

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126426.D
 Acq On : 30 Dec 2021 18:52
 Operator : JU/CG
 Sample : M5241-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2D

Quant Time: Dec 31 00:37:44 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)

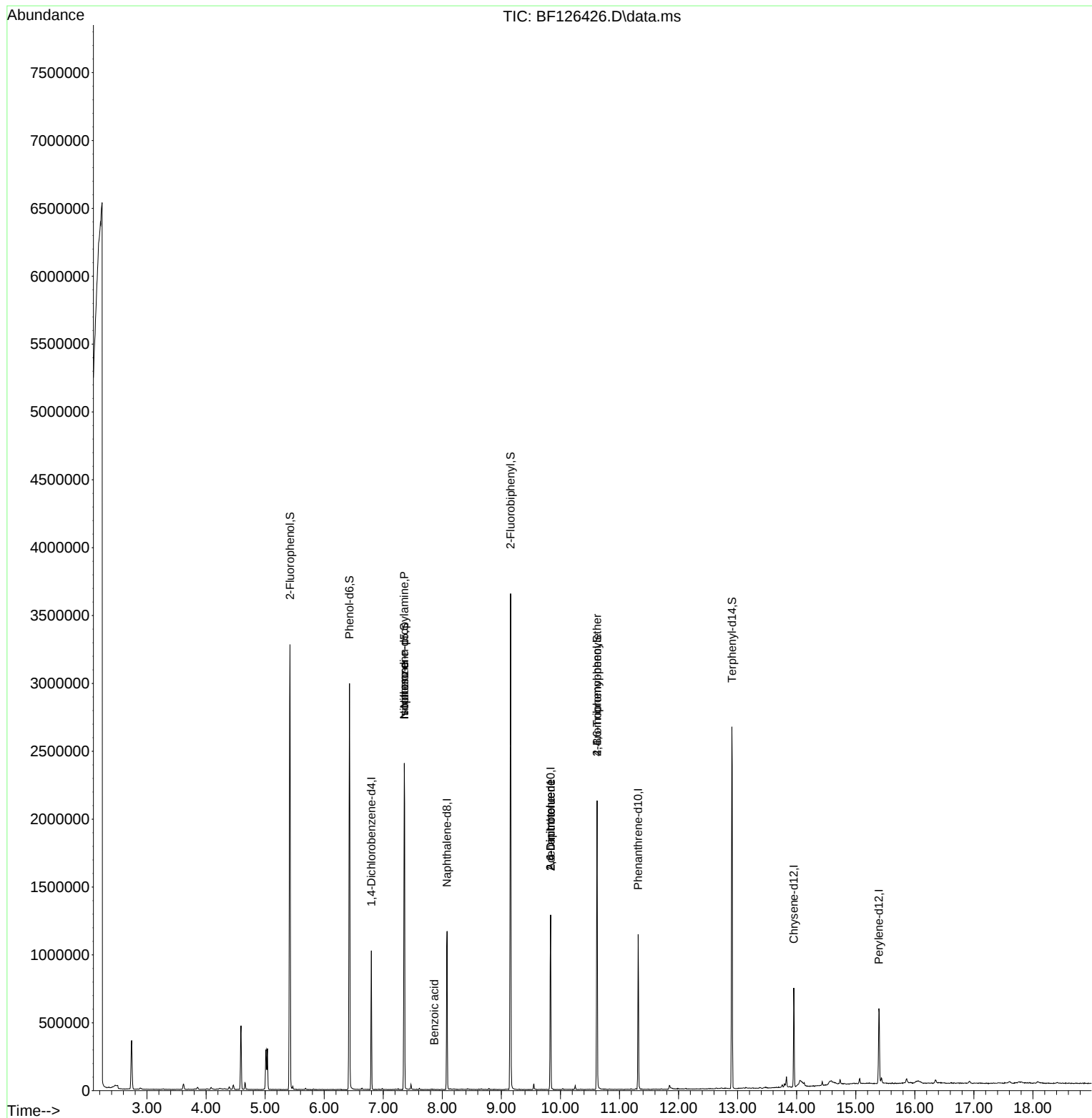
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	129244	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	527430	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	245111	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	361713	20.000	ng	0.00
76) Chrysene-d12	13.951	240	223378	20.000	ng	0.00
86) Perylene-d12	15.392	264	227640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	986502	109.613	ng	0.02
7) Phenol-d6	6.428	99	1143894	98.131	ng	0.00
23) Nitrobenzene-d5	7.357	82	880017	85.671	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	247662	130.756	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1161553	83.391	ng	0.00
79) Terphenyl-d14	12.904	244	923274	80.306	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	112781	16.955	ng	# 80
25) Isophorone	7.357	82	876211	47.650	ng	# 69
32) Benzoic acid	7.863	122	135	7.098	ng	# 35
51) 2,6-Dinitrotoluene	9.833	165	31533	9.542	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	31533	7.396	ng	# 15
67) 4-Bromophenyl-phenylether	10.621	248	13397	4.173	ng	# 1
77) Benzidine	12.904	184	12023	Below Cal		# 96

