

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126648.D
 Acq On : 24 Jan 2022 19:24
 Operator : CG/JU
 Sample : N1188-01RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11940

Quant Time: Jan 25 03:14:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

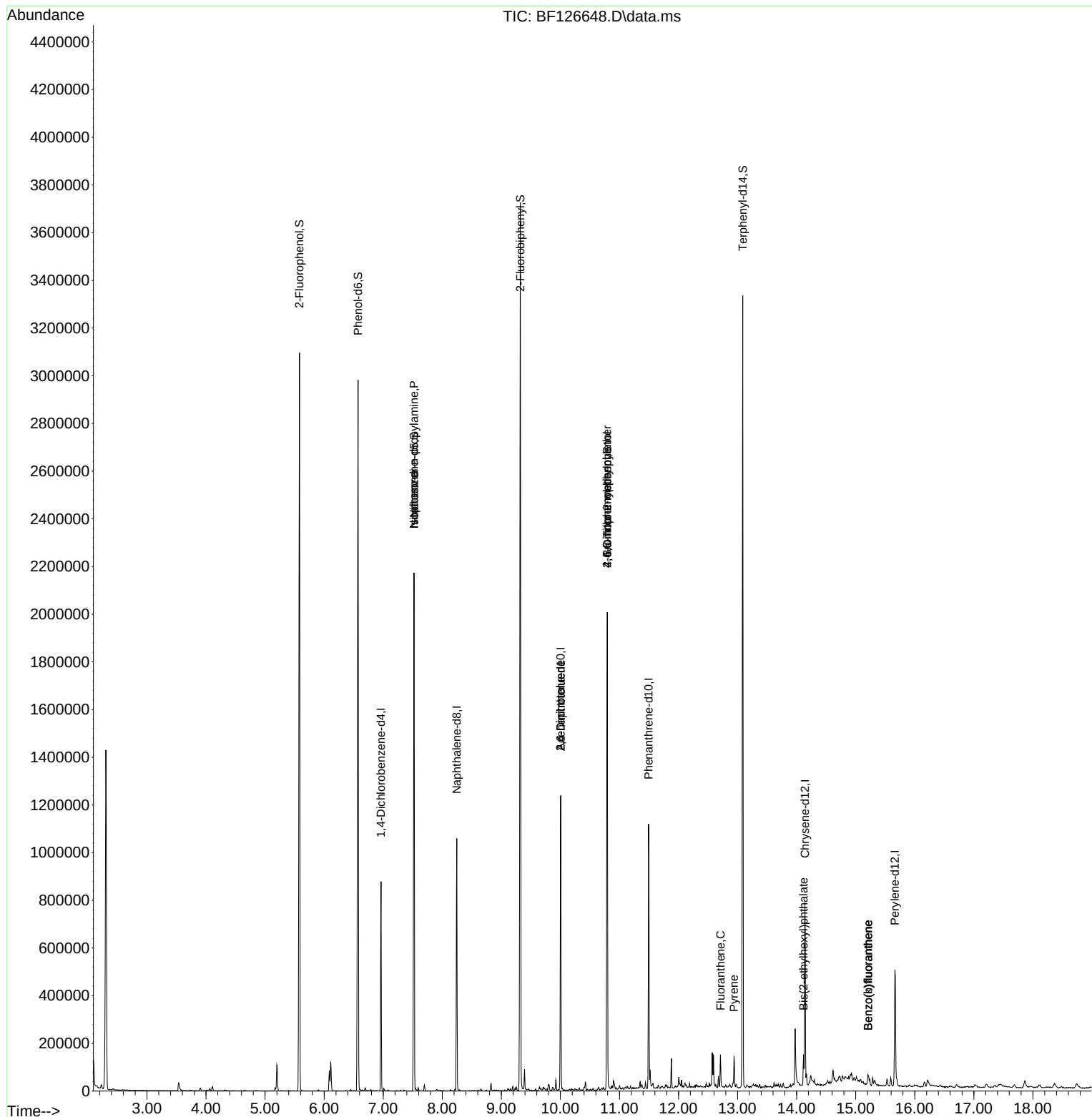
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	105072	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	408960	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	225904	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	368285	20.000	ng	0.00
76) Chrysene-d12	14.139	240	239691	20.000	ng	#-0.01
86) Perylene-d12	15.663	264	224975	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	772629	96.762	ng	0.00
7) Phenol-d6	6.575	99	1051489	94.780	ng	0.00
23) Nitrobenzene-d5	7.522	82	804441	76.992	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	188294	89.065	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1047937	71.044	ng	0.00
79) Terphenyl-d14	13.086	244	1015707	71.075	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	180	Below Cal	#	43
19) n-Nitroso-di-n-propyla...	7.522	70	112037	13.837	ng	# 69
25) Isophorone	7.522	82	804430	39.700	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	27494	9.931	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	27494	8.195	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	375	7.552	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	12699	2.992	ng	# 1
75) Fluoranthene	12.710	202	41645	2.004	ng	97
78) Pyrene	12.939	202	45685	2.357	ng	100
84) Bis(2-ethylhexyl)phtha...	14.116	149	28166	2.470	ng	94
88) Benzo(b)fluoranthene	15.210	252	35942	2.409	ng	# 92
89) Benzo(k)fluoranthene	15.210	252	35942	2.454	ng	# 92

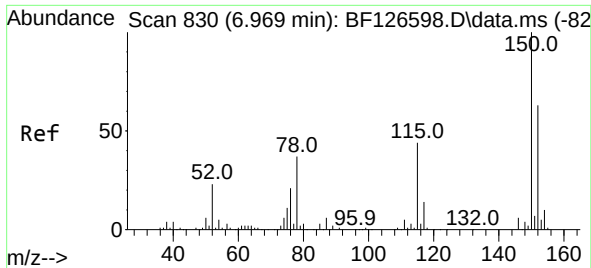
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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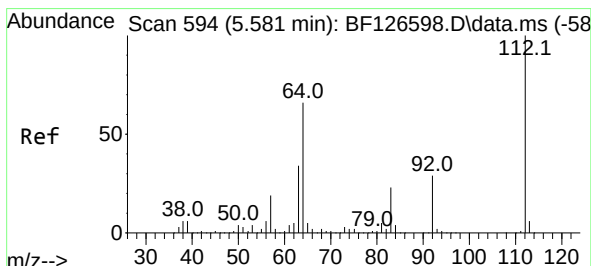
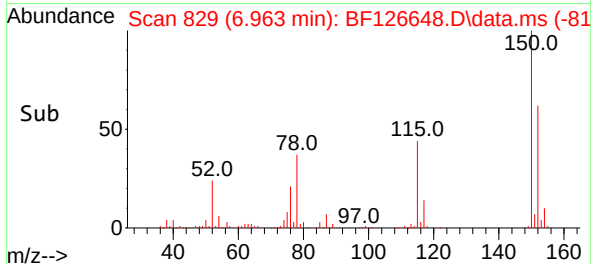
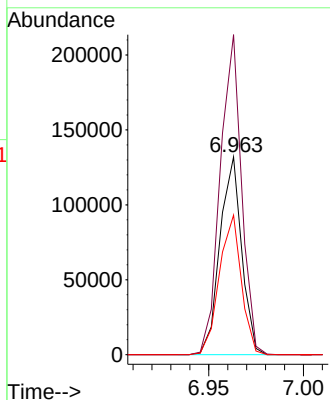
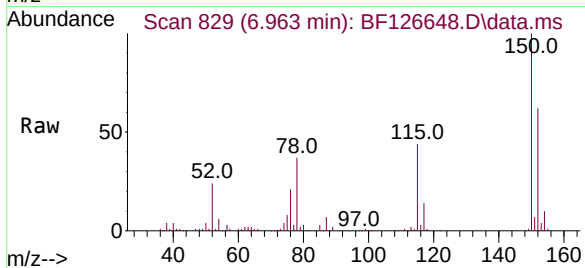




