

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125910.D
 Acq On : 19 Oct 2021 20:35
 Operator : JU/CG
 Sample : M4256-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 454BASIN-20211014

Quant Time: Oct 20 09:30:18 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

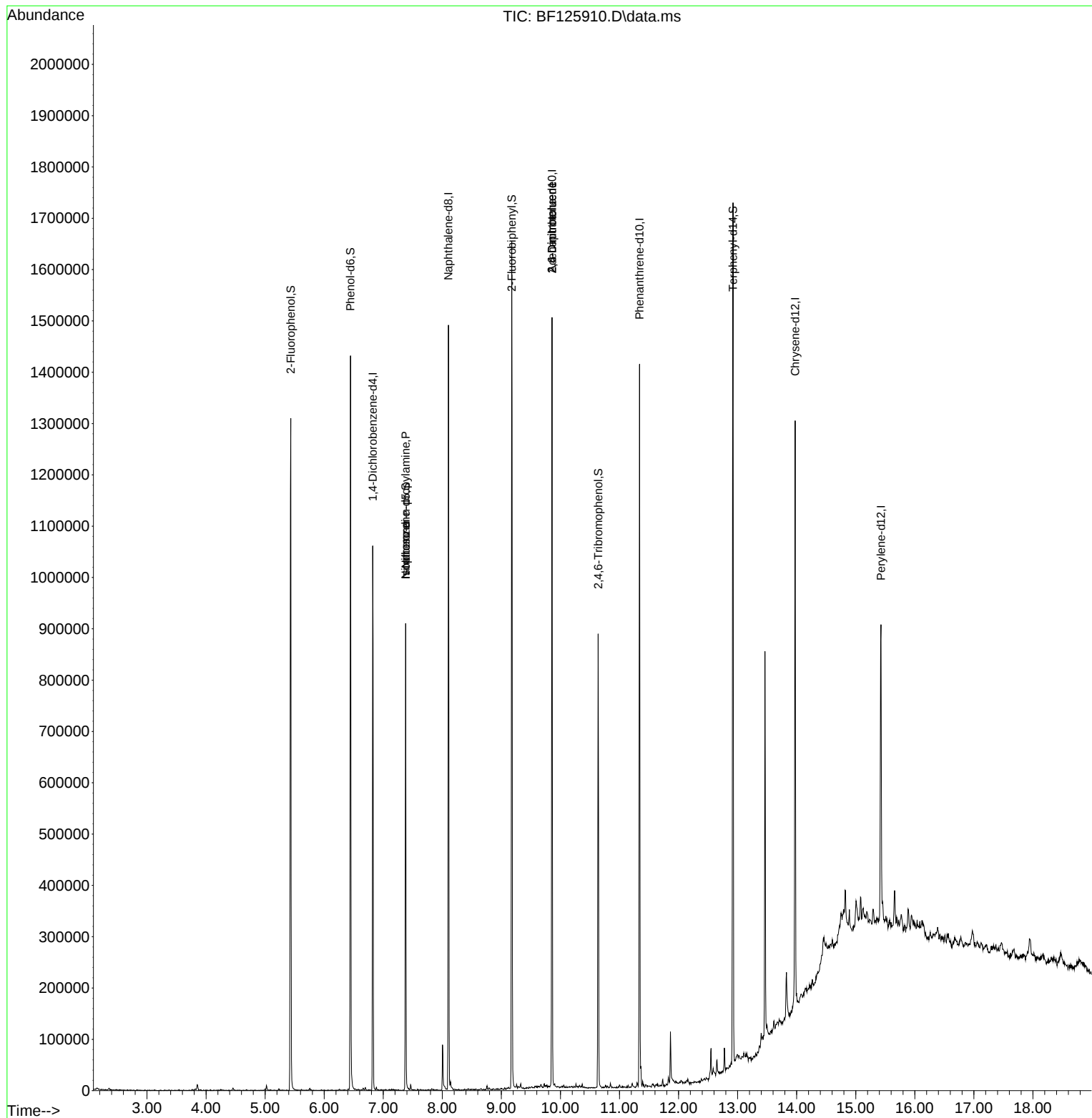
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	164646	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	622530	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	278970	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	471710	20.000	ng	0.00
76) Chrysene-d12	13.974	240	355831	20.000	ng	0.00
86) Perylene-d12	15.427	264	258249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	399185	39.607	ng	0.00
7) Phenol-d6	6.445	99	468252	36.090	ng	-0.01
23) Nitrobenzene-d5	7.381	82	253900	25.352	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	101337	36.792	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	498146	30.799	ng	0.00
79) Terphenyl-d14	12.922	244	517961	22.173	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	30865	4.506	ng	# 52
25) Isophorone	7.381	82	253898	14.310	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	36672	9.879	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	36672	7.813	ng	# 19

