

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125806.D
 Acq On : 12 Oct 2021 17:27
 Operator : JU/CG
 Sample : M4169-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 13 09:44:16 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 07 17:16:23 2021
 Response via : Initial Calibration

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

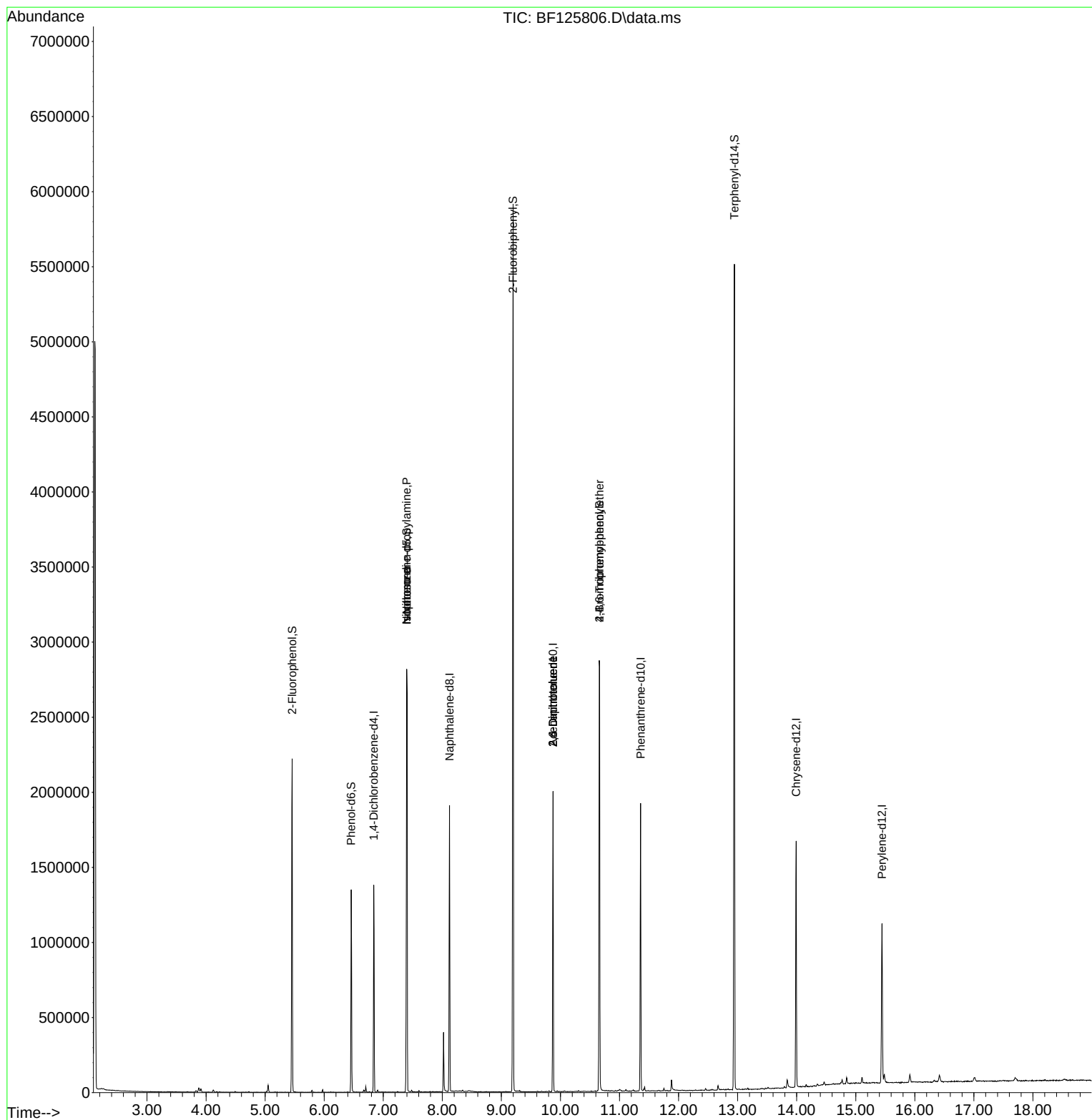
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	203907	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	793610	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	379916	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	640489	20.000	ng	0.00
76) Chrysene-d12	13.992	240	540042	20.000	ng	0.00
86) Perylene-d12	15.445	264	443934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	646539	51.798	ng	0.00
7) Phenol-d6	6.457	99	437006	27.197	ng	-0.02
23) Nitrobenzene-d5	7.398	82	1001026	78.406	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	394142	105.078	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1790284	81.279	ng	0.00
79) Terphenyl-d14	12.945	244	1870695	52.765	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	125204	14.761	ng	# 52
25) Isophorone	7.398	82	997518	44.101	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	48165	9.528	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	48165	7.535	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	22261	3.138	ng	# 1

