

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126427.D
 Acq On : 30 Dec 2021 19:24
 Operator : JU/CG
 Sample : M5244-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:37:53 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)

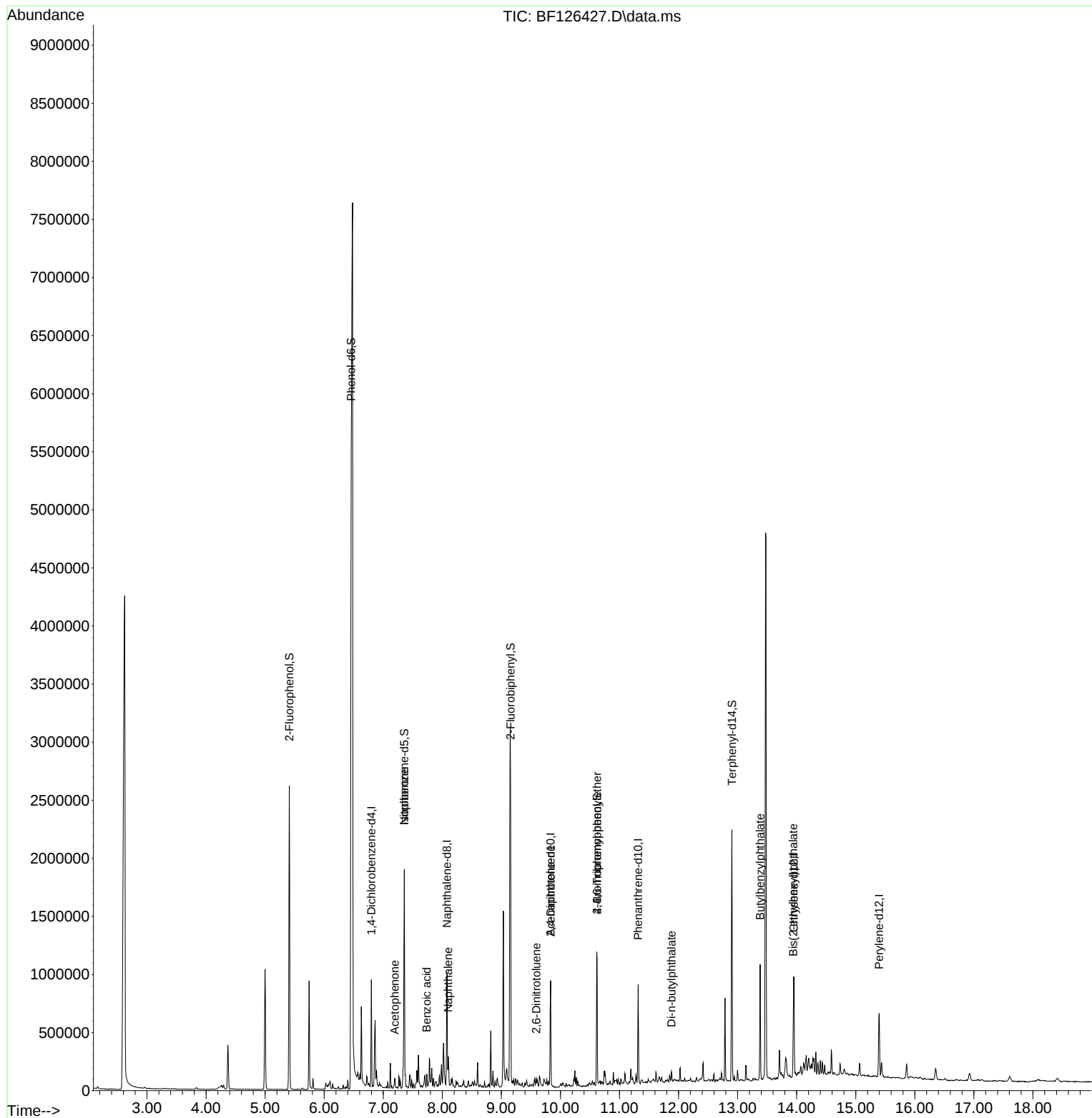
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	109777	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	413749	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	169268	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	263409	20.000	ng	0.00
76) Chrysene-d12	13.951	240	240179	20.000	ng	0.00
86) Perylene-d12	15.398	264	231087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	734962	96.145	ng	0.00
7) Phenol-d6	6.457	99	630931	63.724	ng	0.03
23) Nitrobenzene-d5	7.357	82	586371	72.768	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	127839	97.735	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	675599	70.236	ng	0.00
79) Terphenyl-d14	12.904	244	690247	55.838	ng	0.00
Target Compounds						
						Qvalue
22) Acetophenone	7.192	105	27884	2.915	ng	# 57
25) Isophorone	7.357	82	585421	40.584	ng	# 69
31) Naphthalene	8.098	128	49498	2.535	ng	97
32) Benzoic acid	7.734	122	407	7.161	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	5333	2.337	ng	# 29
57) 2,4-Dinitrotoluene	9.833	165	20908	7.101	ng	# 16
67) 4-Bromophenyl-phenylether	10.622	248	7609	3.254	ng	# 1
74) Di-n-butylphthalate	11.880	149	35659	2.374	ng	99
77) Benzidine	12.904	184	9192	Below Cal		96
80) Butylbenzylphthalate	13.380	149	195069	21.688	ng	94
84) Bis(2-ethylhexyl)phtha...	13.945	149	95592	10.255	ng	99

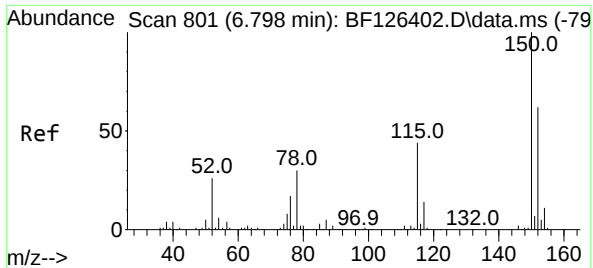
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126427.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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BNA_F
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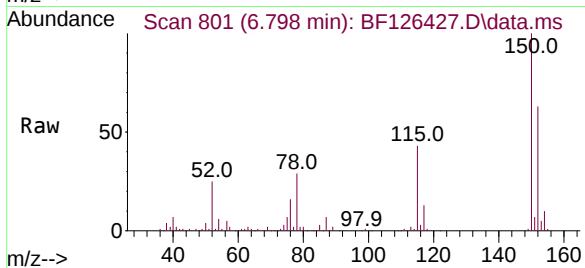
Quant Time: Dec 31 00:37:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
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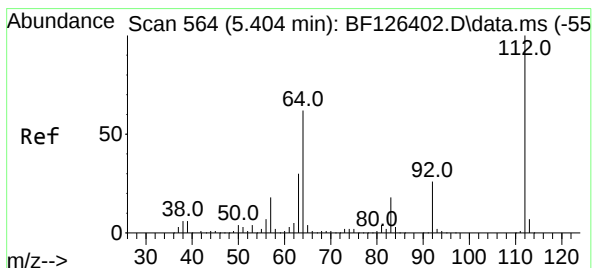
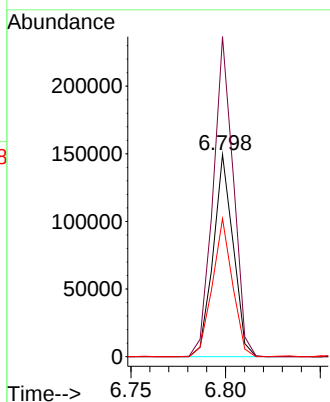
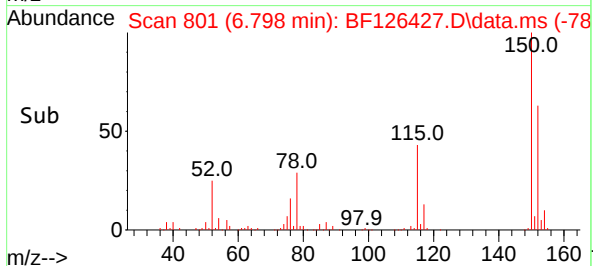


