

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125843.D
 Acq On : 14 Oct 2021 14:23
 Operator : JU/CG
 Sample : M4041-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Quant Time: Oct 15 10:38:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 12:29:41 2021
 Response via : Initial Calibration

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

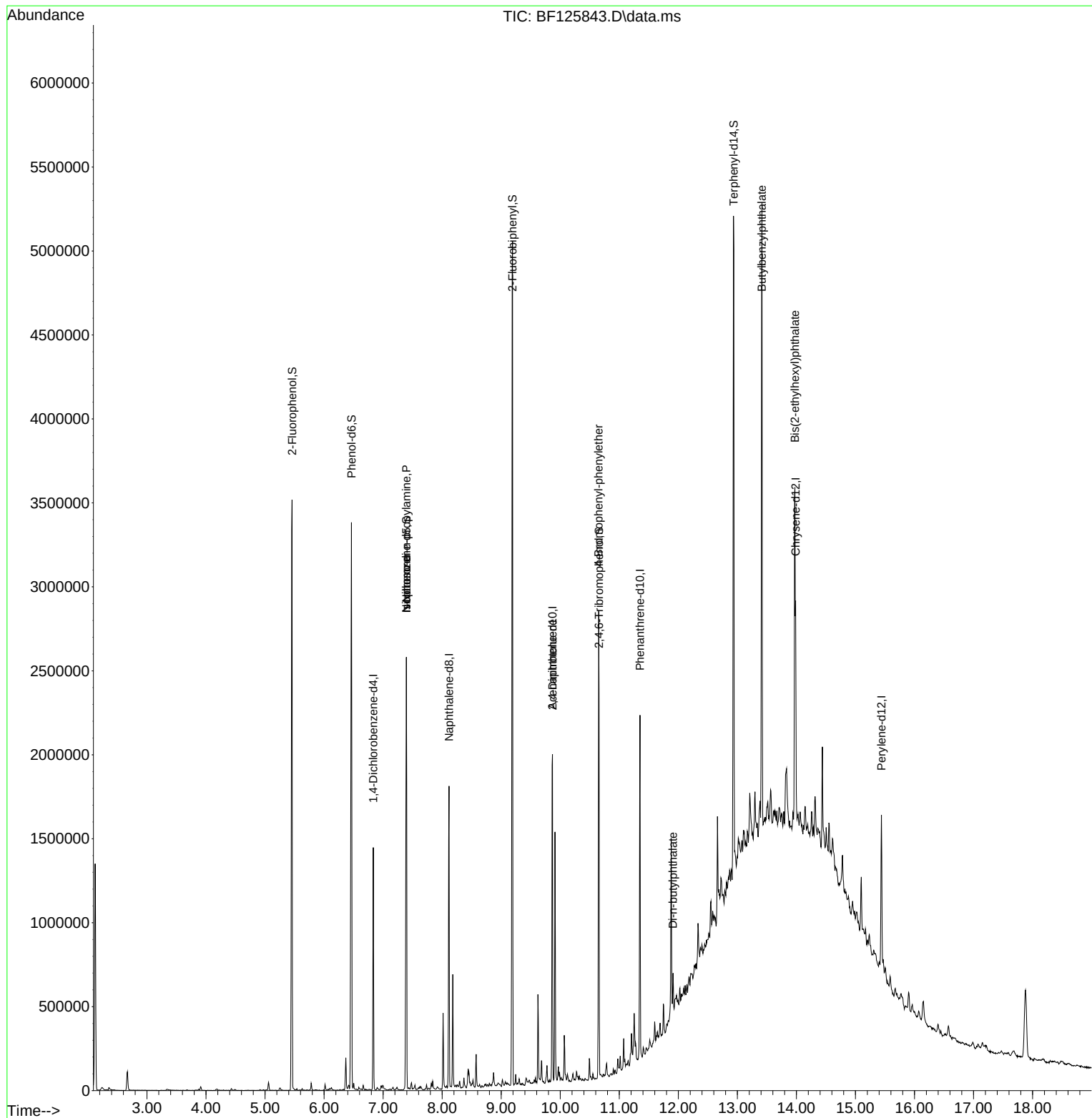
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	203255	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	819273	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	431818	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	705449	20.000	ng	-0.01
76) Chrysene-d12	13.986	240	413179	20.000	ng	-0.01
86) Perylene-d12	15.439	264	415070	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1164381	93.585	ng	0.00
7) Phenol-d6	6.463	99	1502415	93.802	ng	-0.01
23) Nitrobenzene-d5	7.392	82	916195	69.514	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	365008	85.615	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1760914	70.337	ng	-0.01
79) Terphenyl-d14	12.939	244	1507906	55.591	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	114481	13.540	ng	# 51
25) Isophorone	7.392	82	913428	39.119	ng	# 59
57) 2,4-Dinitrotoluene	9.869	165	55892	7.693	ng	# 20
67) 4-Bromophenyl-phenylether	10.651	248	20358	2.606	ng	# 1
74) Di-n-butylphthalate	11.910	149	97633	2.521	ng	98
80) Butylbenzylphthalate	13.415	149	991476	73.689	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	682014	46.585	ng	# 98

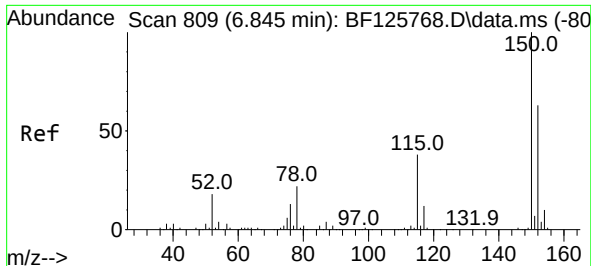
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125843.D
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BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
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Response via : Initial Calibration