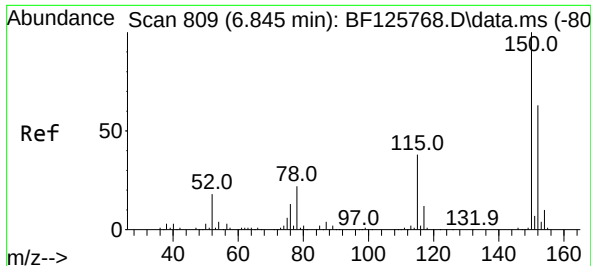
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
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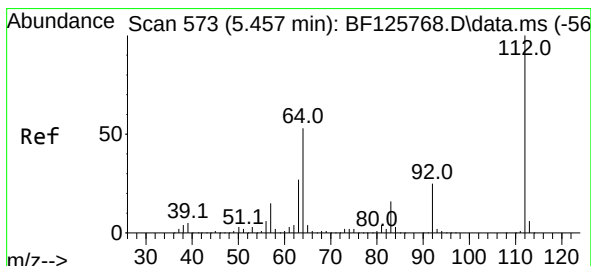
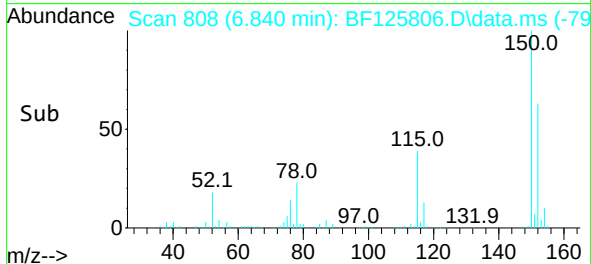
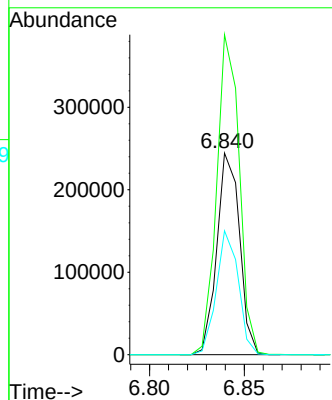
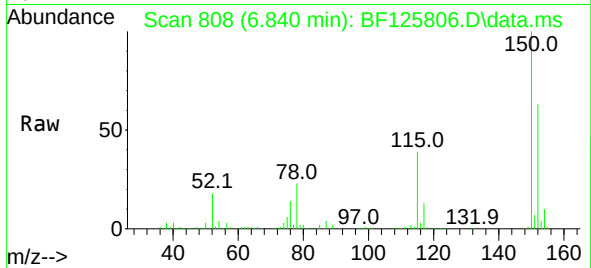




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

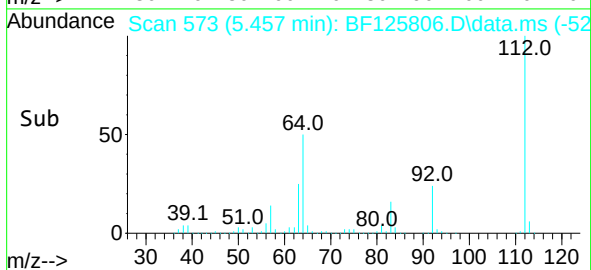
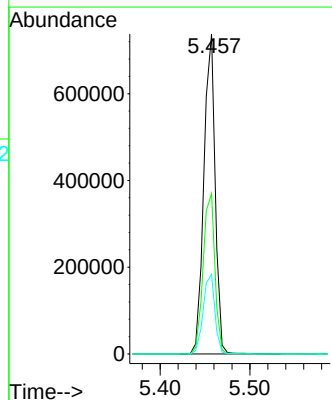
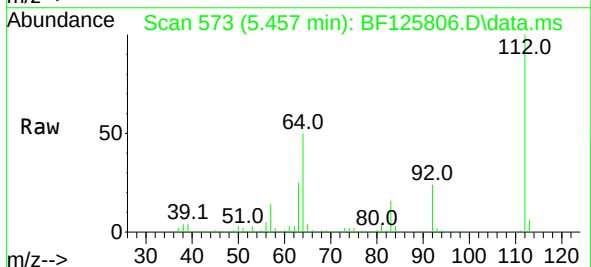
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

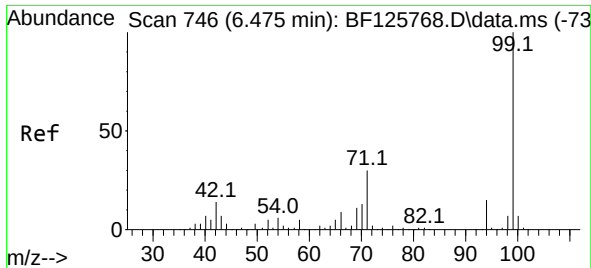
Tgt Ion:152 Resp: 203907
Ion Ratio Lower Upper
152 100
150 158.8 117.6 176.4
115 61.4 47.1 70.7



#5
2-Fluorophenol
Concen: 51.798 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

Tgt Ion:112 Resp: 646539
Ion Ratio Lower Upper
112 100
64 50.2 44.2 66.2
63 24.9 26.2 39.2#