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126648.D
 Acq: 24 Jan 2022 19:24

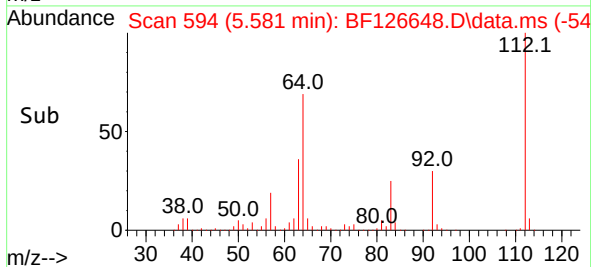
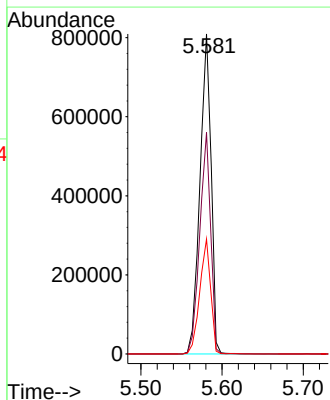
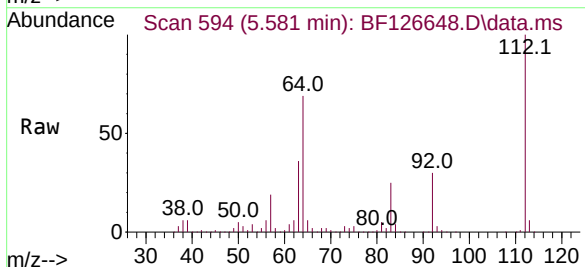
Instrument :
 BNA_F
 ClientSampleId :
 72-11940

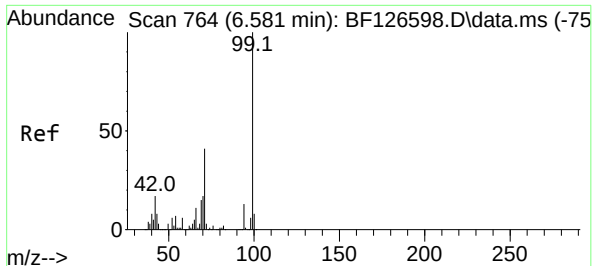
Tgt Ion:152 Resp: 105072
 Ion Ratio Lower Upper
 152 100
 150 161.8 128.1 192.1
 115 70.5 56.7 85.1



#5
 2-Fluorophenol
 Concen: 96.762 ng
 RT: 5.581 min Scan# 594
 Delta R.T. 0.000 min
 Lab File: BF126648.D
 Acq: 24 Jan 2022 19:24

Tgt Ion:112 Resp: 772629
 Ion Ratio Lower Upper
 112 100
 64 69.2 49.5 74.3
 63 35.9 23.9 35.9#





#7

Phenol-d6

Concen: 94.780 ng

RT: 6.575 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF126648.D

Acq: 24 Jan 2022 19:24

Instrument :

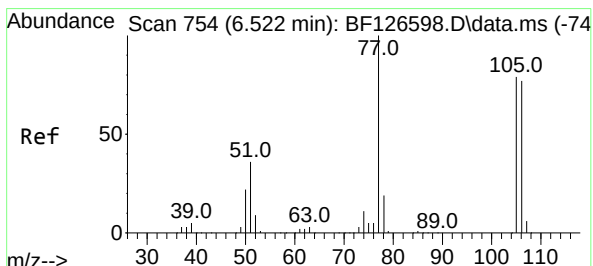
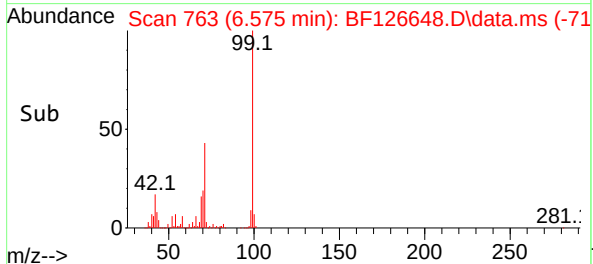
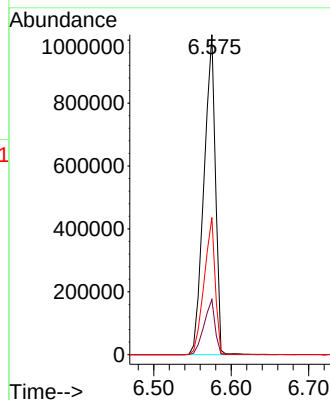
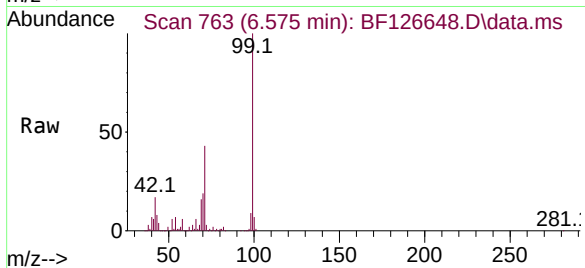
BNA_F

ClientSampleId :

72-11940

Tgt Ion: 99 Resp: 1051489

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.2	21.4
71	42.9	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 753

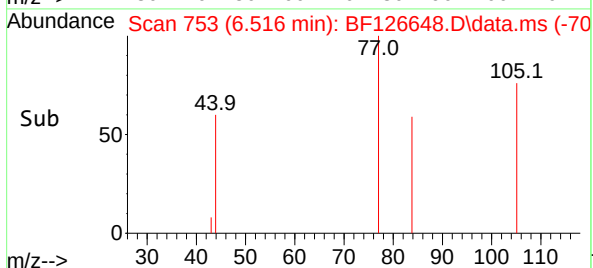
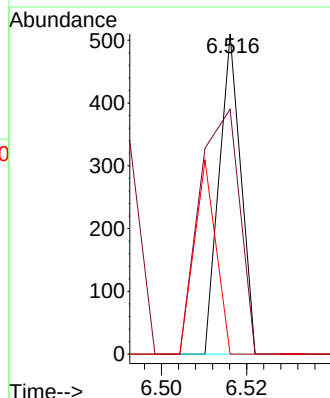
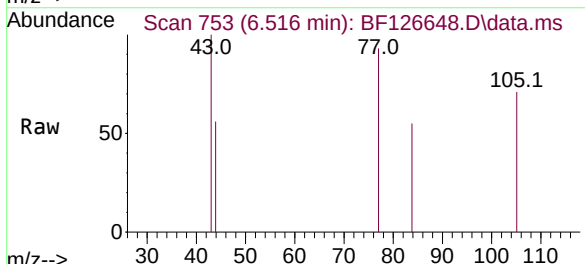
Delta R.T. -0.006 min