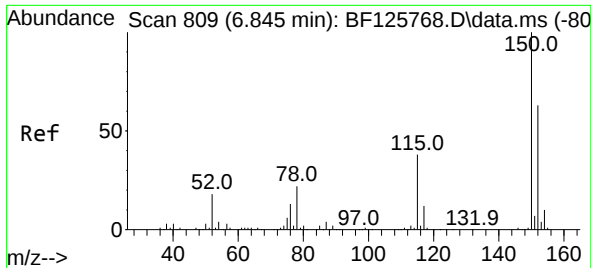
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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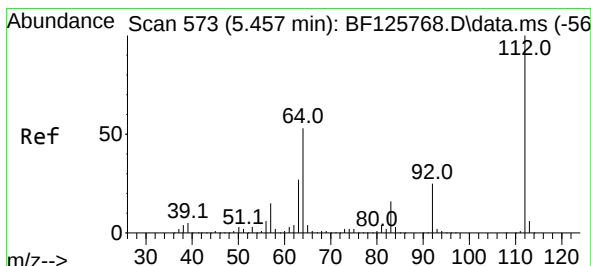
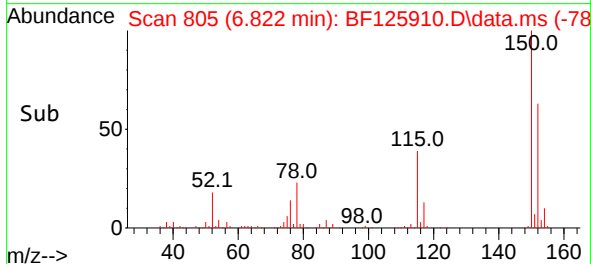
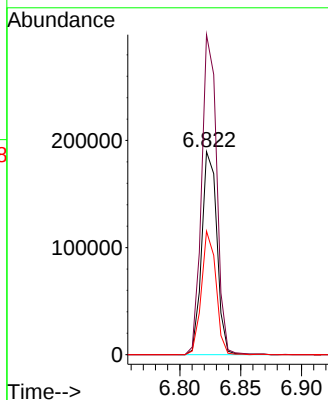
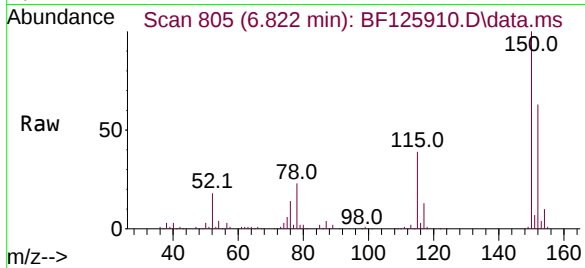




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

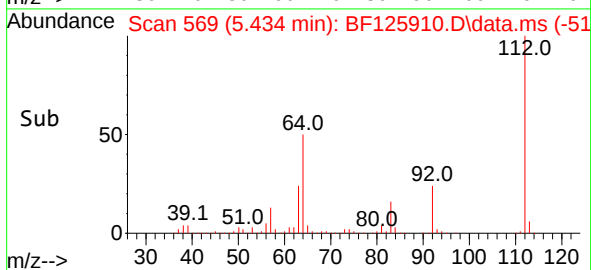
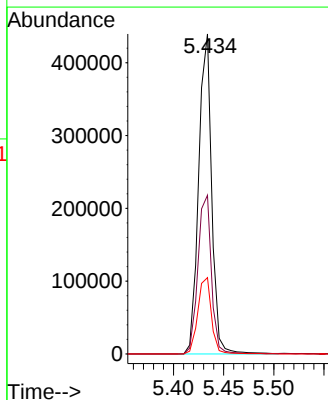
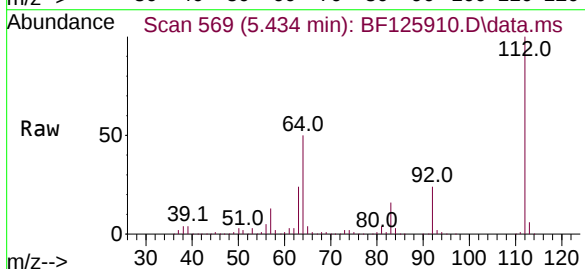
Instrument :
BNA_F
ClientSampleId :
454BASIN-20211014

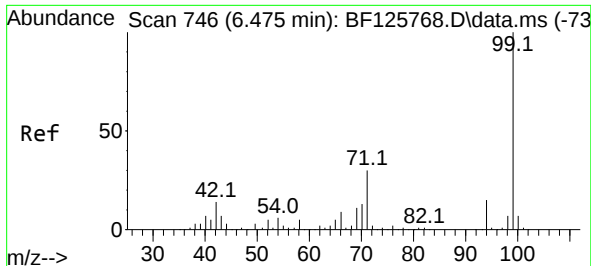
Tgt Ion:152 Resp: 164646
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 39.607 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion:112 Resp: 399185
Ion Ratio Lower Upper
112 100
64 49.6 44.2 66.2
63 23.8 26.2 39.2#

