

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125783.D
 Acq On : 8 Oct 2021 15:24
 Operator : JU/CG
 Sample : M4112-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-FENCE

Quant Time: Oct 08 17:30:33 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

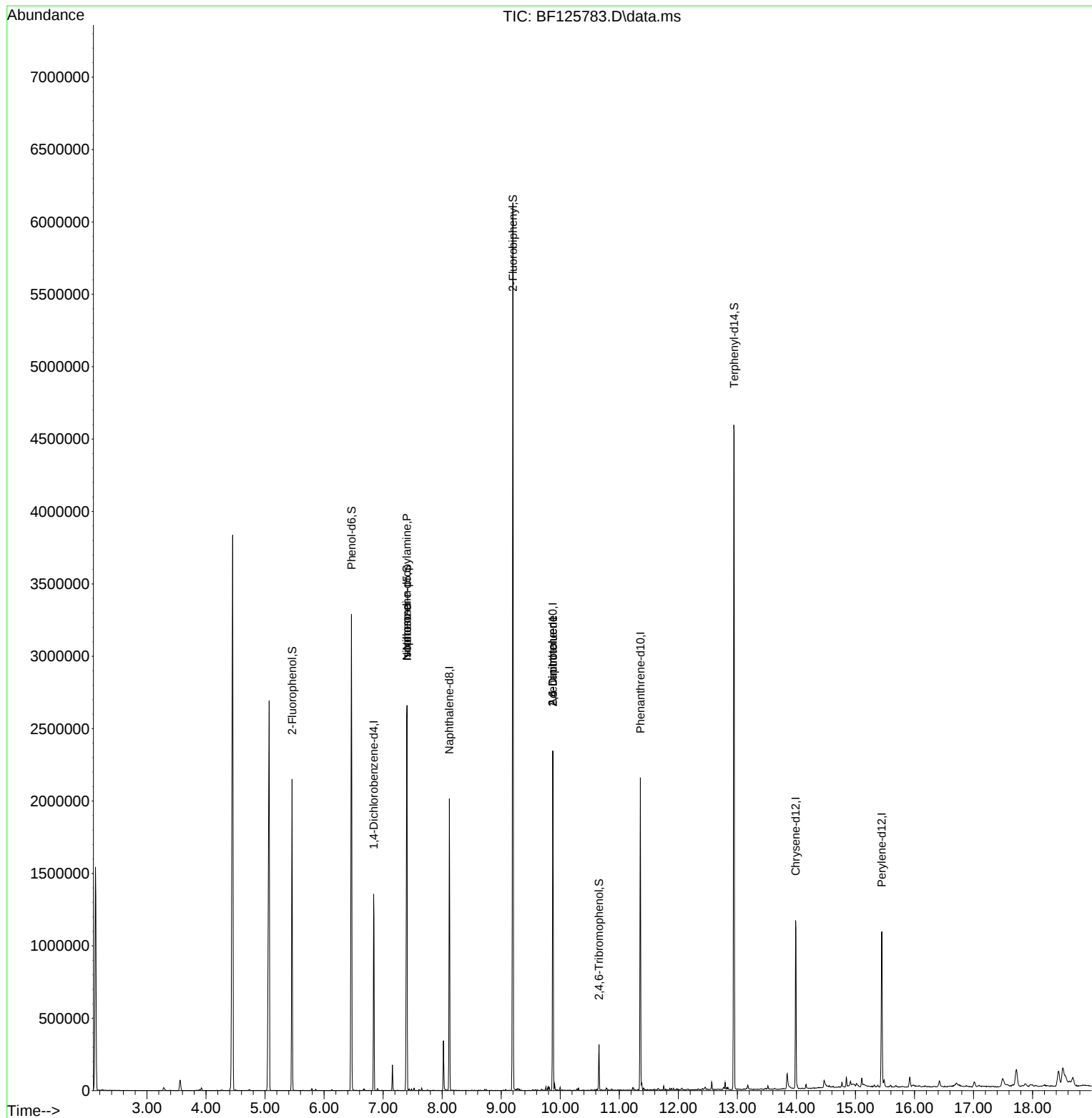
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	212461	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	850743	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	442664	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	725202	20.000	ng	# 0.00
76) Chrysene-d12	13.986	240	397518	20.000	ng	0.00
86) Perylene-d12	15.445	264	447349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	589649	45.338	ng	0.00
7) Phenol-d6	6.463	99	1275877	76.206	ng	-0.01
23) Nitrobenzene-d5	7.404	82	977516	71.423	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	33346	7.630	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1906801	74.298	ng	0.00
79) Terphenyl-d14	12.945	244	1688144	64.688	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	121355	13.731	ng	# 51
25) Isophorone	7.404	82	977119	40.298	ng	# 59
51) 2,6-Dinitrotoluene	9.874	165	55876	9.486	ng	# 27
57) 2,4-Dinitrotoluene	9.874	165	55876	7.503	ng	# 19