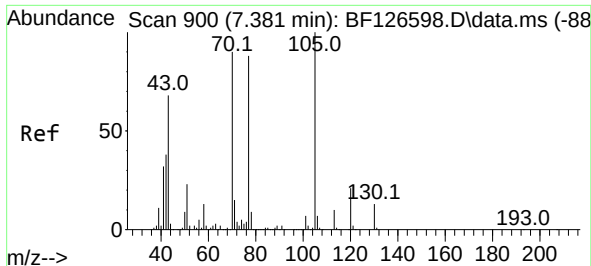
Lab File: BF126648.D

Acq: 24 Jan 2022 19:24

Tgt Ion: 77 Resp: 180

Ion	Ratio	Lower	Upper
77	100		
105	76.5	74.9	114.9
106	0.0	72.4	112.4

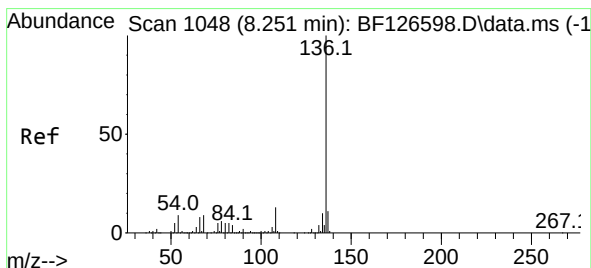
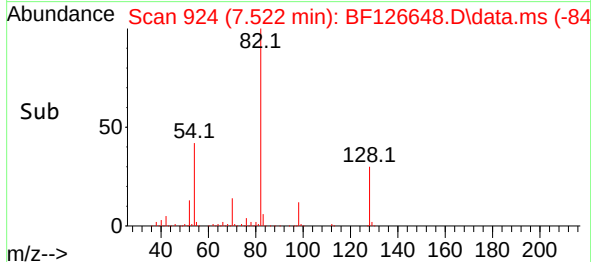
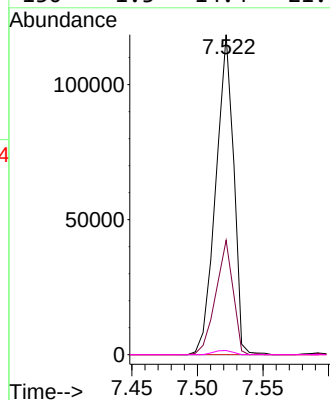
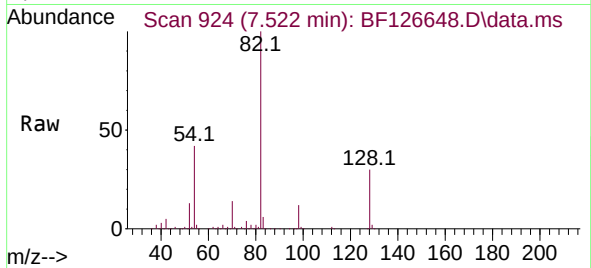




#19
n-Nitroso-di-n-propylamine
Concen: 13.837 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

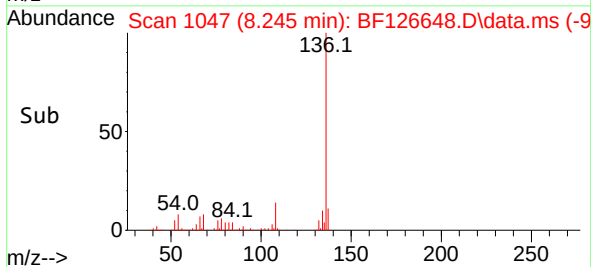
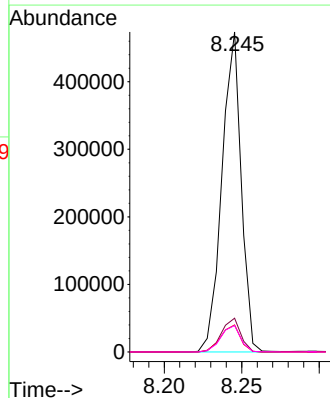
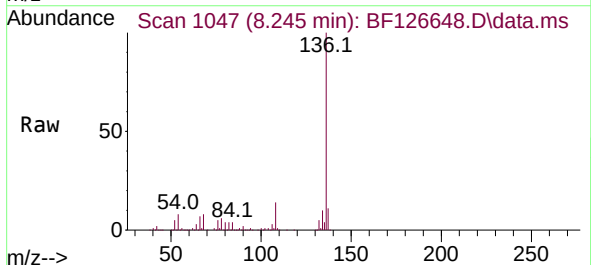
Instrument :
BNA_F
ClientSampleId :
72-11940

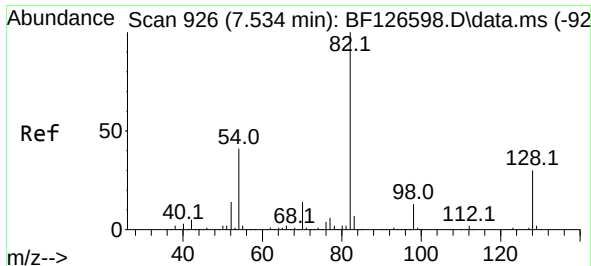
Tgt Ion: 70 Resp: 112037
Ion Ratio Lower Upper
70 100
42 35.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

Tgt Ion: 136 Resp: 408960
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.8 11.6
68 8.2 6.3 9.5

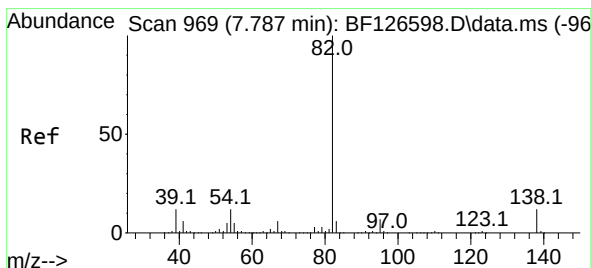
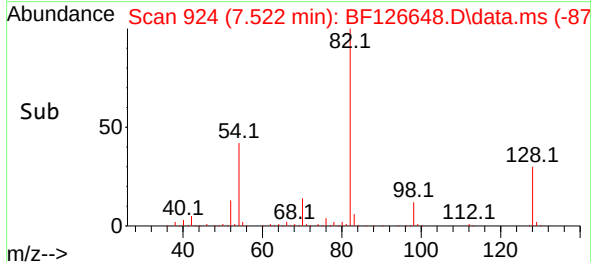
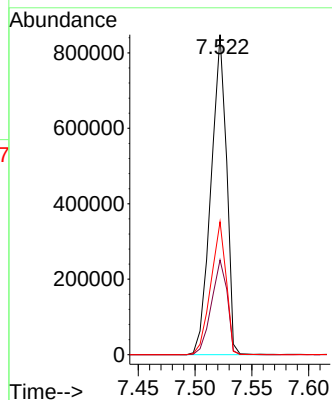
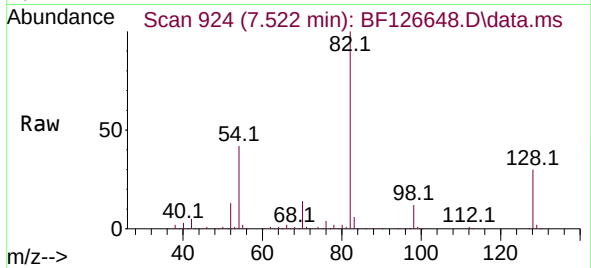




#23
Nitrobenzene-d5
Concen: 76.992 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