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF126427.D
 Acq: 30 Dec 2021 19:24

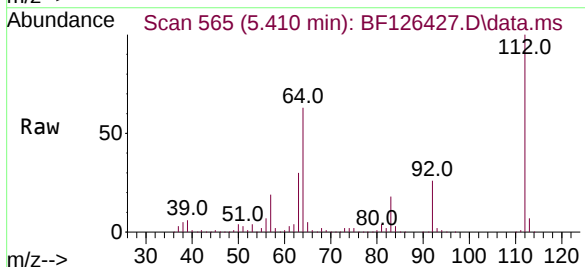
Instrument :
 BNA_F
 ClientSampleId :



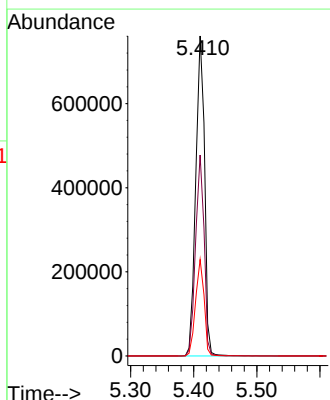
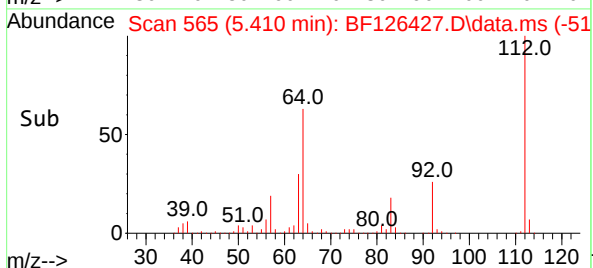
Tgt Ion:152 Resp: 109777
 Ion Ratio Lower Upper
 152 100
 150 158.3 128.1 192.1
 115 68.3 56.7 85.1

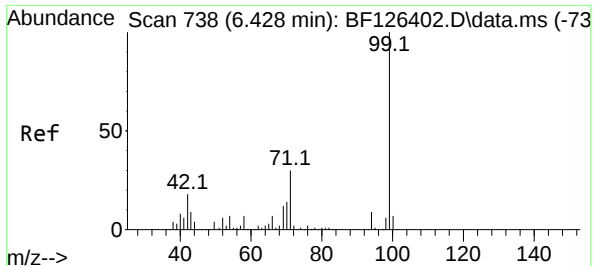


#5
 2-Fluorophenol
 Concen: 96.145 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF126427.D
 Acq: 30 Dec 2021 19:24



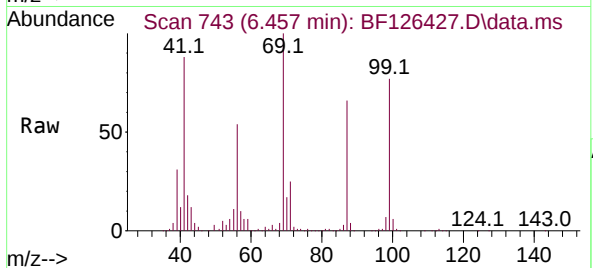
Tgt Ion:112 Resp: 734962
 Ion Ratio Lower Upper
 112 100
 64 62.8 49.5 74.3
 63 30.1 23.9 35.9



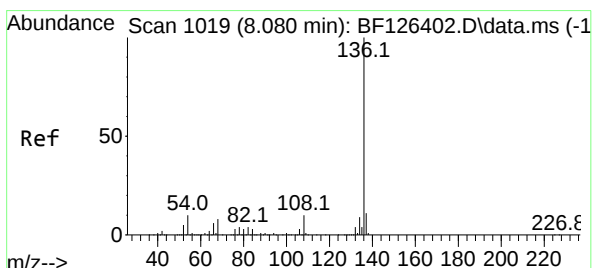
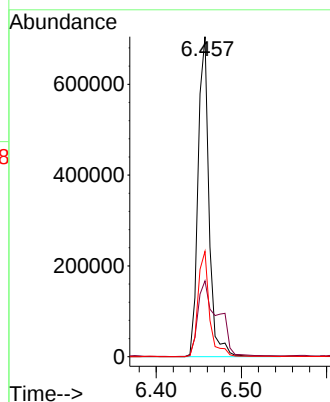
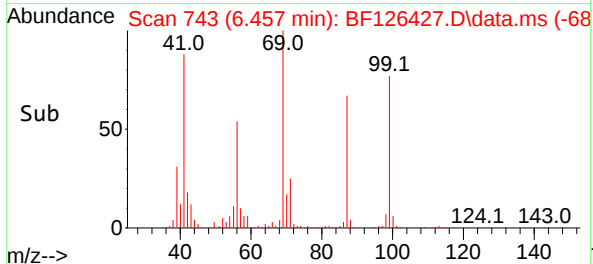


#7
Phenol-d6
Concen: 63.724 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.030 min
Lab File: BF126427.D
Acq: 30 Dec 2021 19:24

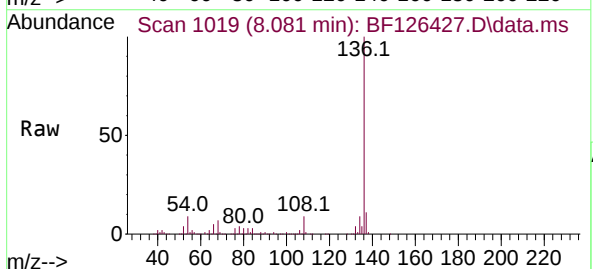
Instrument :
BNA_F
ClientSampleId :



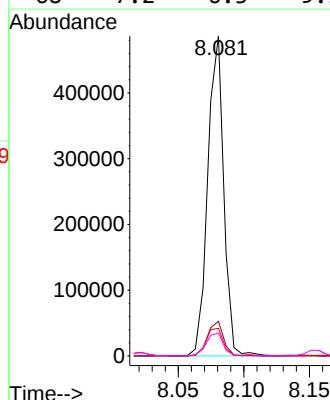
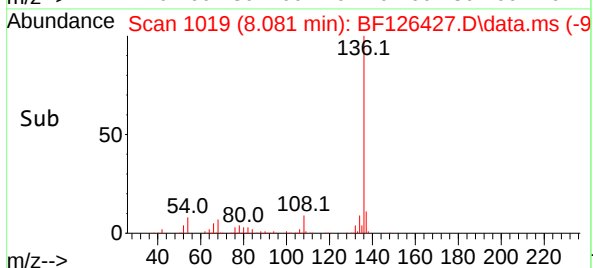
Tgt Ion: 99 Resp: 630931
Ion Ratio Lower Upper
99 100
42 23.7 14.2 21.4#
71 32.9 24.3 36.5

