

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125903.D
 Acq On : 19 Oct 2021 16:50
 Operator : JU/CG
 Sample : M4268-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 20 09:28:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

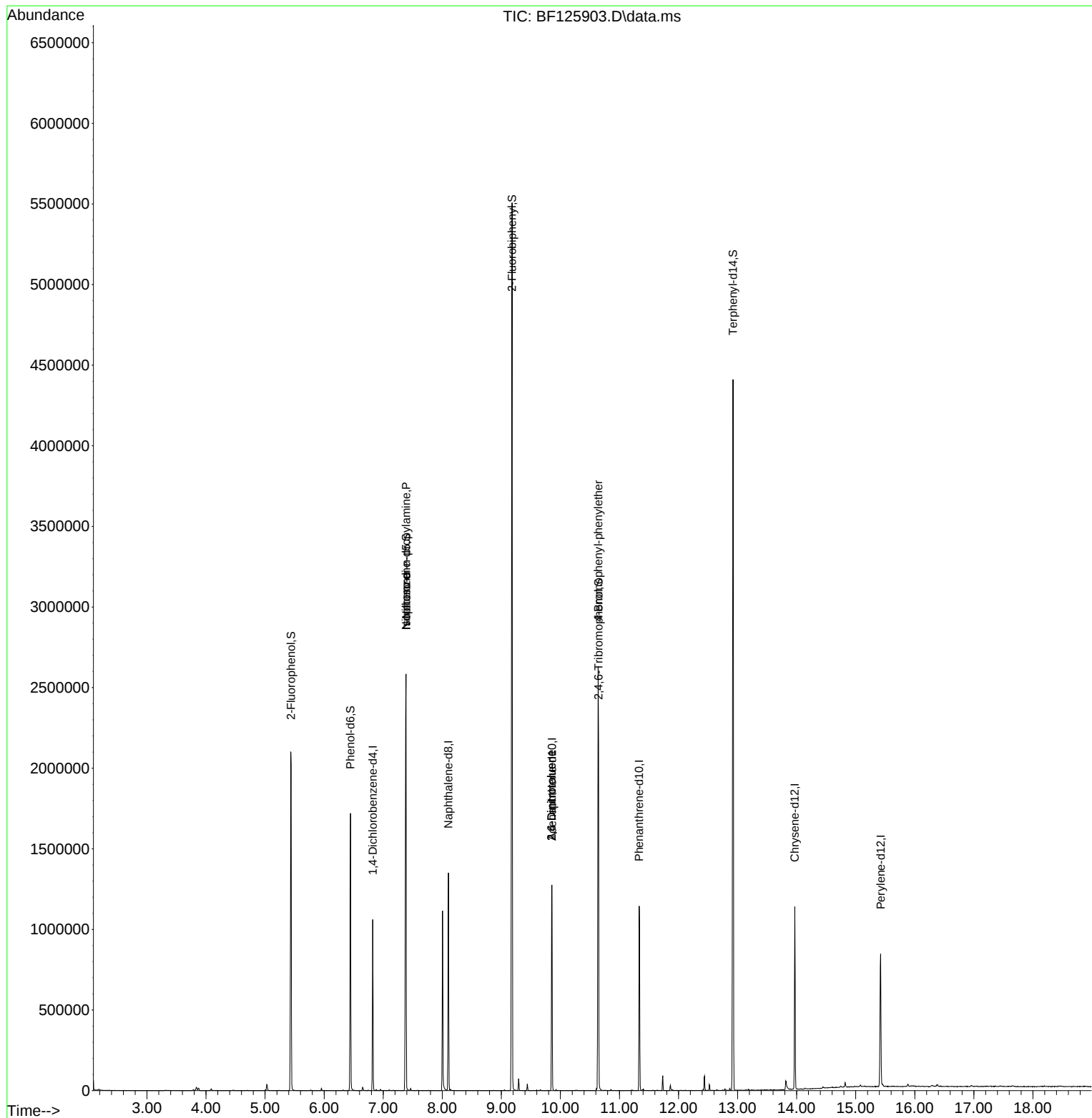
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	146236	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	581416	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	288169	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	426555	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	355911	20.000	ng	0.00
86) Perylene-d12	15.421	264	344416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	672076	75.079	ng	0.00
7) Phenol-d6	6.446	99	555396	48.196	ng	-0.01
23) Nitrobenzene-d5	7.387	82	926886	99.095	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	348762	122.583	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1720104	102.956	ng	0.00
79) Terphenyl-d14	12.922	244	1514918	64.837	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	117457	19.308	ng	# 48
25) Isophorone	7.387	82	923613	55.737	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	36287	9.464	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	36287	7.485	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	20146	4.265	ng	# 1

