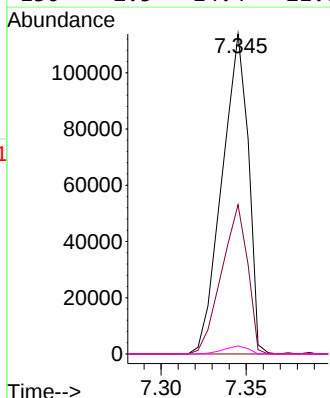
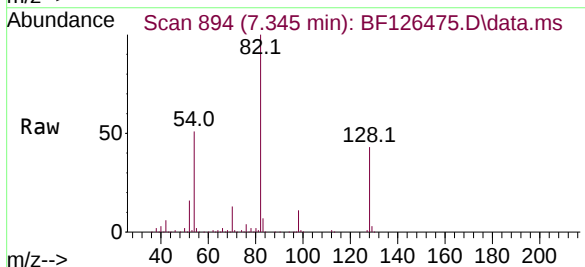
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.2	21.4
71	30.9	24.3	36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.839 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

Tgt Ion: 70 Resp: 122310

Ion	Ratio	Lower	Upper
70	100		
42	46.7	45.8	68.8
101	0.0	6.9	10.3#
130	2.5	14.4	21.6#



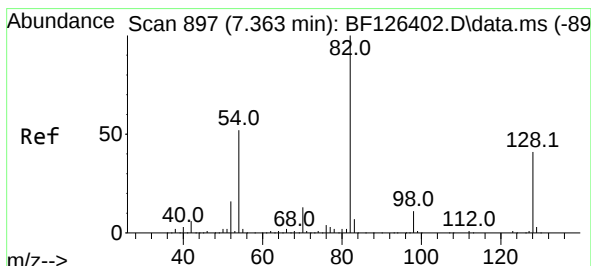
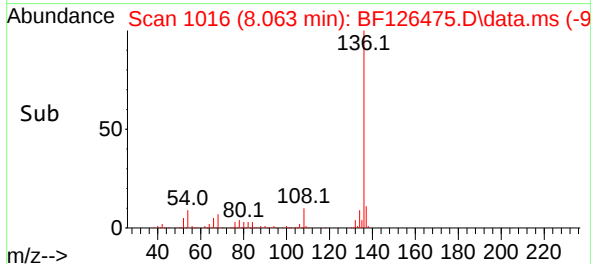
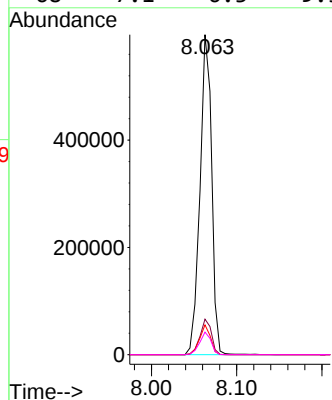
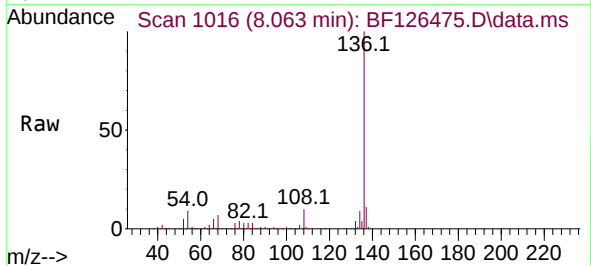


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

Instrument :
BNA_F
ClientSampleId :
SB-1-(9.5-10)