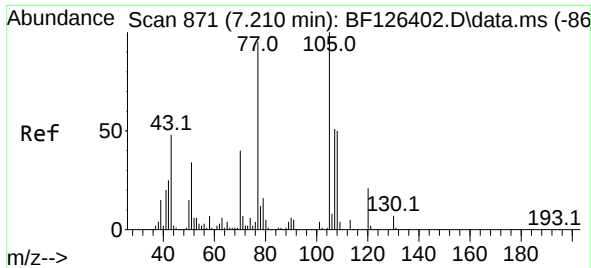


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126427.D
Acq: 30 Dec 2021 19:24



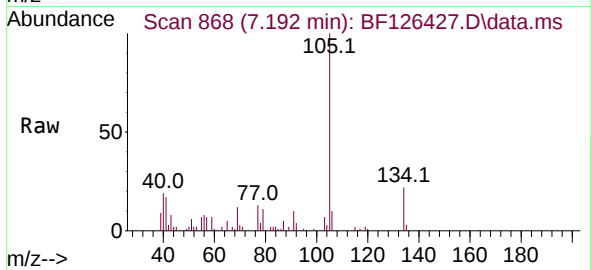
Tgt Ion: 136 Resp: 413749
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 7.8 11.6
68 7.2 6.3 9.5



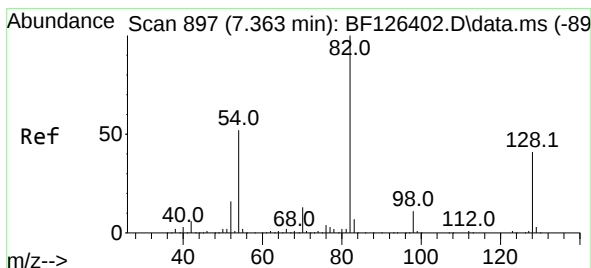
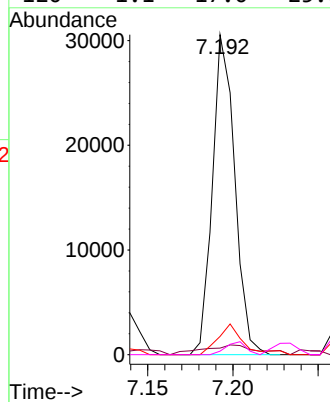
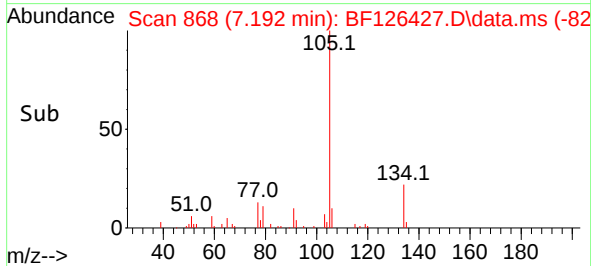


#22
Acetophenone
Concen: 2.915 ng
RT: 7.192 min Scan# 810
Delta R.T. -0.018 min
Lab File: BF126427.D
Acq: 30 Dec 2021 19:24

Instrument :
BNA_F
ClientSampleId :

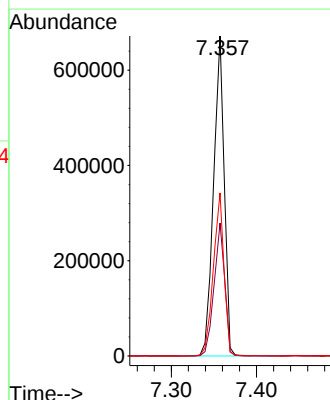
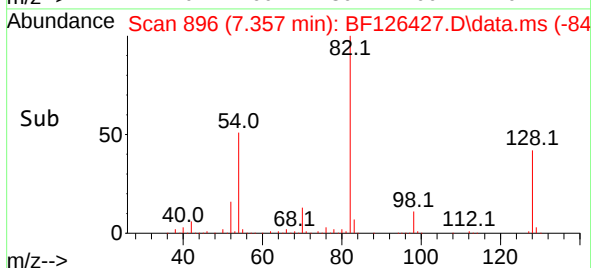
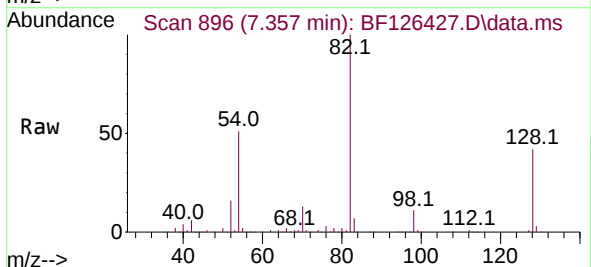


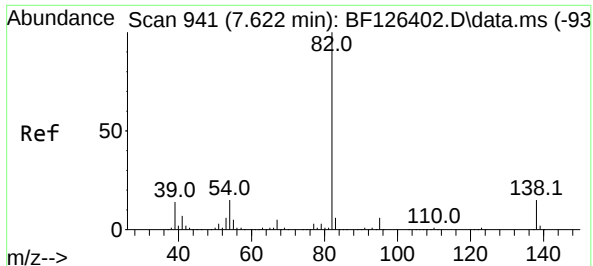
Tgt Ion:105 Resp: 27884
Ion Ratio Lower Upper
105 100
71 2.0 5.4 8.0#
51 5.7 27.4 41.0#
120 1.1 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 72.768 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126427.D
Acq: 30 Dec 2021 19:24

Tgt Ion: 82 Resp: 586371
Ion Ratio Lower Upper
82 100
128 41.6 32.7 49.1
54 50.9 41.7 62.5

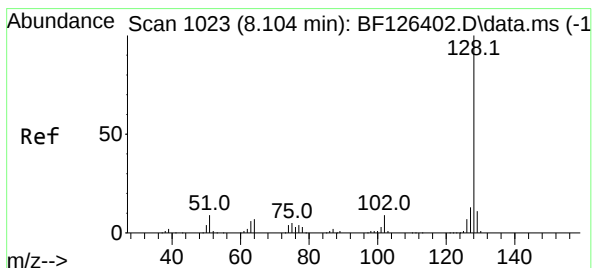
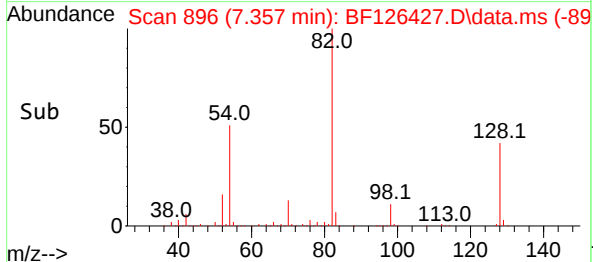
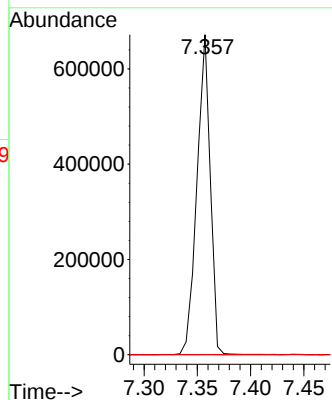
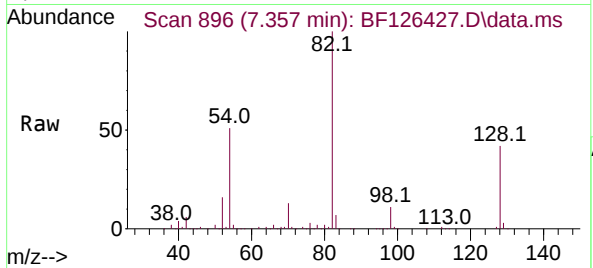