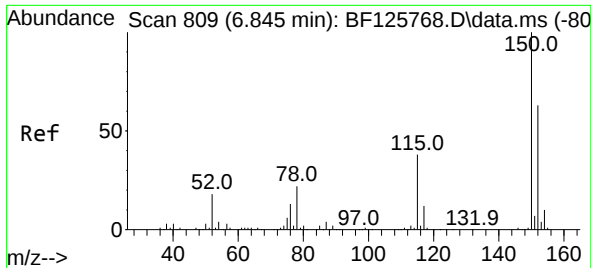
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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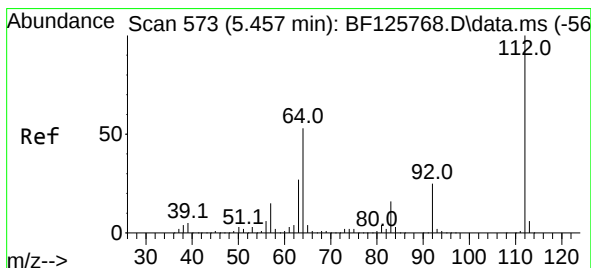
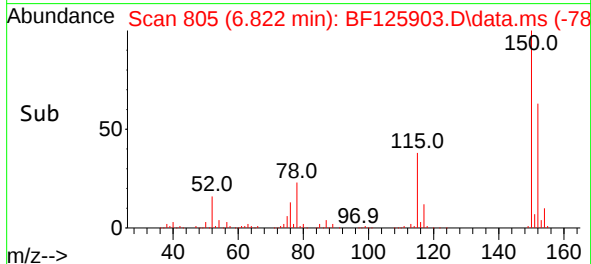
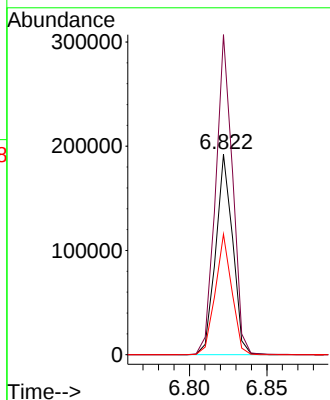
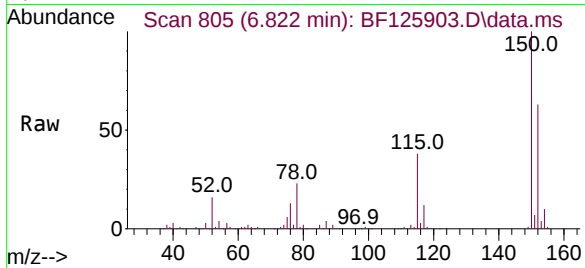




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

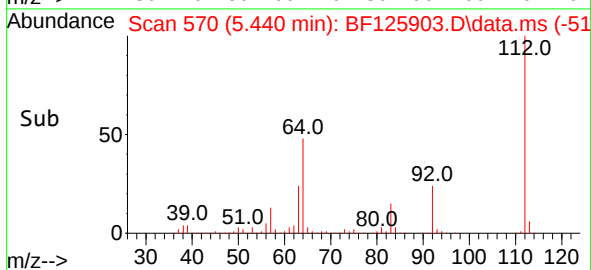
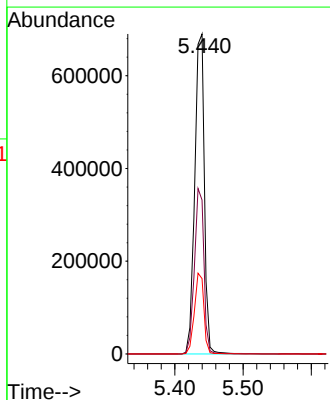
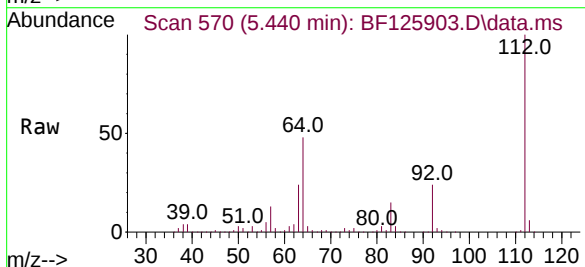
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

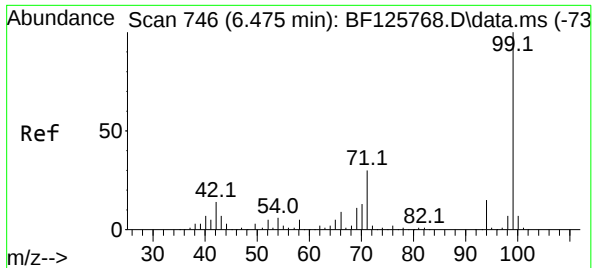
Tgt Ion:152 Resp: 146236
Ion Ratio Lower Upper
152 100
150 159.7 117.6 176.4
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 75.079 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

Tgt Ion:112 Resp: 672076
Ion Ratio Lower Upper
112 100
64 48.1 44.2 66.2
63 23.6 26.2 39.2#