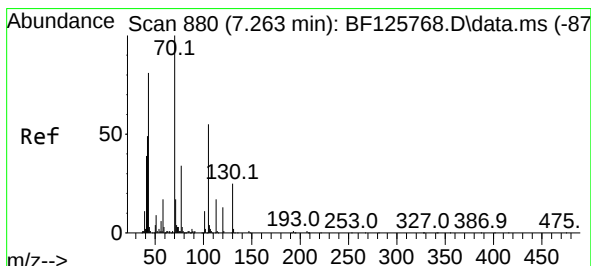
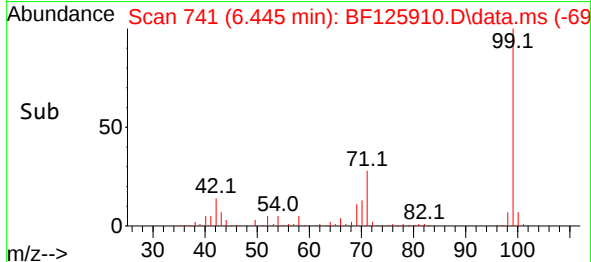
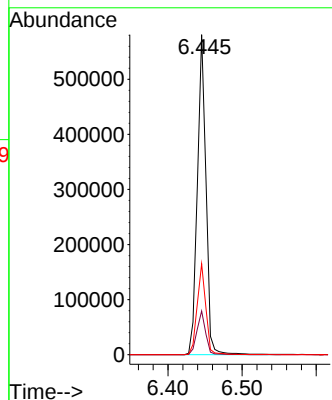
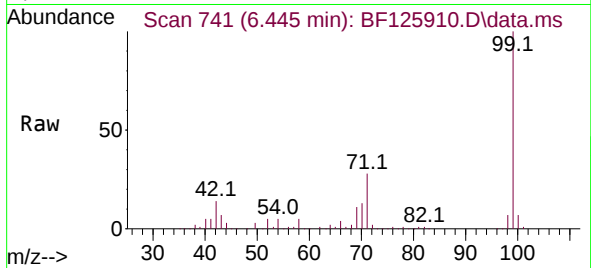




#7
Phenol-d6
Concen: 36.090 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

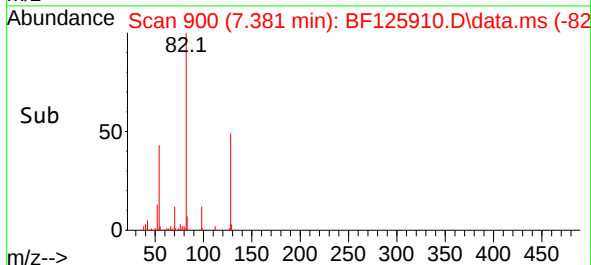
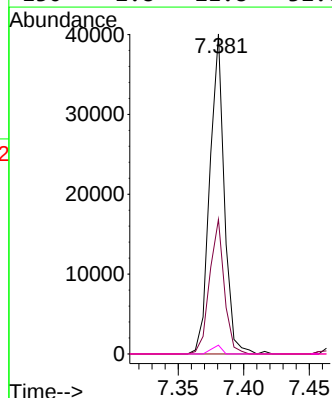
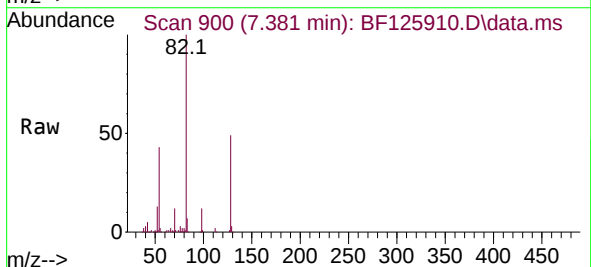
Instrument :
BNA_F
ClientSampleId :
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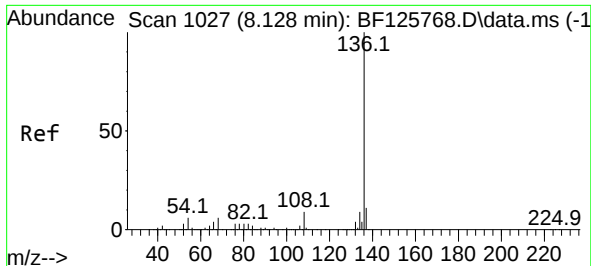
Tgt Ion: 99 Resp: 468252
Ion Ratio Lower Upper
99 100
42 13.6 23.5 35.3#
71 28.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.506 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion: 70 Resp: 30865
Ion Ratio Lower Upper
70 100
42 42.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.8 21.8 32.6#