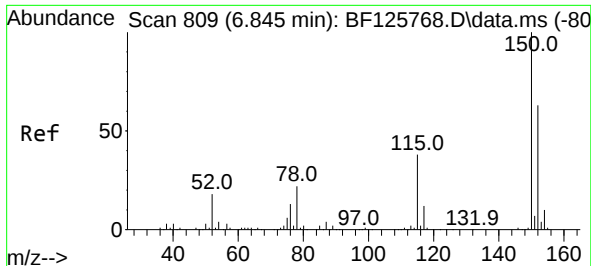
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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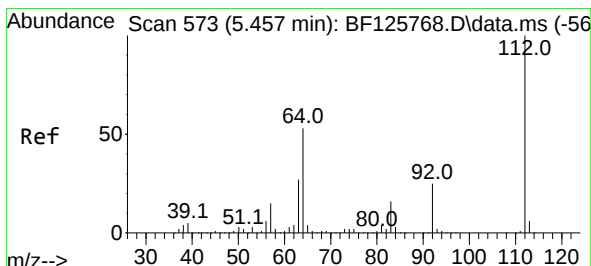
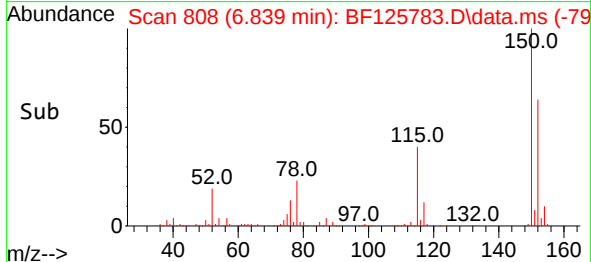
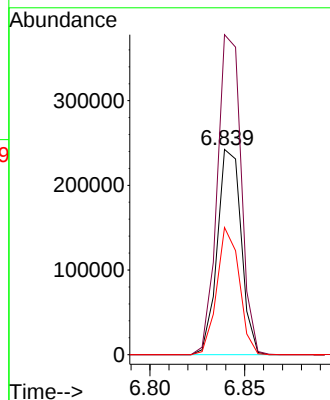
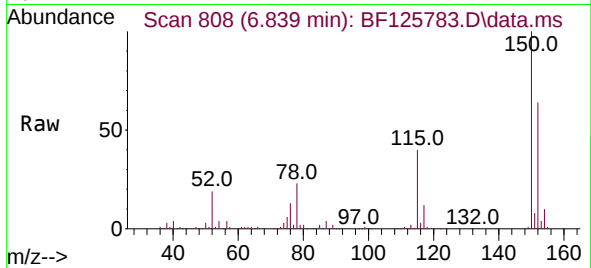




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

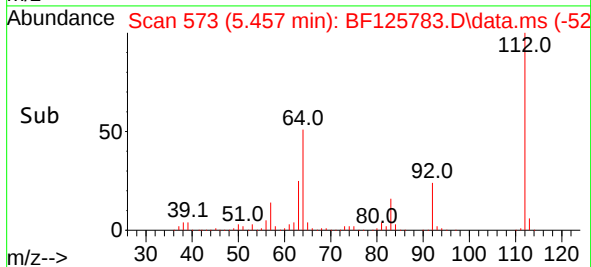
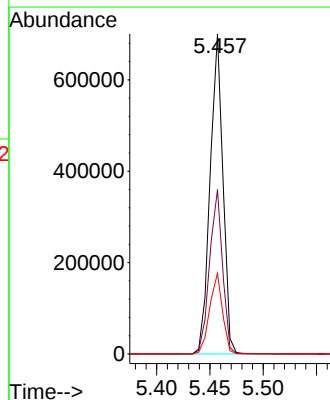
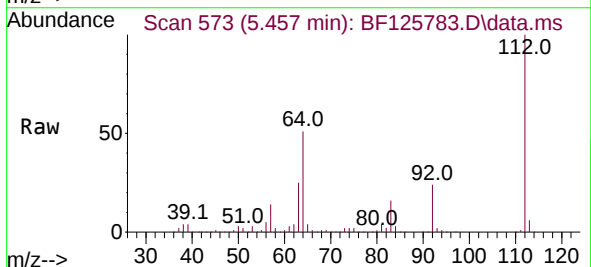
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ClientSampleId :
3-FENCE

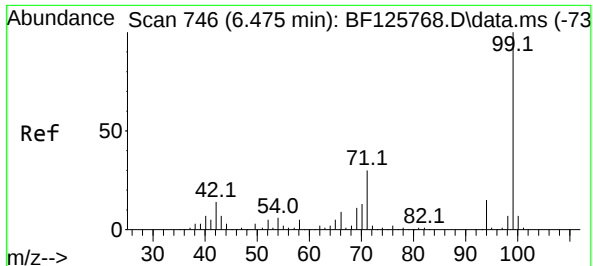
Tgt Ion:152 Resp: 212461
Ion Ratio Lower Upper
152 100
150 155.9 117.6 176.4
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 45.338 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