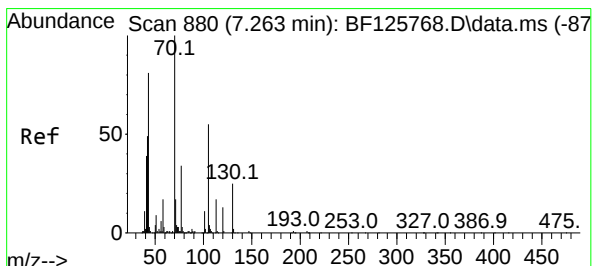
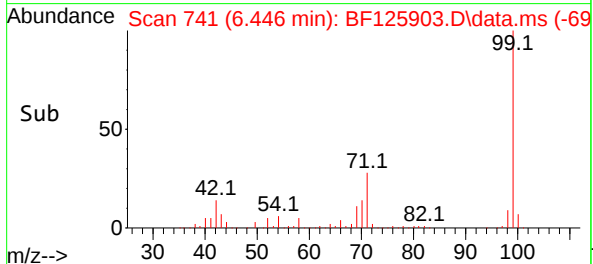
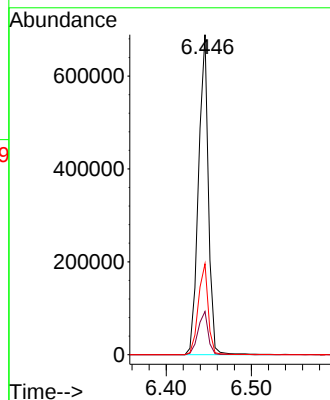
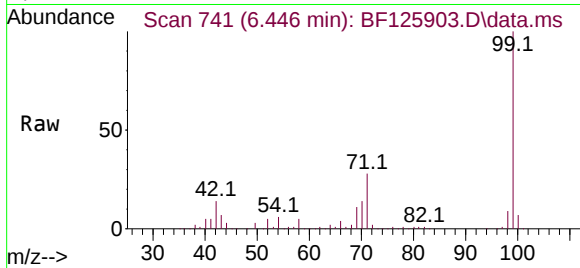




#7
Phenol-d6
Concen: 48.196 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

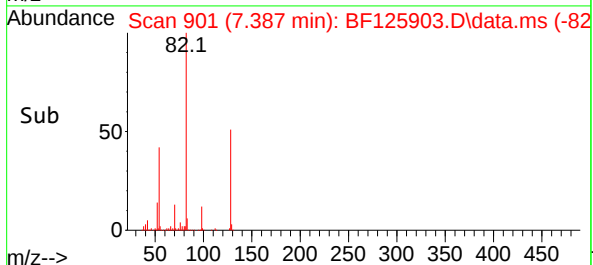
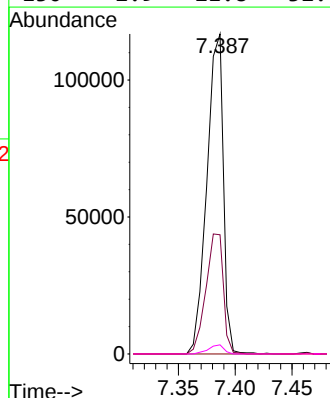
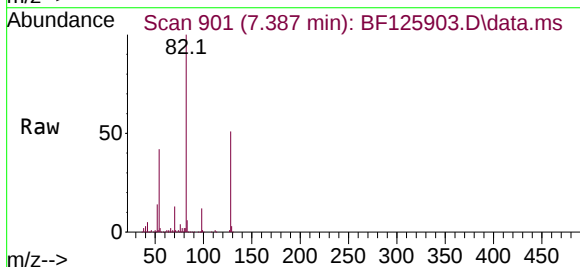
Instrument :
BNA_F
ClientSampleId :
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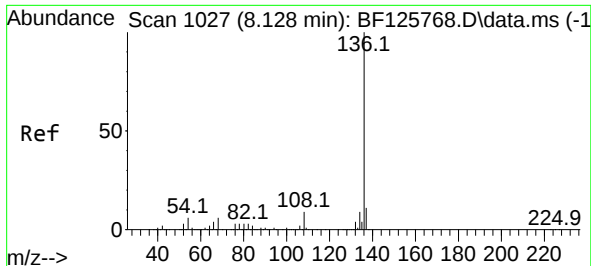
Tgt Ion: 99 Resp: 555396
Ion Ratio Lower Upper
99 100
42 13.5 23.5 35.3#
71 28.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.308 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

Tgt Ion: 70 Resp: 117457
Ion Ratio Lower Upper
70 100
42 37.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.9 21.8 32.6#

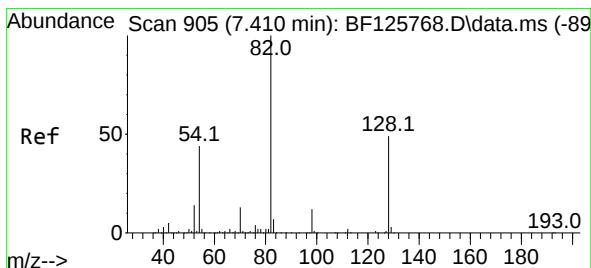
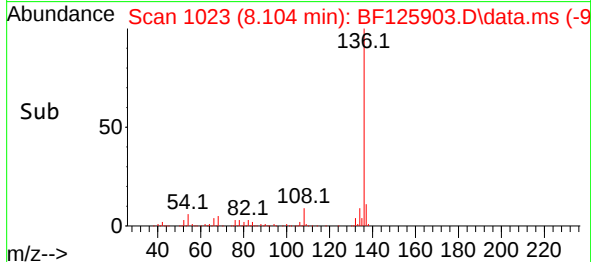
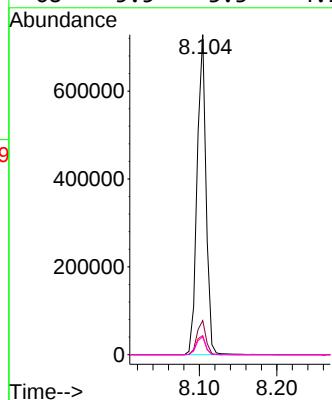
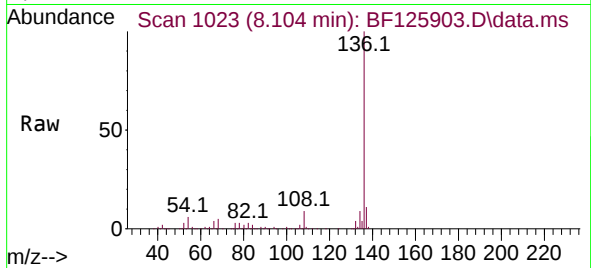