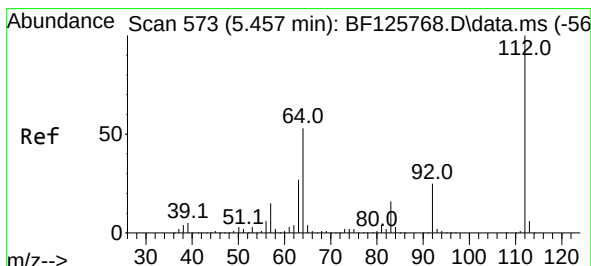
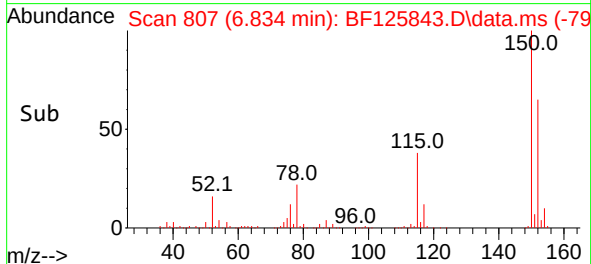
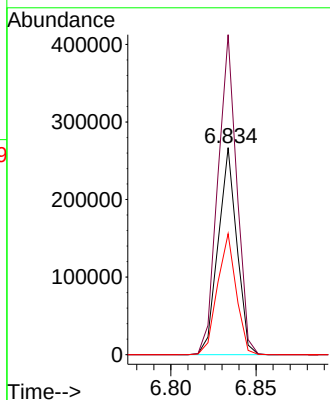
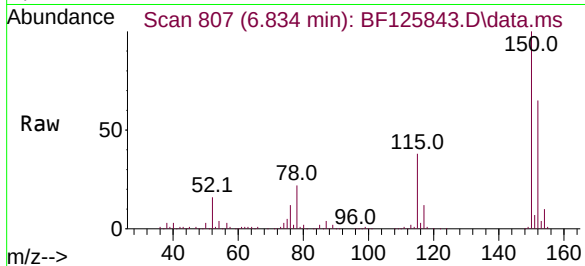




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

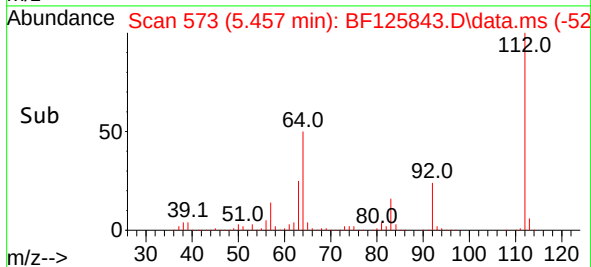
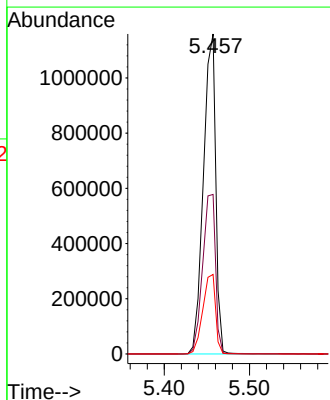
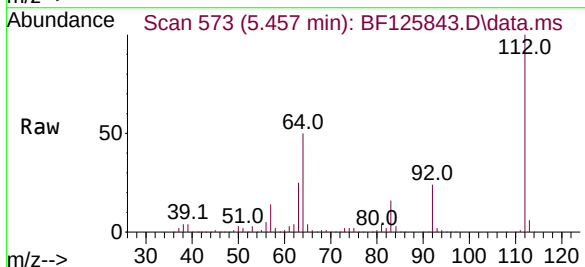
Instrument :
BNA_F
ClientSampled :
S-2

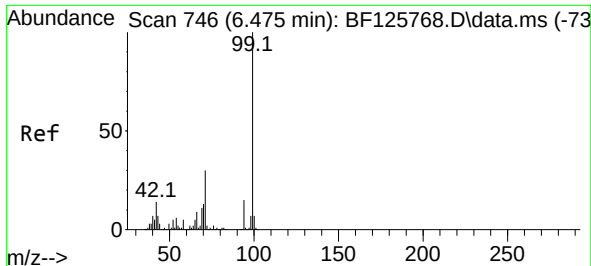
Tgt Ion:152 Resp: 203255
Ion Ratio Lower Upper
152 100
150 154.5 117.6 176.4
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 93.585 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

Tgt Ion:112 Resp: 1164381
Ion Ratio Lower Upper
112 100
64 49.9 44.2 66.2
63 24.9 26.2 39.2#

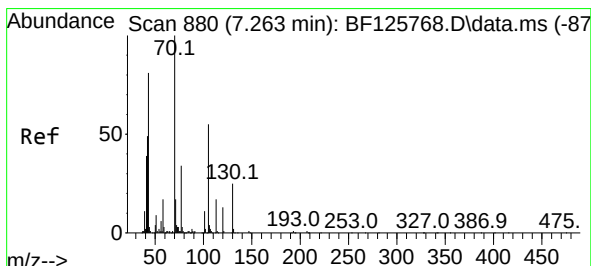
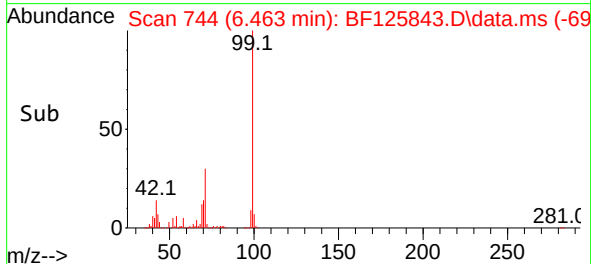
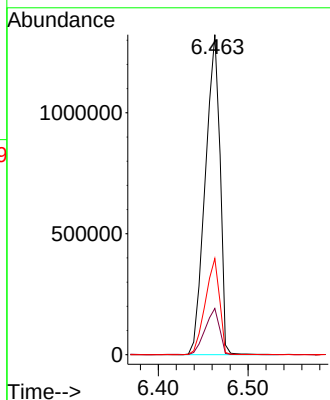
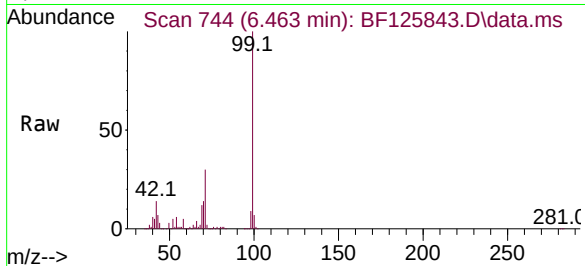