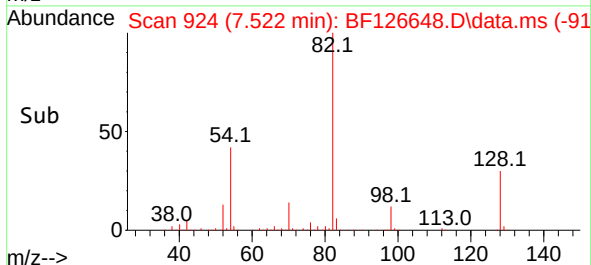
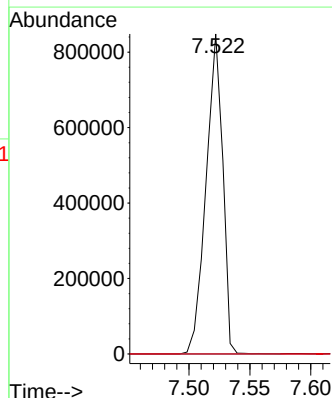
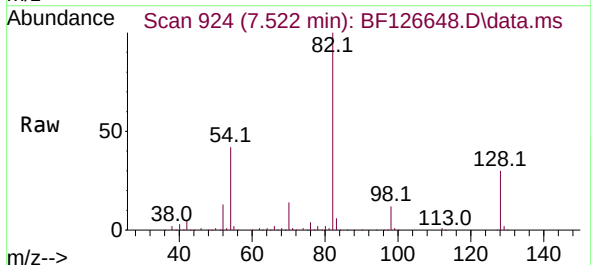
Instrument :
BNA_F
ClientSampleId :
72-11940

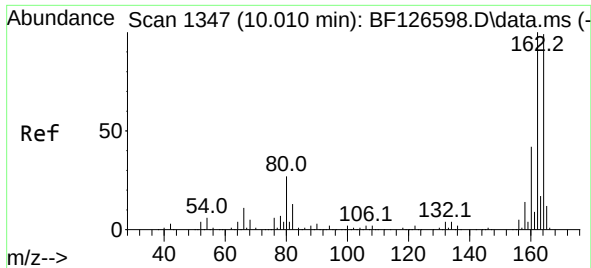
Tgt Ion: 82 Resp: 804441
Ion Ratio Lower Upper
82 100
128 29.6 32.7 49.1#
54 41.5 41.7 62.5#



#25
Isophorone
Concen: 39.700 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

Tgt Ion: 82 Resp: 804430
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

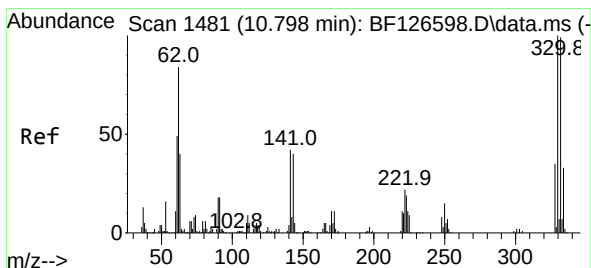
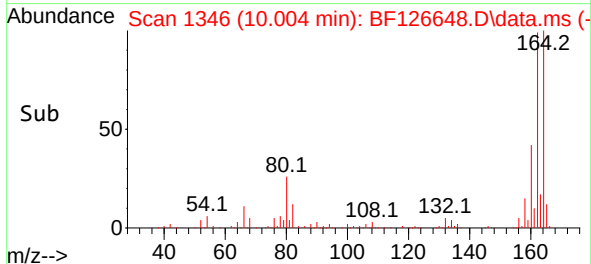
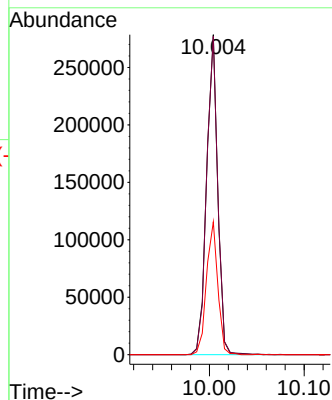
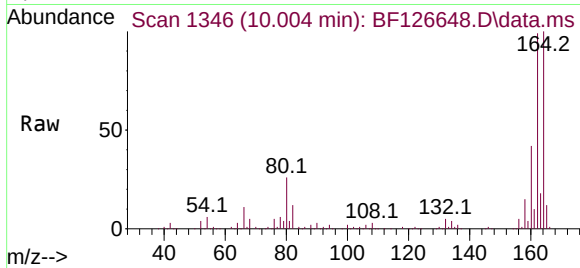




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

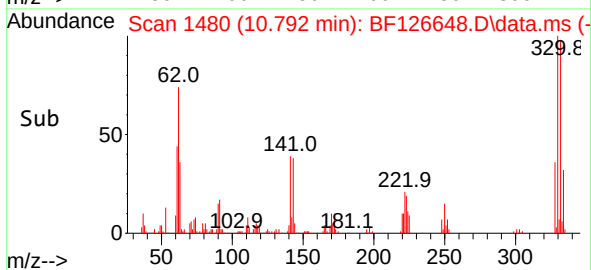
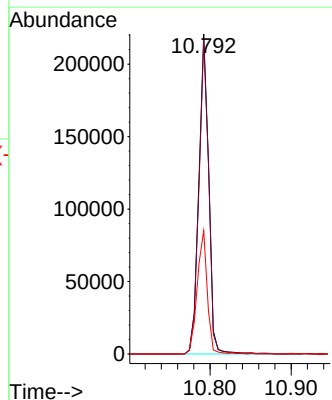
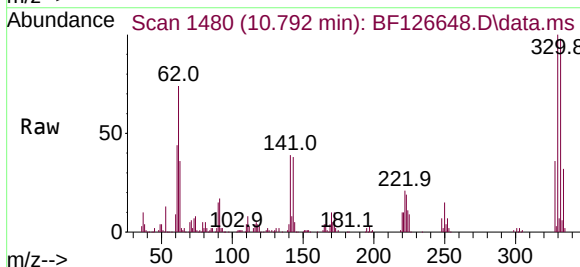
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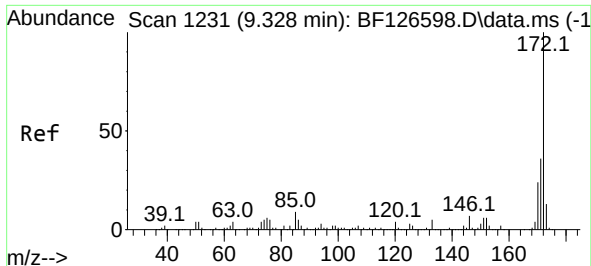
Tgt Ion:164 Resp: 225904
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 41.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 89.065 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

Tgt Ion:330 Resp: 188294
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 39.2 30.1 45.1