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

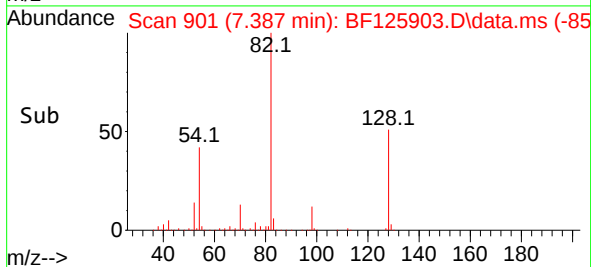
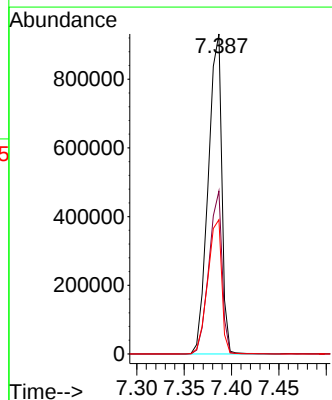
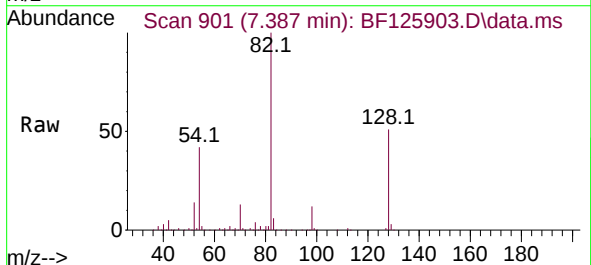
Instrument :
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SW-RR-01-(2.0)

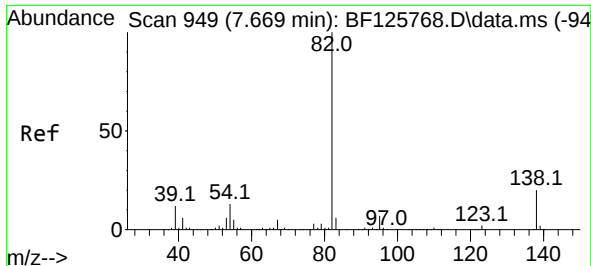
Tgt Ion:	136	Resp:	581416
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.6
54	6.0	6.4	9.6#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 99.095 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

Tgt Ion:	82	Resp:	926886
Ion Ratio	Lower	Upper	
82	100		
128	50.9	40.6	60.8
54	41.9	49.6	74.4#

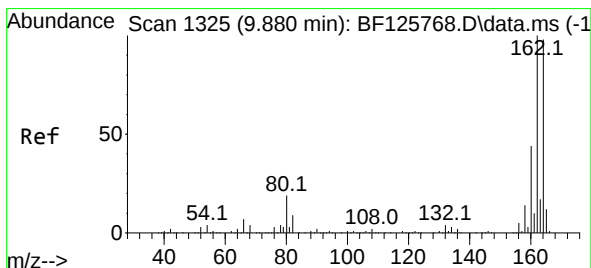
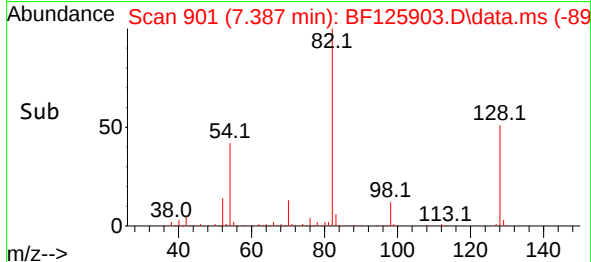
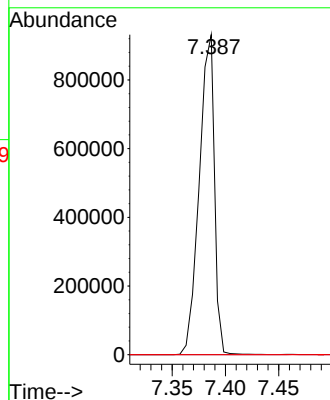
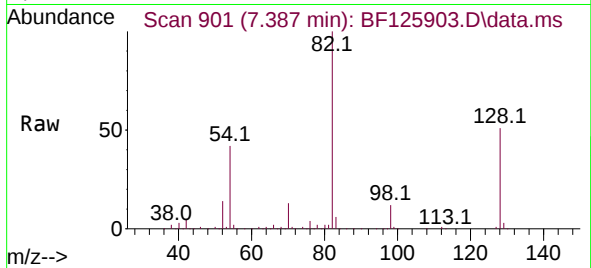