#25
Isophorone
Concen: 40.584 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126427.D
Acq: 30 Dec 2021 19:24

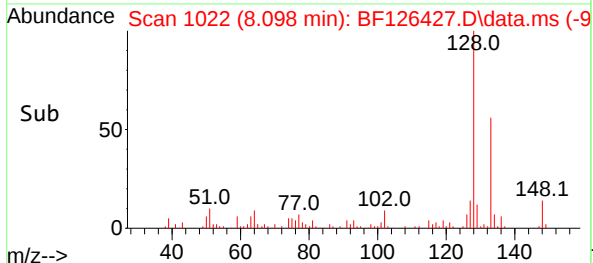
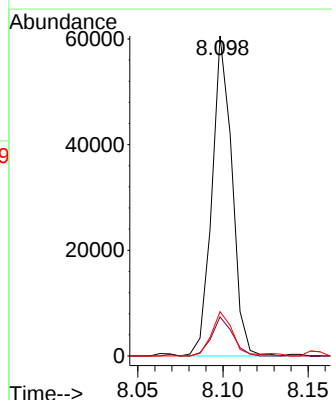
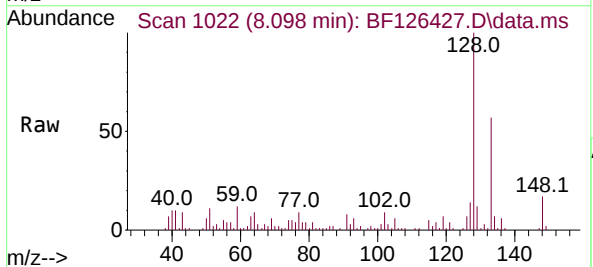
Instrument :
BNA_F
ClientSampleId :

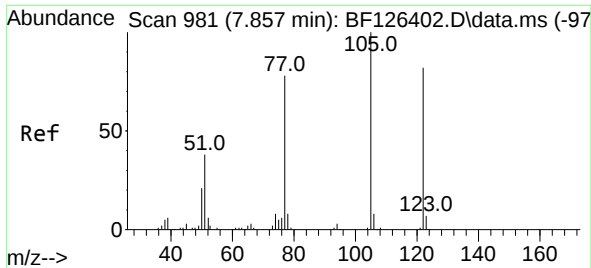
Tgt Ion: 82 Resp: 585421
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#31
Naphthalene
Concen: 2.535 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126427.D
Acq: 30 Dec 2021 19:24

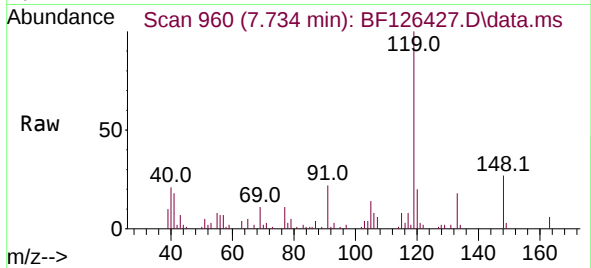
Tgt Ion: 128 Resp: 49498
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 13.8 10.3 15.5



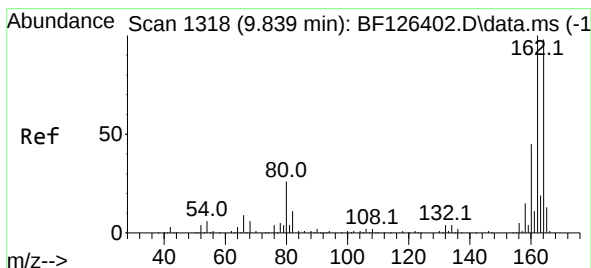
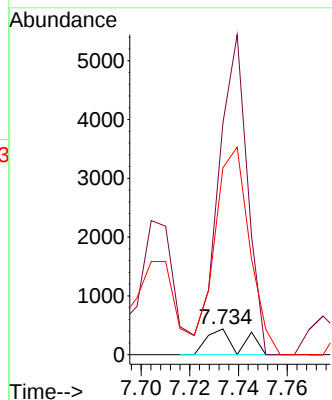
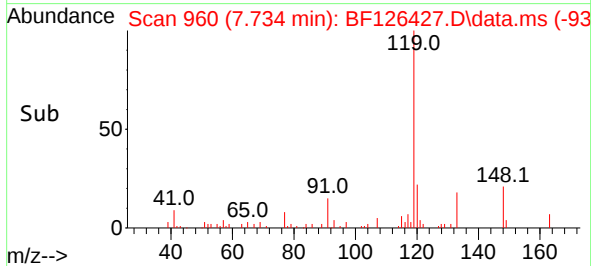


#32
Benzoic acid
Concen: 7.161 ng
RT: 7.734 min Scan# 90
Delta R.T. -0.123 min
Lab File: BF126427.D
Acq: 30 Dec 2021 19:24

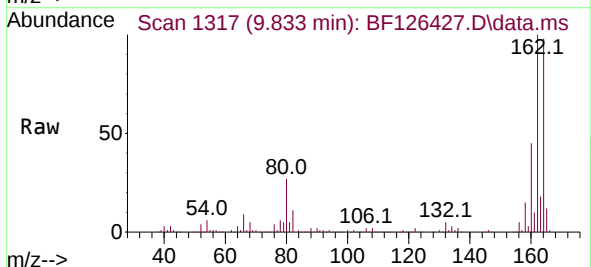
Instrument :
BNA_F
ClientSampleId :



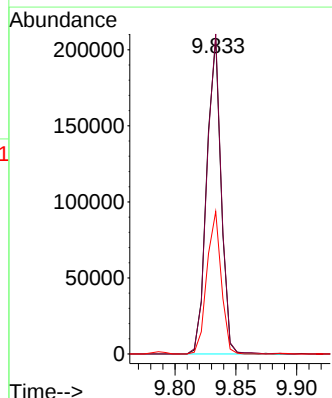
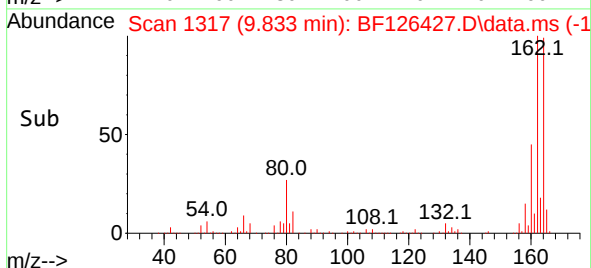
Tgt Ion:122 Resp: 407
Ion Ratio Lower Upper
122 100
105 899.3 101.0 141.0#
77 725.6 74.5 114.5#

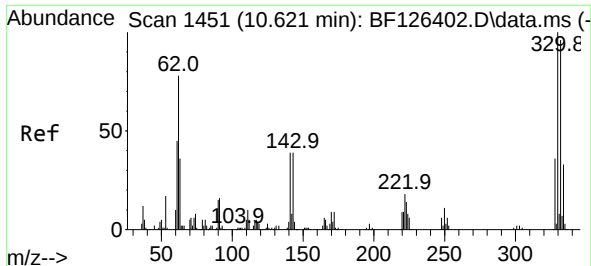


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126427.D
Acq: 30 Dec 2021 19:24