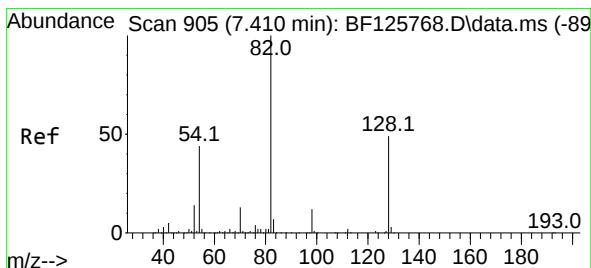
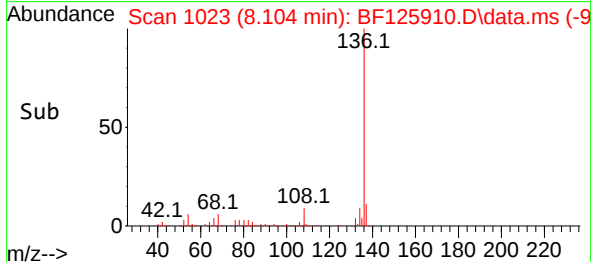
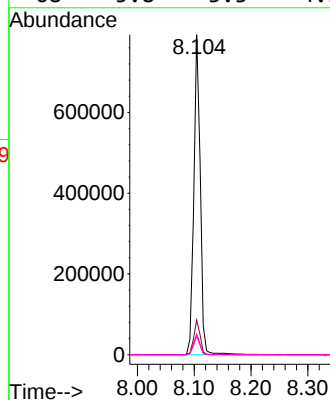
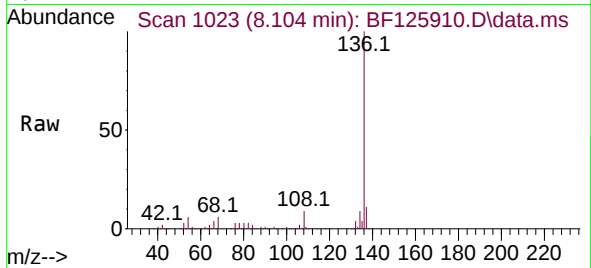


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Instrument :
BNA_F
ClientSampleId :
454BASIN-20211014

Tgt Ion:136 Resp: 622530

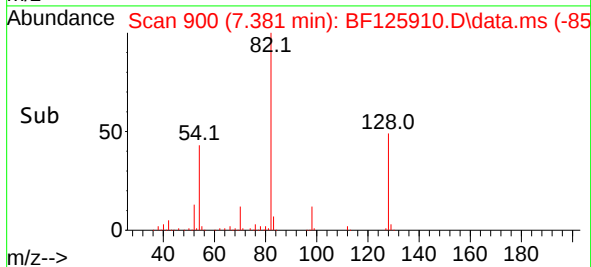
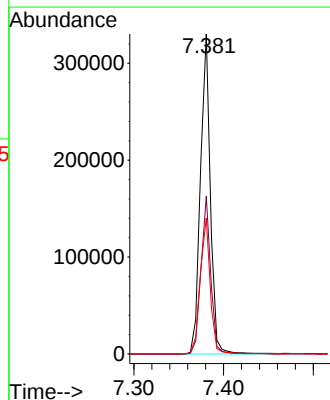
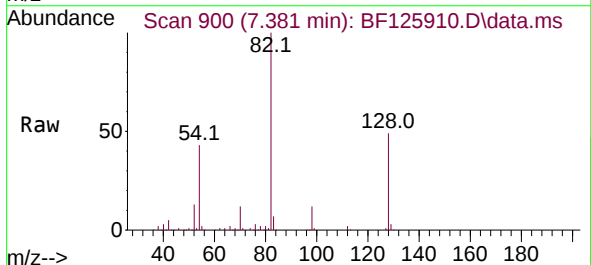
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	6.3	6.4	9.6#
68	5.8	3.3	4.9#

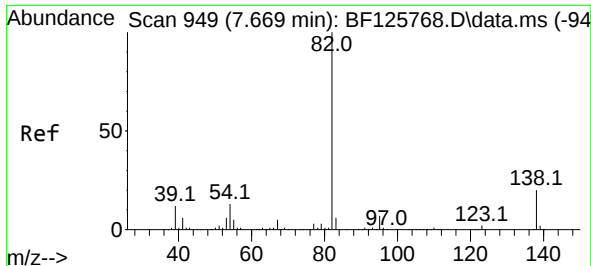


#23
Nitrobenzene-d5
Concen: 25.352 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion: 82 Resp: 253900