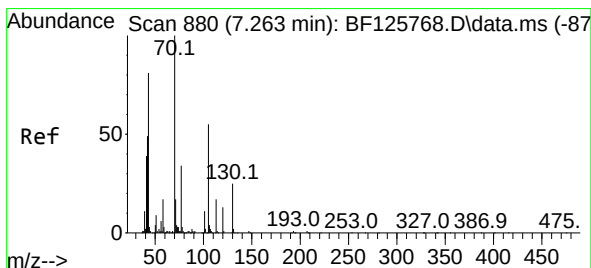
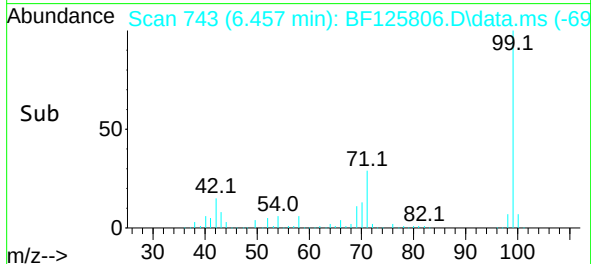
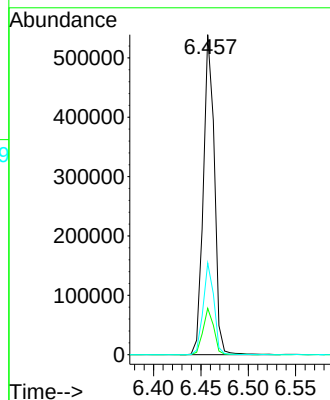
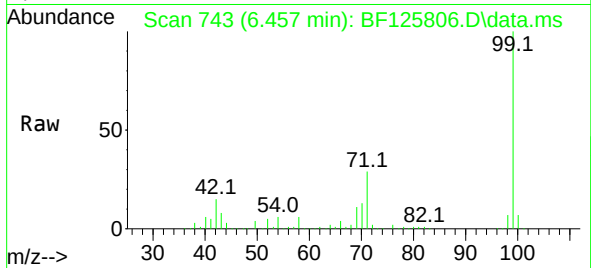




#7
Phenol-d6
Concen: 27.197 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.017 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

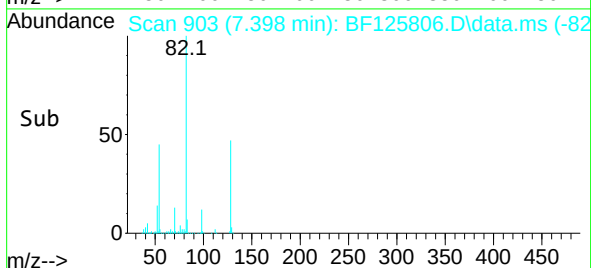
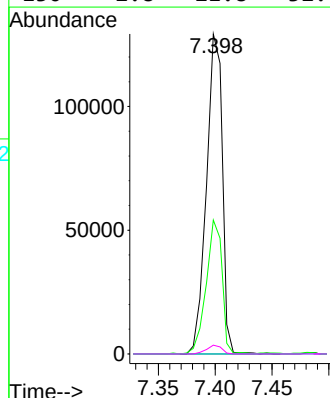
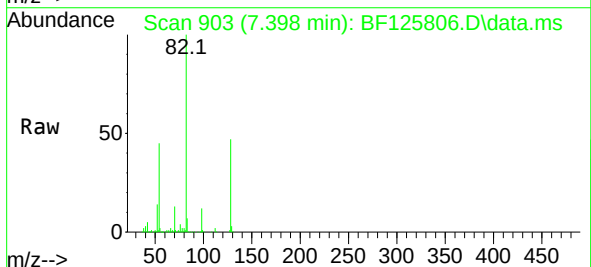
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

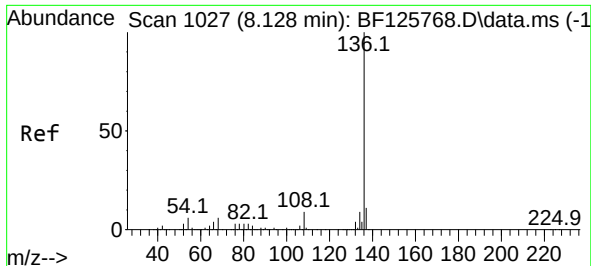
Tgt Ion: 99 Resp: 437006
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 28.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.761 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

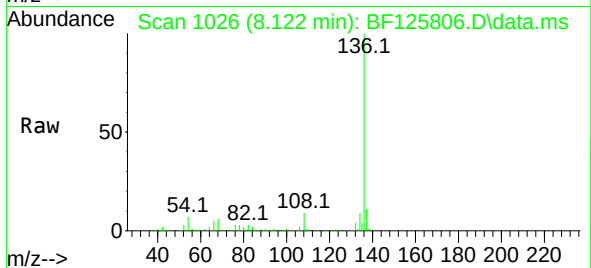
Tgt Ion: 70 Resp: 125204
Ion Ratio Lower Upper
70 100
42 41.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.8 21.8 32.6#