#25
Isophorone
Concen: 55.737 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

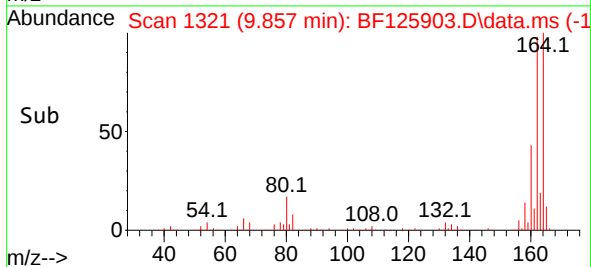
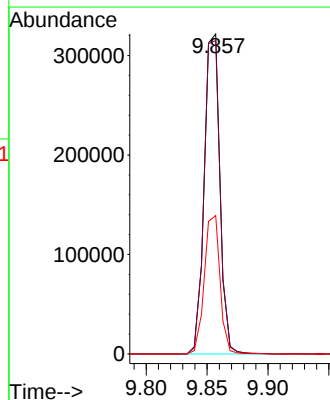
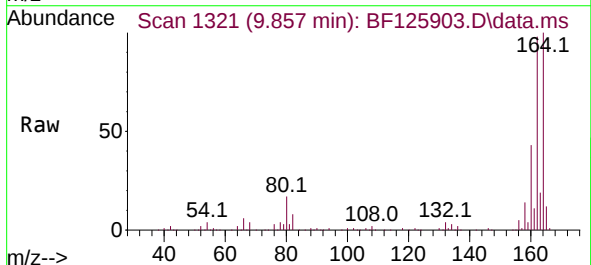
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

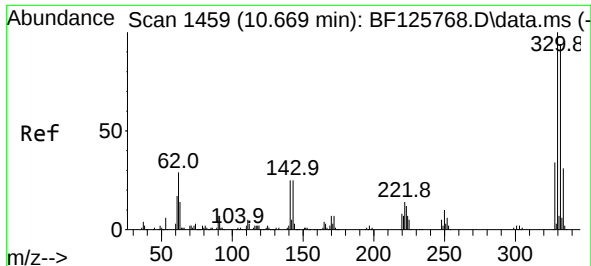
Tgt Ion: 82 Resp: 923613
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

Tgt Ion: 164 Resp: 288169
Ion Ratio Lower Upper
164 100
162 97.9 81.3 121.9
160 43.2 38.0 57.0

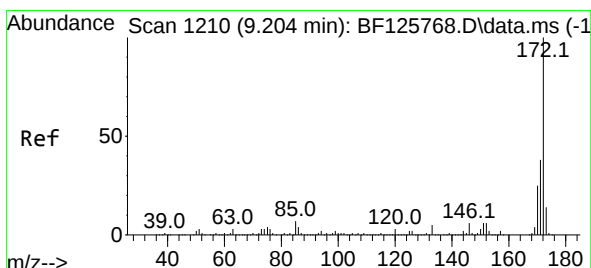
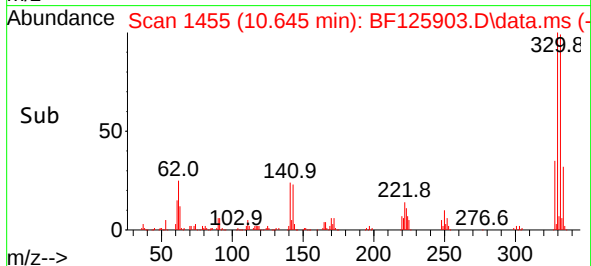
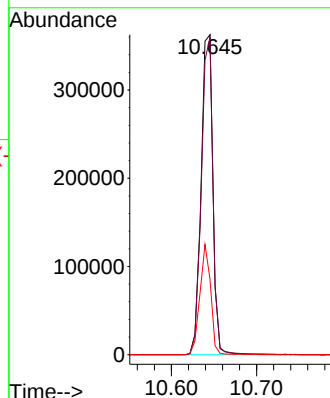
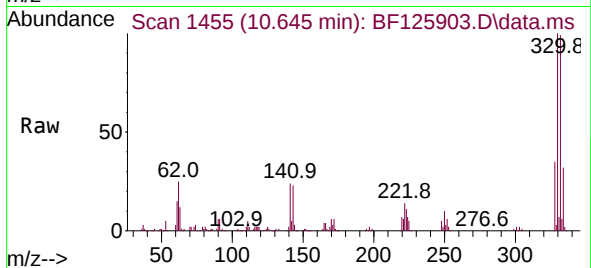




#42
2,4,6-Tribromophenol
Concen: 122.583 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