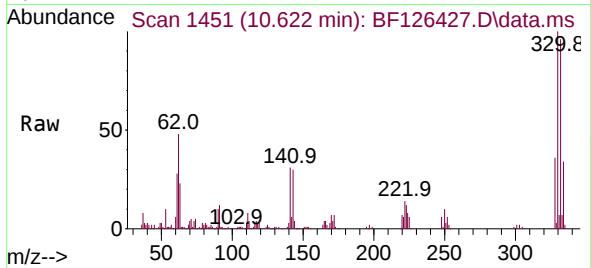
Tgt Ion:164 Resp: 169268
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 45.2 36.6 54.8



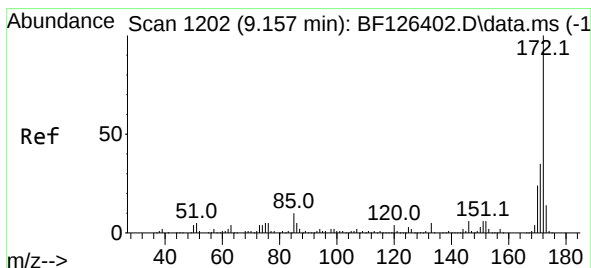
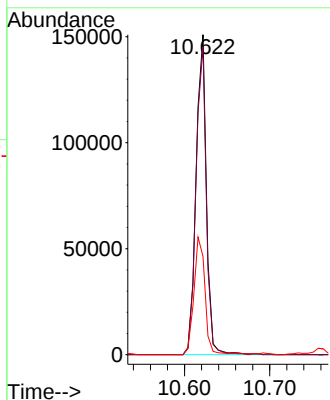
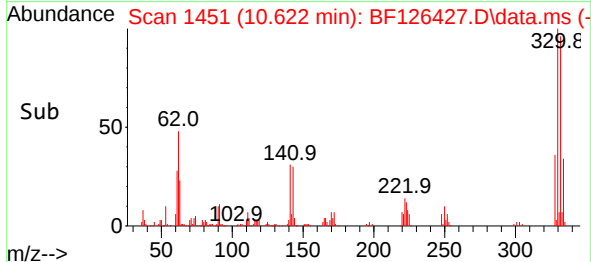


#42
 2,4,6-Tribromophenol
 Concen: 97.735 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. 0.000 min
 Lab File: BF126427.D
 Acq: 30 Dec 2021 19:24

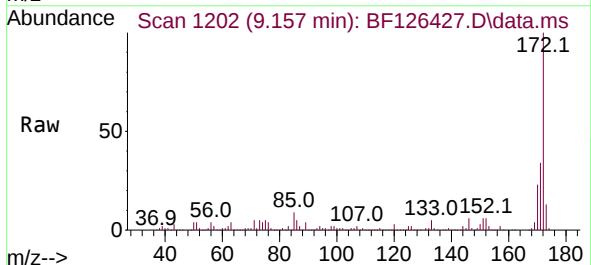
Instrument :
 BNA_F
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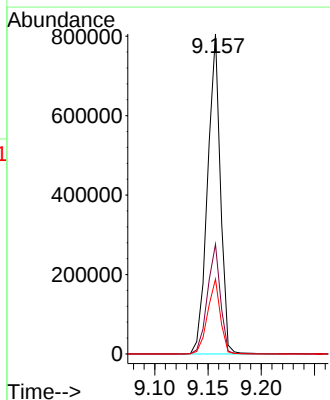
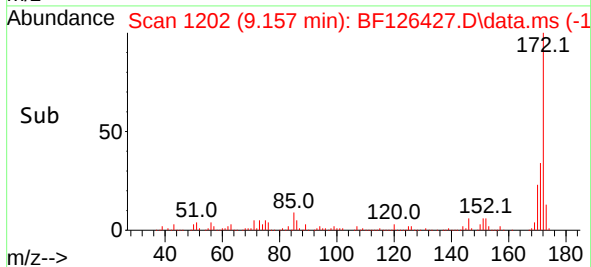
Tgt Ion: 330 Resp: 127839
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.0 114.0
 141 39.4 30.1 45.1

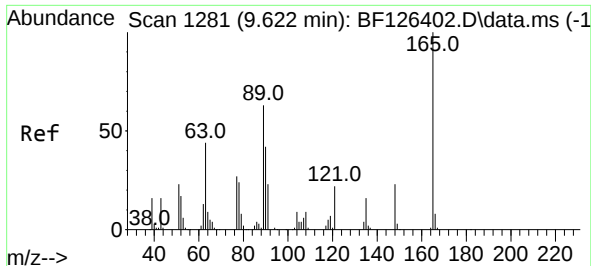


#45
 2-Fluorobiphenyl
 Concen: 70.236 ng
 RT: 9.157 min Scan# 1202
 Delta R.T. 0.000 min
 Lab File: BF126427.D
 Acq: 30 Dec 2021 19:24



Tgt Ion: 172 Resp: 675599
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.3 42.5
 170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 2.337 ng

RT: 9.592 min Scan# 11

Delta R.T. -0.029 min

Lab File: BF126427.D

Acq: 30 Dec 2021 19:24

Instrument :

BNA_F

ClientSampleId :

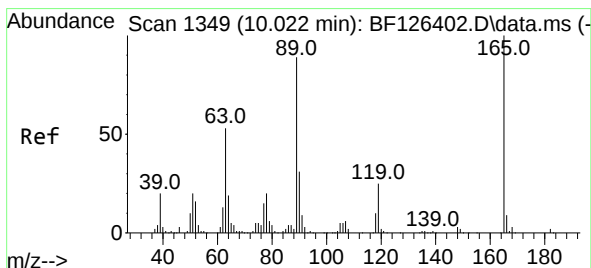
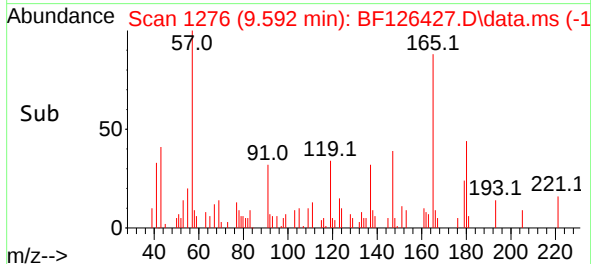
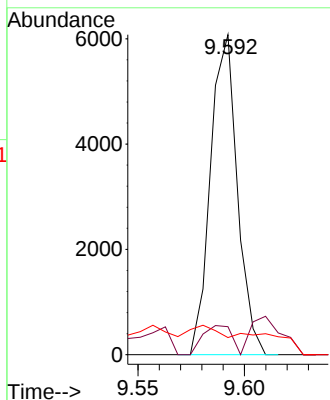
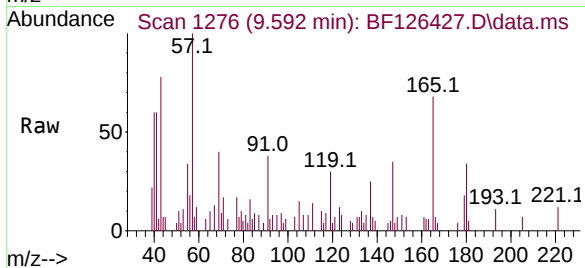
Tgt Ion:165 Resp: 5333