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.6	60.8
54	42.5	49.6	74.4#

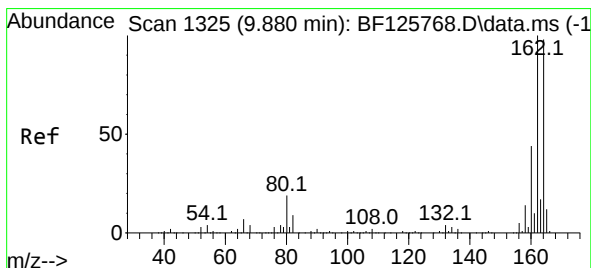
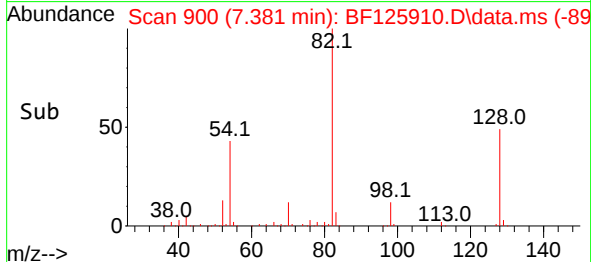
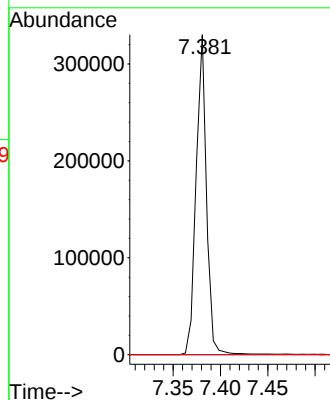
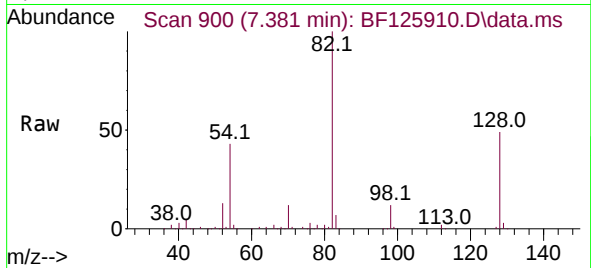




#25
Isophorone
Concen: 14.310 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.270 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

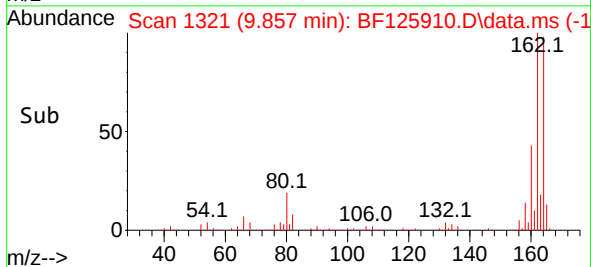
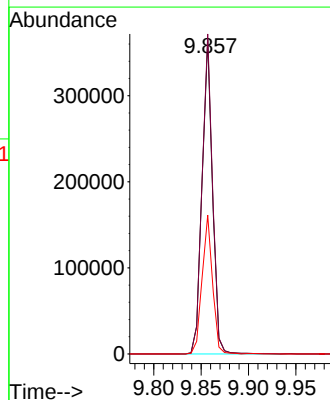
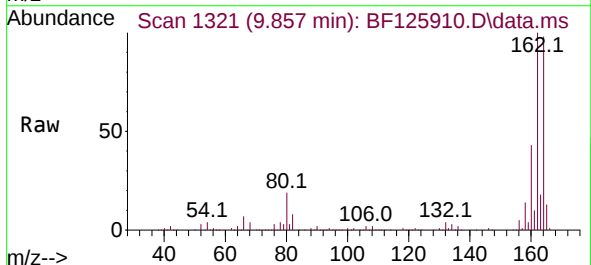
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ClientSampleId :
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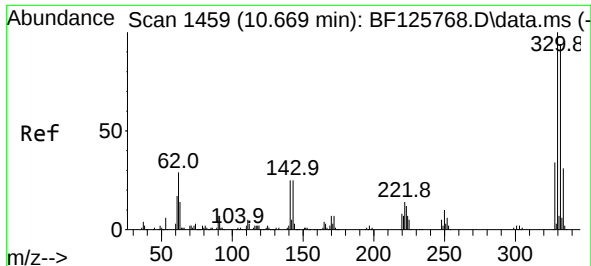
Tgt Ion: 82 Resp: 253898
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion: 164 Resp: 278970
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 44.2 38.0 57.0