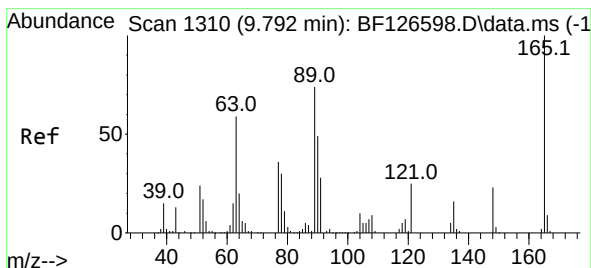
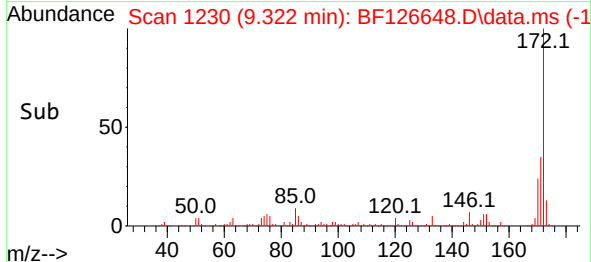
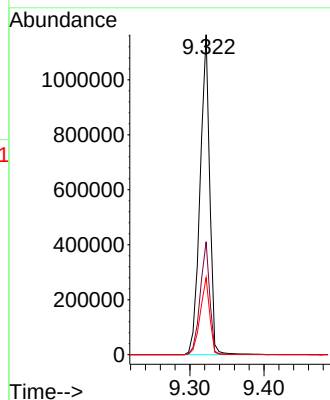
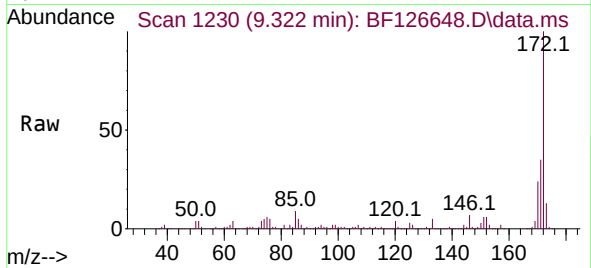




#45
2-Fluorobiphenyl
Concen: 71.044 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

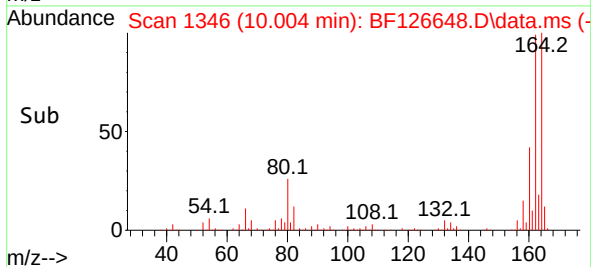
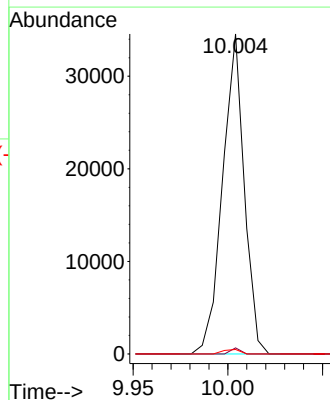
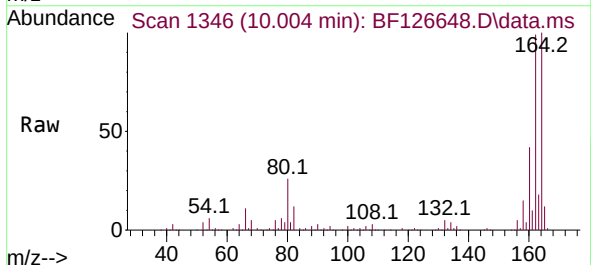
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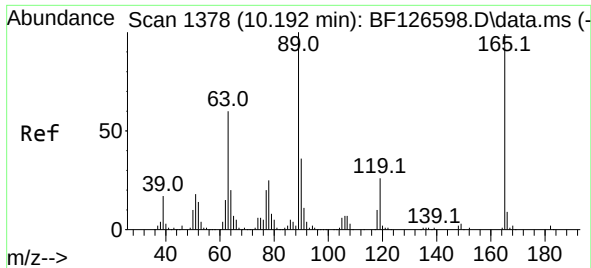
Tgt Ion:172 Resp: 1047937
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 24.1 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.931 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

Tgt Ion:165 Resp: 27494
Ion Ratio Lower Upper
165 100
63 1.9 48.4 72.6#
89 1.4 50.5 75.7#

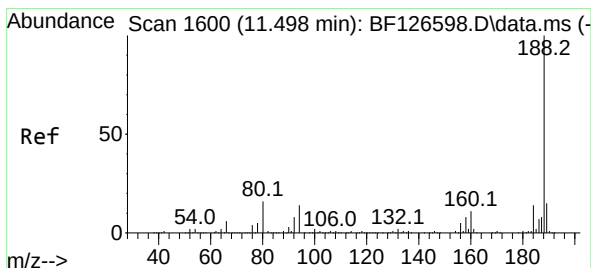
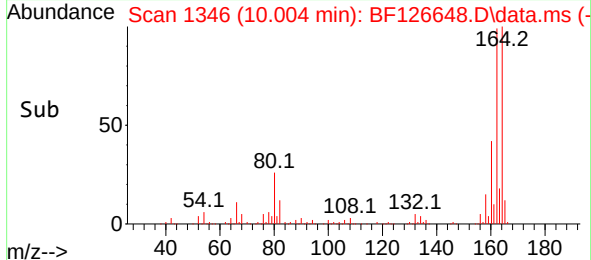
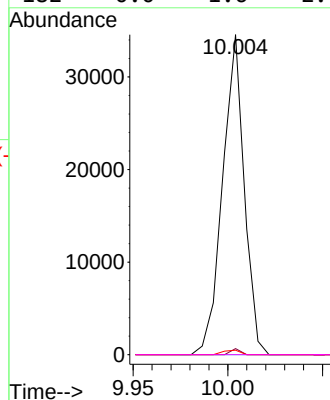
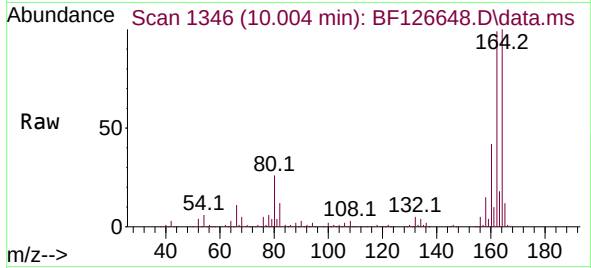




#57
2,4-Dinitrotoluene
Concen: 8.195 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

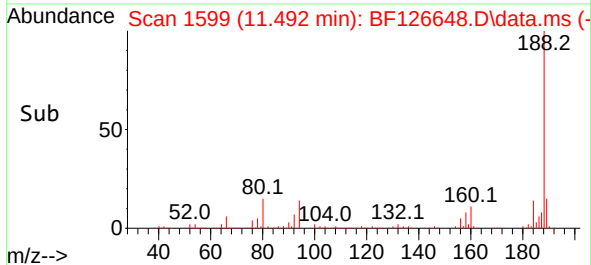
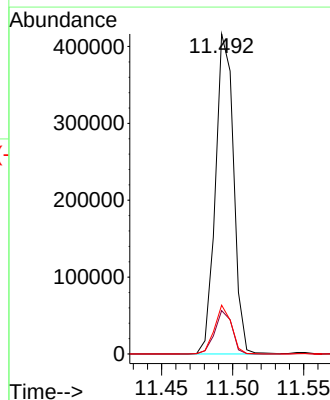
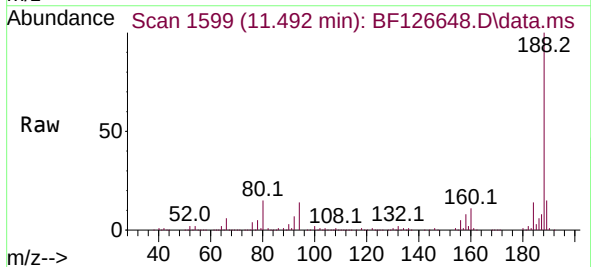
Instrument :
BNA_F
ClientSampleId :
72-11940