#7
Phenol-d6
Concen: 93.802 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

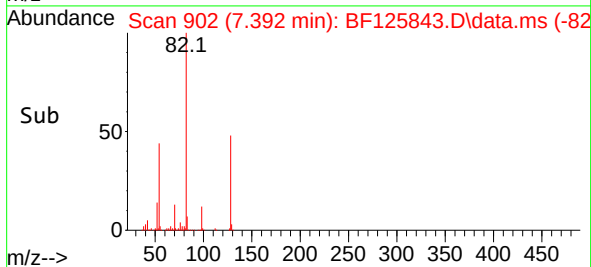
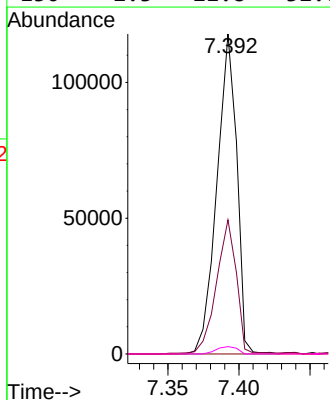
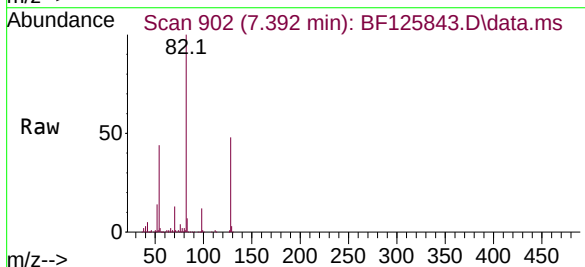
Instrument :
BNA_F
ClientSampleId :
S-2

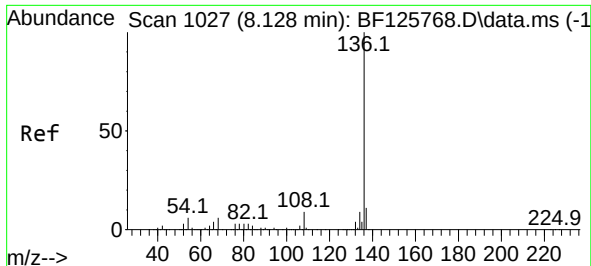
Tgt Ion: 99 Resp: 1502415
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 30.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.540 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.129 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

Tgt Ion: 70 Resp: 114481
Ion Ratio Lower Upper
70 100
42 41.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

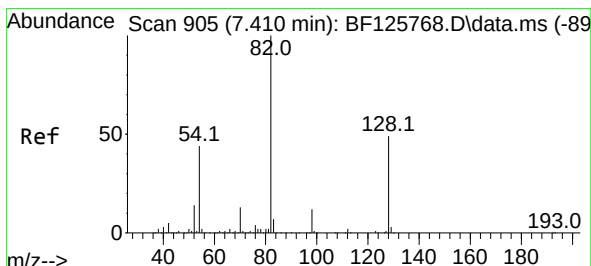
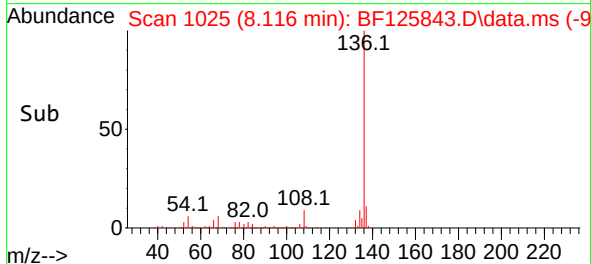
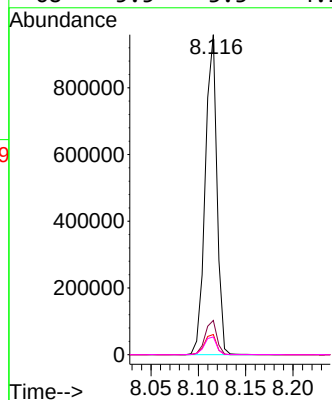
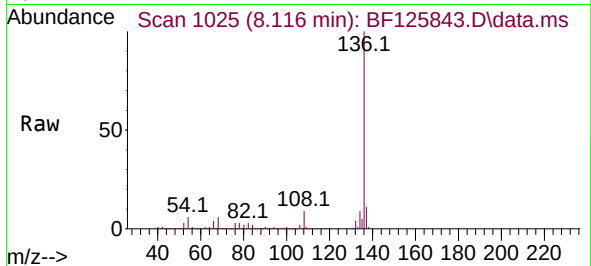