Tgt Ion:136 Resp: 569331

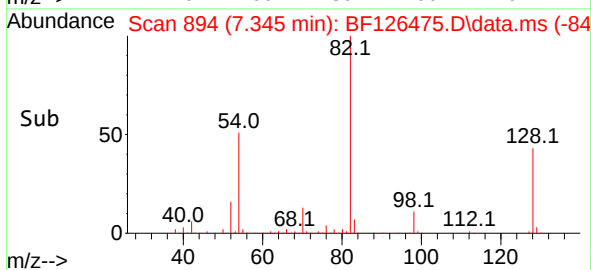
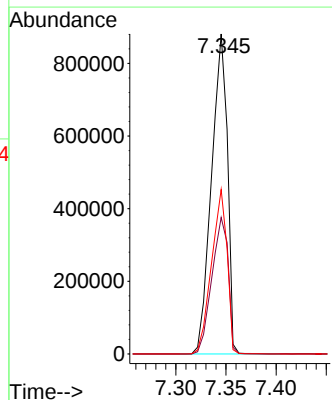
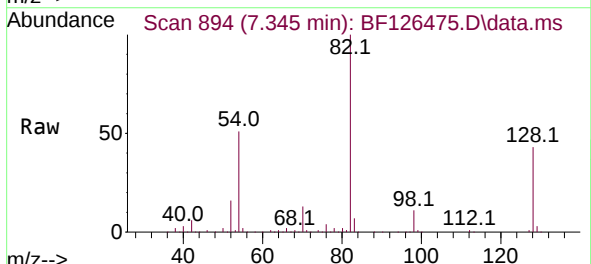
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.3	7.8	11.6
68	7.1	6.3	9.5



#23
Nitrobenzene-d5
Concen: 87.603 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

Tgt Ion: 82 Resp: 971349

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.7	49.1
54	51.4	41.7	62.5

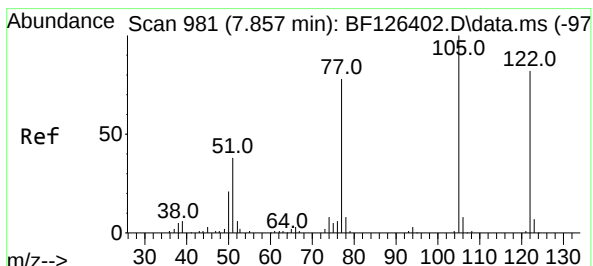
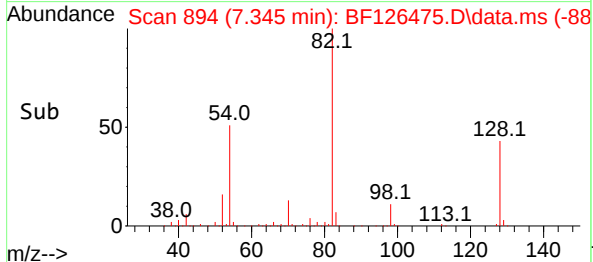
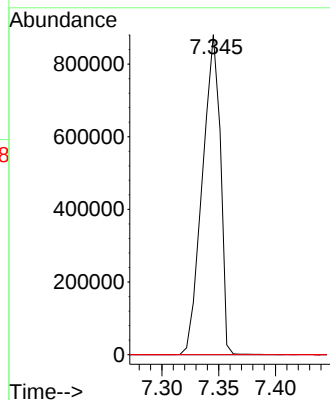
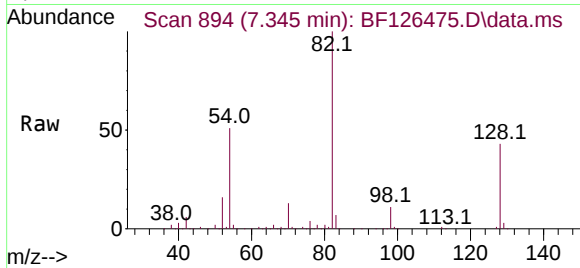




#25
Isophorone
Concen: 48.932 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

