

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126314.D
 Acq On : 22 Dec 2021 00:25
 Operator : JU/CG
 Sample : M5179-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:23:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

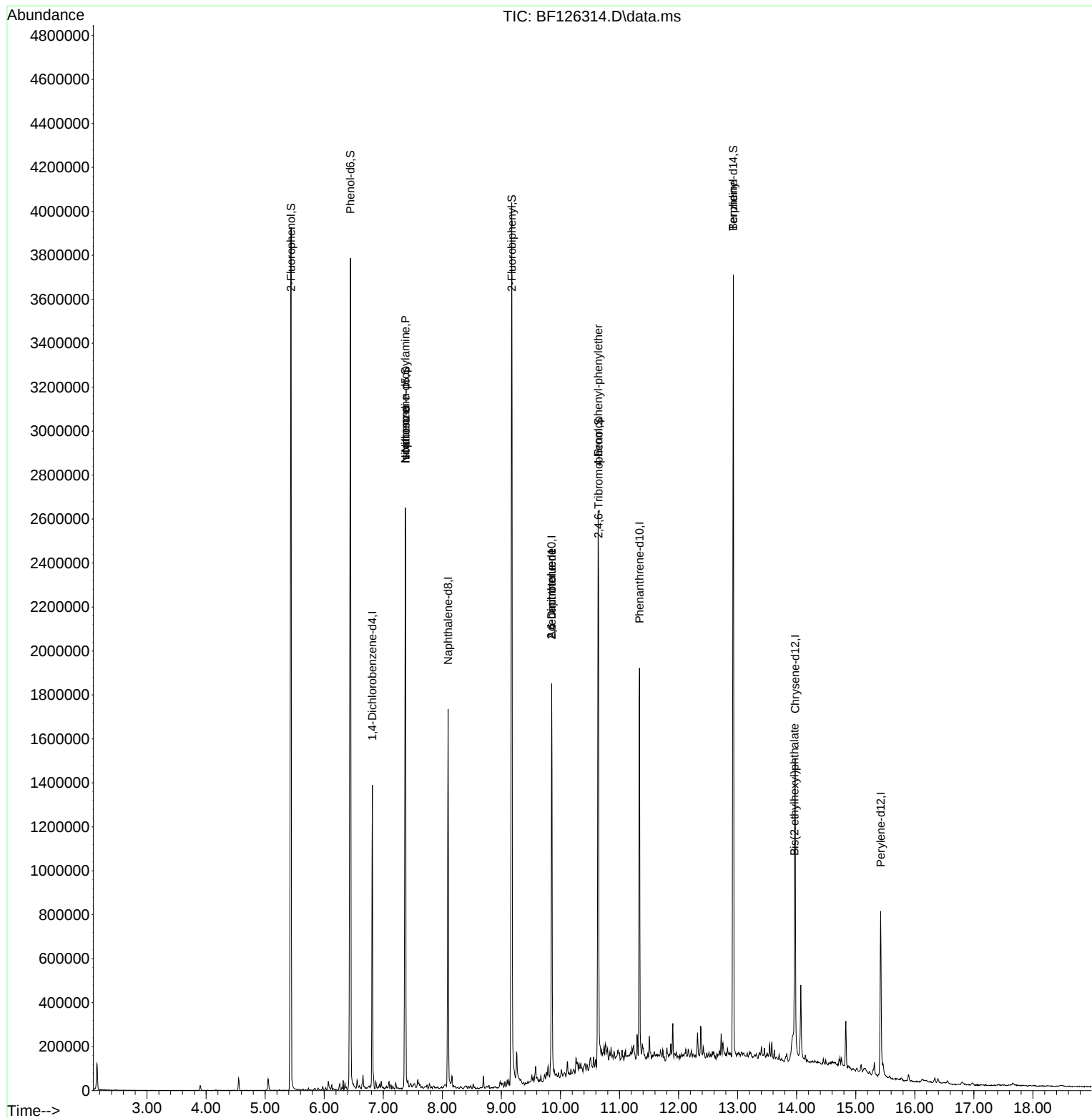
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	191069	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	850027	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	420042	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	672825	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	459847	20.000	ng	0.00
86) Perylene-d12	15.421	264	362031	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1299908	100.189	ng	0.02
7) Phenol-d6	6.445	99	1690029	102.586	ng	0.00
23) Nitrobenzene-d5	7.375	82	1131464	72.091	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	368937	109.294	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1543835	64.463	ng	0.00
79) Terphenyl-d14	12.927	244	1271677	48.067	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	144563	14.294	ng	# 54
25) Isophorone	7.375	82	1062272	35.841	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	53749	9.333	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	54243	7.384	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	19729	3.124	ng	# 1
77) Benzidine	12.927	184	15191	2.095	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.963	149	85536	3.850	ng	# 97

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

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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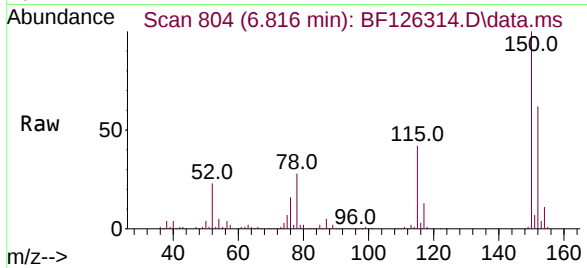
Quant Time: Dec 22 05:23:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