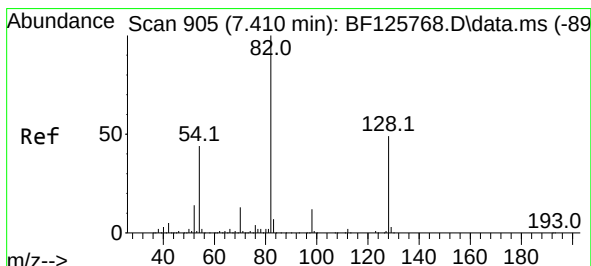
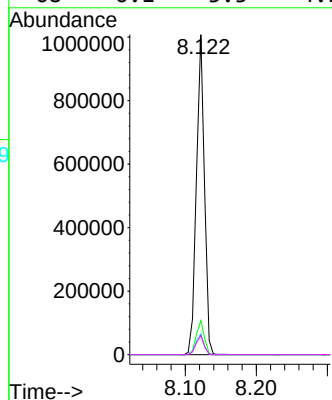
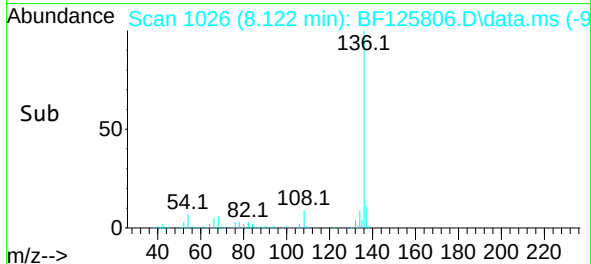


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

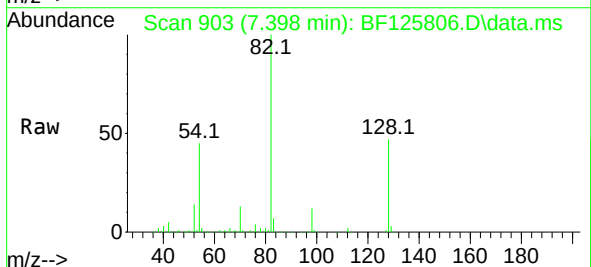
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)



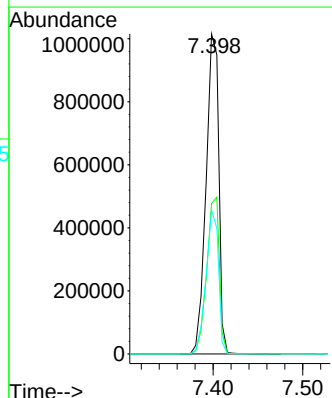
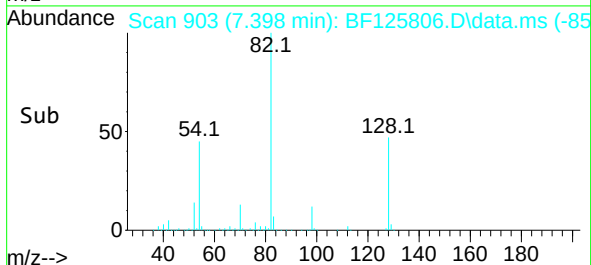
Tgt Ion:136 Resp: 793610
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.6 6.4 9.6
68 6.1 3.3 4.9#

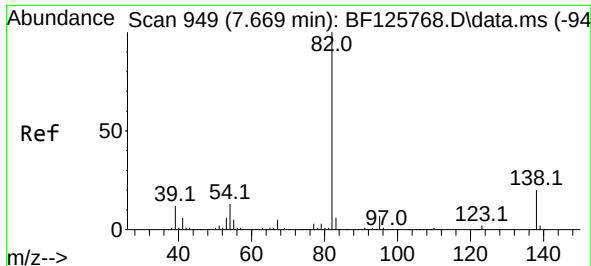


#23
Nitrobenzene-d5
Concen: 78.406 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27



Tgt Ion: 82 Resp: 1001026
Ion Ratio Lower Upper
82 100
128 47.0 40.6 60.8
54 45.0 49.6 74.4#

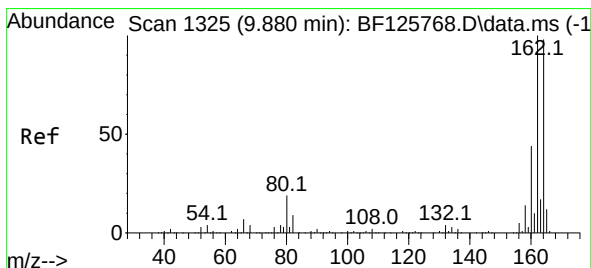
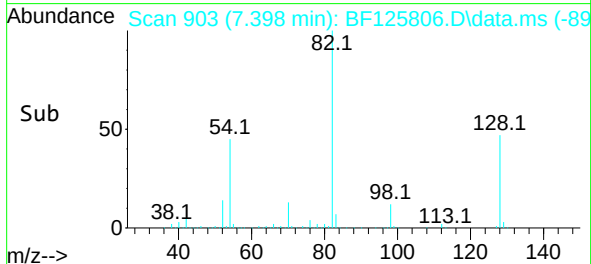
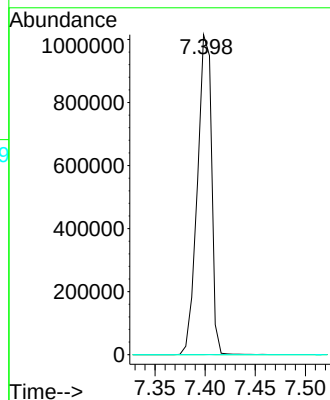
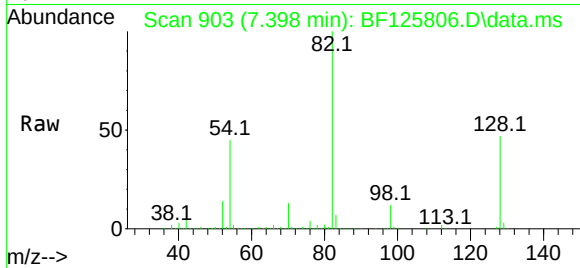