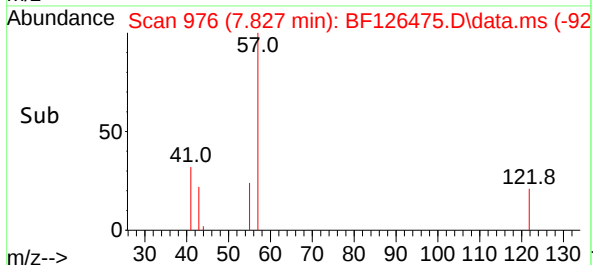
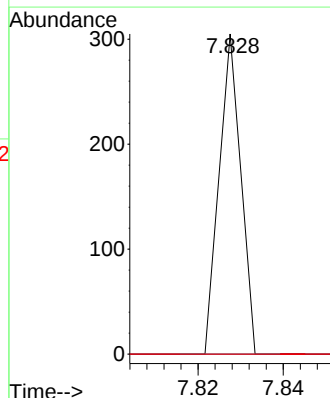
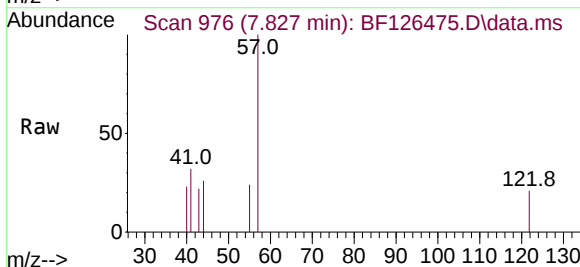
Instrument :
BNA_F
Client SampleId :
SB-1-(9.5-10)

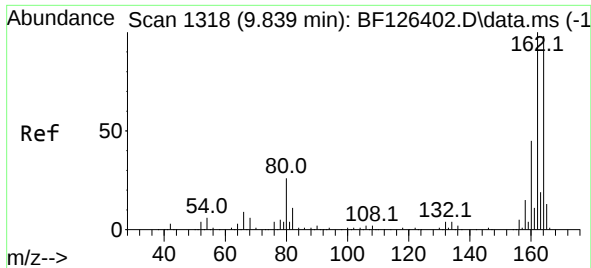
Tgt Ion: 82 Resp: 971264
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.092 ng
RT: 7.827 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

Tgt Ion: 122 Resp: 108
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 0.0 74.5 114.5#

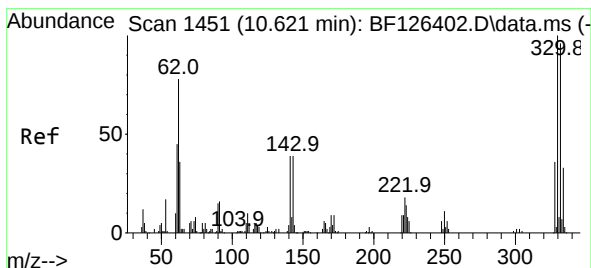
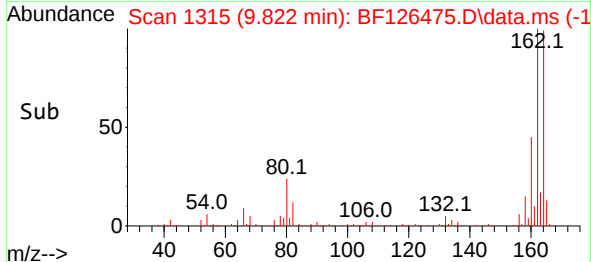
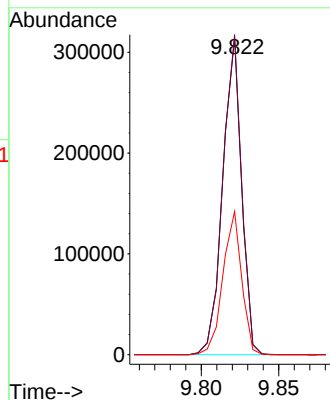
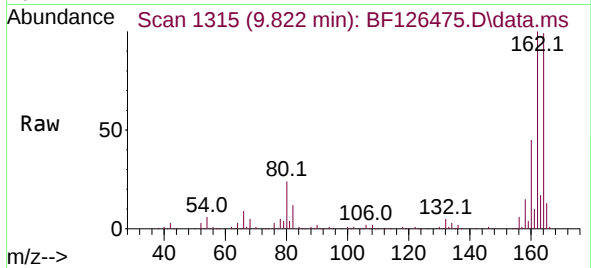