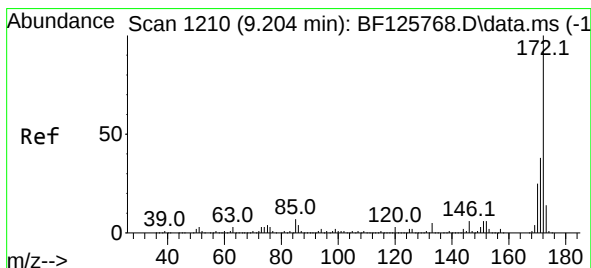
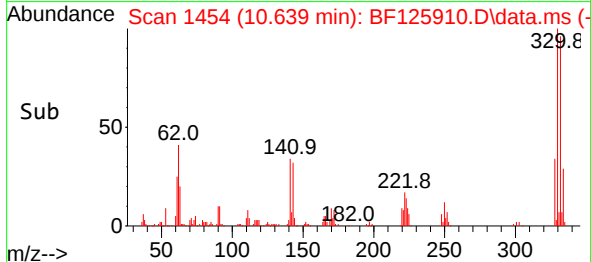
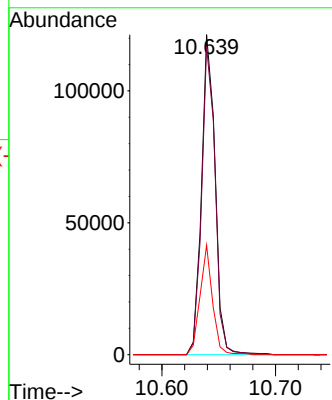
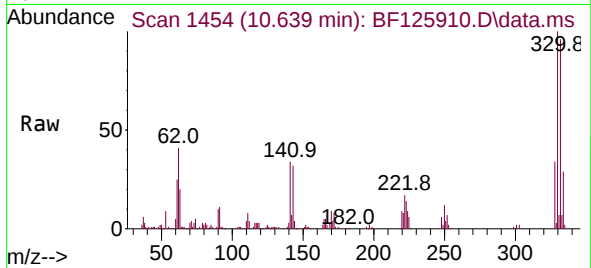




#42
2,4,6-Tribromophenol
Concen: 36.792 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

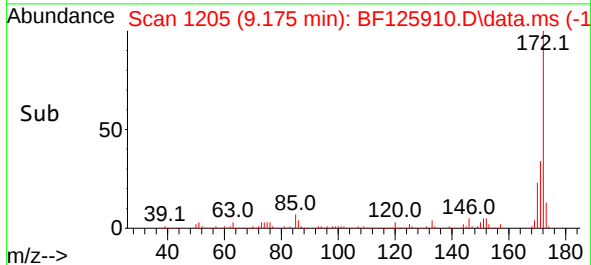
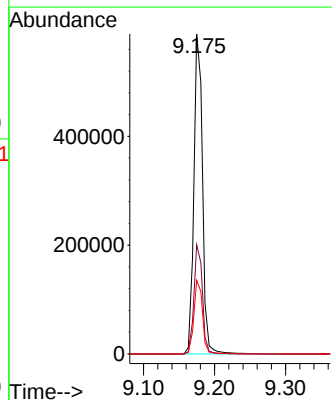
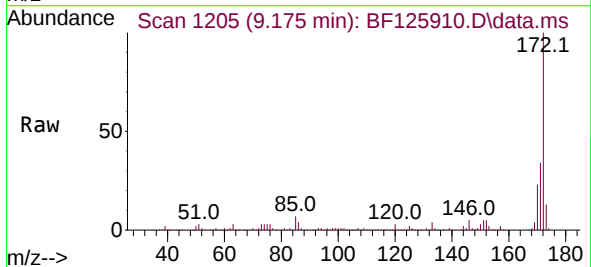
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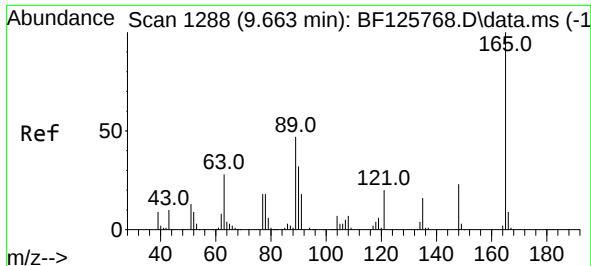
Tgt Ion:330 Resp: 101337
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 30.799 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion:172 Resp: 498146
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 23.0 18.8 28.2

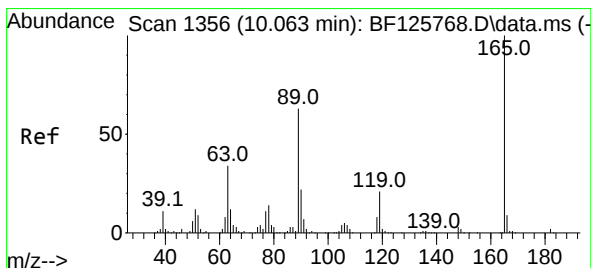
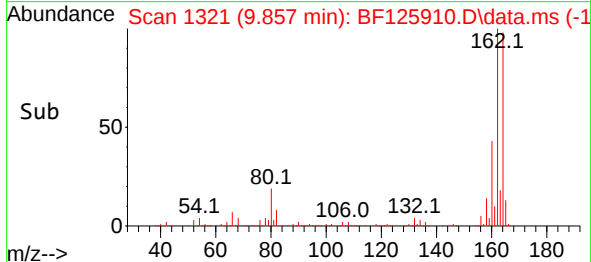
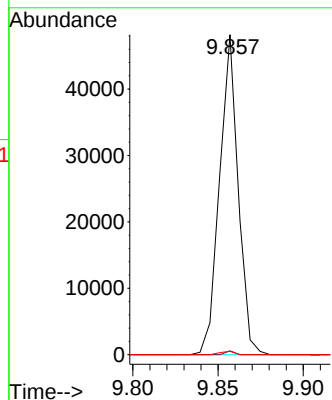
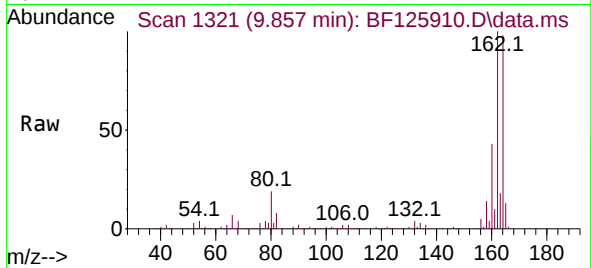