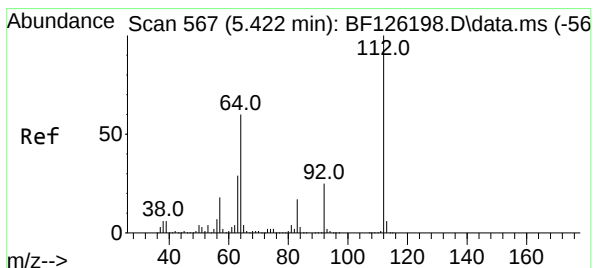
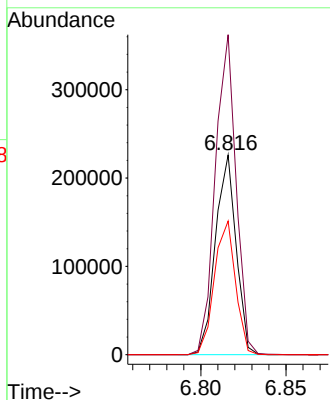
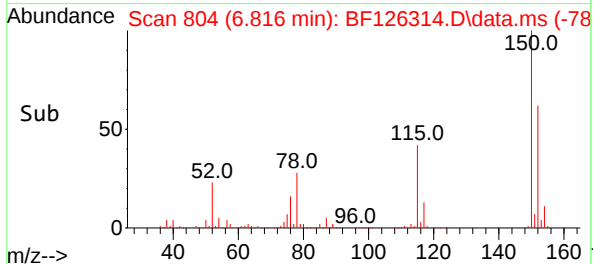


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

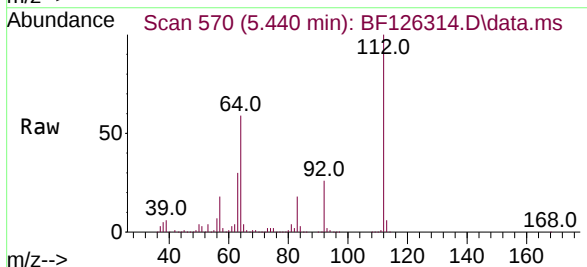
Instrument :
BNA_F
ClientSampleId :



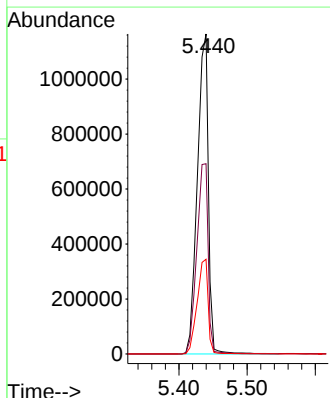
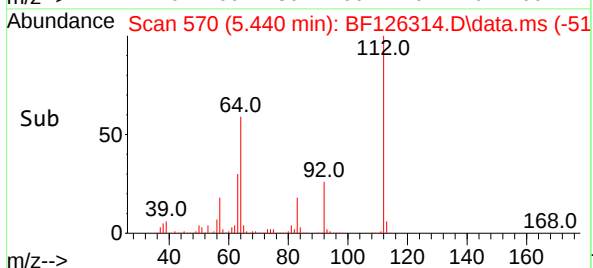
Tgt Ion:152 Resp: 191069
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 66.9 47.1 70.7

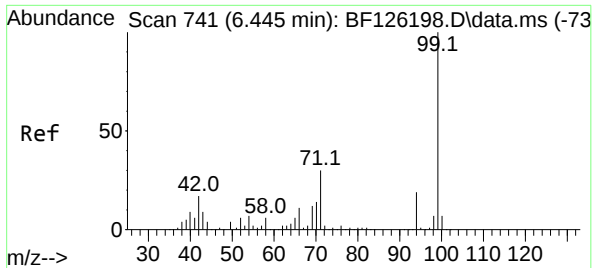


#5
2-Fluorophenol
Concen: 100.189 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25



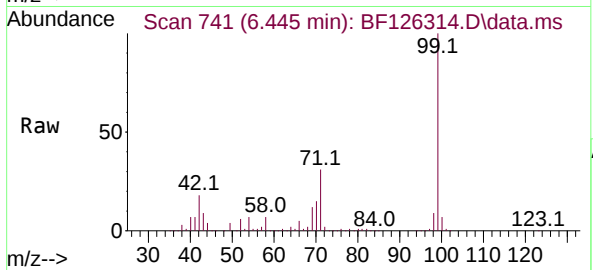
Tgt Ion:112 Resp: 1299908
Ion Ratio Lower Upper
112 100
64 59.5 44.2 66.2
63 29.6 26.2 39.2



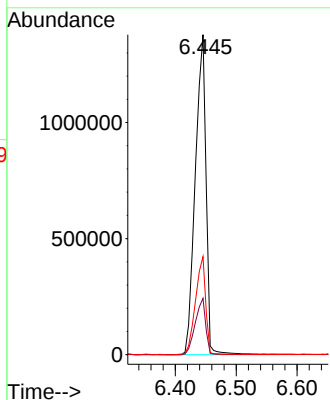
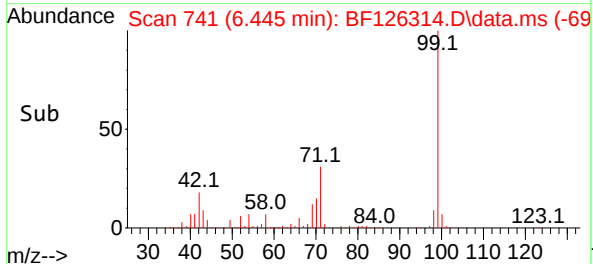


#7
Phenol-d6
Concen: 102.586 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

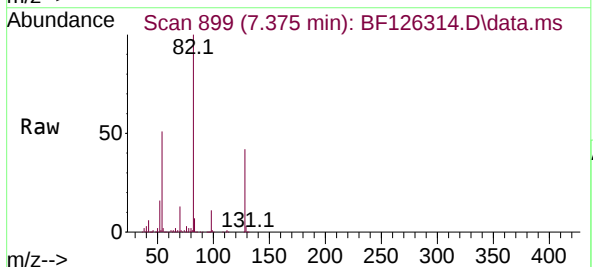
Instrument :
BNA_F
ClientSampleId :