#25
Isophorone
Concen: 44.101 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.270 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

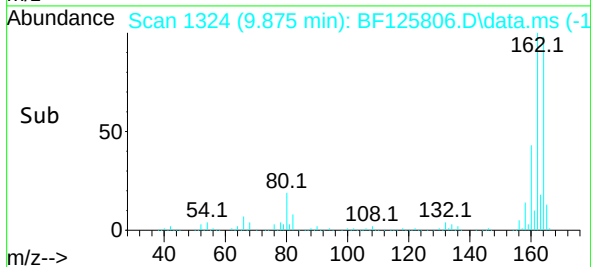
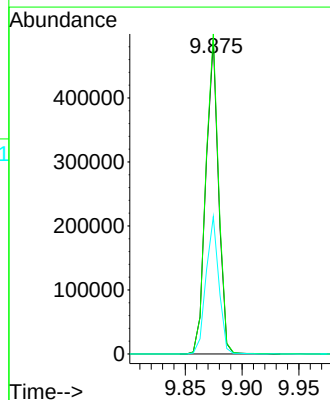
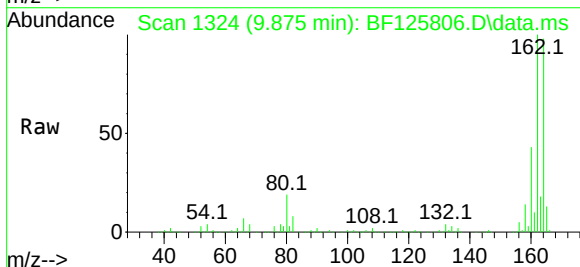
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

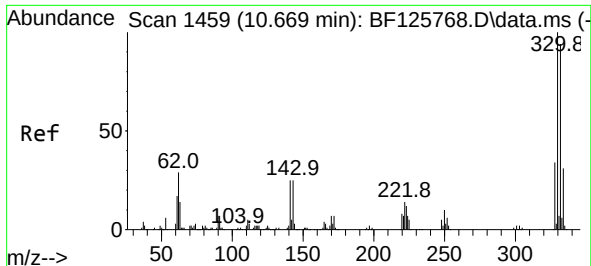
Tgt Ion: 82 Resp: 997518
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

Tgt Ion: 164 Resp: 379916
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 43.7 38.0 57.0

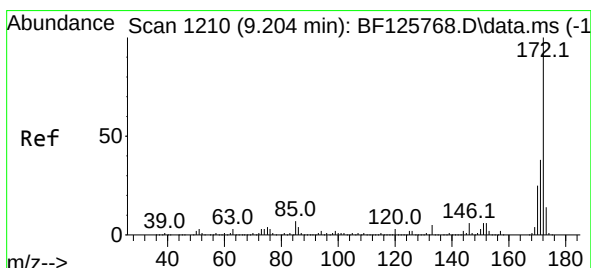
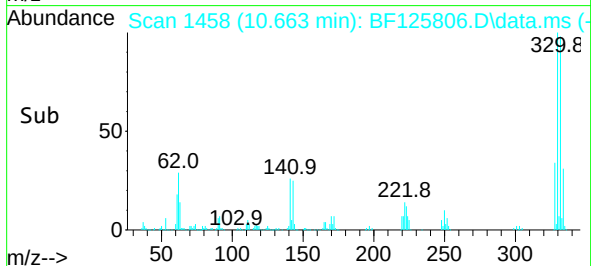
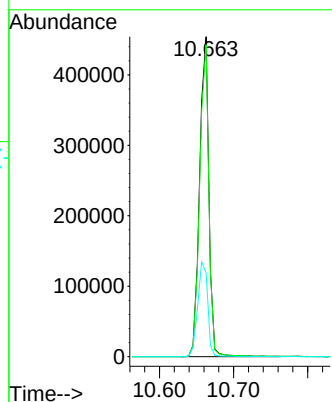
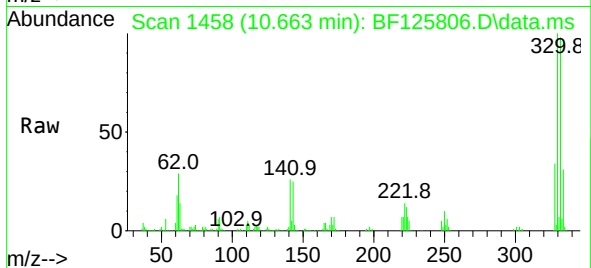




#42
2,4,6-Tribromophenol
Concen: 105.078 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