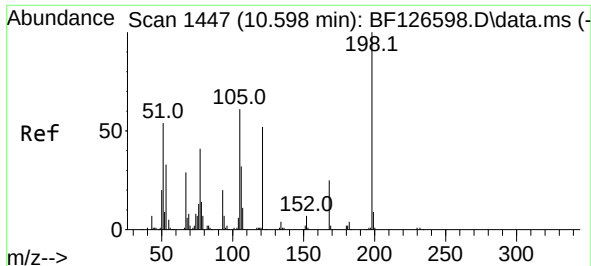
Tgt Ion:165 Resp: 27494
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

Tgt Ion:188 Resp: 368285
Ion Ratio Lower Upper
188 100
94 13.6 10.1 15.1
80 15.2 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.552 ng

RT: 10.792 min Scan# 1447

Delta R.T. 0.194 min

Lab File: BF126648.D

Acq: 24 Jan 2022 19:24

Instrument :

BNA_F

ClientSampleId :

72-11940

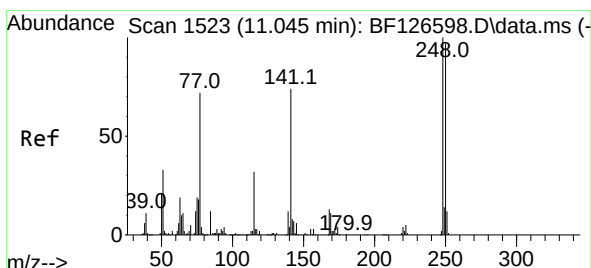
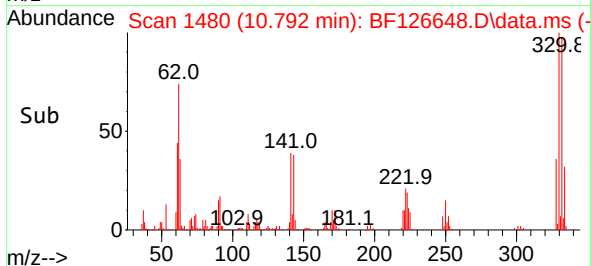
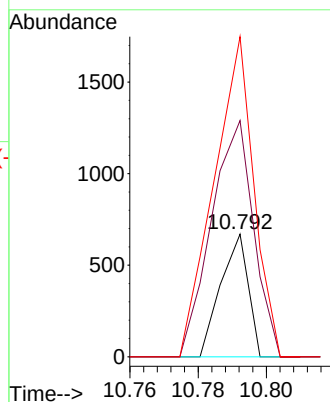
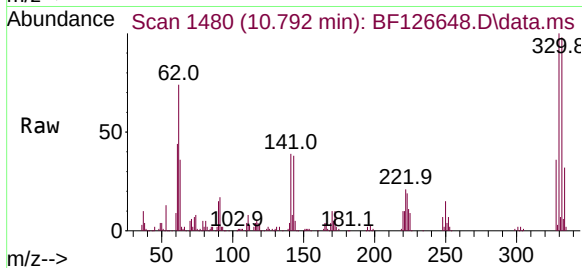
Tgt Ion:198 Resp: 375

Ion Ratio Lower Upper

198 100

51 192.5 32.0 72.0#

105 260.9 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 2.992 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.253 min

Lab File: BF126648.D

Acq: 24 Jan 2022 19:24

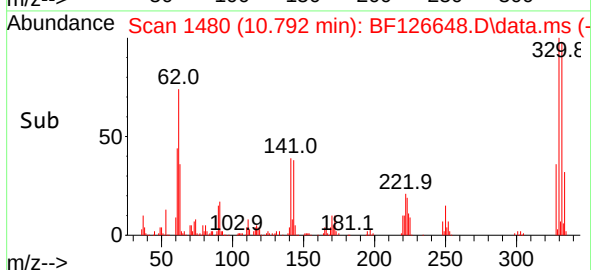
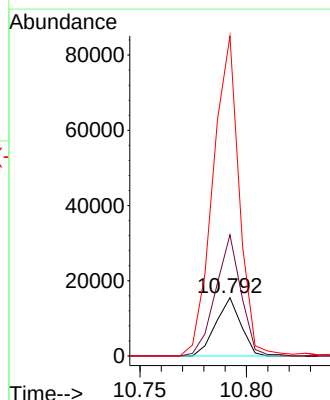
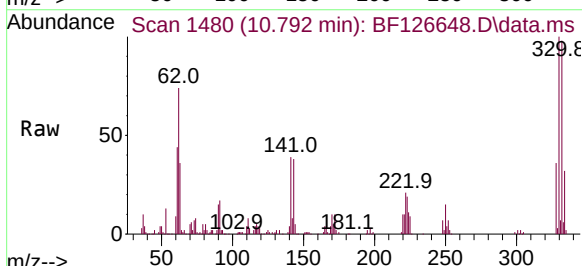
Tgt Ion:248 Resp: 12699

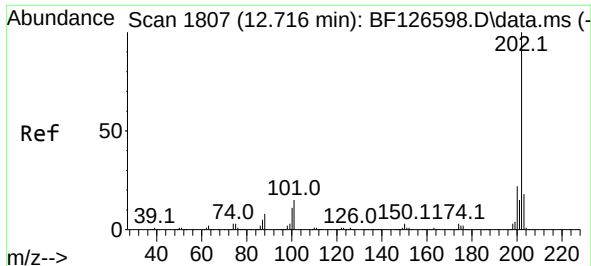
Ion Ratio Lower Upper

248 100

250 207.8 76.2 114.4#

141 549.0 66.2 99.4#

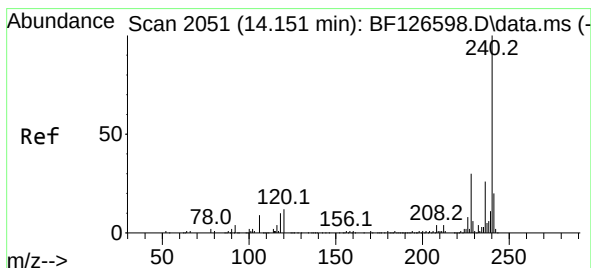
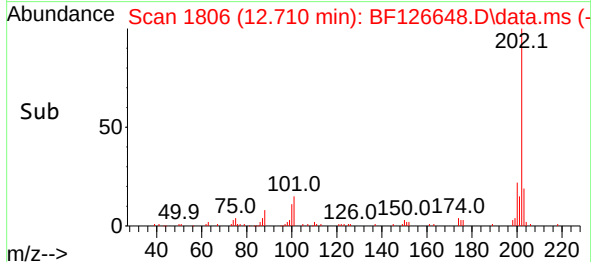
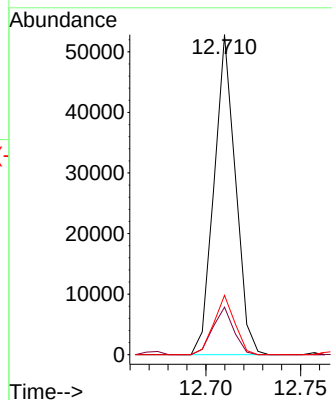
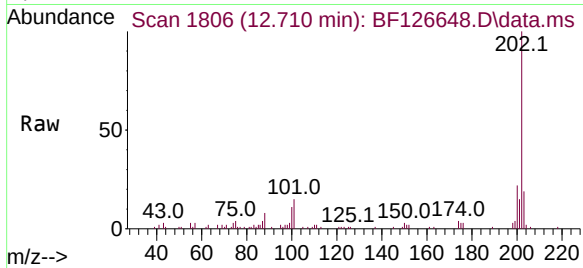