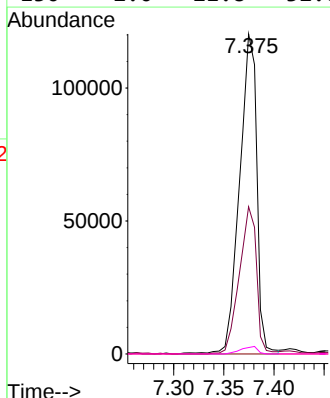
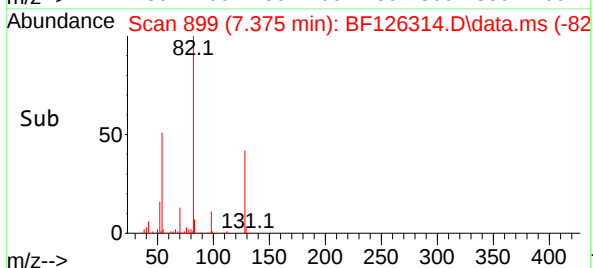
Tgt Ion: 99 Resp: 1690029
Ion Ratio Lower Upper
99 100
42 17.6 23.5 35.3#
71 30.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.294 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25



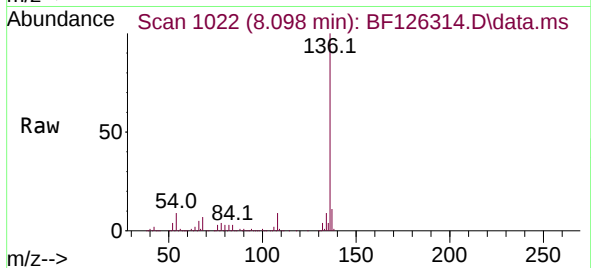
Tgt Ion: 70 Resp: 144563
Ion Ratio Lower Upper
70 100
42 46.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



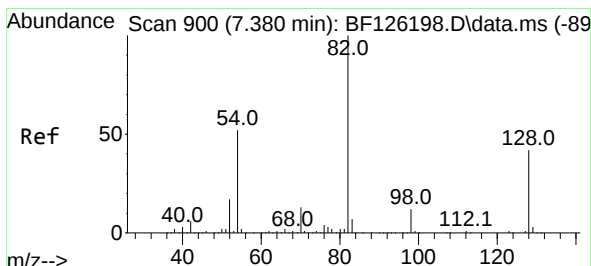
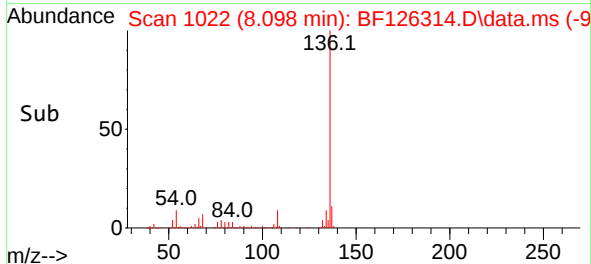
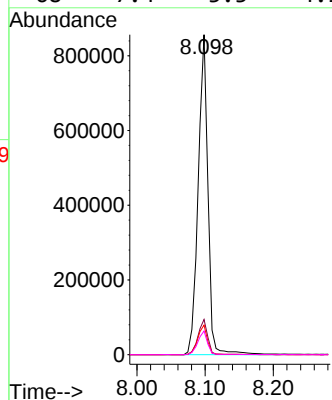


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

Instrument :
BNA_F
ClientSampleId :

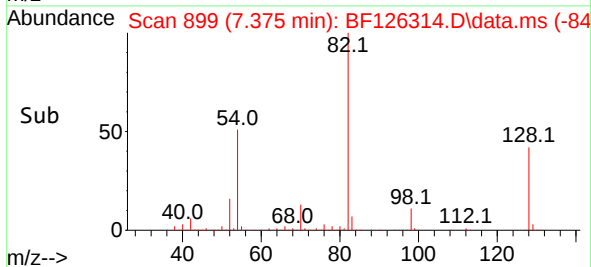
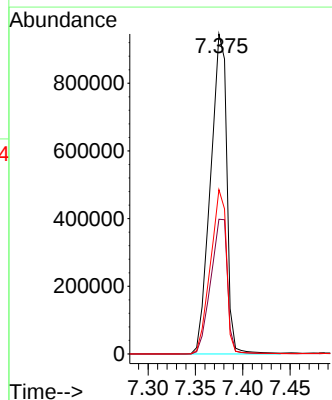
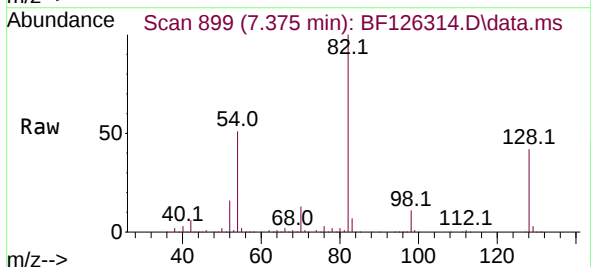


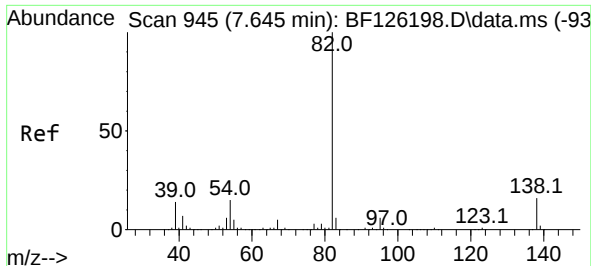
Tgt Ion:136 Resp: 850027
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.3 6.4 9.6
68 7.4 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 72.091 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