Ion Ratio Lower Upper

165 100

63 8.8 48.4 72.6#

89 5.3 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 7.101 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.188 min

Lab File: BF126427.D

Acq: 30 Dec 2021 19:24

Tgt Ion:165 Resp: 20908

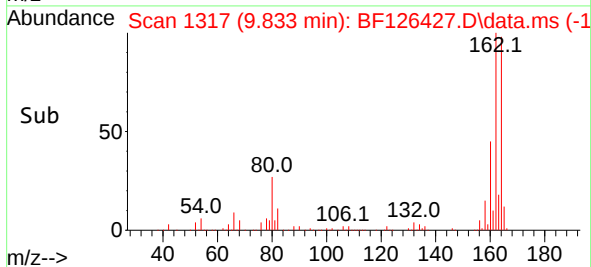
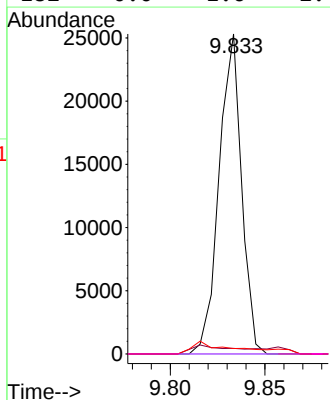
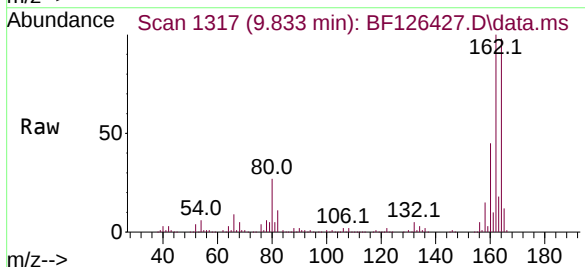
Ion Ratio Lower Upper

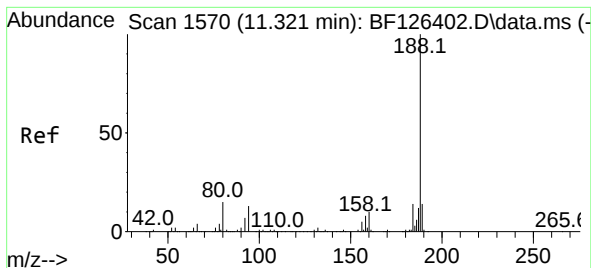
165 100

63 1.8 43.0 64.6#

89 1.7 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126427.D

Acq: 30 Dec 2021 19:24

Instrument :

BNA_F

ClientSampleId :

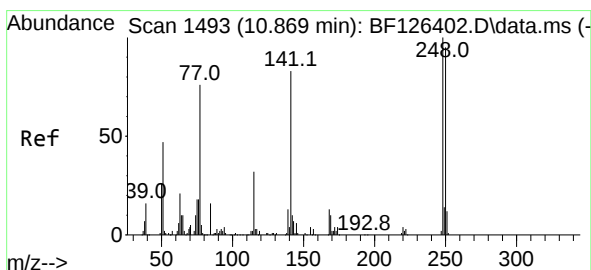
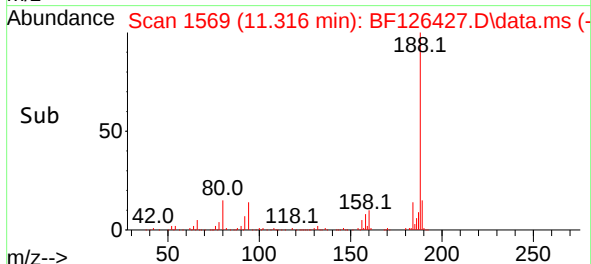
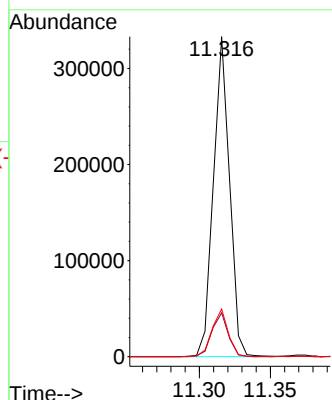
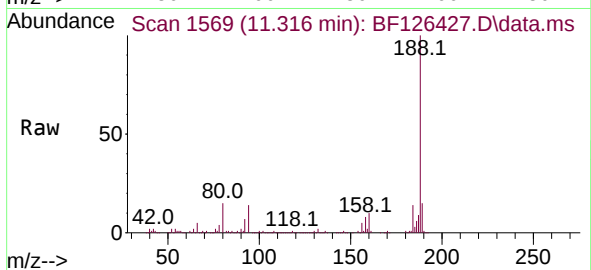
Tgt Ion:188 Resp: 263409

Ion Ratio Lower Upper

188 100

94 13.7 10.1 15.1

80 14.9 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.254 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF126427.D

Acq: 30 Dec 2021 19:24

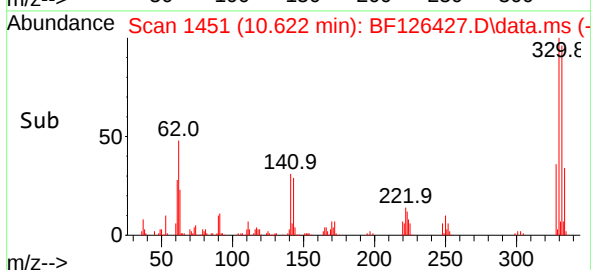
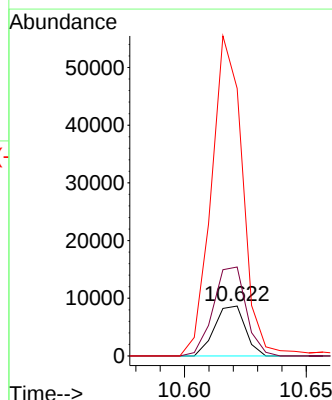
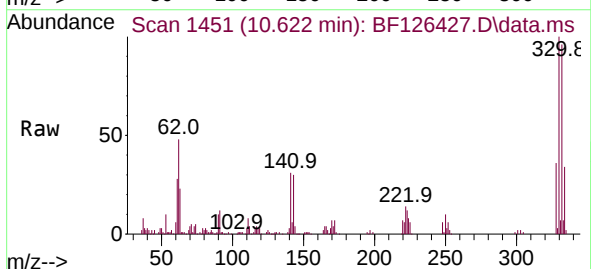
Tgt Ion:248 Resp: 7609

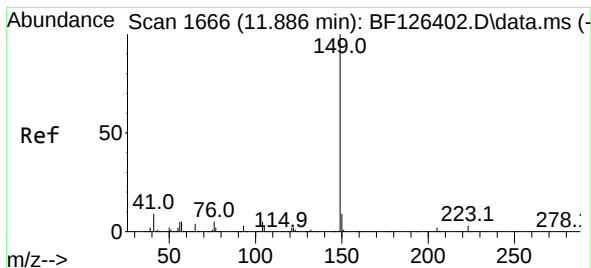
Ion Ratio Lower Upper

248 100

250 178.4 76.2 114.4#

141 536.4 66.2 99.4#





#74

Di-n-butylphthalate

Concen: 2.374 ng

RT: 11.880 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126427.D

Acq: 30 Dec 2021 19:24

Instrument :