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

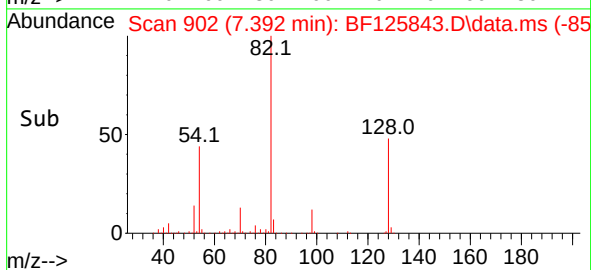
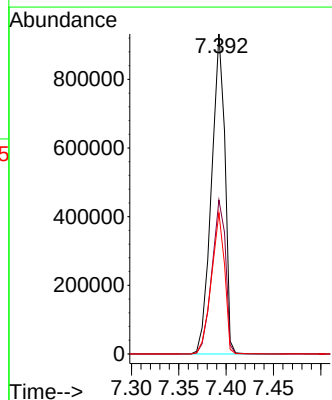
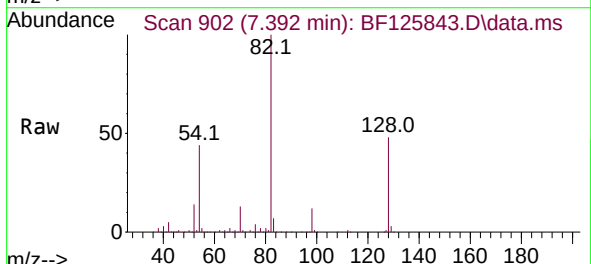
Instrument :
BNA_F
ClientSampled :
S-2

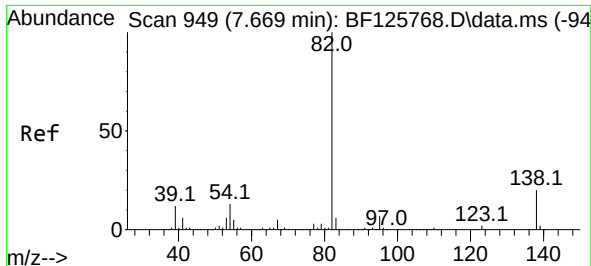
Tgt Ion:	136	Resp:	819273
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	6.3	6.4	9.6#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 69.514 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

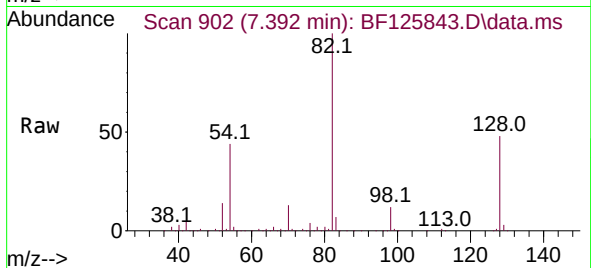
Tgt Ion:	82	Resp:	916195
Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.6	60.8
54	44.1	49.6	74.4#



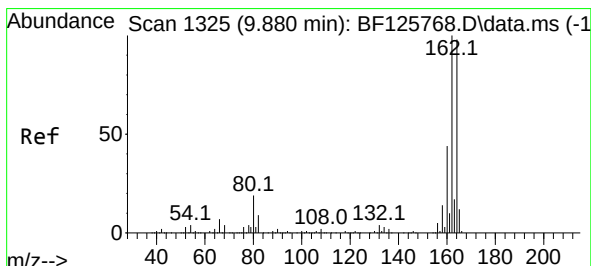
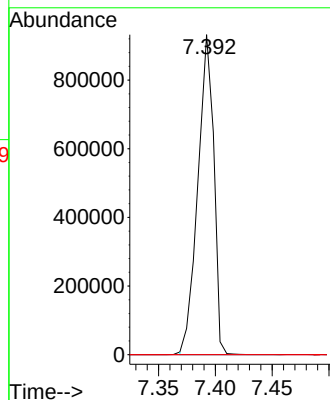
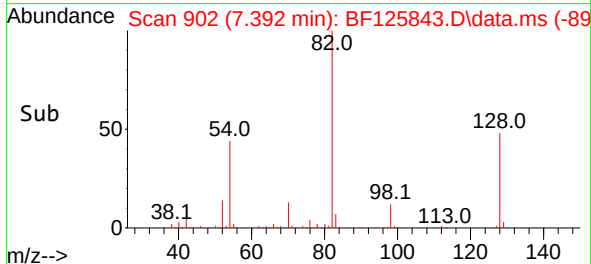


#25
Isophorone
Concen: 39.119 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.277 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

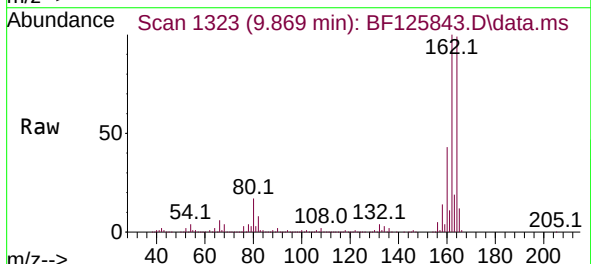
Instrument :
BNA_F
ClientSampleId :
S-2



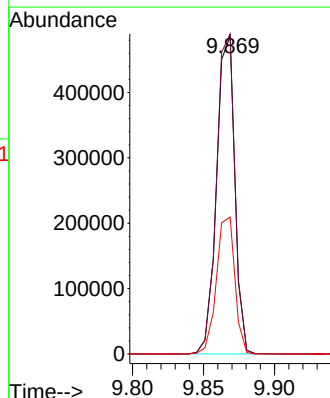
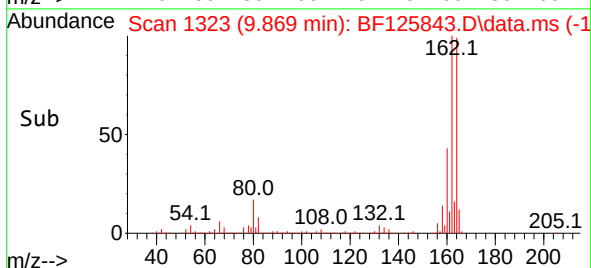
Tgt Ion: 82 Resp: 913428
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