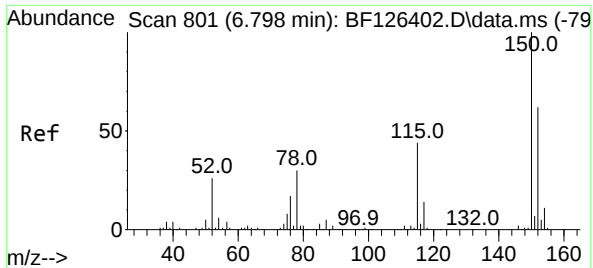
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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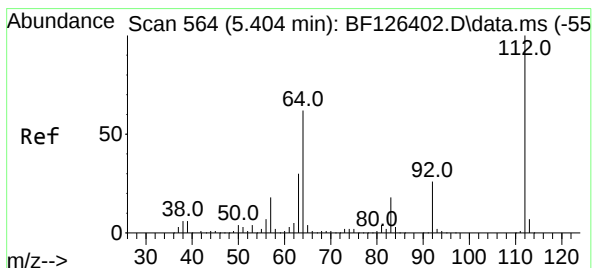
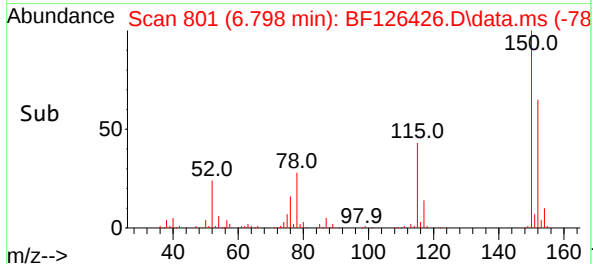
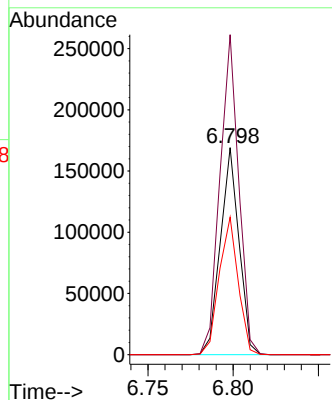
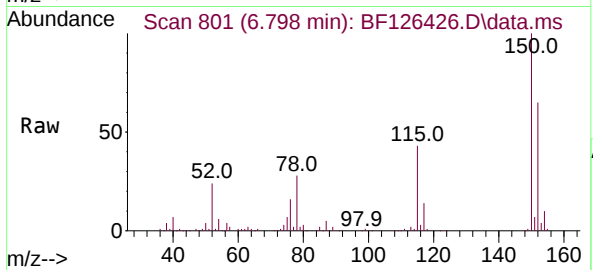




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

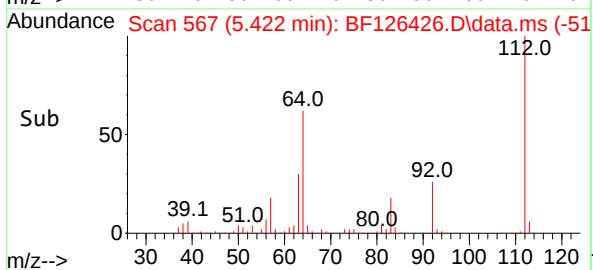
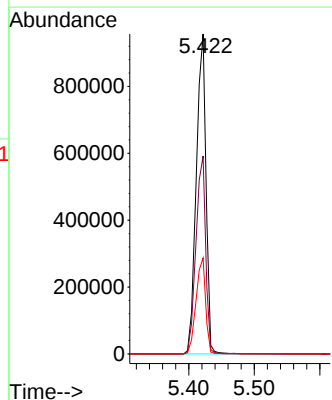
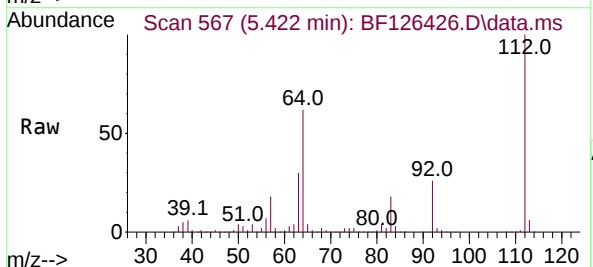
Instrument :
BNA_F
ClientSampleId :
TP-2D

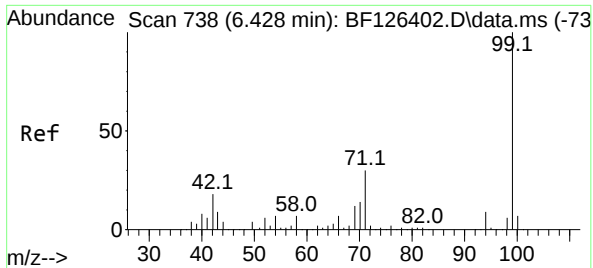
Tgt Ion:152 Resp: 129244
Ion Ratio Lower Upper
152 100
150 154.5 128.1 192.1
115 66.4 56.7 85.1



#5
2-Fluorophenol
Concen: 109.613 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

Tgt Ion:112 Resp: 986502
Ion Ratio Lower Upper
112 100
64 61.9 49.5 74.3
63 30.0 23.9 35.9