BNA_F

ClientSampleId :

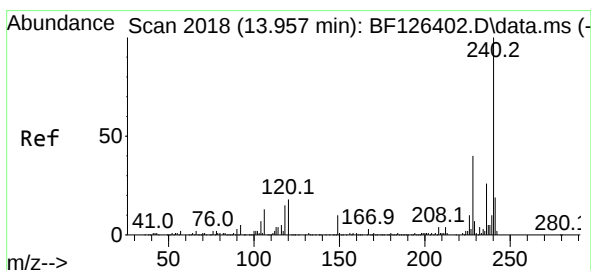
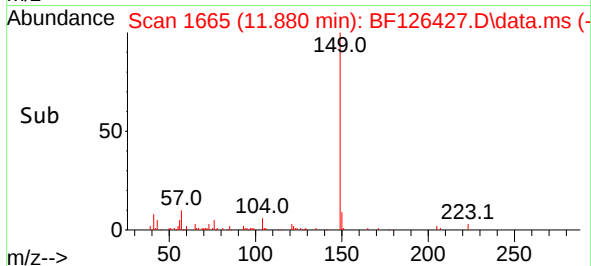
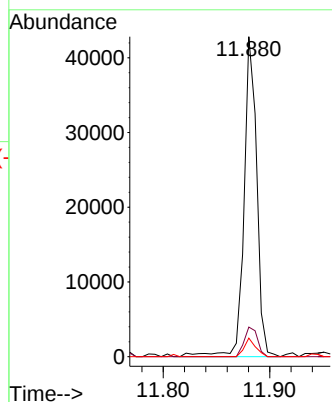
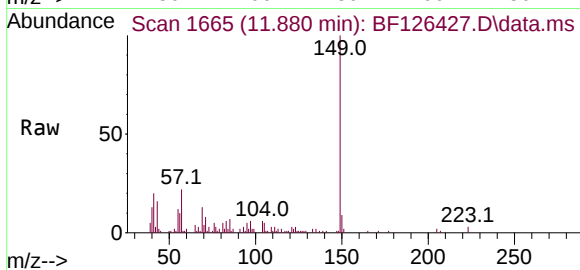
Tgt Ion:149 Resp: 35659

Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.8 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF126427.D

Acq: 30 Dec 2021 19:24

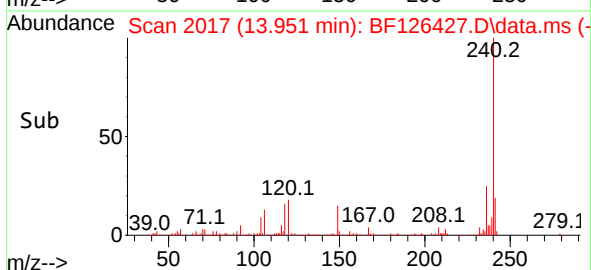
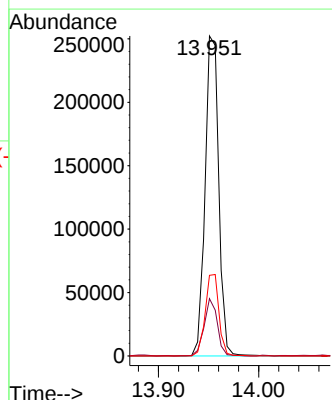
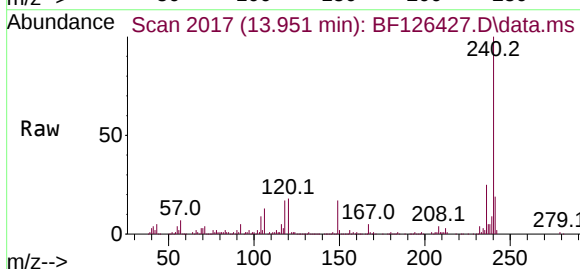
Tgt Ion:240 Resp: 240179

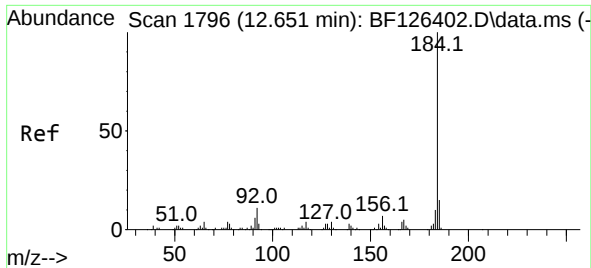
Ion Ratio Lower Upper

240 100

120 17.9 14.4 21.6

236 25.2 20.5 30.7

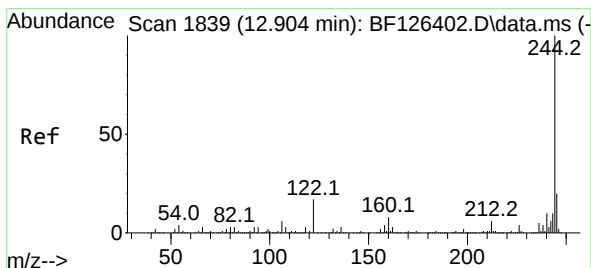
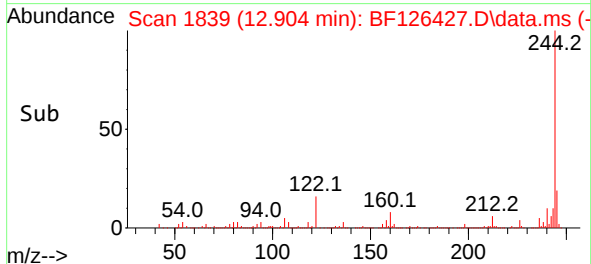
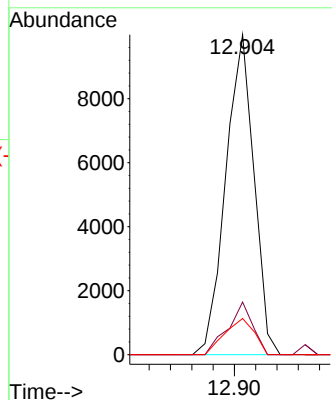
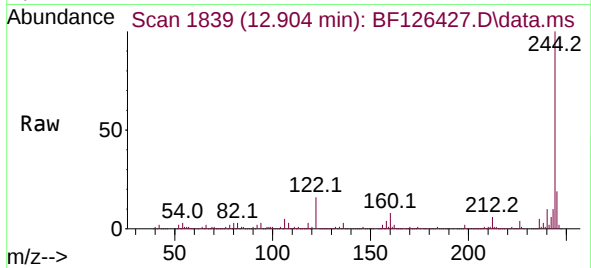




#77
Benzidine
Concen: Below Cal
RT: 12.904 min Scan# 1839
Delta R.T. 0.253 min
Lab File: BF126427.D
Acq: 30 Dec 2021 19:24