Tgt Ion:112 Resp: 589649
Ion Ratio Lower Upper
112 100
64 51.4 44.2 66.2
63 25.2 26.2 39.2#

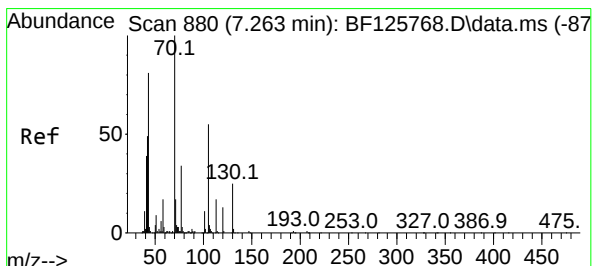
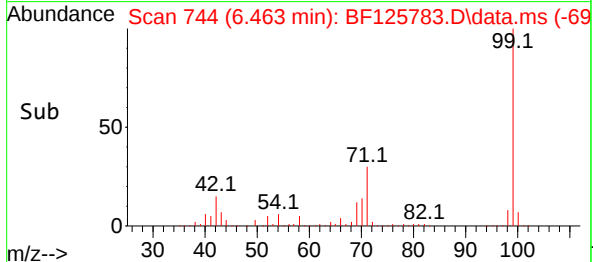
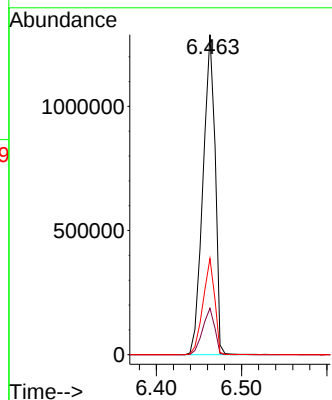
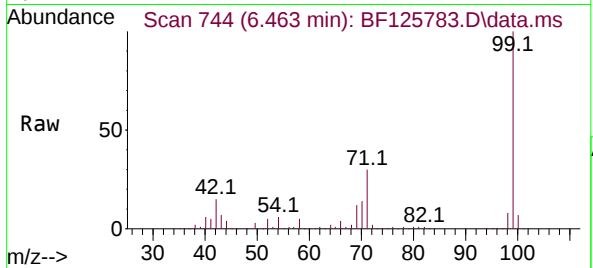




#7
Phenol-d6
Concen: 76.206 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

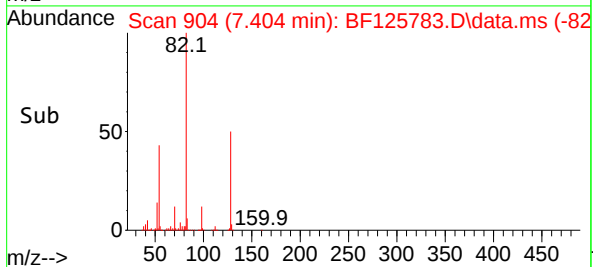
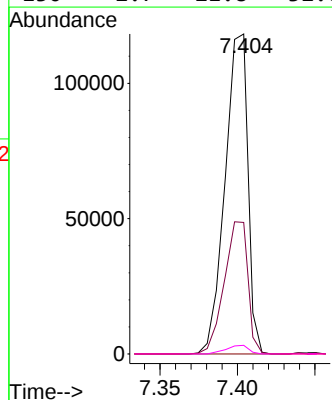
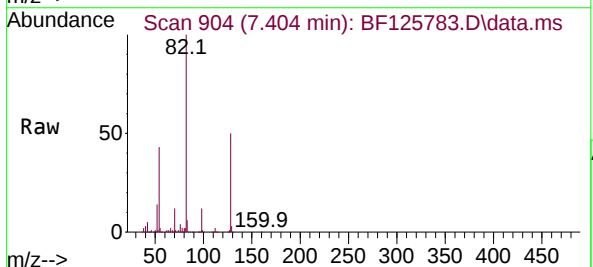
Instrument :
BNA_F
ClientSampleId :
3-FENCE

Tgt Ion: 99 Resp: 1275877
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 30.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.731 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

Tgt Ion: 70 Resp: 121355
Ion Ratio Lower Upper
70 100
42 41.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#