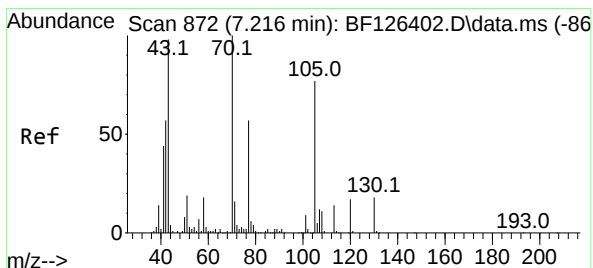
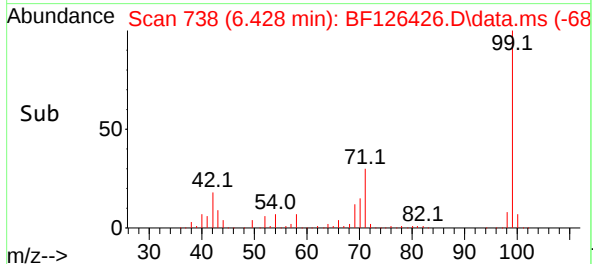
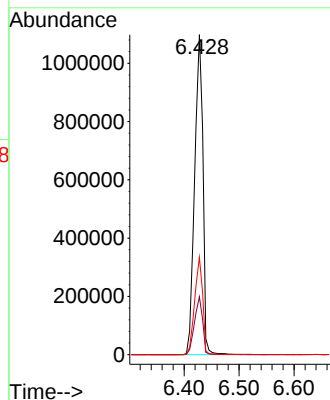
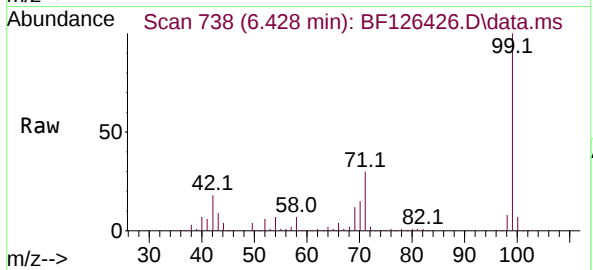




#7
Phenol-d6
Concen: 98.131 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

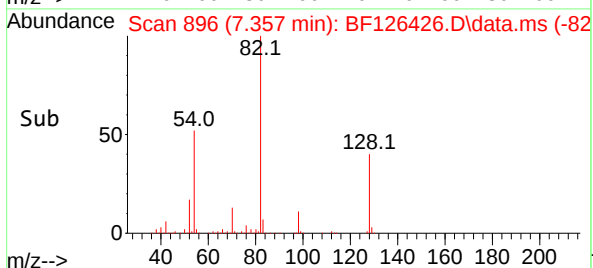
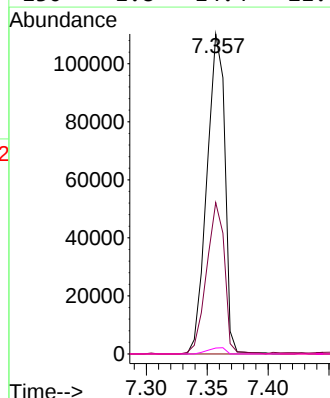
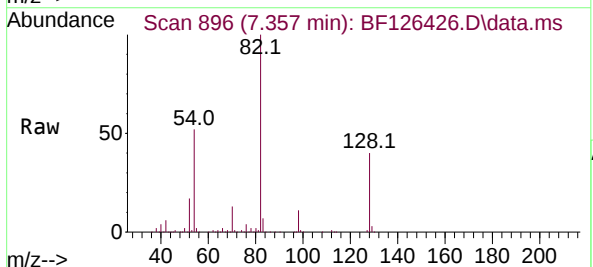
Instrument :
BNA_F
ClientSampleId :
TP-2D

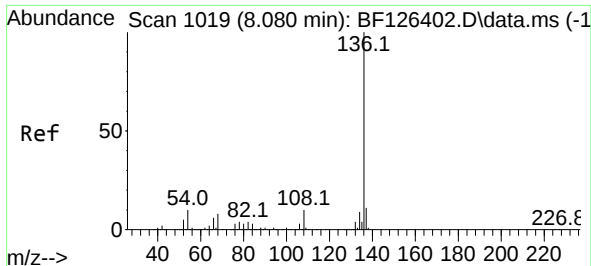
Tgt Ion: 99 Resp: 1143894
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 30.4 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.955 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

Tgt Ion: 70 Resp: 112781
Ion Ratio Lower Upper
70 100
42 47.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#



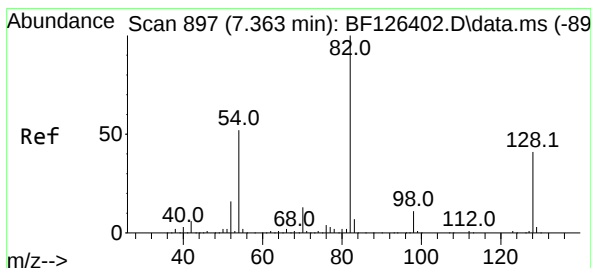
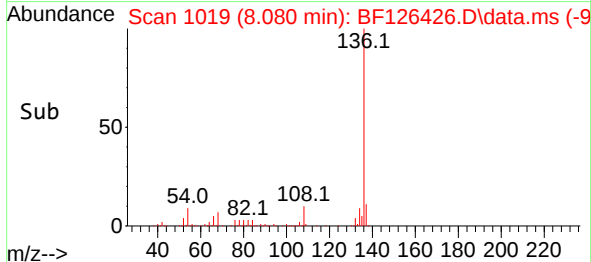
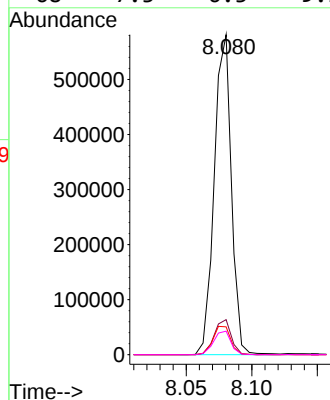
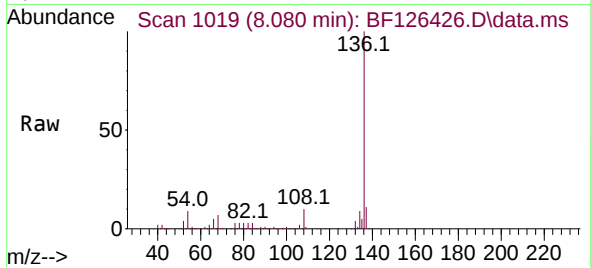