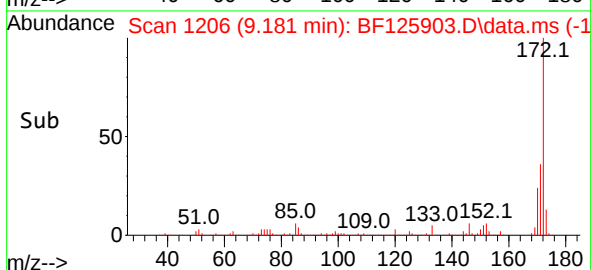
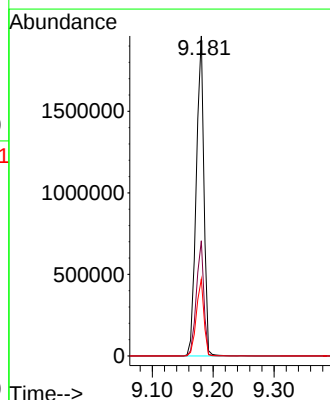
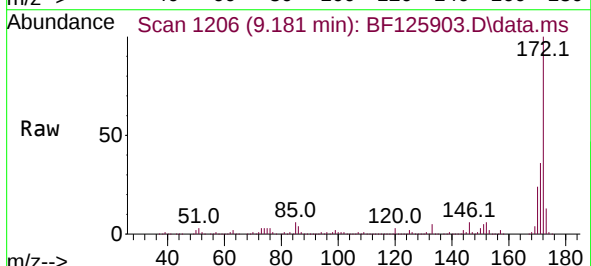
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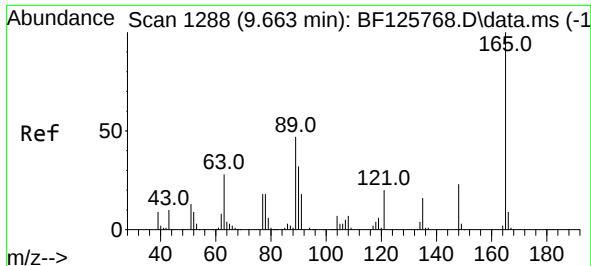
Tgt Ion:330 Resp: 348762
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 31.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 102.956 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

Tgt Ion:172 Resp: 1720104
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.0 18.8 28.2

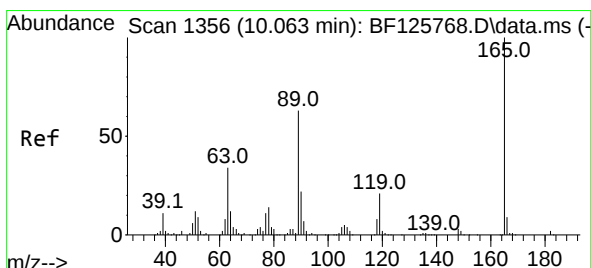
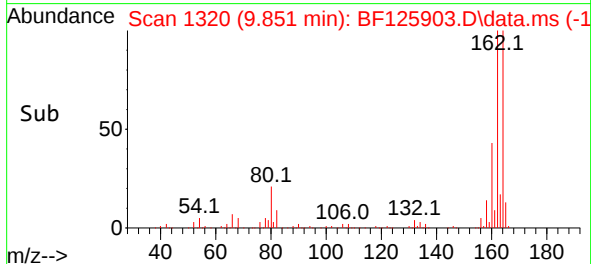
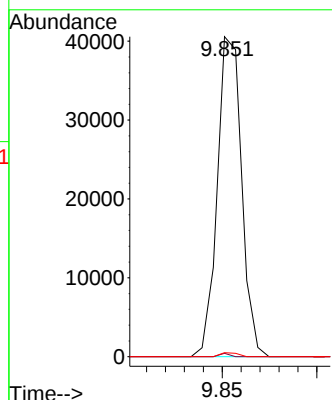
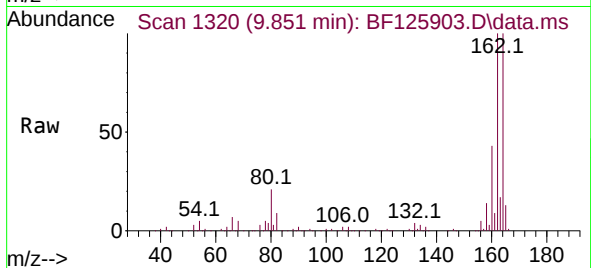




#51
2,6-Dinitrotoluene
Concen: 9.464 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