#75
Fluoranthene
Concen: 2.004 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

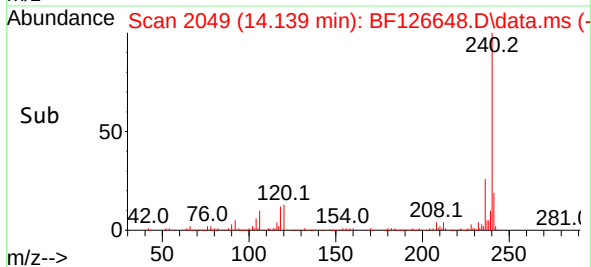
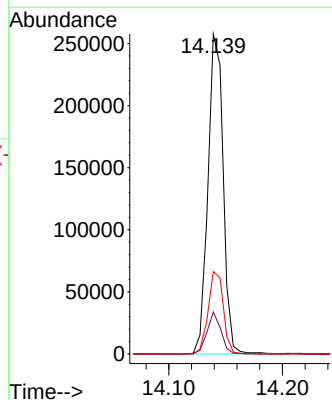
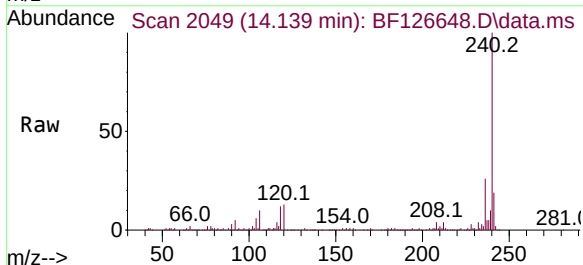
Instrument :
BNA_F
ClientSampleId :
72-11940

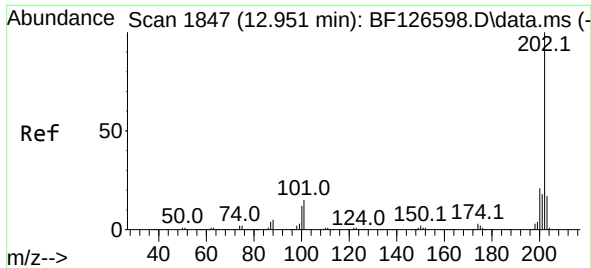
Tgt Ion:202 Resp: 41645
Ion Ratio Lower Upper
202 100
101 14.8 0.0 35.7
203 18.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.012 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

Tgt Ion:240 Resp: 239691
Ion Ratio Lower Upper
240 100
120 13.1 14.4 21.6#
236 25.7 20.5 30.7

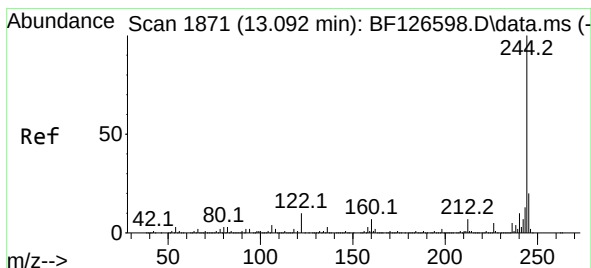
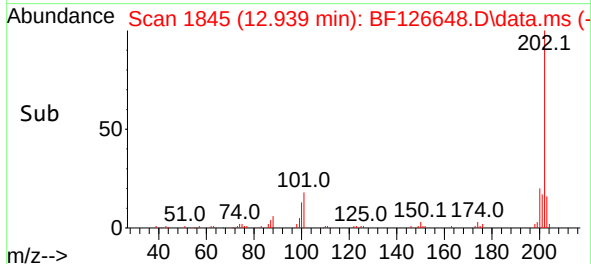
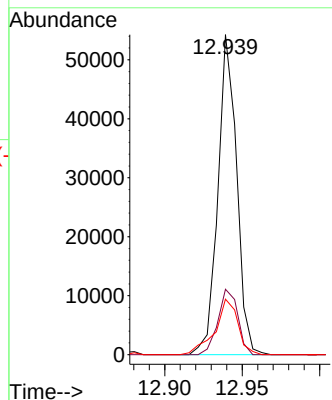
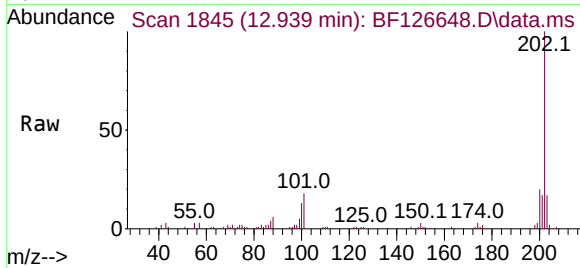




#78
Pyrene
Concen: 2.357 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

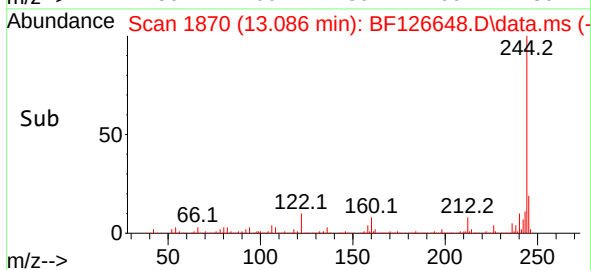
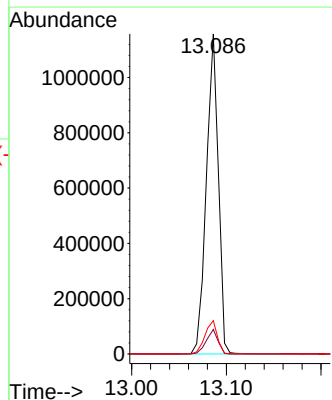
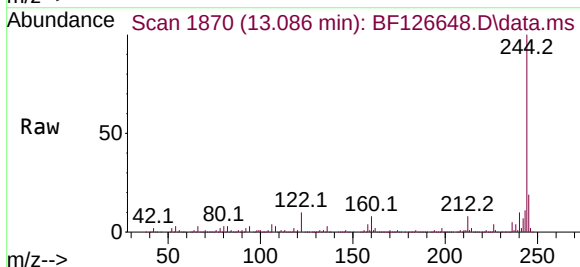
Instrument :
BNA_F
ClientSampleId :
72-11940

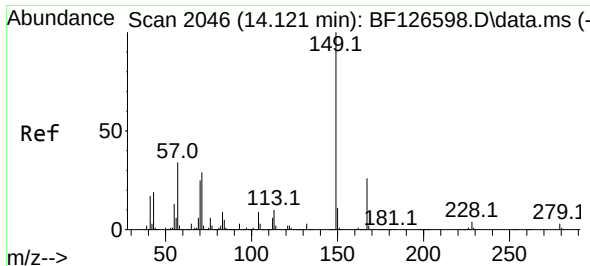
Tgt Ion:202 Resp: 45685
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.3 13.8 20.8



#79
Terphenyl-d14
Concen: 71.075 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

Tgt Ion:244 Resp: 1015707
Ion Ratio Lower Upper
244 100
212 7.6 5.0 7.4#
122 10.4 13.3 19.9#