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

Instrument :
BNA_F
ClientSampleId :
TP-2D

Tgt Ion:136 Resp: 527430

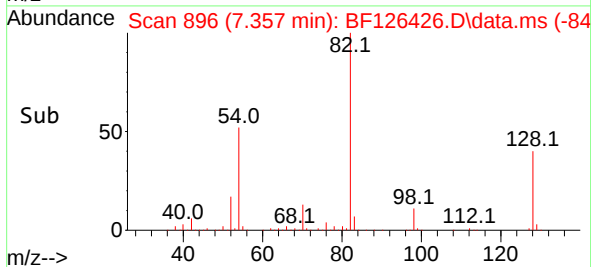
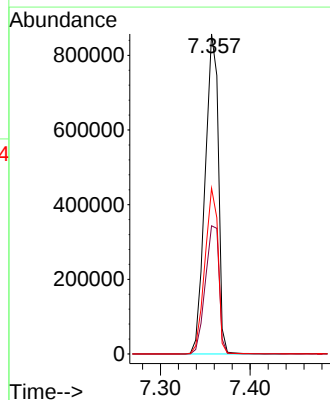
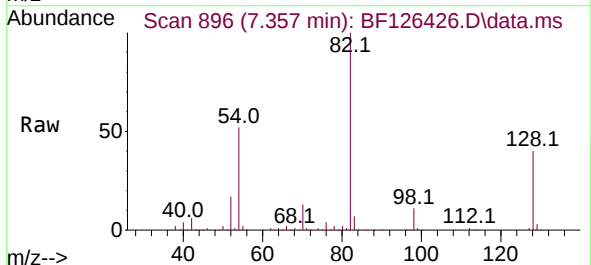
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	7.8	11.6
68	7.3	6.3	9.5

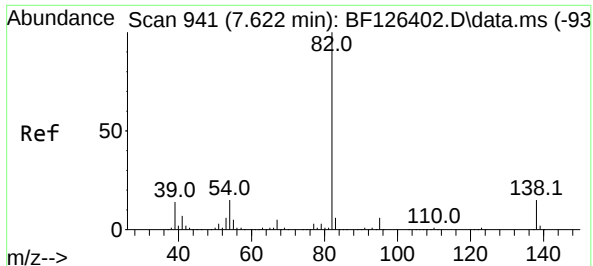


#23
Nitrobenzene-d5
Concen: 85.671 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

Tgt Ion: 82 Resp: 880017

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.7	49.1
54	51.8	41.7	62.5

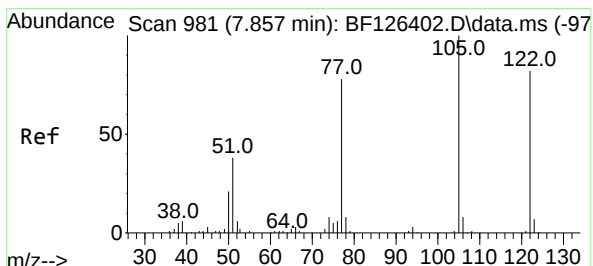
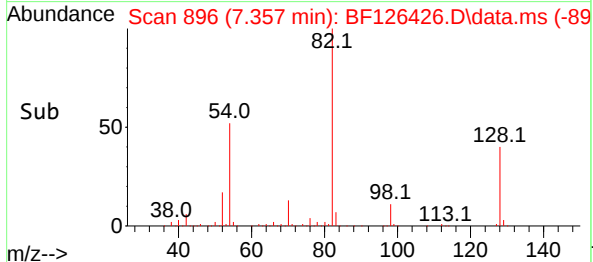
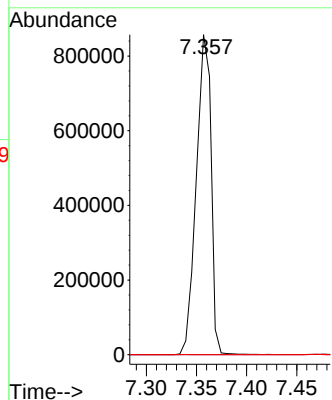
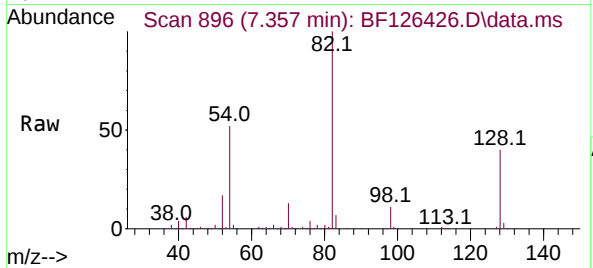




#25
Isophorone
Concen: 47.650 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

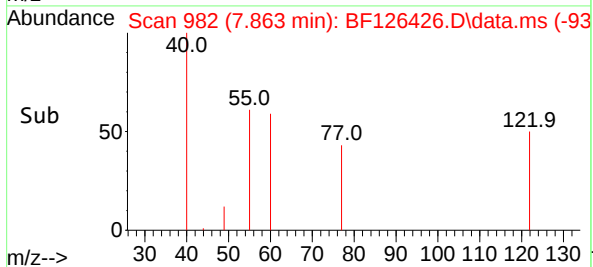
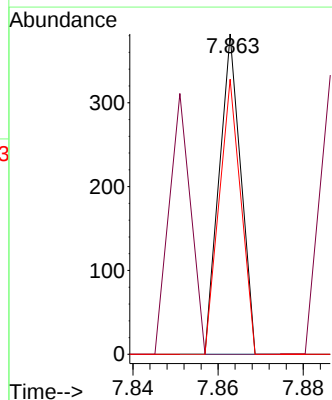
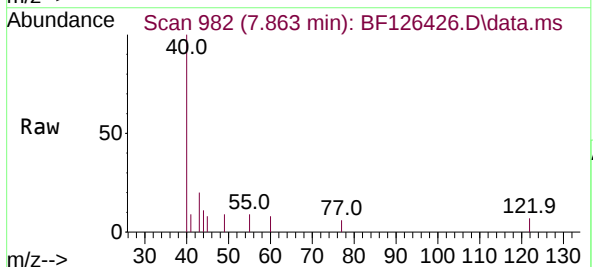
Instrument :
BNA_F
ClientSampleId :
TP-2D