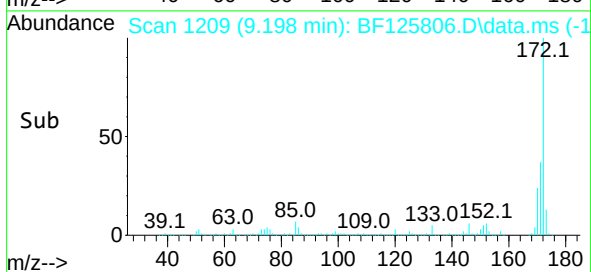
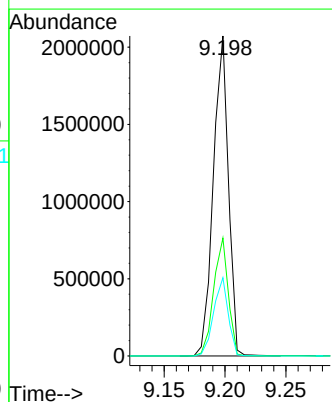
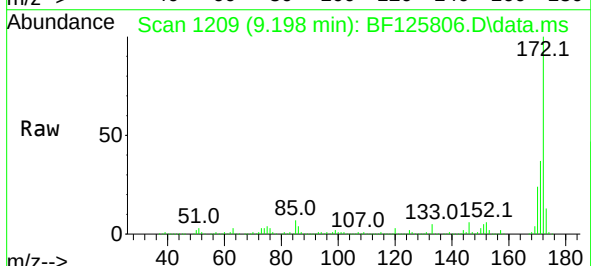
Instrument :
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ClientSampleId :
SW-RR-01-(2.0)

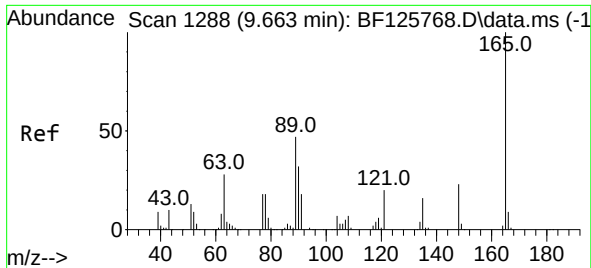
Tgt Ion:330 Resp: 394142
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 32.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 81.279 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

Tgt Ion:172 Resp: 1790284
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.4 18.8 28.2

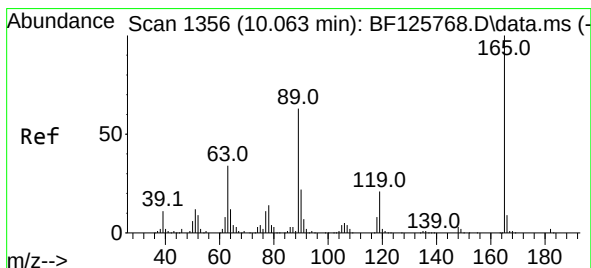
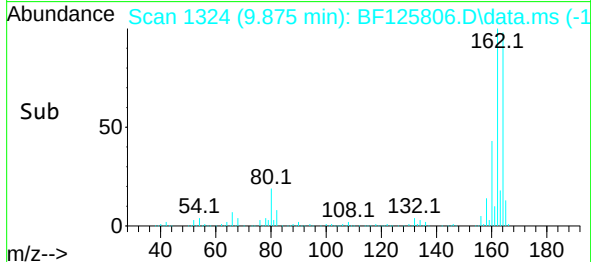
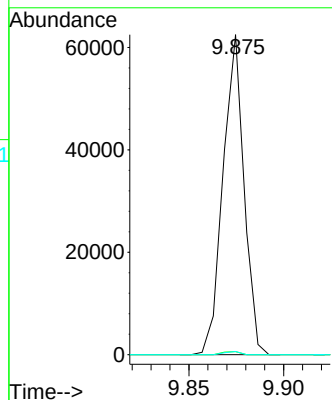
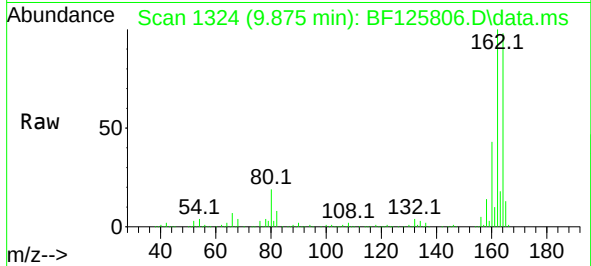




#51
2,6-Dinitrotoluene
Concen: 9.528 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

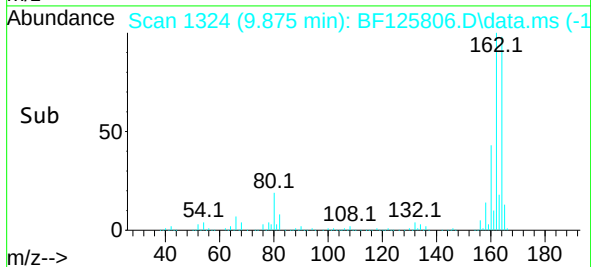
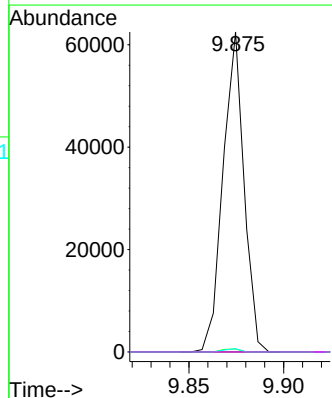
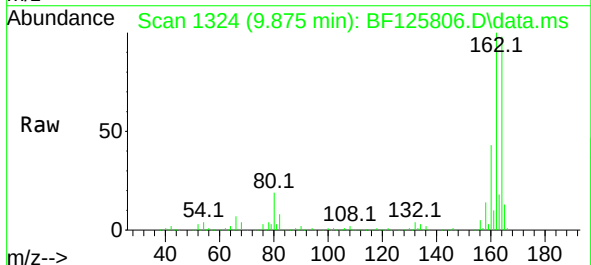
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