Tgt Ion: 82 Resp: 1131464
Ion Ratio Lower Upper
82 100
128 42.1 40.6 60.8
54 51.3 49.6 74.4

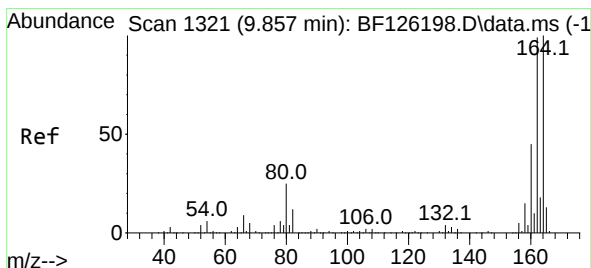
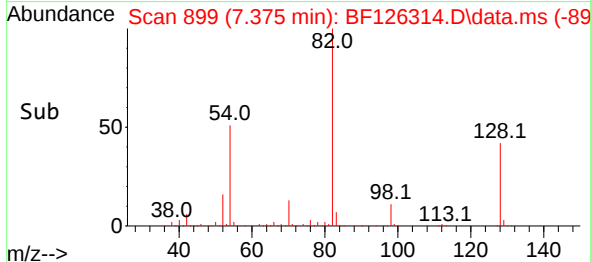
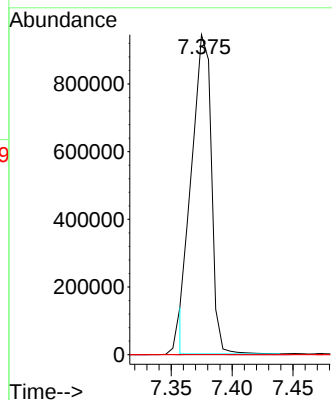
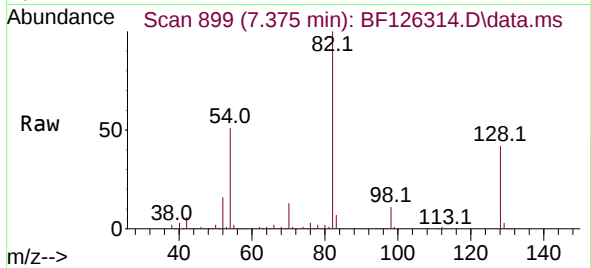




#25
Isophorone
Concen: 35.841 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

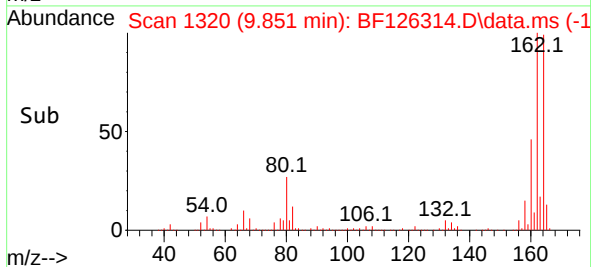
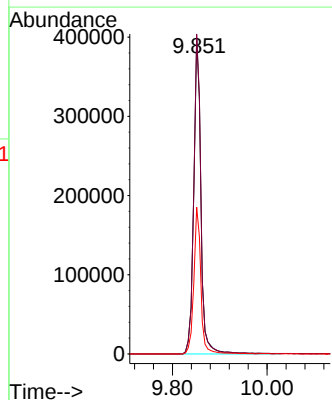
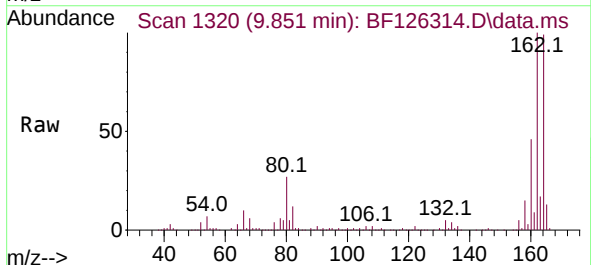
Instrument :
BNA_F
ClientSampleId :

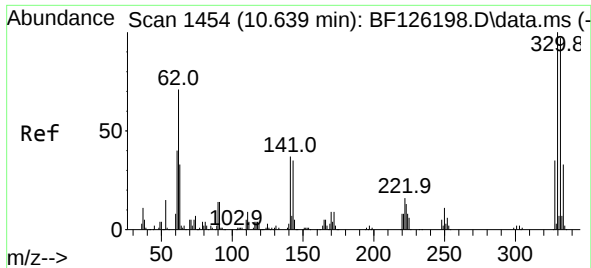
Tgt Ion: 82 Resp: 1062272
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

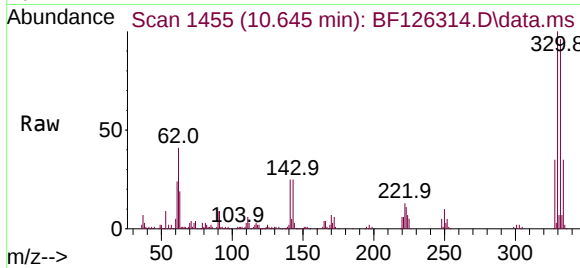
Tgt Ion:164 Resp: 420042
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 46.5 38.0 57.0