#51
2,6-Dinitrotoluene
Concen: 9.879 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

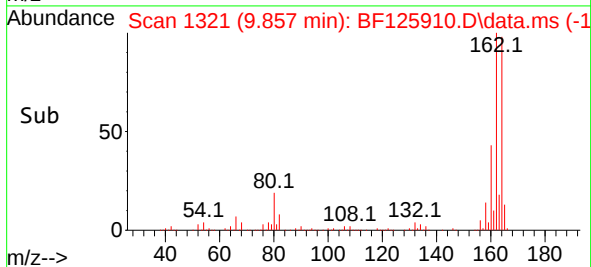
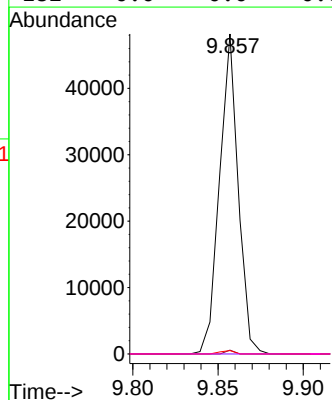
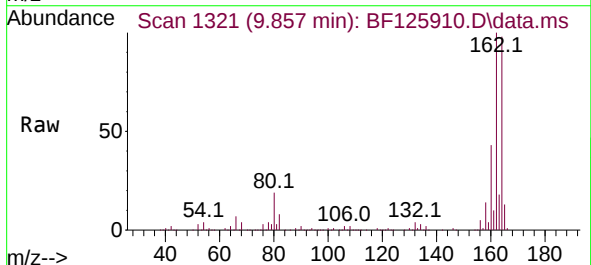
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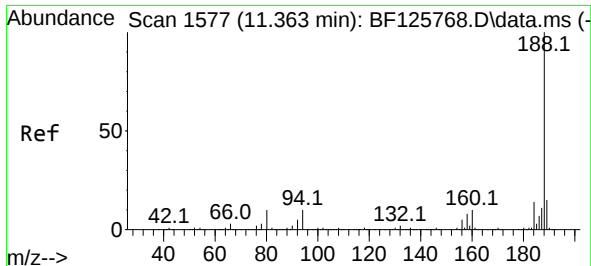
Tgt Ion:165 Resp: 36672
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.813 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion:165 Resp: 36672
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

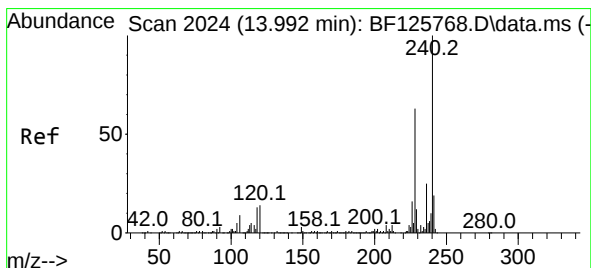
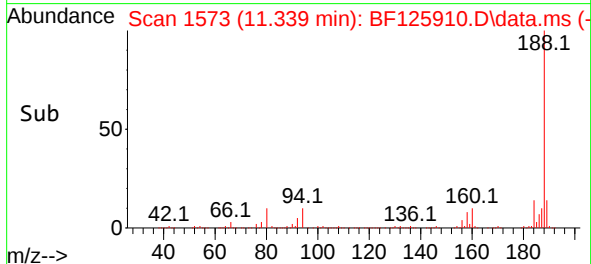
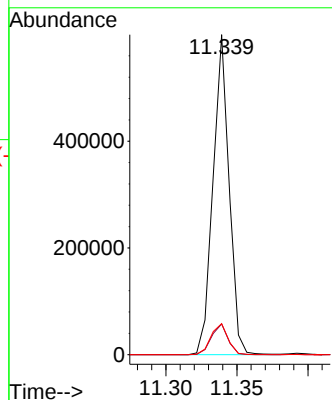
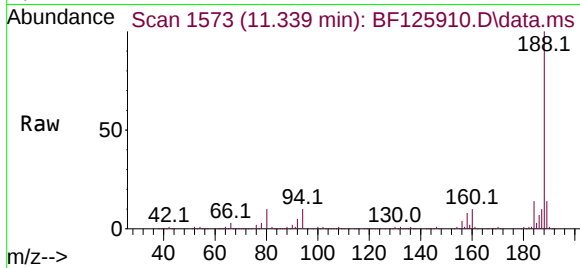