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

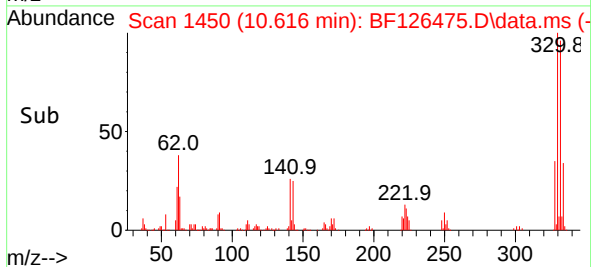
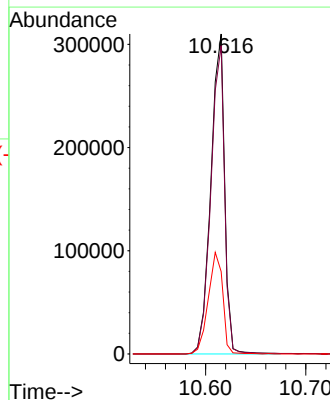
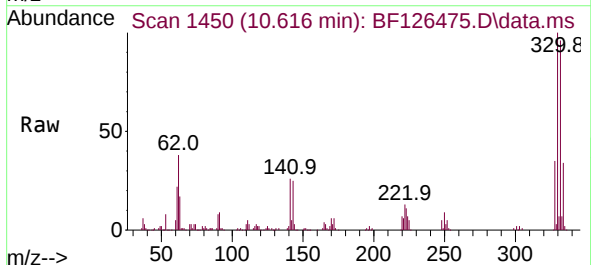
Instrument :
BNA_F
ClientSampleId :
SB-1-(9.5-10)

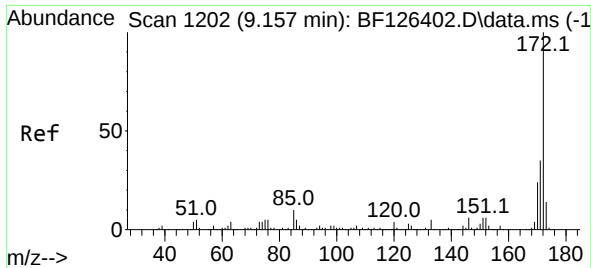
Tgt Ion:164 Resp: 265650
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 45.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 144.691 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

Tgt Ion:330 Resp: 297021
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 33.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 87.188 ng

RT: 9.145 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF126475.D

Acq: 4 Jan 2022 19:03

Instrument :

BNA_F

ClientSampleId :

SB-1-(9.5-10)