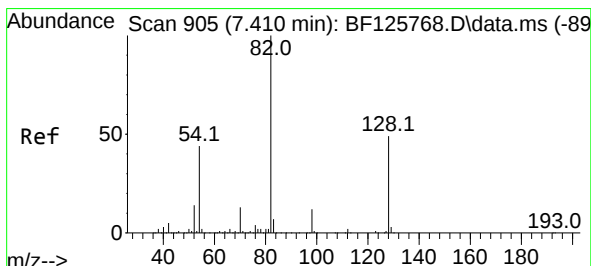
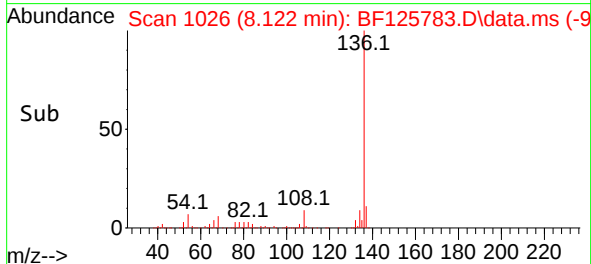
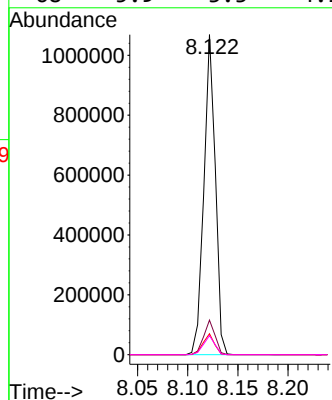
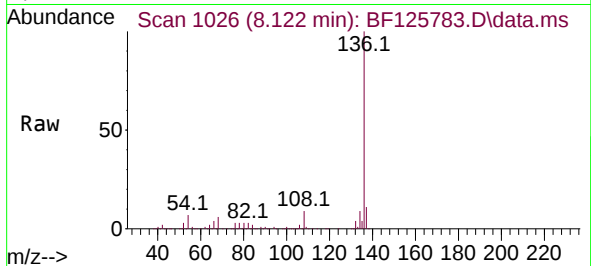


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

Instrument :
BNA_F
ClientSampleId :
3-FENCE

Tgt Ion:136 Resp: 850743

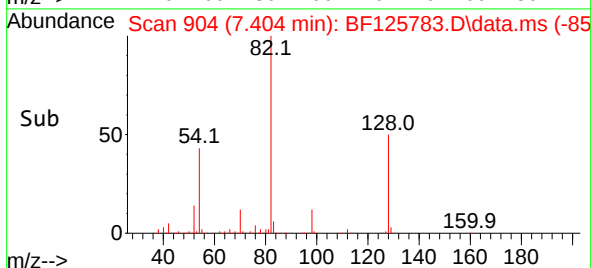
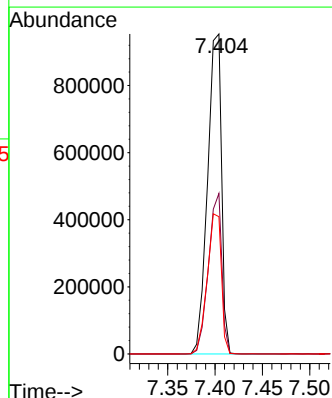
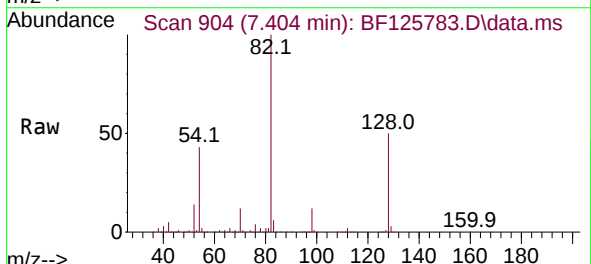
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	6.6	6.4	9.6
68	5.9	3.3	4.9

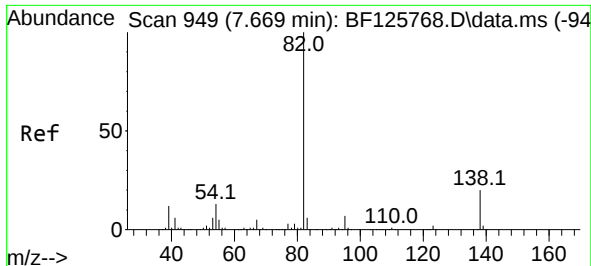


#23
Nitrobenzene-d5
Concen: 71.423 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