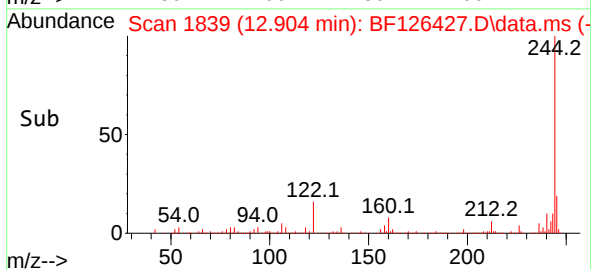
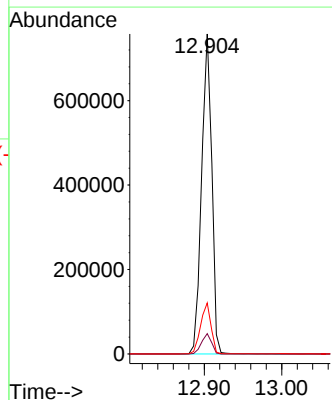
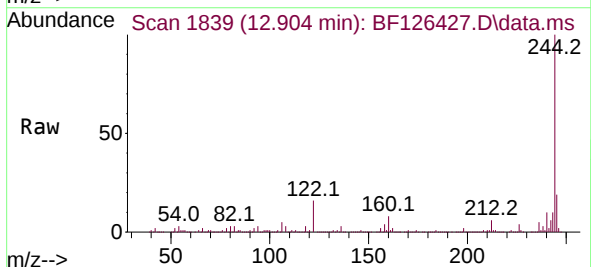
Instrument :
BNA_F
ClientSampleId :

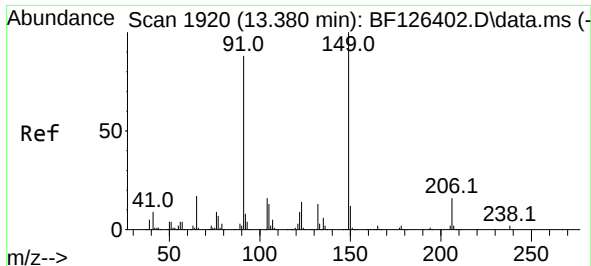
Tgt Ion:184 Resp: 9192
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.8
183 11.3 8.2 12.2



#79
Terphenyl-d14
Concen: 55.838 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF126427.D
Acq: 30 Dec 2021 19:24

Tgt Ion:244 Resp: 690247
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 16.0 13.3 19.9





#80

Butylbenzylphthalate

Concen: 21.688 ng

RT: 13.380 min Scan# 1920

Delta R.T. 0.000 min

Lab File: BF126427.D

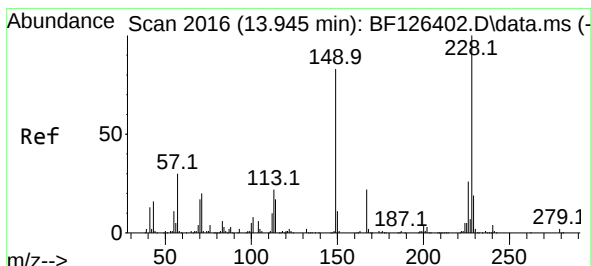
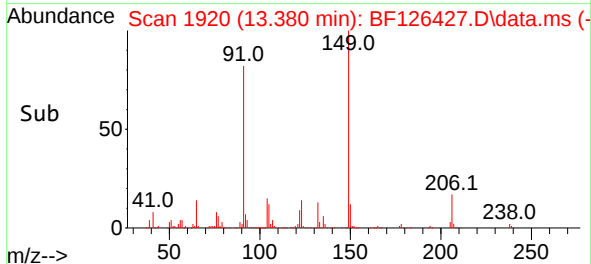
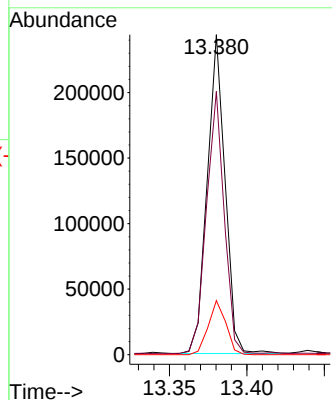
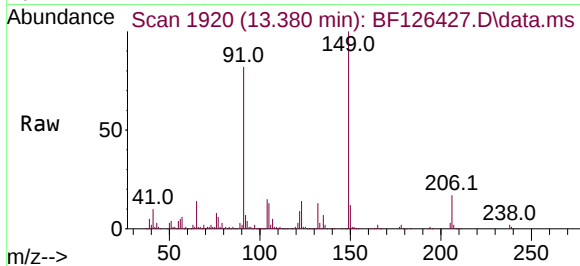
Acq: 30 Dec 2021 19:24

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	195069
Ion Ratio	Lower	Upper	
149	100		
91	82.2	70.5	105.7
206	16.9	12.6	19.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.255 ng

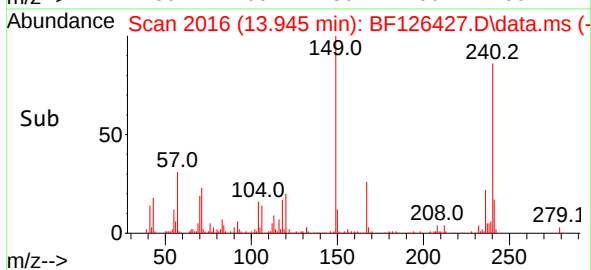
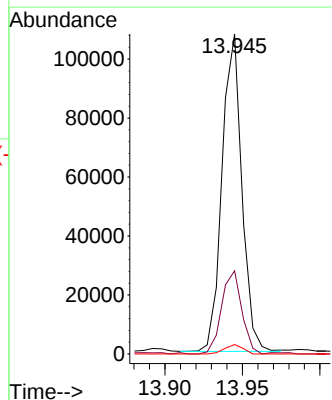
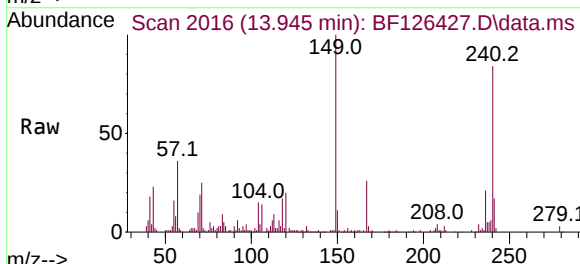
RT: 13.945 min Scan# 2016

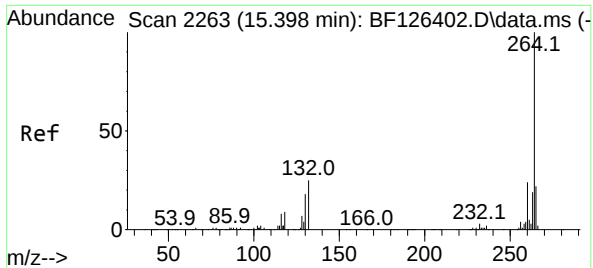
Delta R.T. 0.000 min

Lab File: BF126427.D

Acq: 30 Dec 2021 19:24

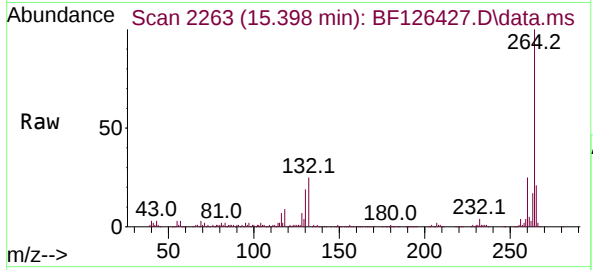
Tgt Ion:	149	Resp:	95592
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.4	32.2
279	2.9	2.4	3.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126427.D
 Acq: 30 Dec 2021 19:24

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 231087

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.4	17.4	26.2