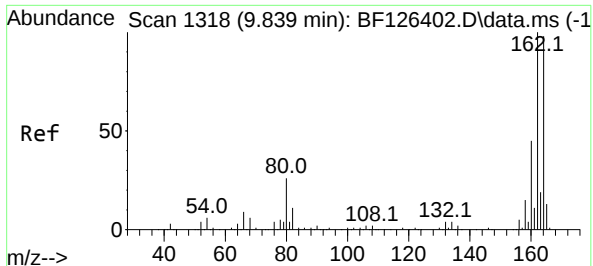
Tgt Ion: 82 Resp: 876211
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.098 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

Tgt Ion: 122 Resp: 135
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 85.9 74.5 114.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126426.D

Acq: 30 Dec 2021 18:52

Instrument :

BNA_F

ClientSampleId :

TP-2D

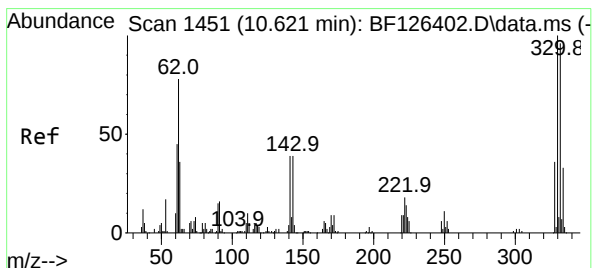
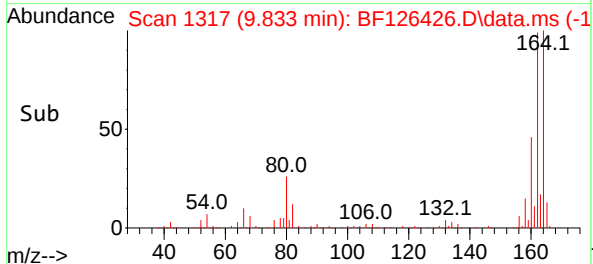
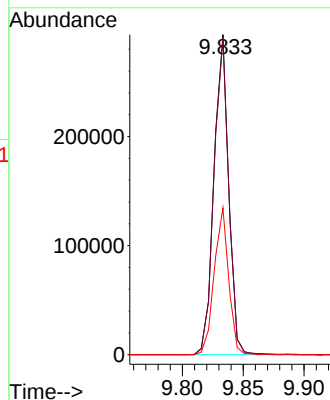
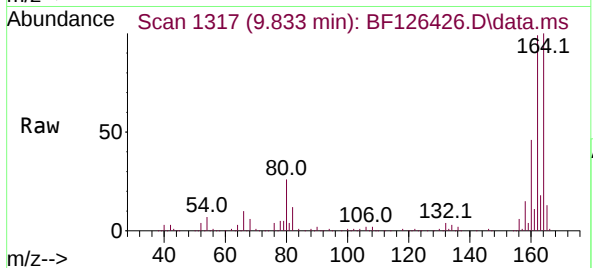
Tgt Ion:164 Resp: 245111

Ion Ratio Lower Upper

164 100

162 98.7 81.4 122.0

160 45.9 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 130.756 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF126426.D

Acq: 30 Dec 2021 18:52

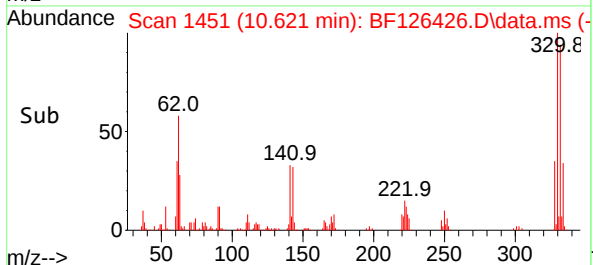
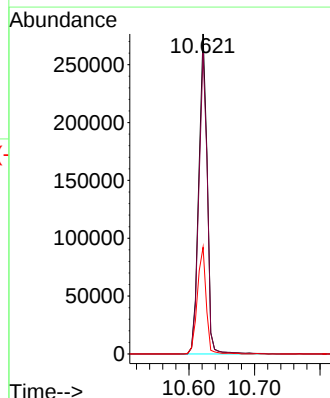
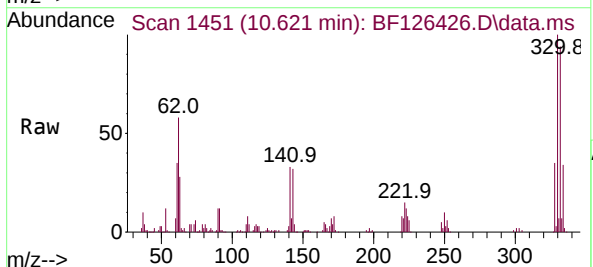
Tgt Ion:330 Resp: 247662