Tgt Ion: 82 Resp: 977516

Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.6	60.8
54	42.9	49.6	74.4

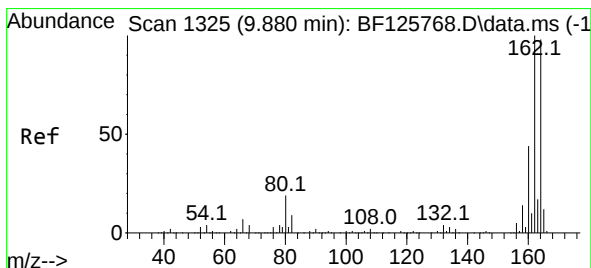
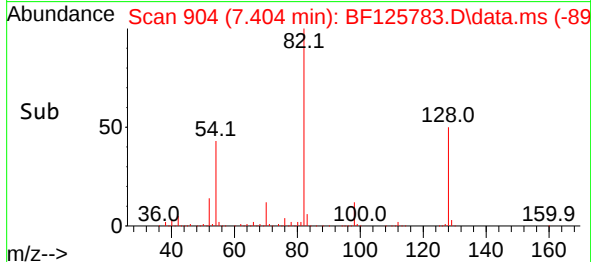
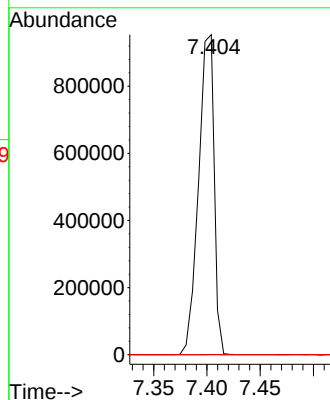
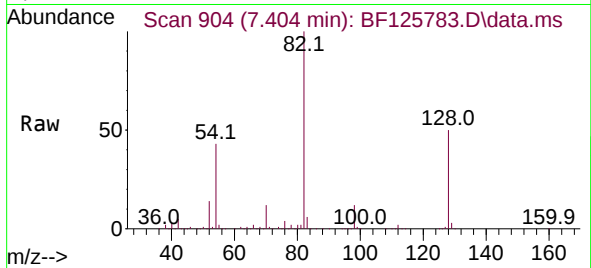




#25
Isophorone
Concen: 40.298 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

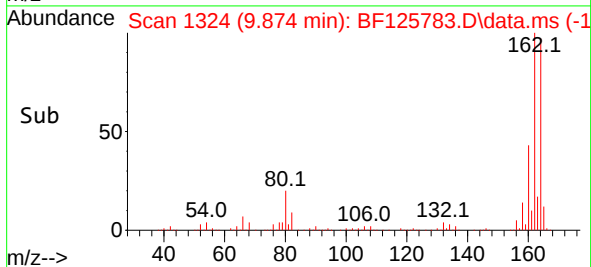
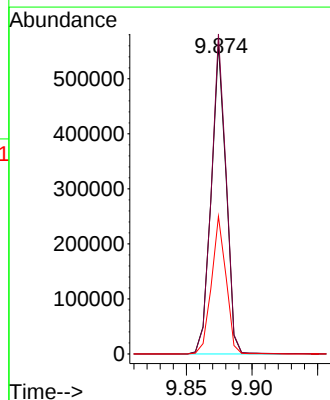
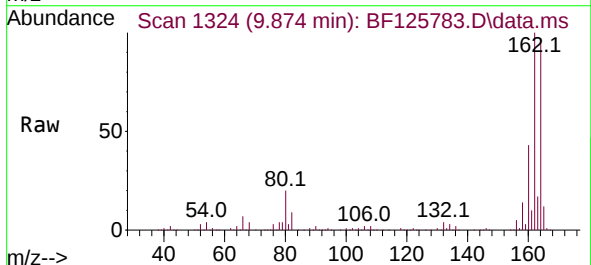
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ClientSampleID :
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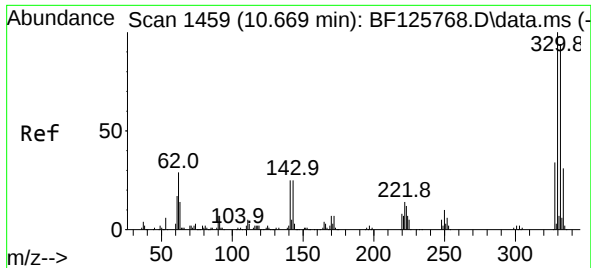
Tgt Ion: 82 Resp: 977119
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

Tgt Ion:164 Resp: 442664
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 44.4 38.0 57.0

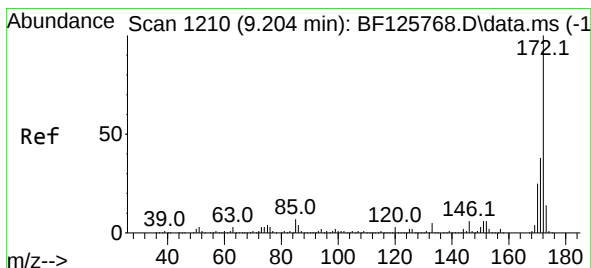
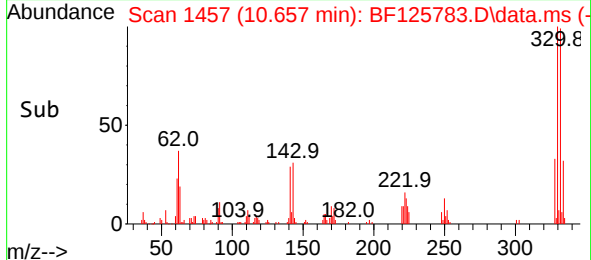
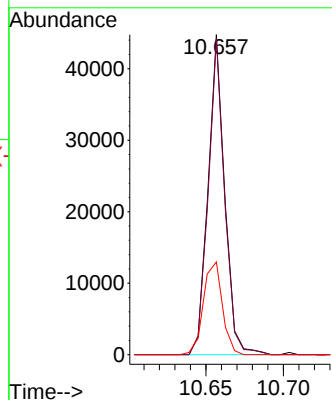
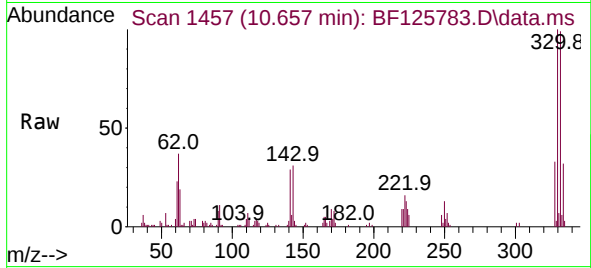