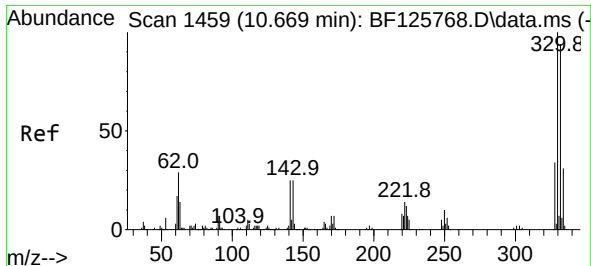


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23



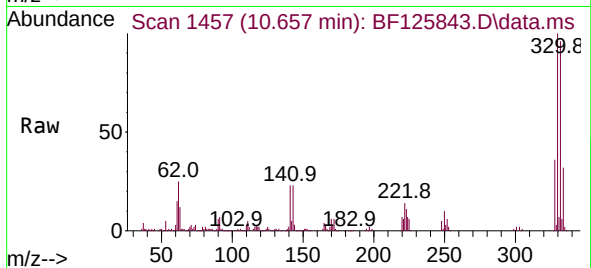
Tgt Ion: 164 Resp: 431818
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 43.1 38.0 57.0



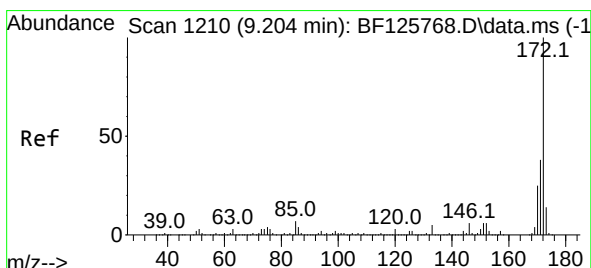
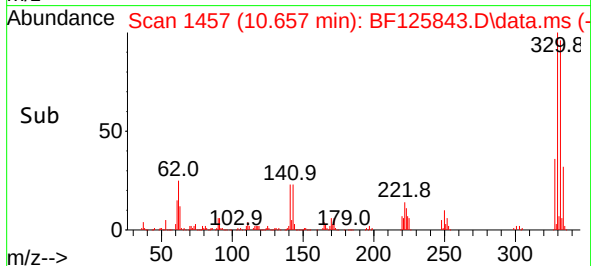
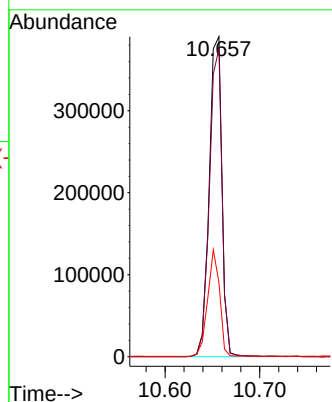


#42
2,4,6-Tribromophenol
Concen: 85.615 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

Instrument :
BNA_F
ClientSampleId :
S-2

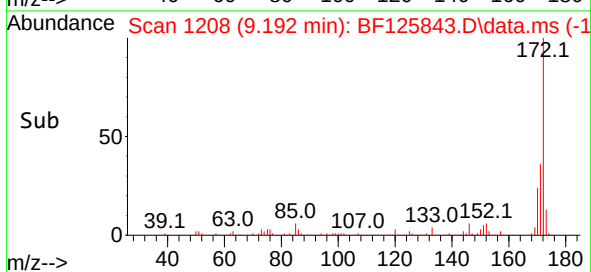
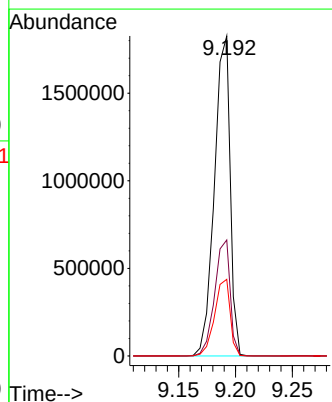
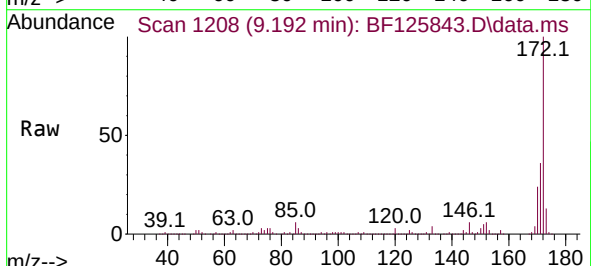


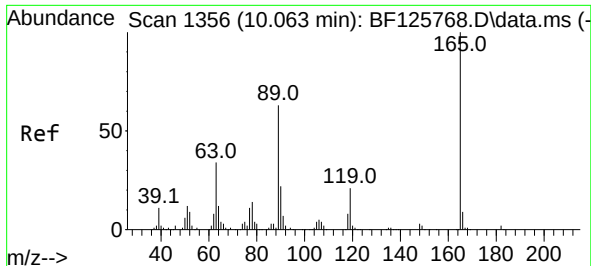
Tgt Ion:330 Resp: 365008
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.337 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

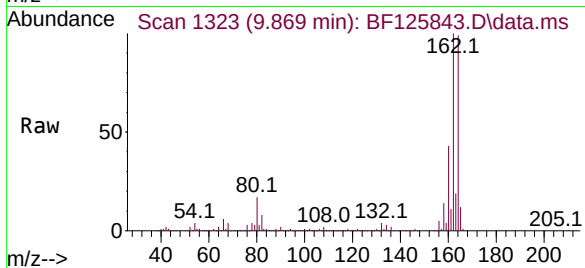
Tgt Ion:172 Resp: 1760914
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 23.9 18.8 28.2