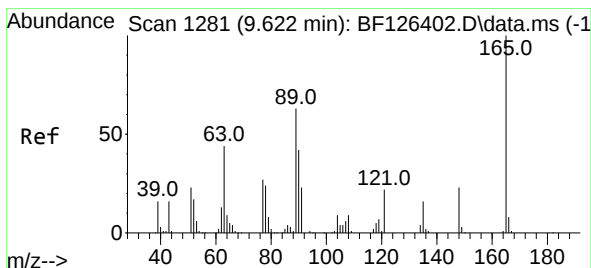
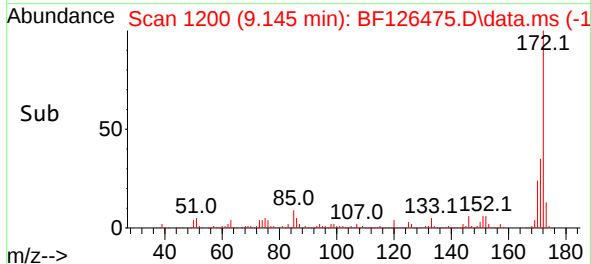
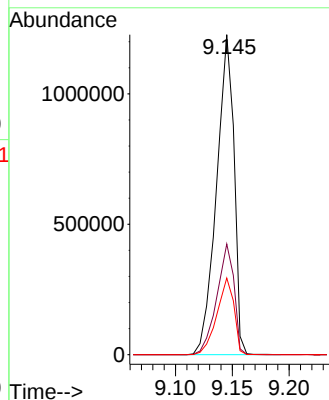
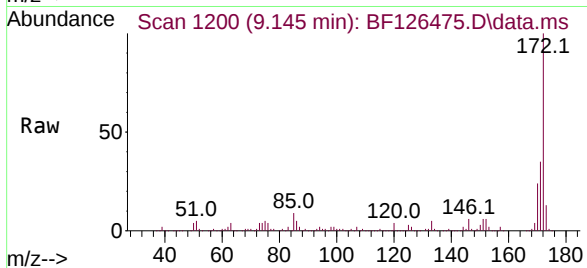
Tgt Ion:172 Resp: 1316197

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.658 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.212 min

Lab File: BF126475.D

Acq: 4 Jan 2022 19:03

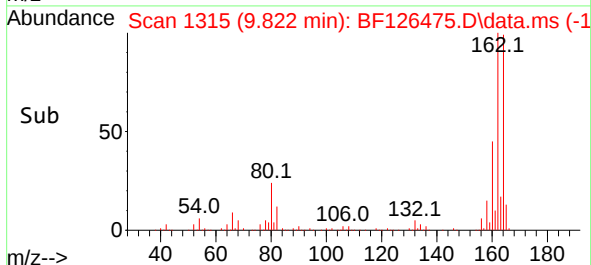
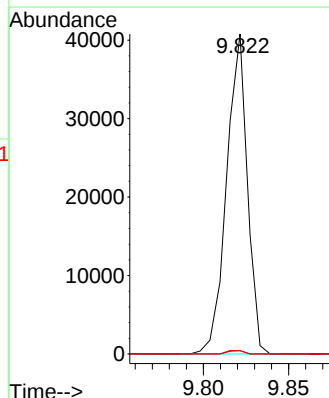
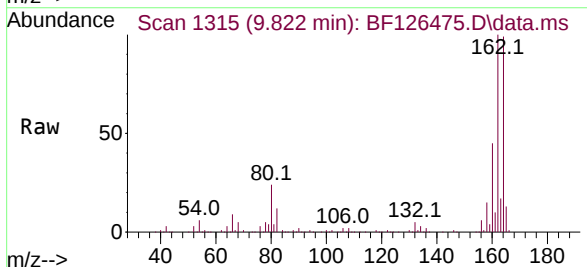
Tgt Ion:165 Resp: 34591

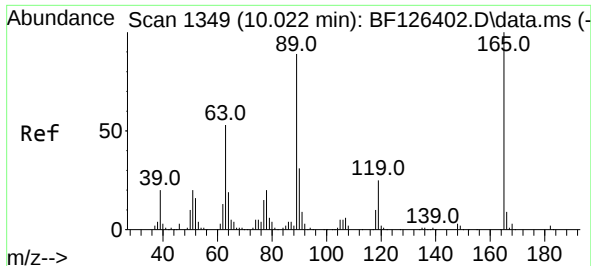
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.0 50.5 75.7#