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

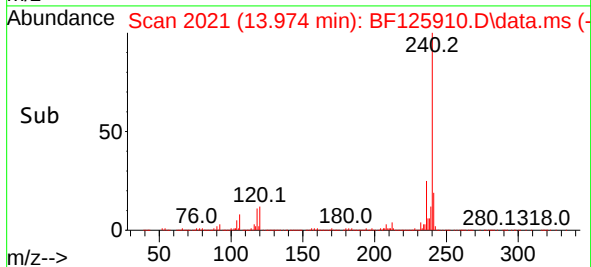
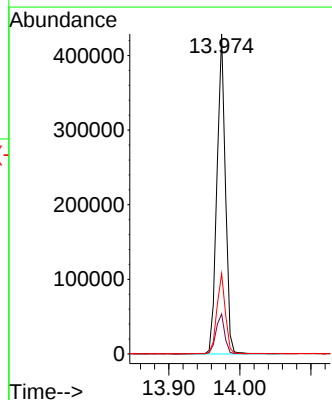
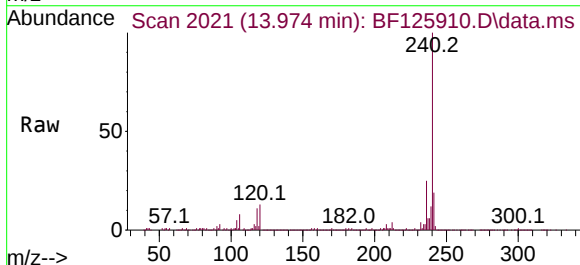
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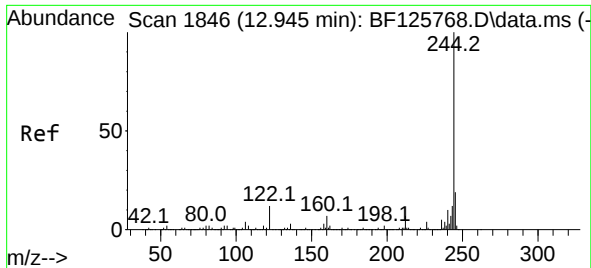
Tgt Ion:188 Resp: 471710
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 9.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion:240 Resp: 355831
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 25.1 21.6 32.4

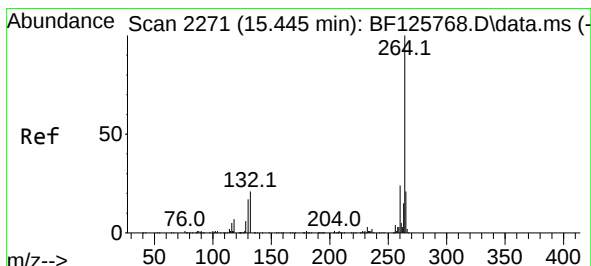
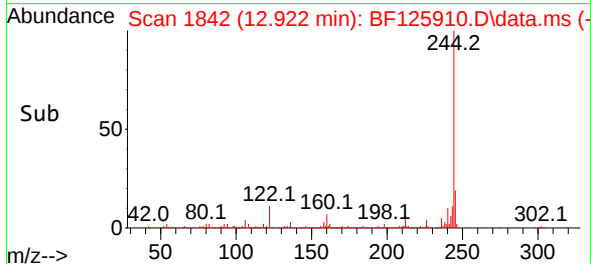
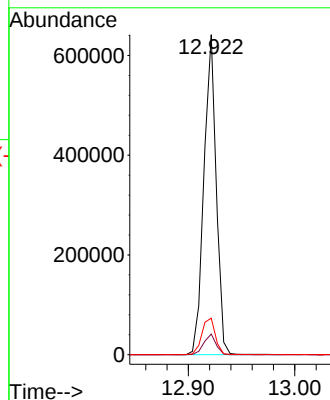
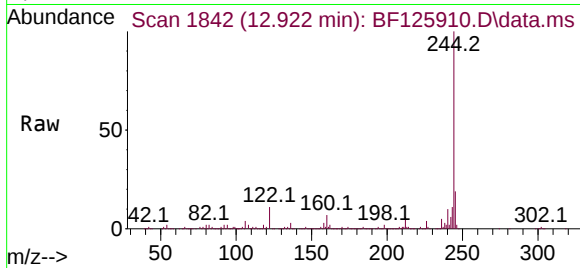




#79
Terphenyl-d14
Concen: 22.173 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Instrument :
BNA_F
ClientSampleId :
454BASIN-20211014

Tgt Ion:244 Resp: 517961
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 11.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BF125910.D
Acq: 19 Oct 2021 20:35

Tgt Ion:264 Resp: 258249
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 21.1 17.2 25.8