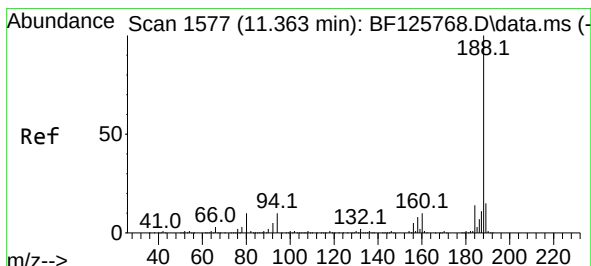
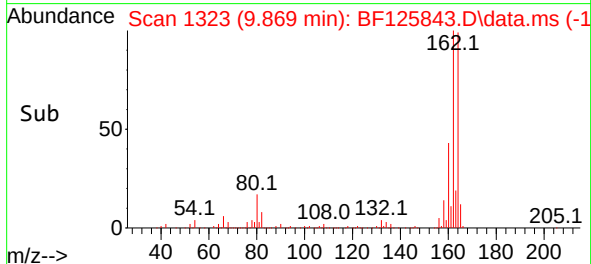
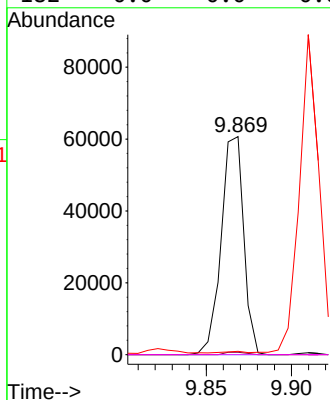


#57
2,4-Dinitrotoluene
Concen: 7.693 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

Instrument :
BNA_F
ClientSampled :
S-2

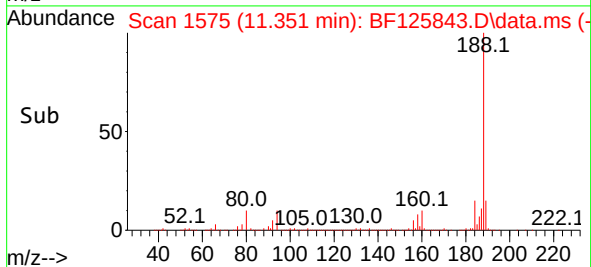
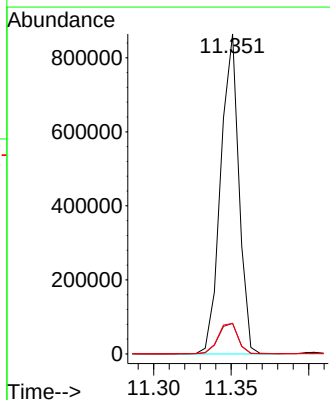
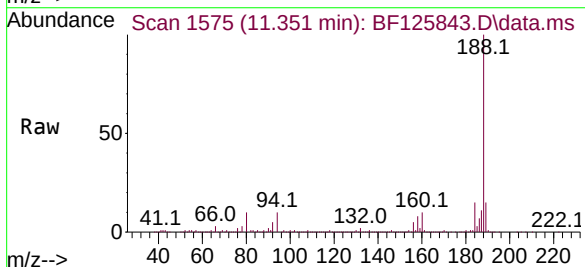


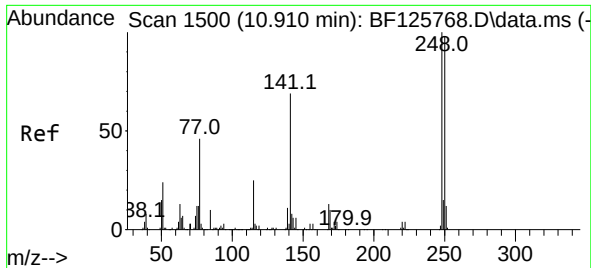
Tgt Ion:165 Resp: 55892
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

Tgt Ion:188 Resp: 705449
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 9.6 7.5 11.3

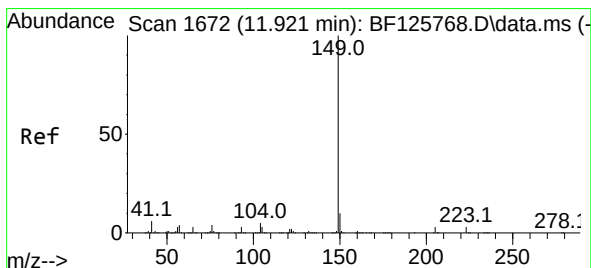
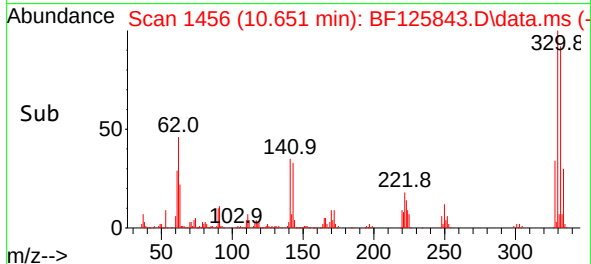
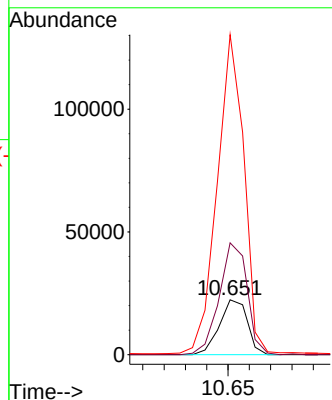
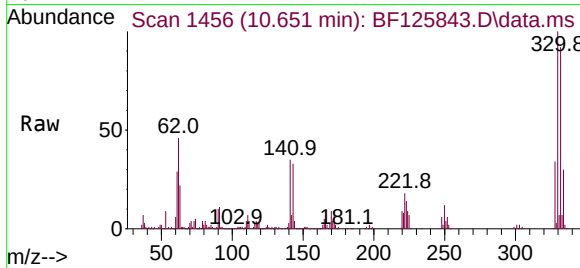




#67
4-Bromophenyl-phenylether
Concen: 2.606 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.259 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