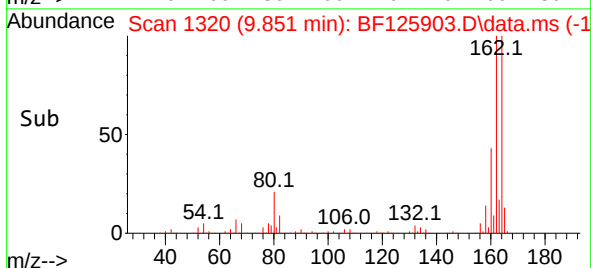
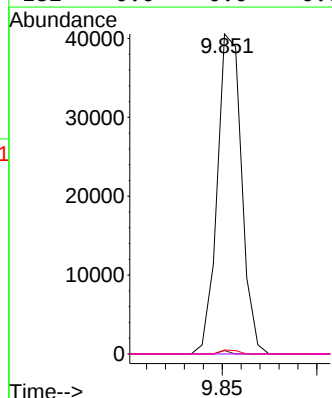
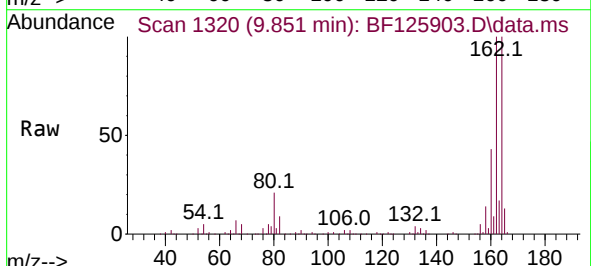
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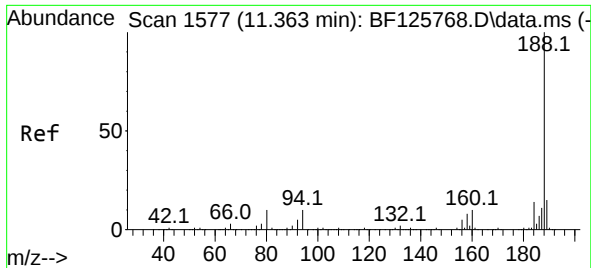
Tgt Ion:165 Resp: 36287
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.485 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.194 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

Tgt Ion:165 Resp: 36287
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

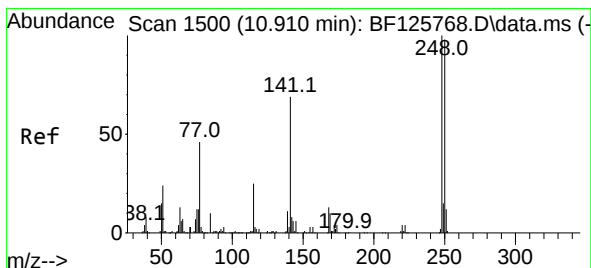
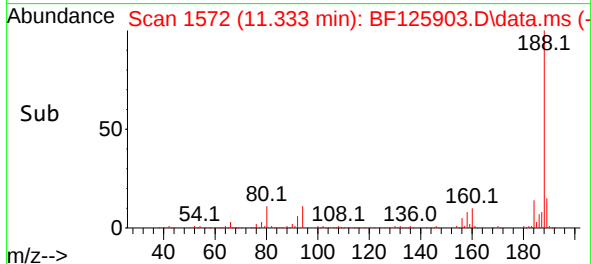
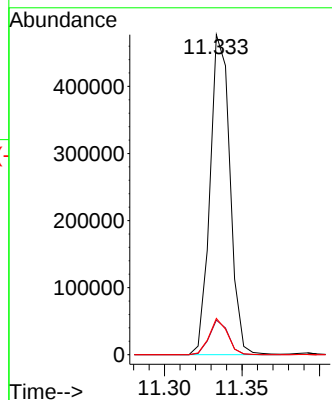
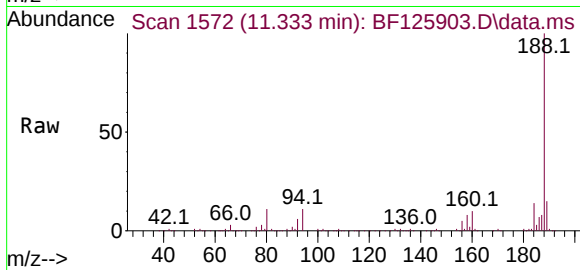




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

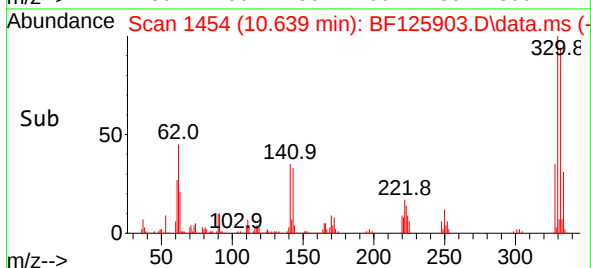
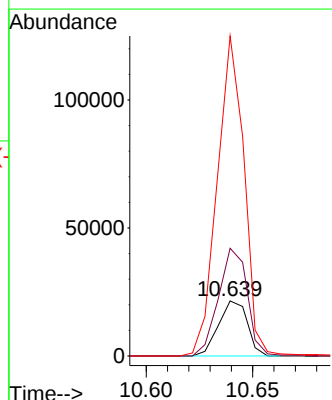
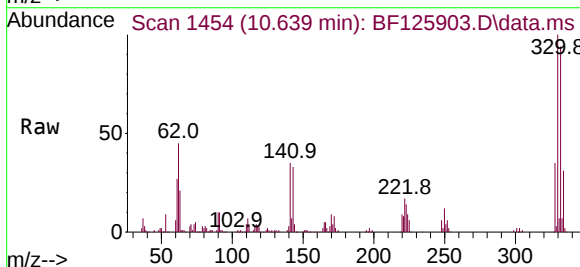
Instrument :
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SW-RR-01-(2.0)