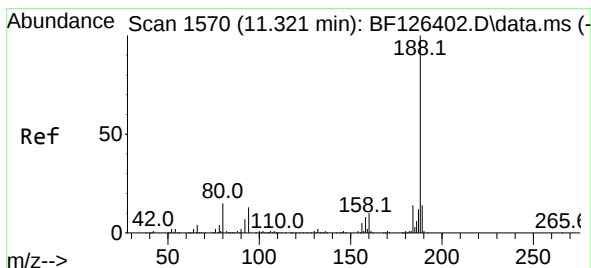
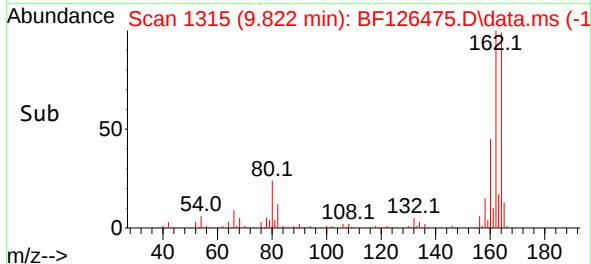
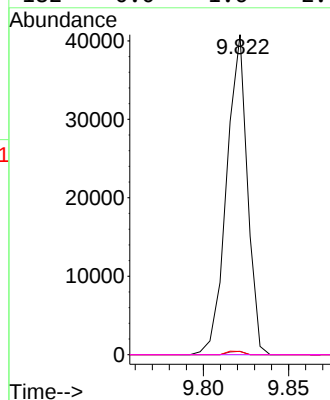
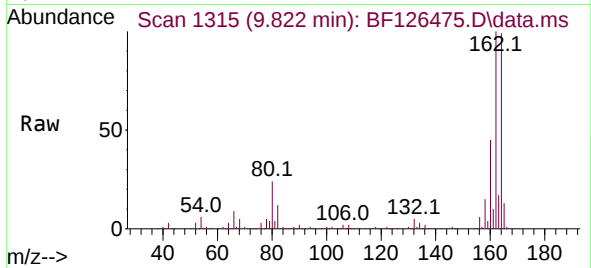




#57
2,4-Dinitrotoluene
Concen: 7.486 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

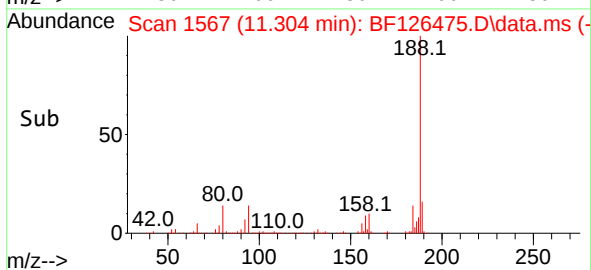
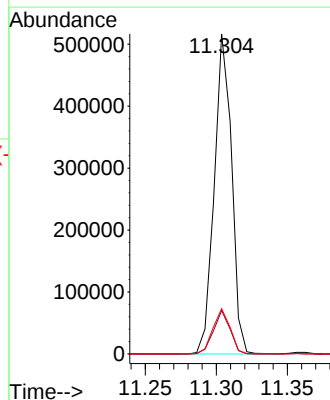
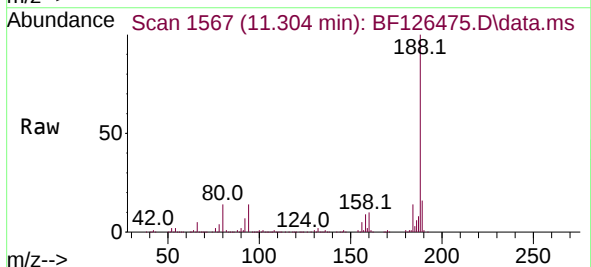
Instrument :
BNA_F
ClientSampleId :
SB-1-(9.5-10)

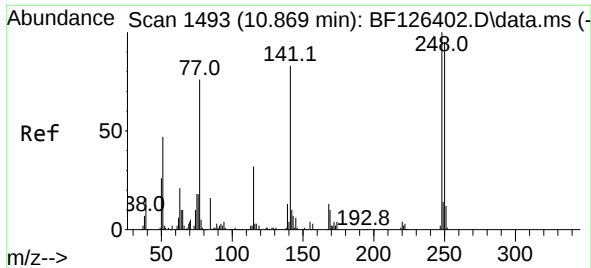
Tgt Ion:165 Resp: 34591
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