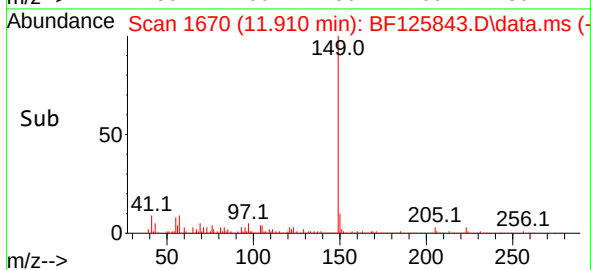
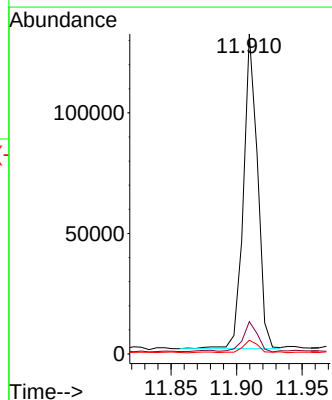
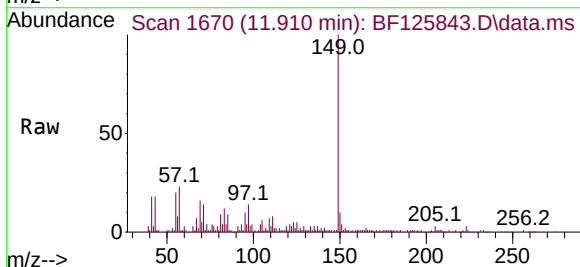
Instrument :
BNA_F
ClientSampled :
S-2

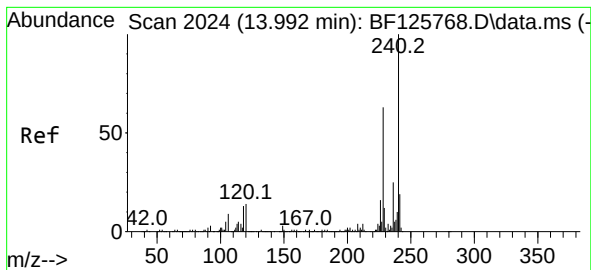
Tgt Ion:248 Resp: 20358
Ion Ratio Lower Upper
248 100
250 203.8 74.2 111.4#
141 582.5 60.4 90.6#



#74
Di-n-butylphthalate
Concen: 2.521 ng
RT: 11.910 min Scan# 1670
Delta R.T. -0.018 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

Tgt Ion:149 Resp: 97633
Ion Ratio Lower Upper
149 100
150 10.1 7.4 11.2
104 4.3 4.1 6.1

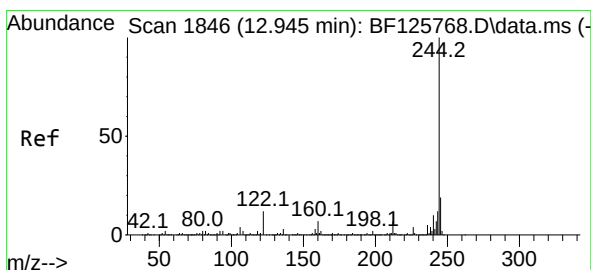
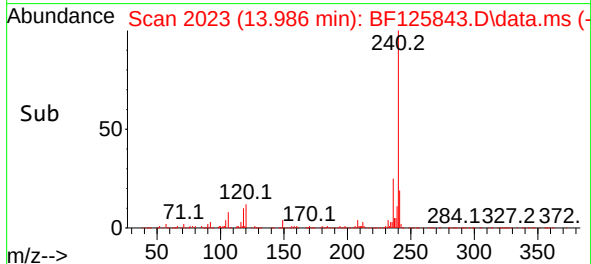
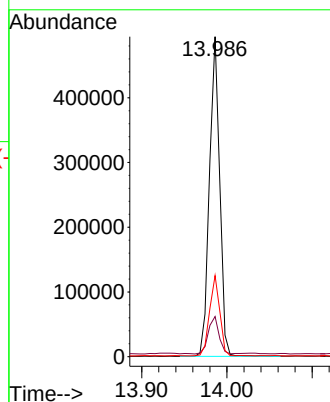
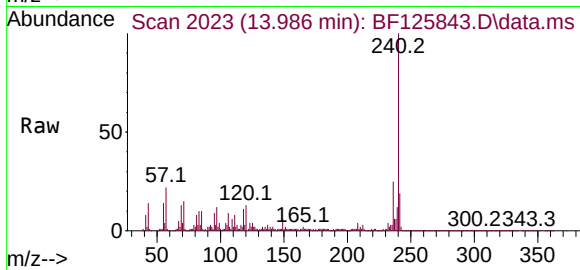




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

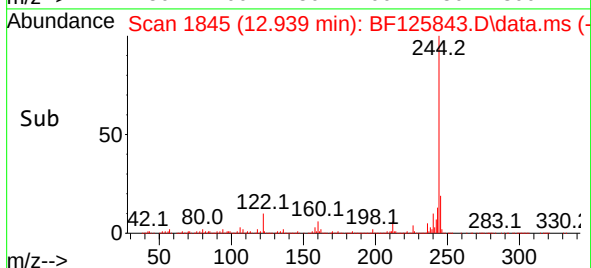
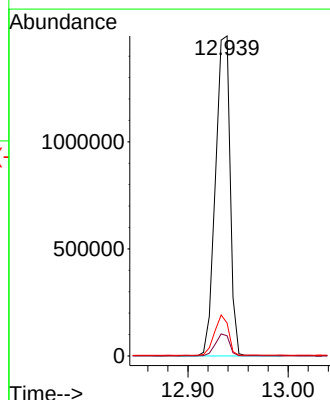
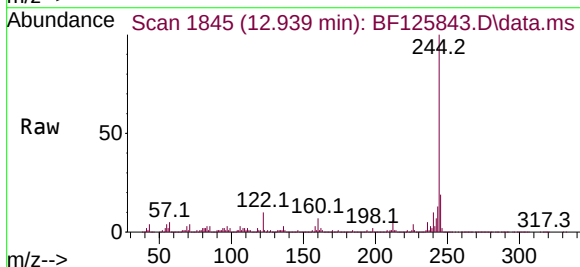
Instrument :
BNA_F
ClientSampled :
S-2