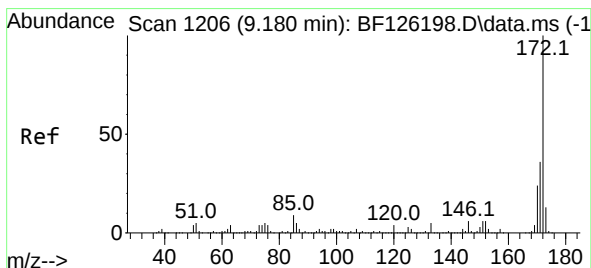
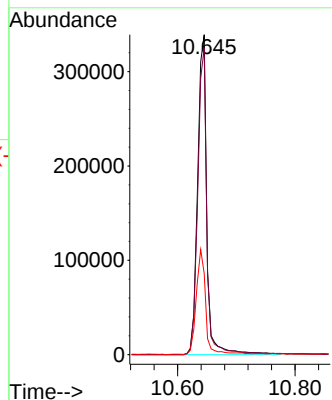
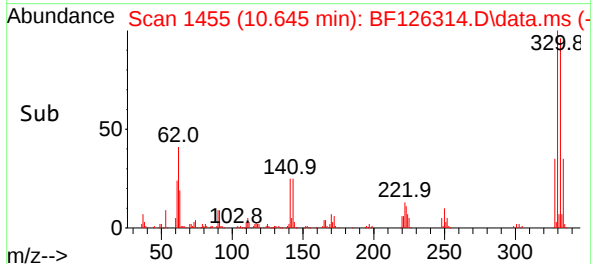


#42
 2,4,6-Tribromophenol
 Concen: 109.294 ng
 RT: 10.645 min Scan# 1454
 Delta R.T. 0.006 min
 Lab File: BF126314.D
 Acq: 22 Dec 2021 00:25

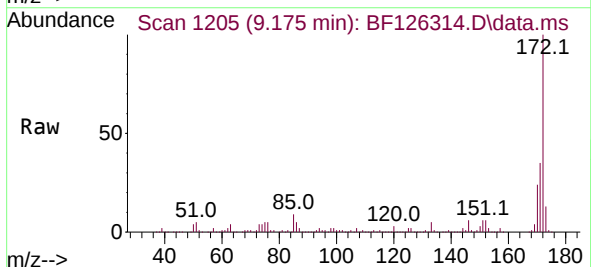
Instrument :
 BNA_F
 ClientSampleId :



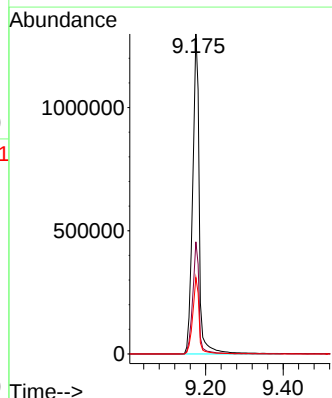
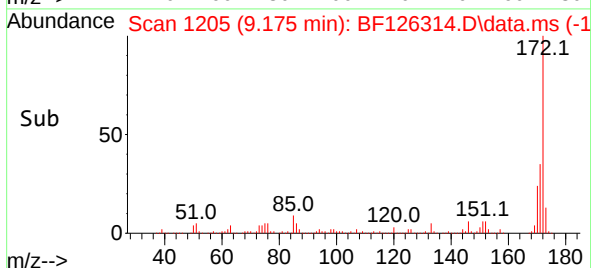
Tgt Ion:330 Resp: 368937
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.2 114.4
 141 33.1 44.6 66.8#

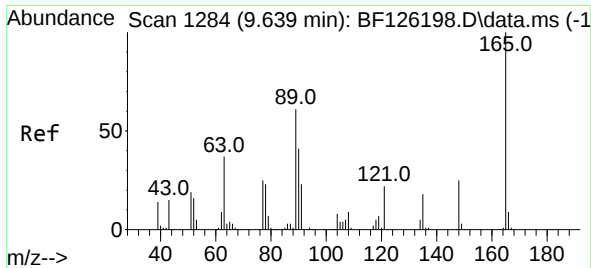


#45
 2-Fluorobiphenyl
 Concen: 64.463 ng
 RT: 9.175 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BF126314.D
 Acq: 22 Dec 2021 00:25



Tgt Ion:172 Resp: 1543835
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.5 39.7
 170 23.9 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.333 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126314.D

Acq: 22 Dec 2021 00:25

Instrument :

BNA_F

ClientSampleId :

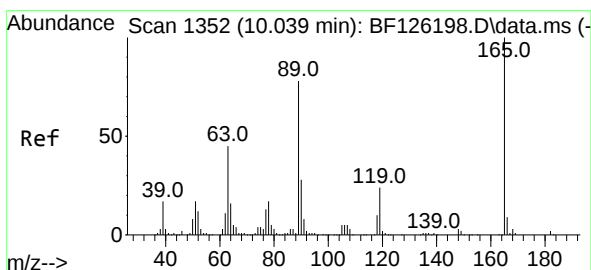
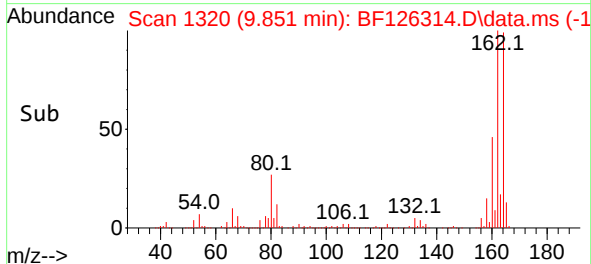
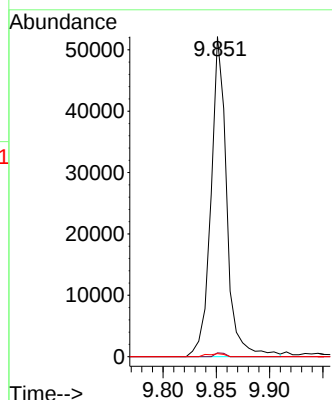
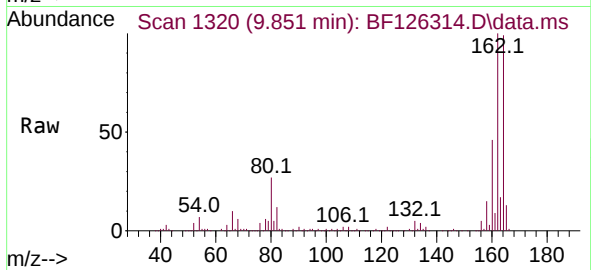
Tgt Ion:165 Resp: 53749