Tgt Ion:188 Resp: 437507
Ion Ratio Lower Upper
188 100
94 13.5 10.1 15.1
80 14.2 11.8 17.6

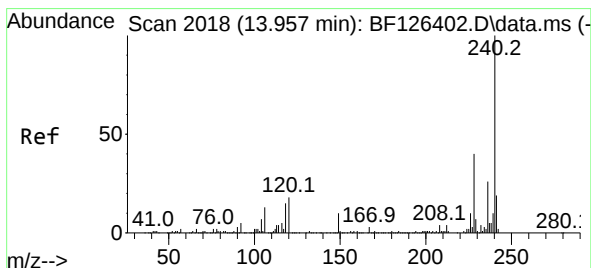
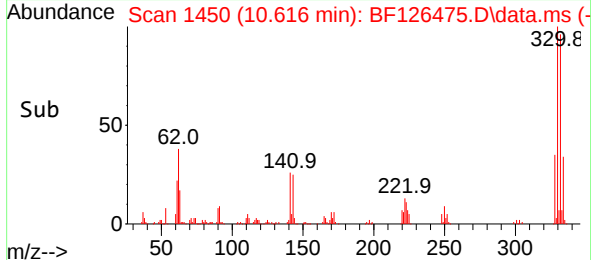
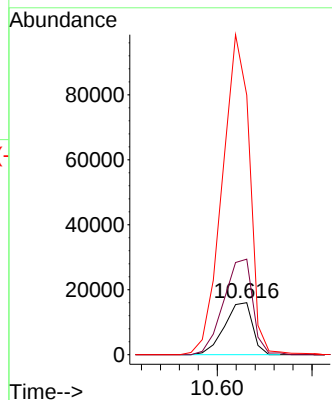
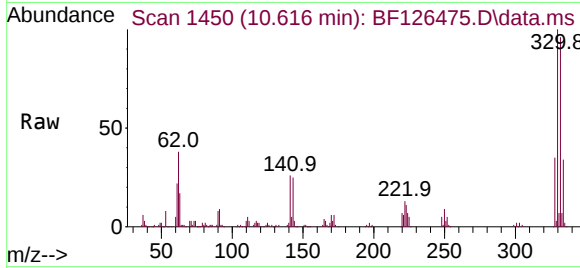




#67
4-Bromophenyl-phenylether
Concen: 4.234 ng
RT: 10.616 min Scan# 1493
Delta R.T. -0.241 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

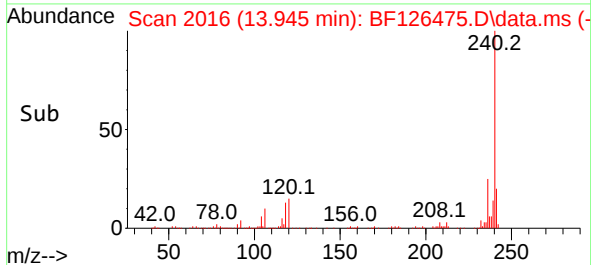
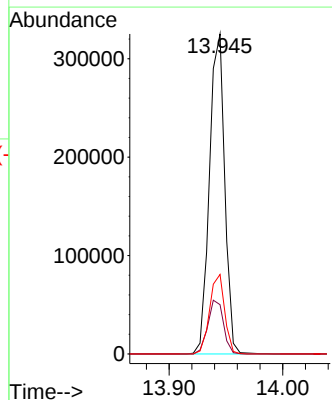
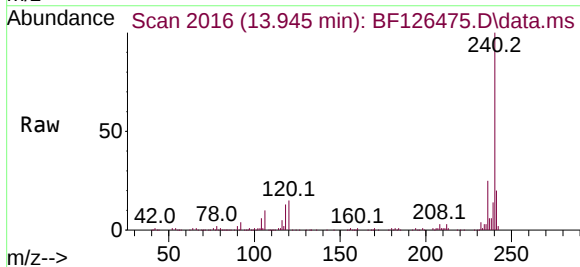
Instrument :
BNA_F
ClientSampleId :
SB-1-(9.5-10)