#42
2,4,6-Tribromophenol
Concen: 7.630 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

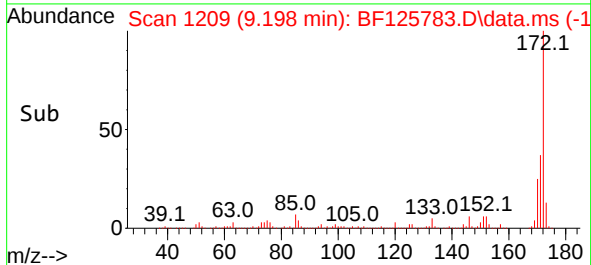
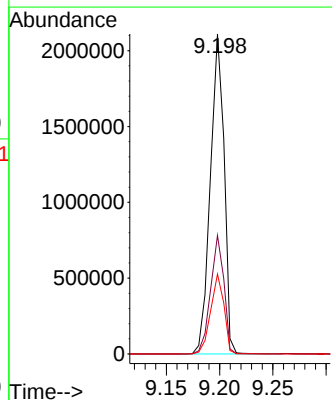
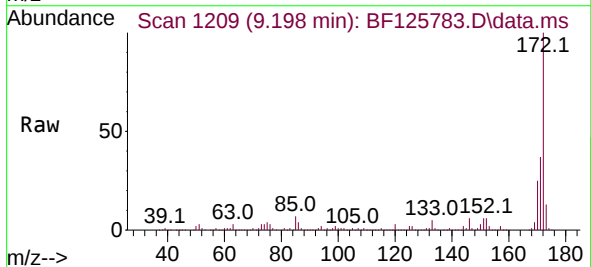
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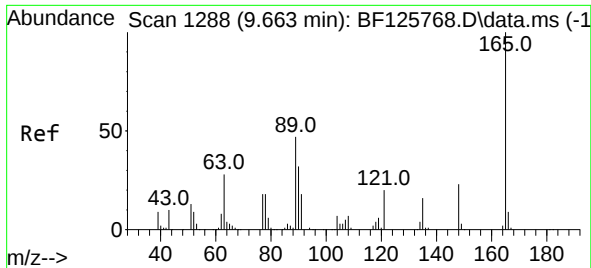
Tgt Ion:330 Resp: 33346
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 33.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 74.298 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

Tgt Ion:172 Resp: 1906801
Ion Ratio Lower Upper
172 100
171 37.0 26.5 39.7
170 24.9 18.8 28.2

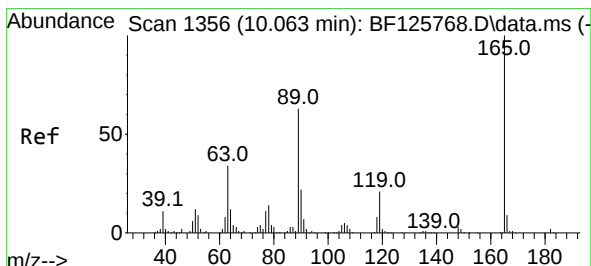
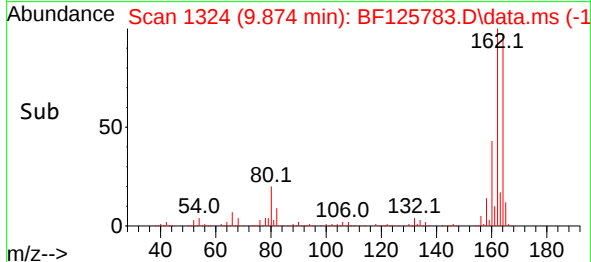
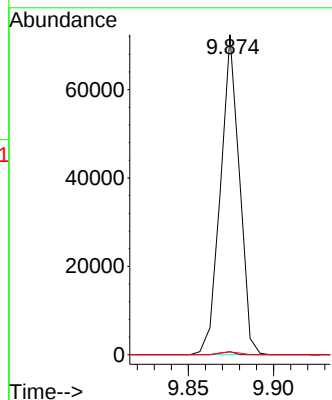
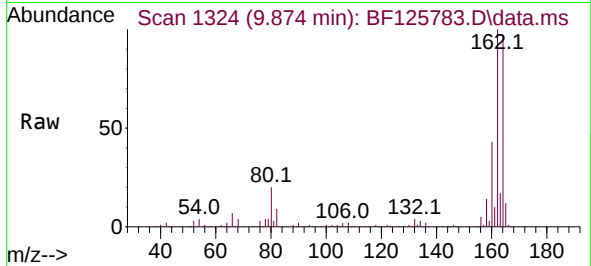