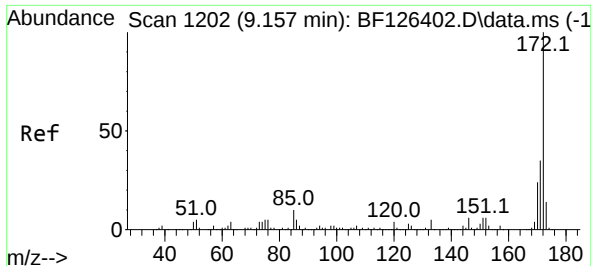
Ion Ratio Lower Upper

330 100

332 94.9 76.0 114.0

141 34.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 83.391 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126426.D

Acq: 30 Dec 2021 18:52

Instrument :

BNA_F

ClientSampleId :

TP-2D

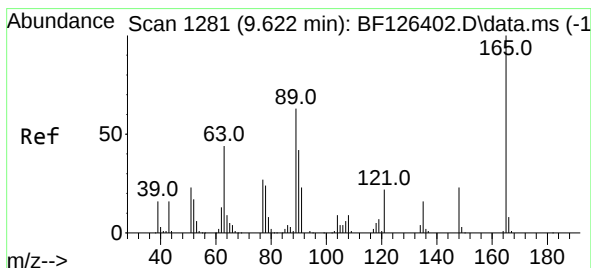
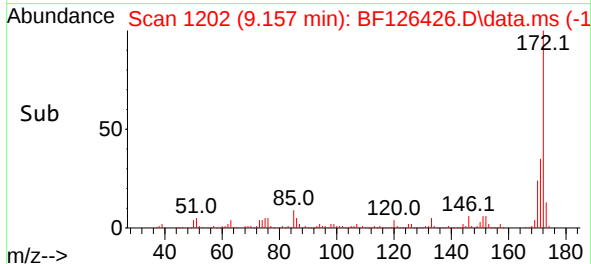
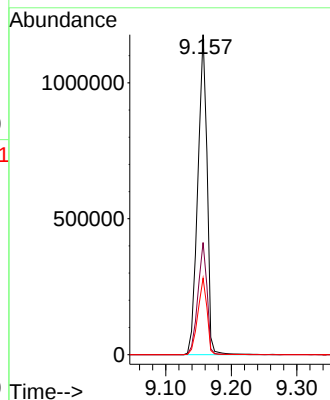
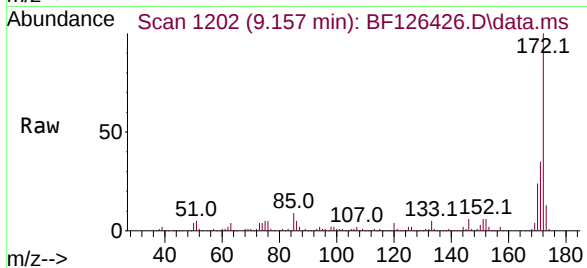
Tgt Ion:172 Resp: 1161553

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.9 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.542 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.212 min

Lab File: BF126426.D

Acq: 30 Dec 2021 18:52

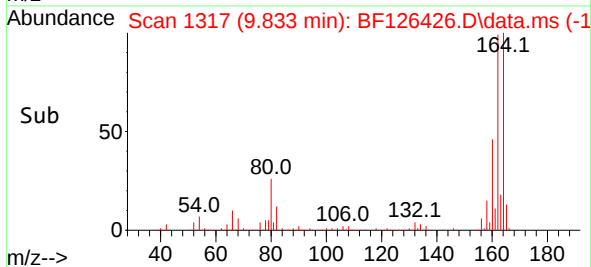
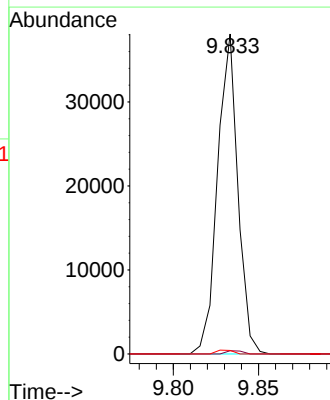
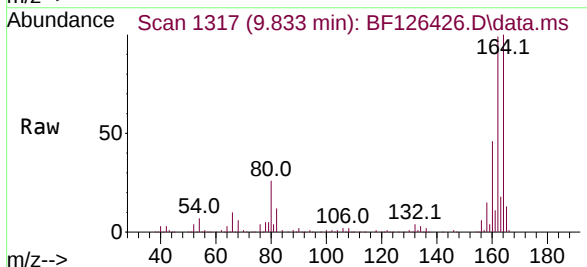
Tgt Ion:165 Resp: 31533

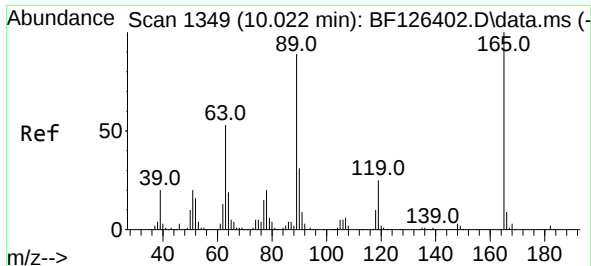
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.1 50.5 75.7#