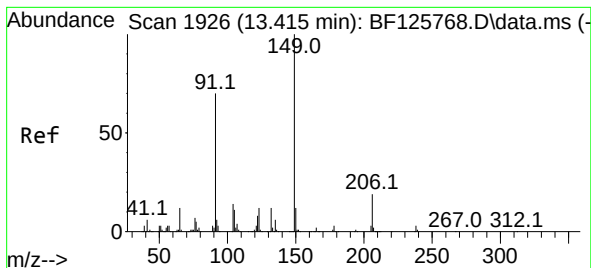
Tgt Ion:240	Resp: 413179
Ion Ratio	Lower Upper
240 100	
120 12.6	10.8 16.2
236 25.4	21.6 32.4



#79
Terphenyl-d14
Concen: 55.591 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

Tgt Ion:244	Resp: 1507906
Ion Ratio	Lower Upper
244 100	
212 6.3	5.9 8.9
122 10.3	9.0 13.4

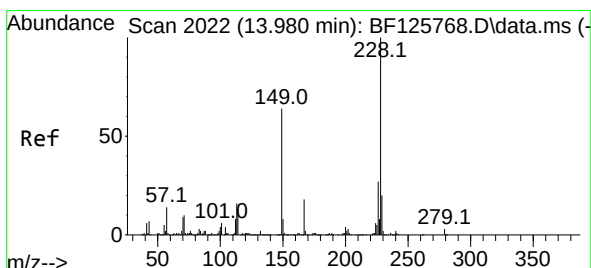
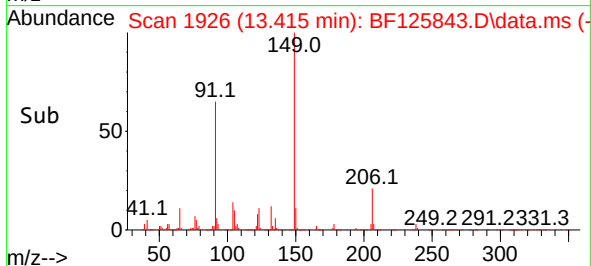
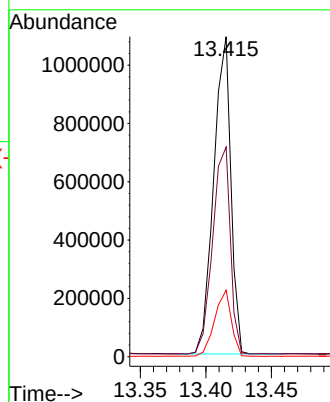
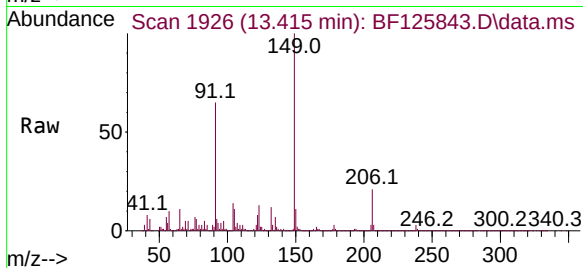




#80
Butylbenzylphthalate
Concen: 73.689 ng
RT: 13.415 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

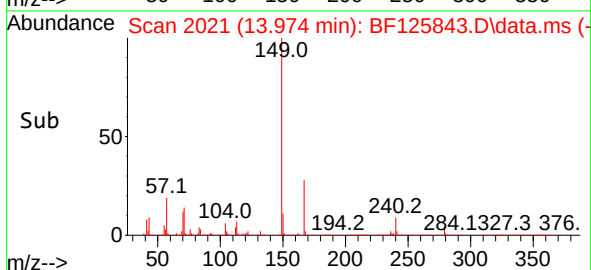
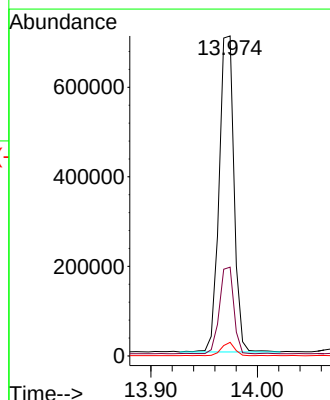
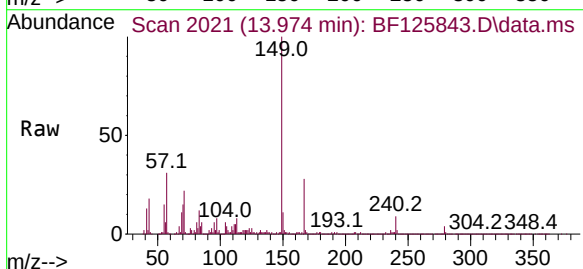
Instrument :
BNA_F
ClientSampleId :
S-2

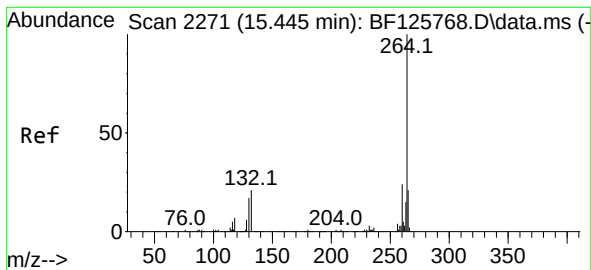
Tgt Ion:149 Resp: 991476
Ion Ratio Lower Upper
149 100
91 65.5 51.8 77.8
206 20.7 14.5 21.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.585 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF125843.D
Acq: 14 Oct 2021 14:23

Tgt Ion:149 Resp: 682014
Ion Ratio Lower Upper
149 100
167 27.7 21.4 32.0
279 4.2 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.012 min
 Lab File: BF125843.D
 Acq: 14 Oct 2021 14:23

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Tgt Ion:264	Resp:	415070
Ion	Ratio	Lower Upper
264	100	
260	24.6	19.6 29.4
265	21.4	17.2 25.8