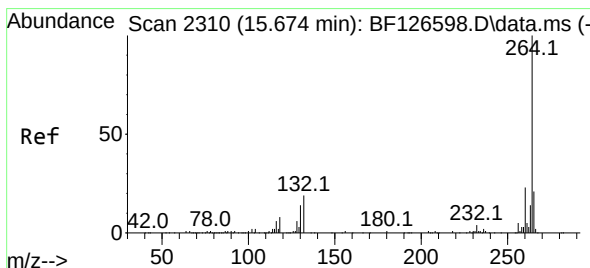
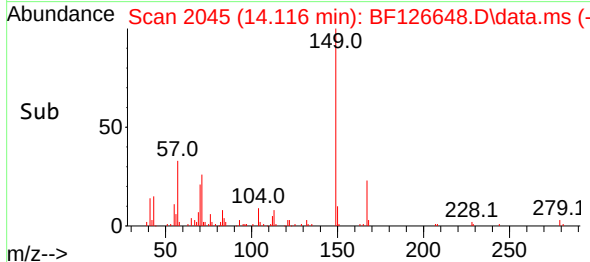
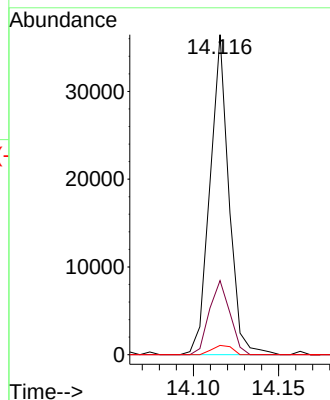
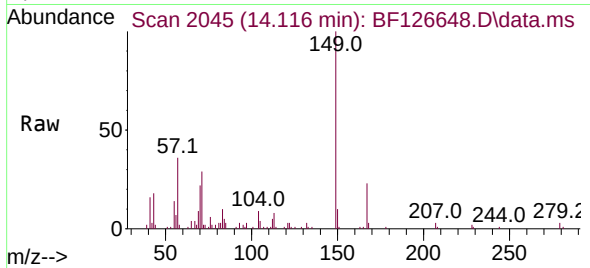




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.470 ng
 RT: 14.116 min Scan# 2045
 Delta R.T. -0.006 min
 Lab File: BF126648.D
 Acq: 24 Jan 2022 19:24

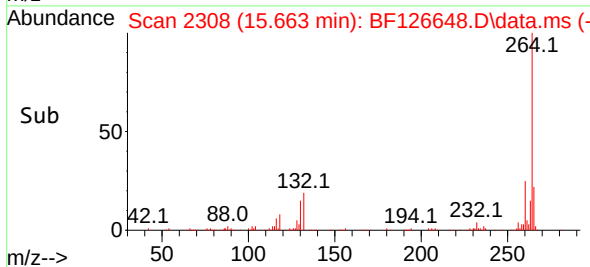
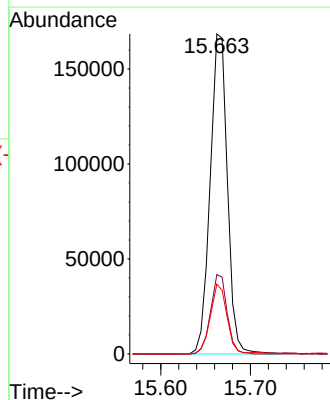
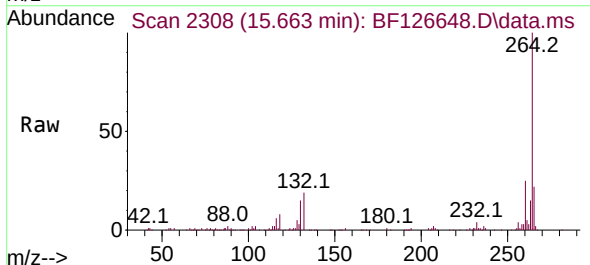
Instrument :
 BNA_F
 ClientSampleId :
 72-11940

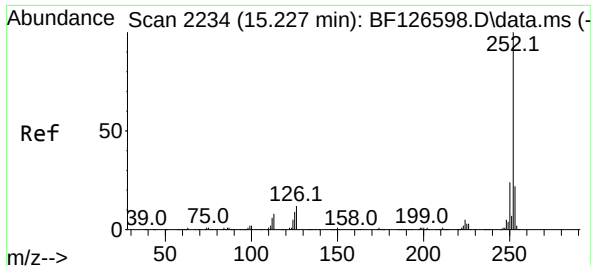
Tgt Ion:149 Resp: 28166
 Ion Ratio Lower Upper
 149 100
 167 23.1 21.4 32.2
 279 2.9 2.4 3.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 2308
 Delta R.T. -0.012 min
 Lab File: BF126648.D
 Acq: 24 Jan 2022 19:24

Tgt Ion:264 Resp: 224975
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.8 17.4 26.2

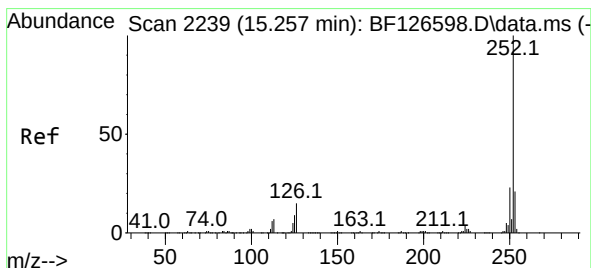
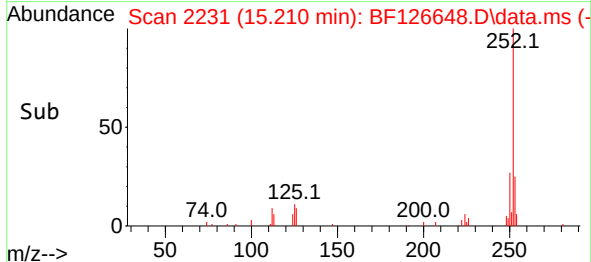
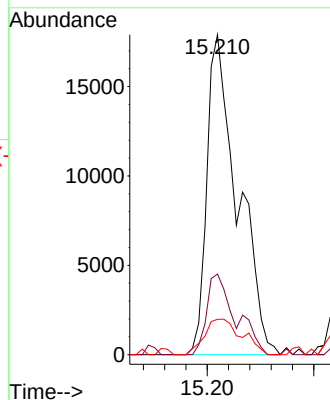
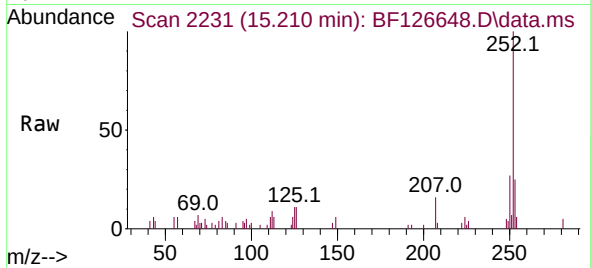




#88
Benzo(b)fluoranthene
Concen: 2.409 ng
RT: 15.210 min Scan# 2231
Delta R.T. -0.018 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

Instrument :
BNA_F
ClientSampleId :
72-11940

Tgt Ion:252 Resp: 35942
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.8
125 11.1 12.4 18.6#



#89
Benzo(k)fluoranthene
Concen: 2.454 ng
RT: 15.210 min Scan# 2231
Delta R.T. -0.047 min
Lab File: BF126648.D
Acq: 24 Jan 2022 19:24

Tgt Ion:252 Resp: 35942
Ion Ratio Lower Upper
252 100
253 25.2 17.5 26.3
125 11.1 11.8 17.6#