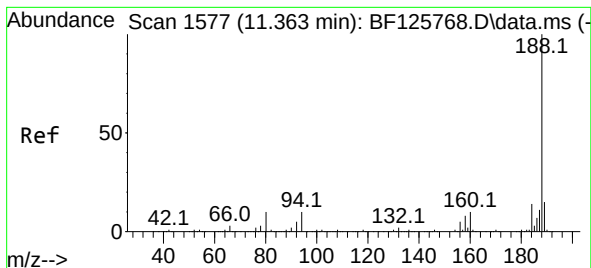
Tgt Ion:165 Resp: 48165
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.535 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

Tgt Ion:165 Resp: 48165
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

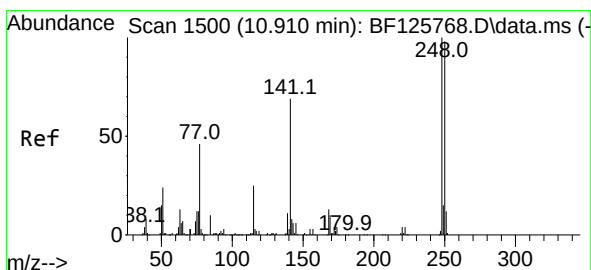
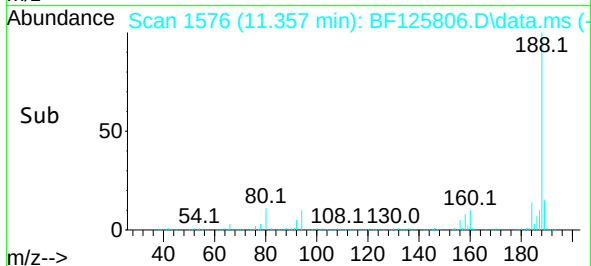
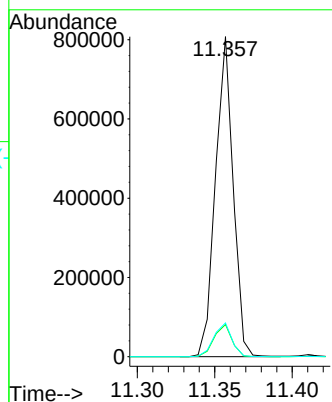
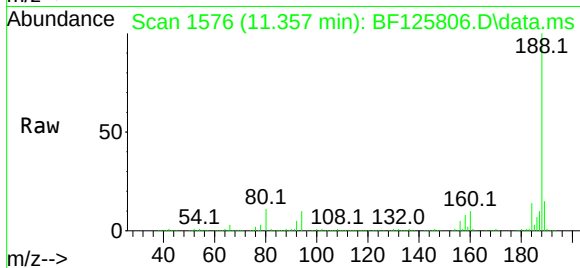




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

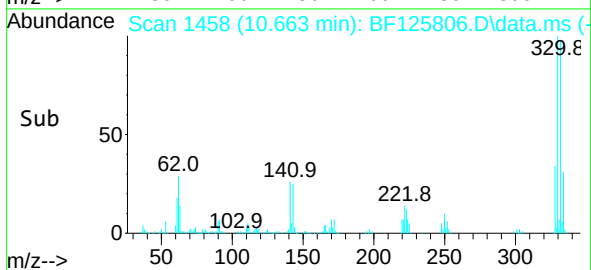
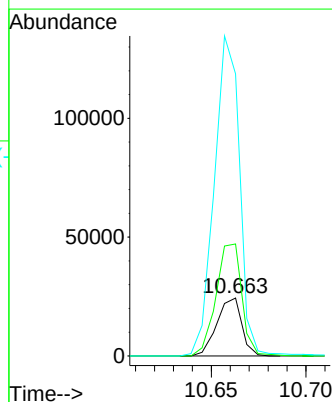
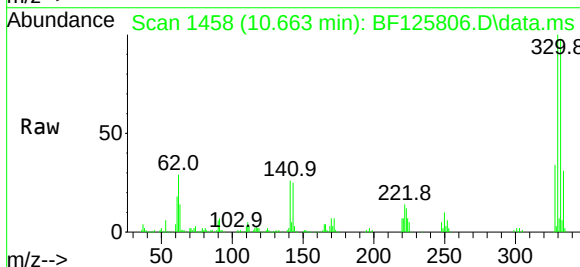
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