Ion Ratio Lower Upper

165 100

63 1.2 42.6 63.8#

89 1.0 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.384 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF126314.D

Acq: 22 Dec 2021 00:25

Tgt Ion:165 Resp: 54243

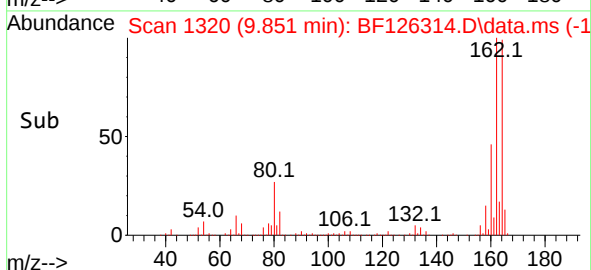
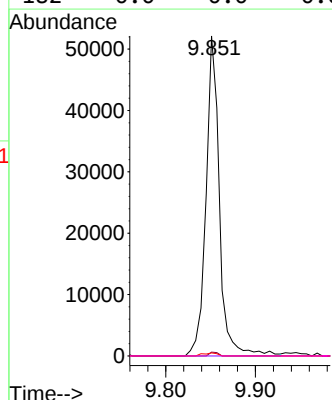
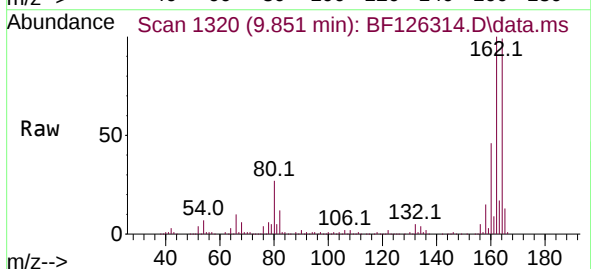
Ion Ratio Lower Upper

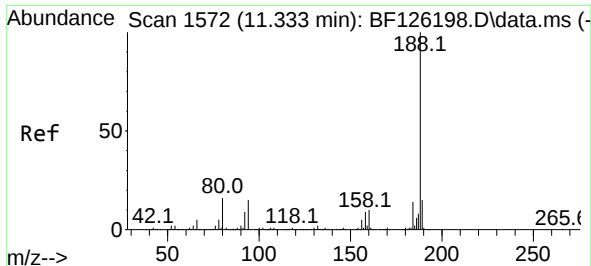
165 100

63 1.2 40.9 61.3#

89 1.0 59.7 89.5#

182 0.0 0.0 0.0

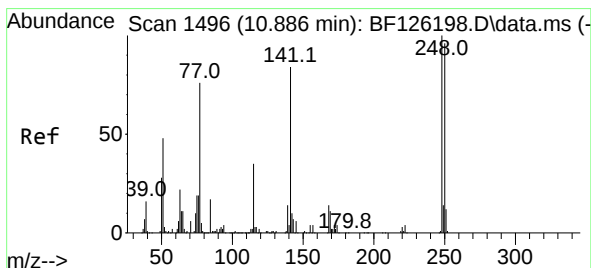
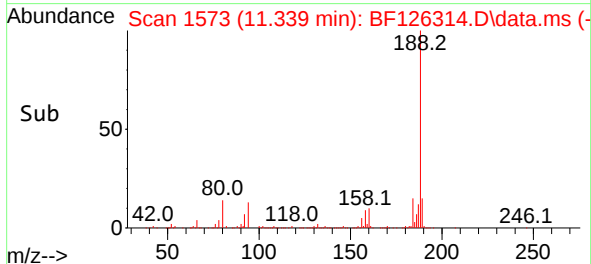
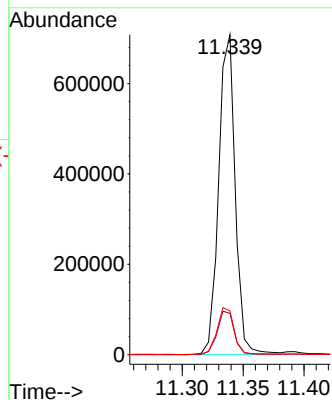
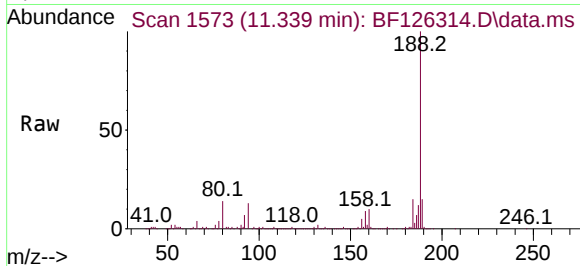




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

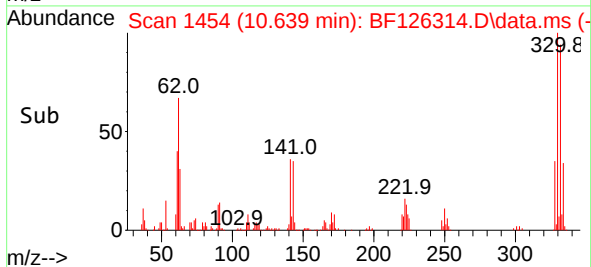
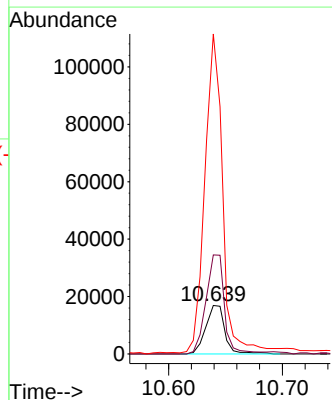
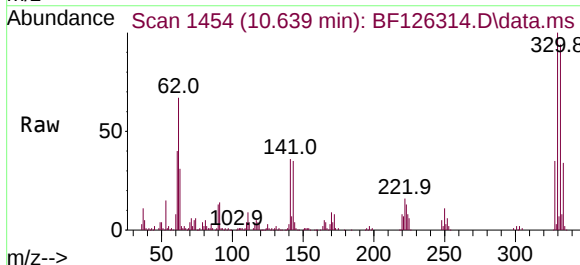
Instrument :
BNA_F
ClientSampleId :