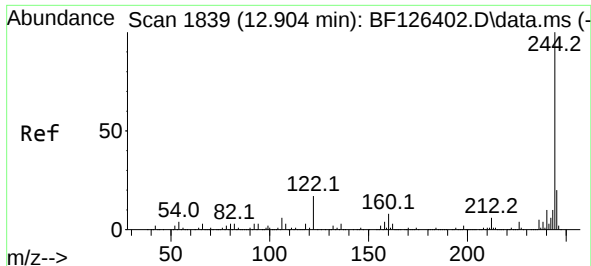
Tgt Ion:248 Resp: 16442
Ion Ratio Lower Upper
248 100
250 183.5 76.2 114.4#
141 498.6 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126475.D
Acq: 4 Jan 2022 19:03

Tgt Ion:240 Resp: 303230
Ion Ratio Lower Upper
240 100
120 15.4 14.4 21.6
236 24.9 20.5 30.7

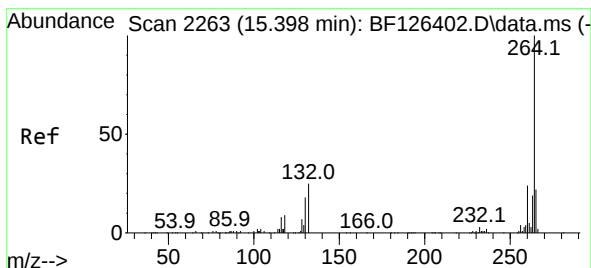
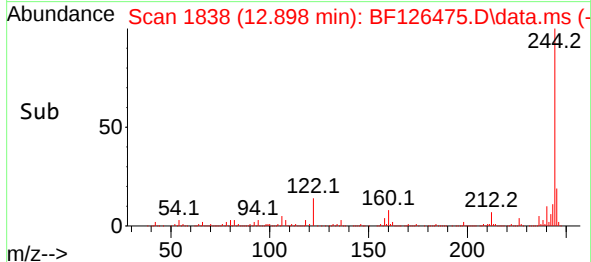
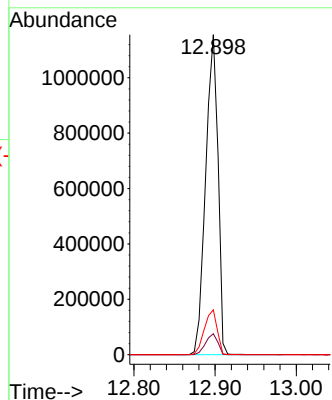
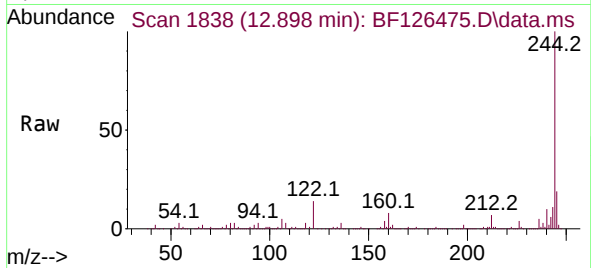




#79
 Terphenyl-d14
 Concen: 77.820 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF126475.D
 Acq: 4 Jan 2022 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(9.5-10)

Tgt Ion:244 Resp: 1214514
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 14.0 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126475.D
 Acq: 4 Jan 2022 19:03

Tgt Ion:264 Resp: 239182
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.8 17.4 26.2