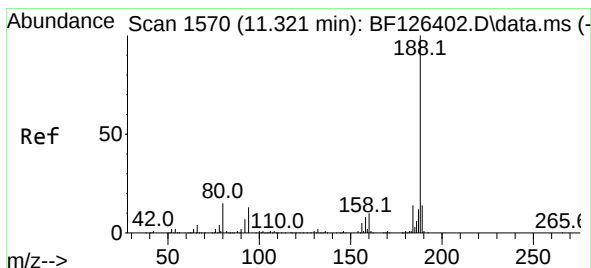
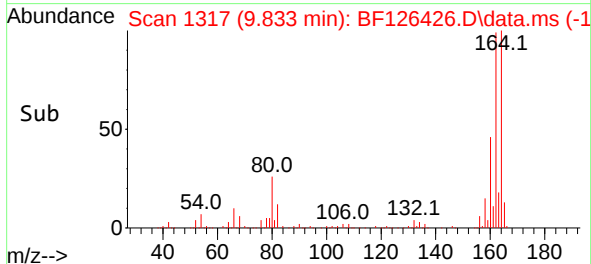
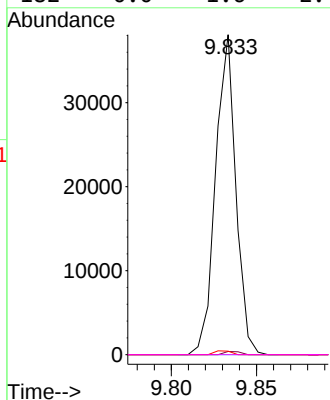
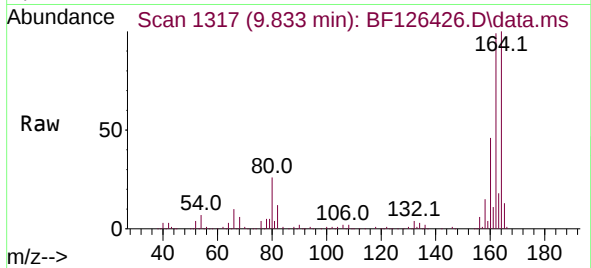




#57
2,4-Dinitrotoluene
Concen: 7.396 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

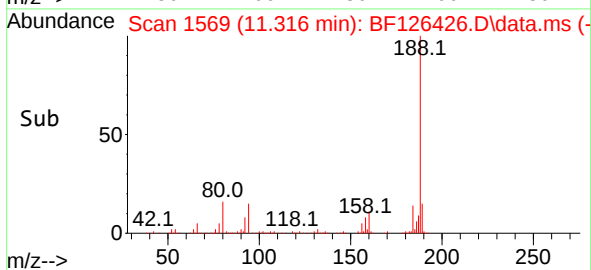
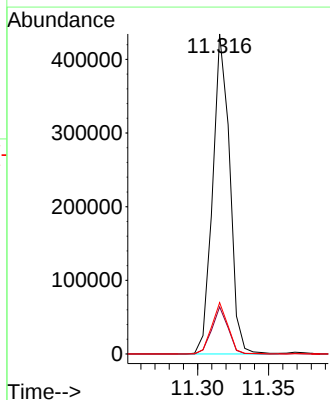
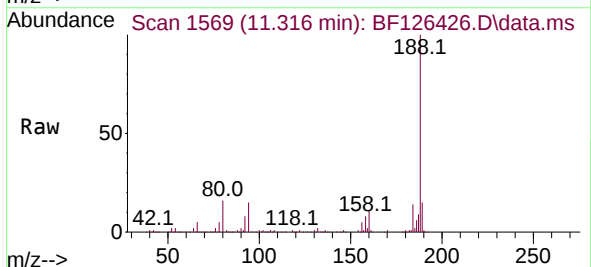
Instrument :
BNA_F
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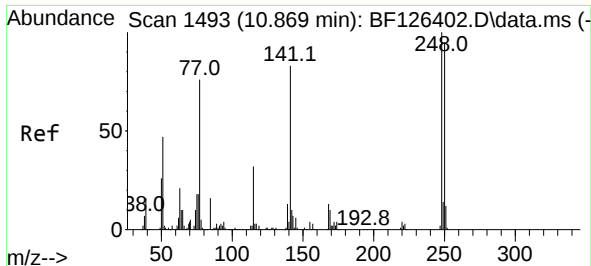
Tgt Ion:165 Resp: 31533
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

Tgt Ion:188 Resp: 361713
Ion Ratio Lower Upper
188 100
94 14.7 10.1 15.1
80 16.0 11.8 17.6

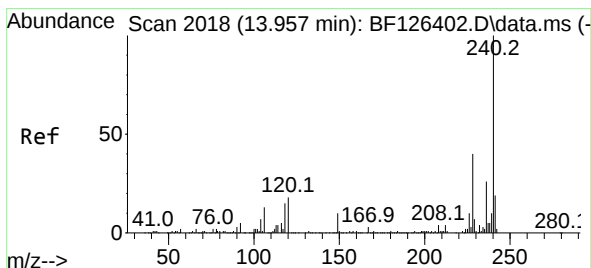
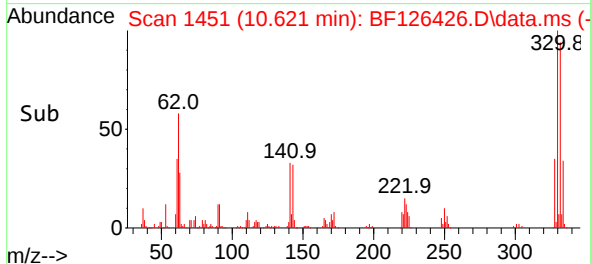
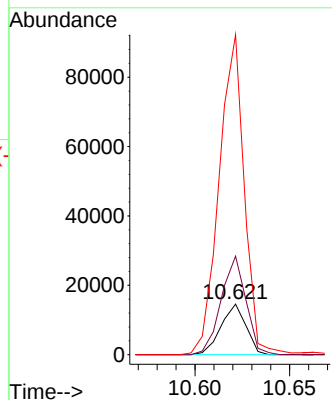
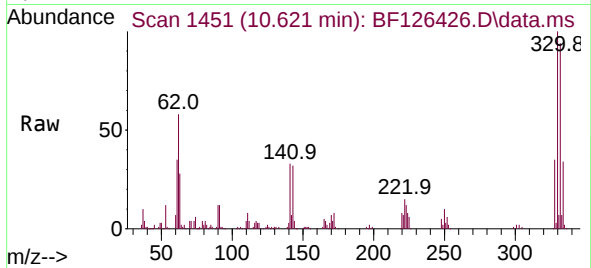