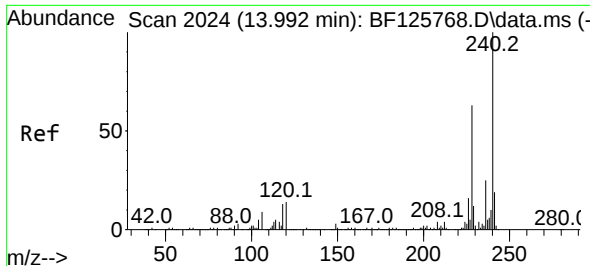
Tgt Ion:188 Resp: 426555
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.3 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 4.265 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

Tgt Ion:248 Resp: 20146
Ion Ratio Lower Upper
248 100
250 195.8 74.2 111.4#
141 581.6 60.4 90.6#

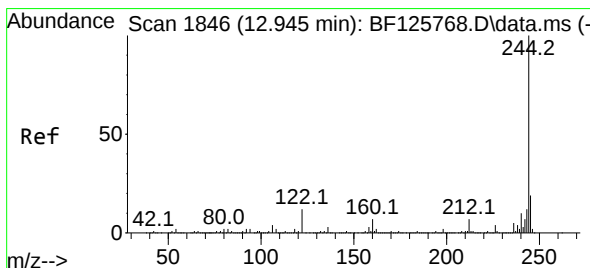
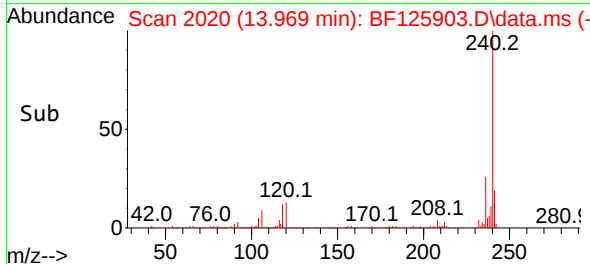
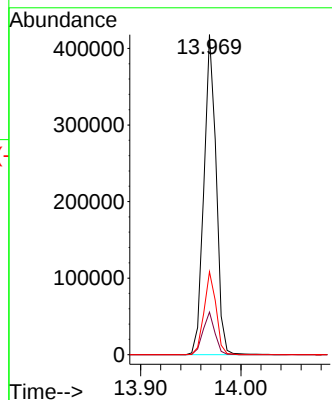
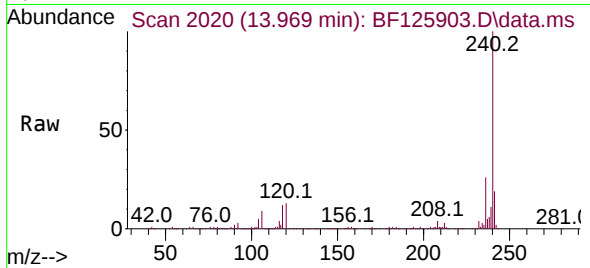




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

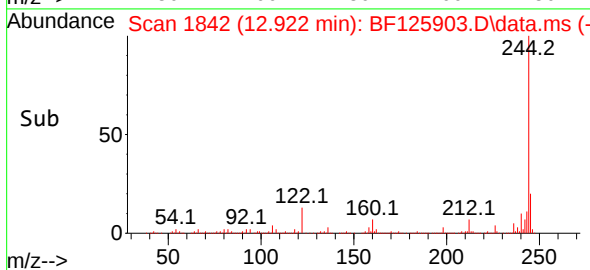
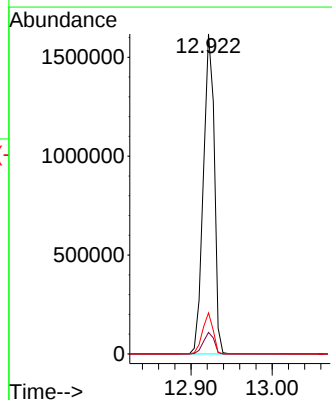
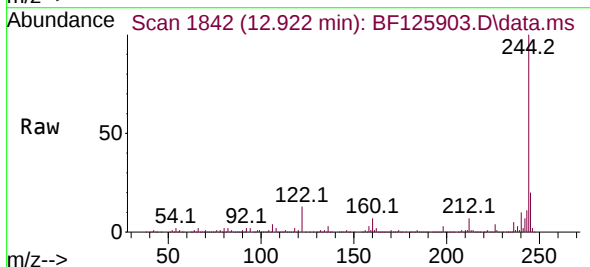
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

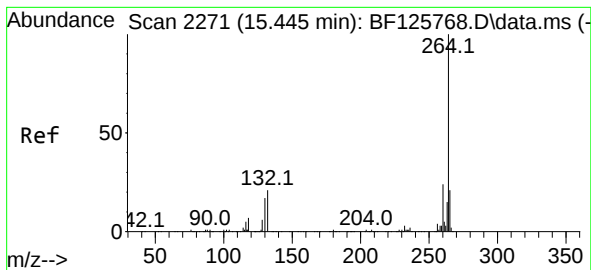
Tgt Ion:240 Resp: 355911
Ion Ratio Lower Upper
240 100
120 13.3 10.8 16.2
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 64.837 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

Tgt Ion:244 Resp: 1514918
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.9 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF125903.D
Acq: 19 Oct 2021 16:50

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

Tgt Ion:264 Resp: 344416
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 20.8 17.2 25.8