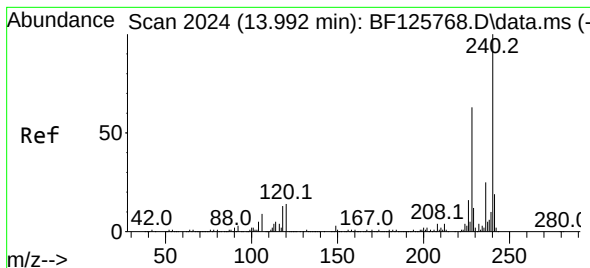
Tgt Ion:188 Resp: 640489
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.138 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

Tgt Ion:248 Resp: 22261
Ion Ratio Lower Upper
248 100
250 193.6 74.2 111.4#
141 487.7 60.4 90.6#

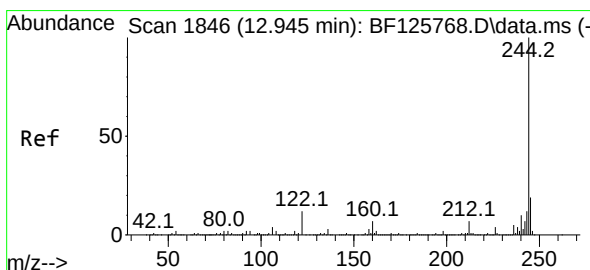
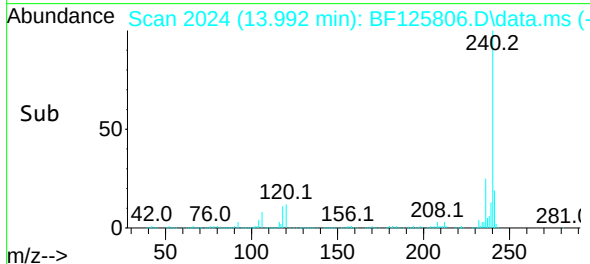
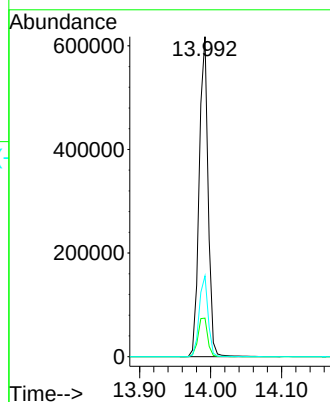
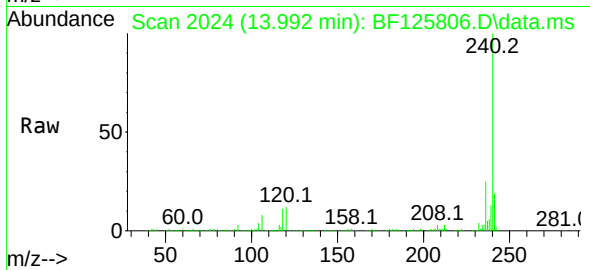




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

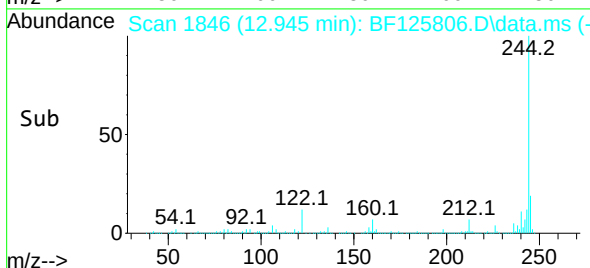
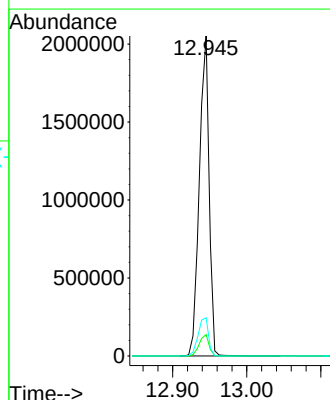
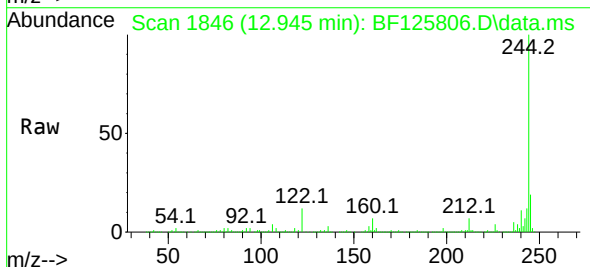
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

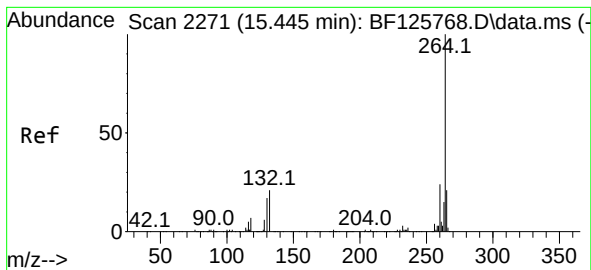
Tgt Ion:240 Resp: 540042
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 52.765 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

Tgt Ion:244 Resp: 1870695
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 12.0 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF125806.D
 Acq: 12 Oct 2021 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SW-RR-01-(2.0)

Tgt Ion:264	Resp:	443934
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.6 29.4
265	21.5	17.2 25.8