#67
4-Bromophenyl-phenylether
Concen: 4.173 ng
RT: 10.621 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

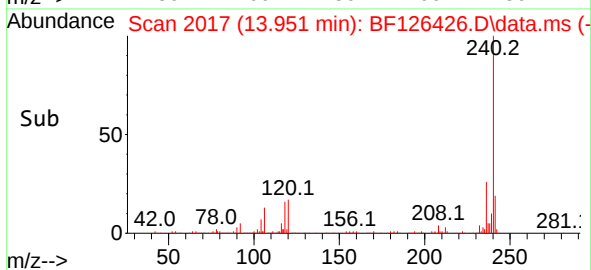
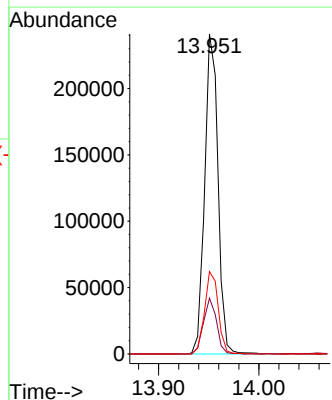
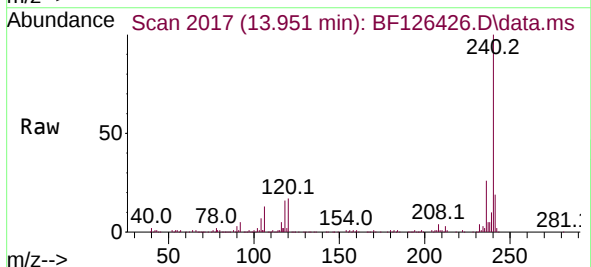
Instrument :
BNA_F
ClientSampleId :
TP-2D

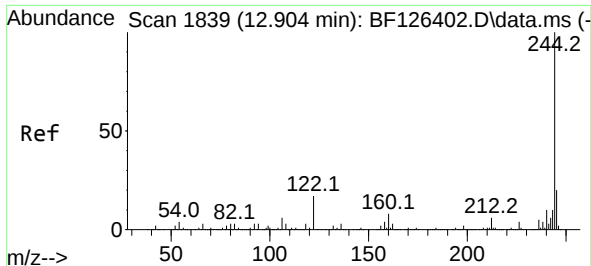
Tgt Ion:248 Resp: 13397
Ion Ratio Lower Upper
248 100
250 195.2 76.2 114.4#
141 633.4 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

Tgt Ion:240 Resp: 223378
Ion Ratio Lower Upper
240 100
120 17.5 14.4 21.6
236 25.7 20.5 30.7

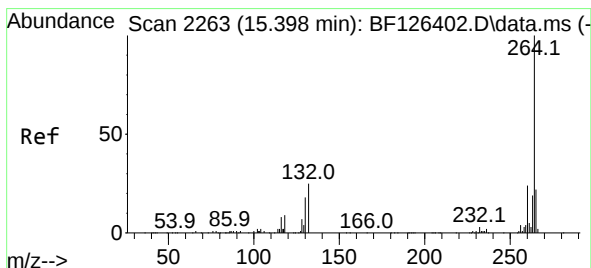
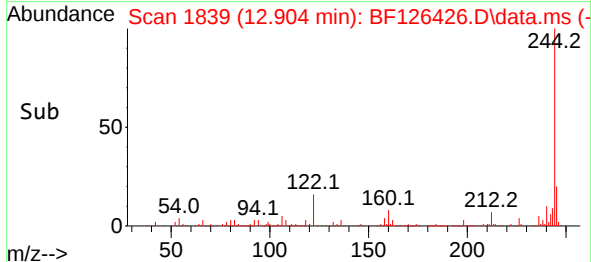
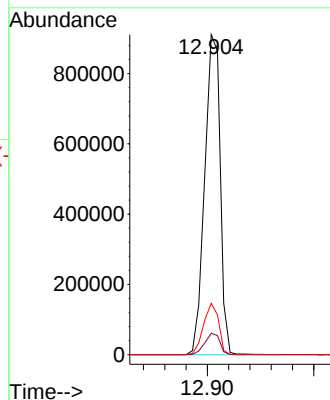
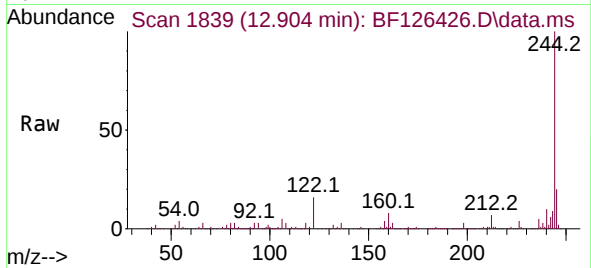




#79
 Terphenyl-d14
 Concen: 80.306 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF126426.D
 Acq: 30 Dec 2021 18:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-2D

Tgt Ion:244 Resp: 923274
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 16.1 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. -0.006 min
 Lab File: BF126426.D
 Acq: 30 Dec 2021 18:52

Tgt Ion:264 Resp: 227640
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.7 17.4 26.2