#51
2,6-Dinitrotoluene
Concen: 9.486 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

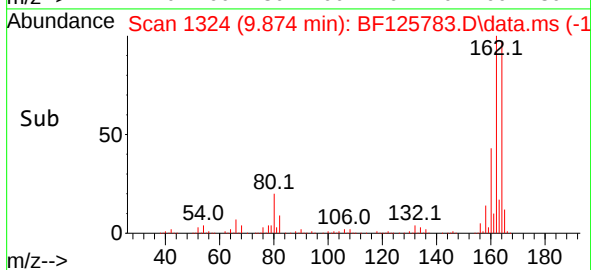
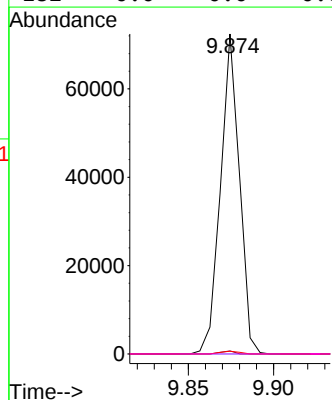
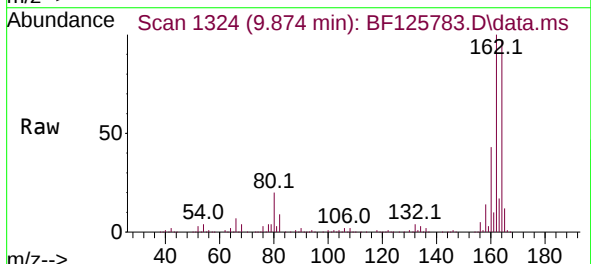
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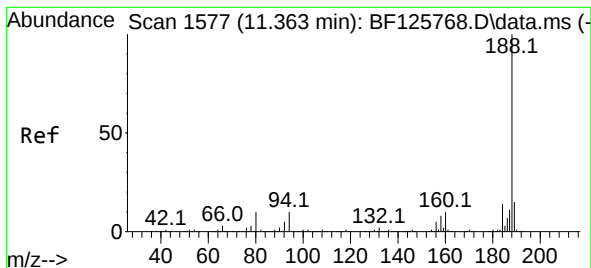
Tgt Ion:165 Resp: 55876
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.503 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

Tgt Ion:165 Resp: 55876
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

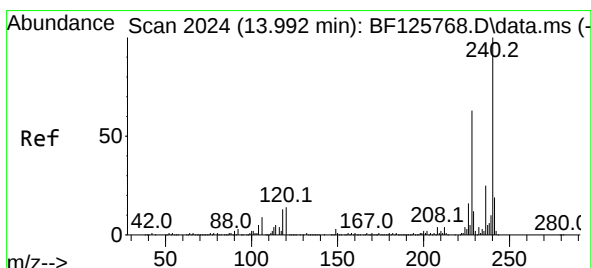
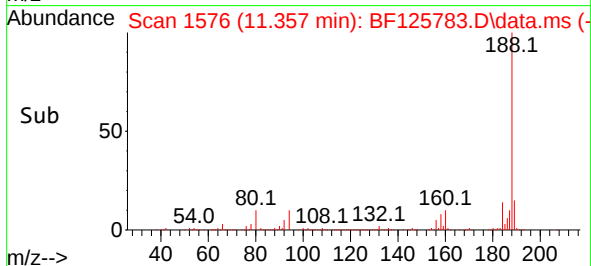
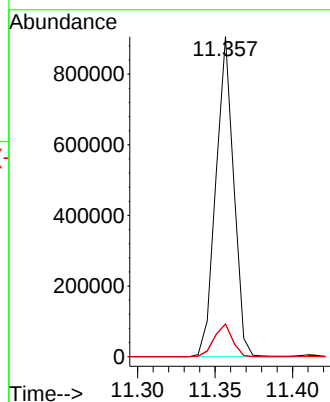
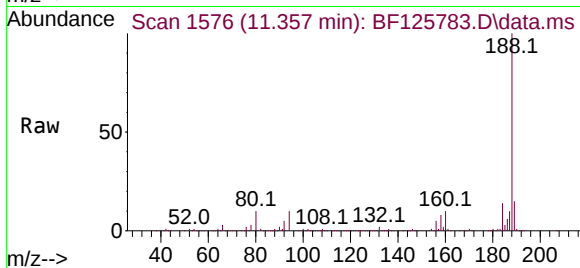