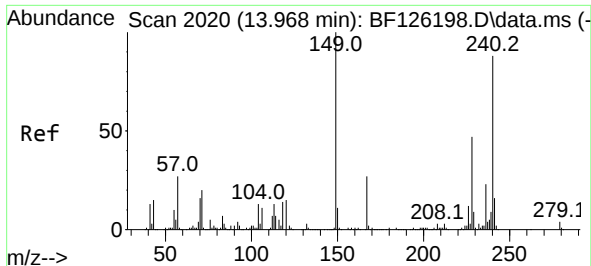
Tgt Ion:188 Resp: 672825
Ion Ratio Lower Upper
188 100
94 12.9 6.7 10.1#
80 13.7 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.124 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

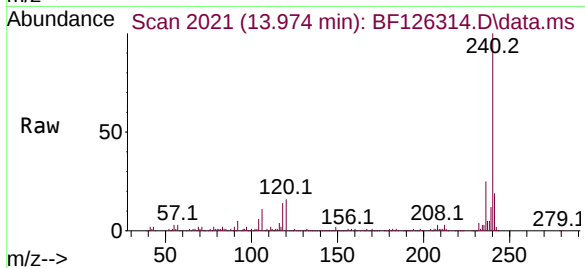
Tgt Ion:248 Resp: 19729
Ion Ratio Lower Upper
248 100
250 204.1 74.2 111.4#
141 659.2 60.4 90.6#



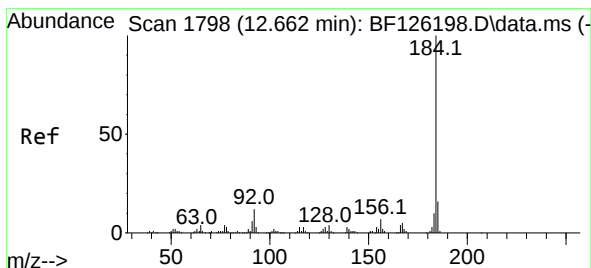
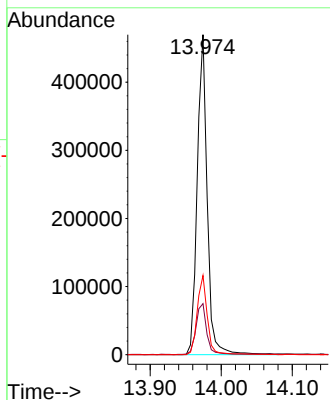
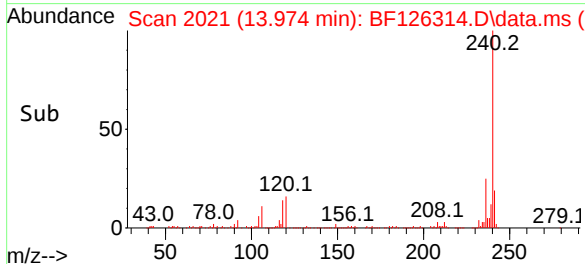


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

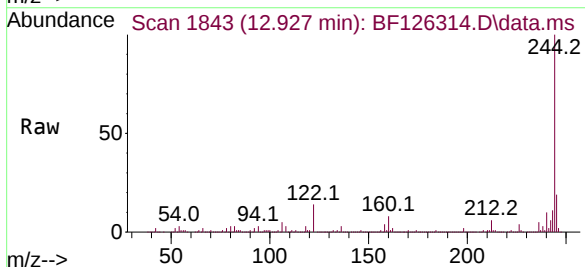
Instrument :
BNA_F
ClientSampleId :



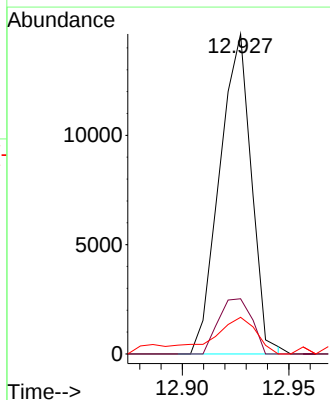
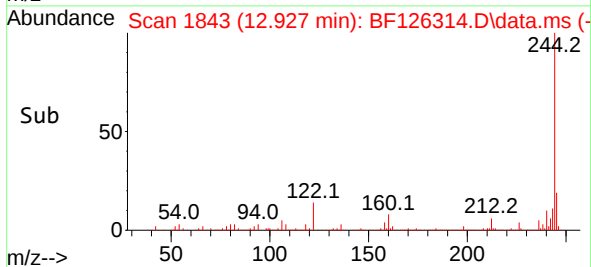
Tgt Ion:240 Resp: 459847
Ion Ratio Lower Upper
240 100
120 16.0 10.8 16.2
236 24.7 21.6 32.4

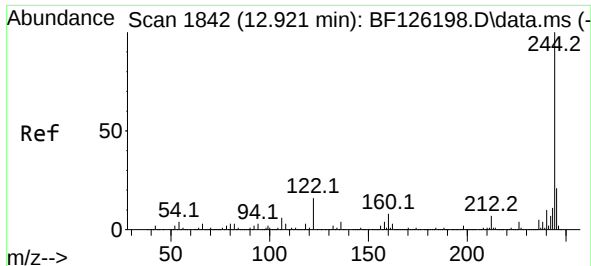


#77
Benzidine
Concen: 2.095 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25