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

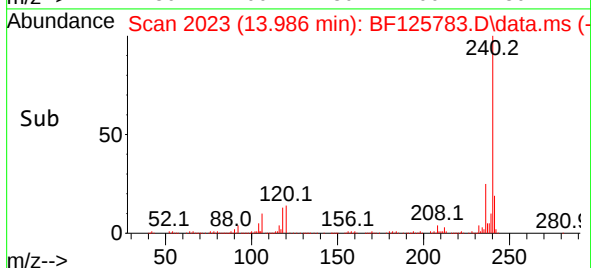
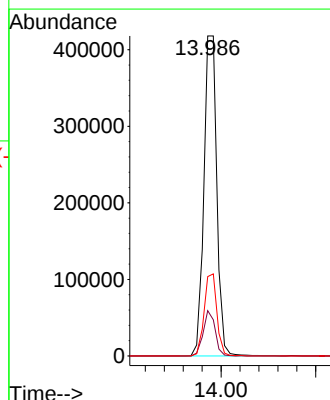
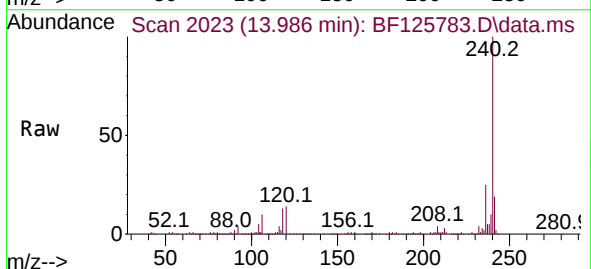
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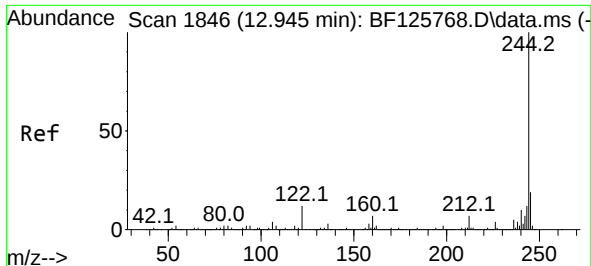
Tgt Ion:188 Resp: 725202
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

Tgt Ion:240 Resp: 397518
Ion Ratio Lower Upper
240 100
120 14.2 10.8 16.2
236 24.8 21.6 32.4

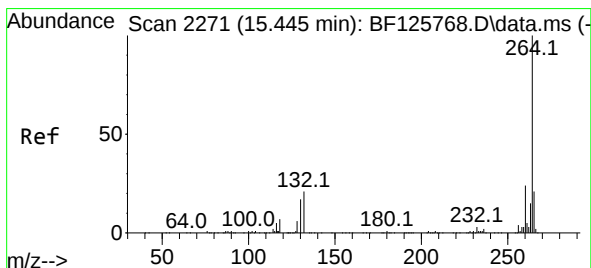
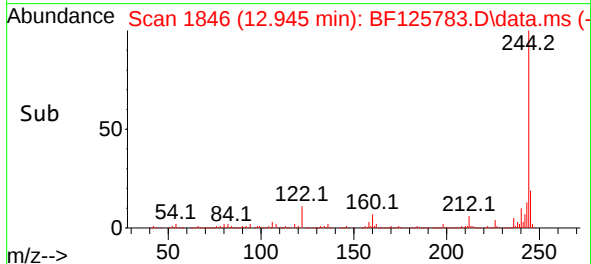
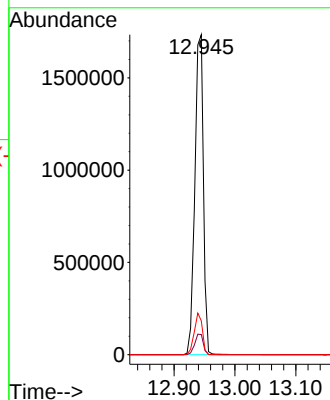
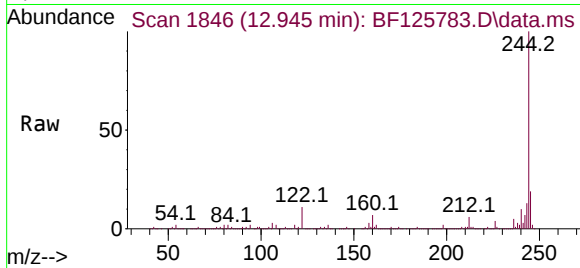




#79
Terphenyl-d14
Concen: 64.688 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF125783.D
Acq: 8 Oct 2021 15:24

Instrument :
BNA_F
ClientSampleId :
3-FENCE

Tgt Ion:244 Resp: 1688144
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 10.6 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: BF125783.D
Acq: 8 Oct 2021 15:24

Tgt Ion:264 Resp: 447349
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 20.7 17.2 25.8