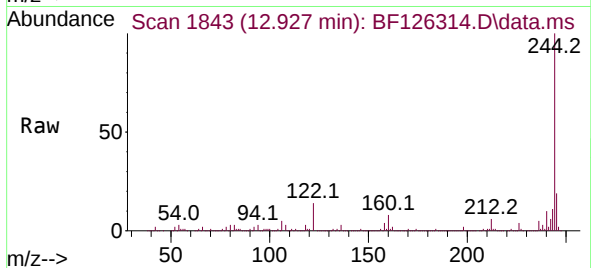
Tgt Ion:184 Resp: 15191
Ion Ratio Lower Upper
184 100
185 17.2 10.8 16.2#
183 11.5 8.1 12.1



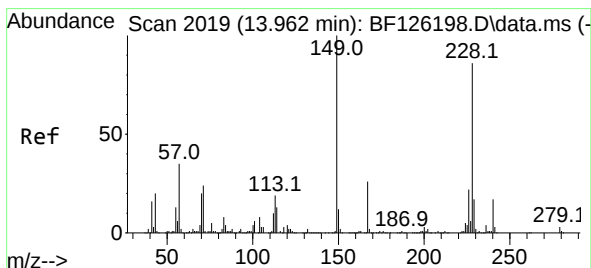
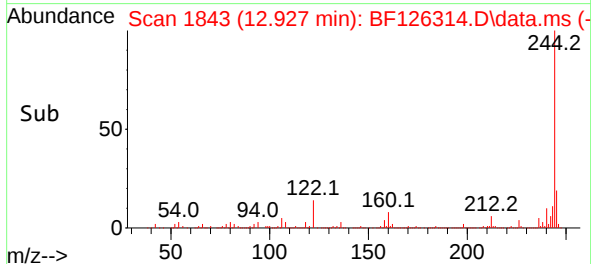
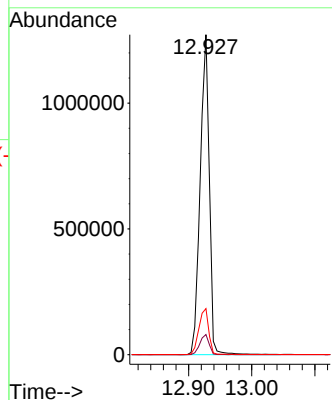


#79
 Terphenyl-d14
 Concen: 48.067 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126314.D
 Acq: 22 Dec 2021 00:25

Instrument :
 BNA_F
 ClientSampleId :

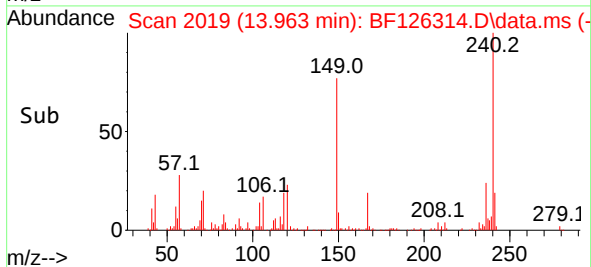
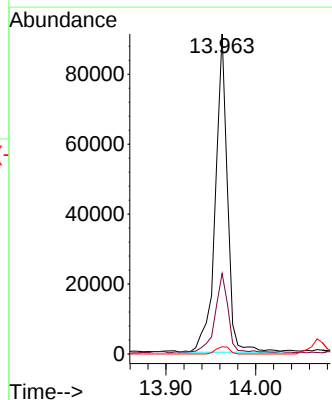
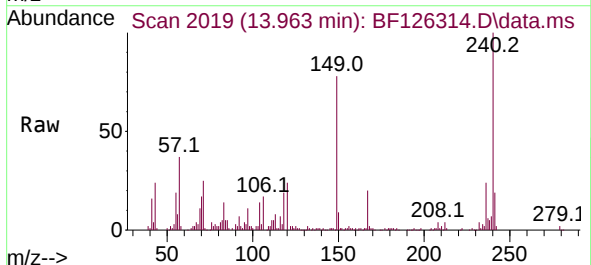


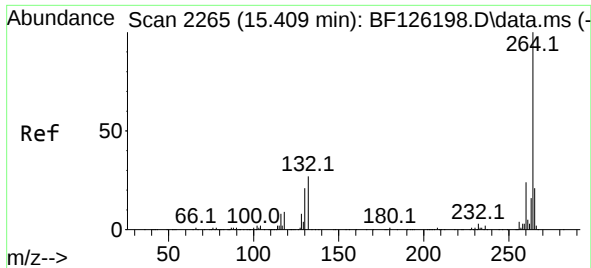
Tgt Ion:244 Resp: 1271677
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 14.4 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.850 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: BF126314.D
 Acq: 22 Dec 2021 00:25

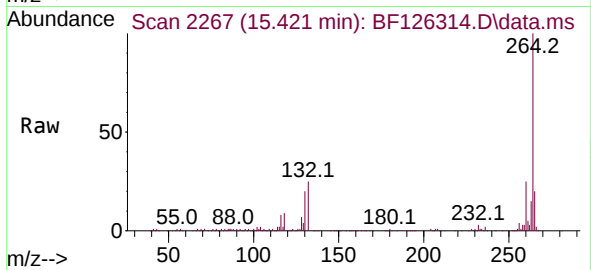
Tgt Ion:149 Resp: 85536
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.4 32.0
 279 2.3 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF126314.D
 Acq: 22 Dec 2021 00:25

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 362031
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 20.2 17.2 25.8

