

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125929.D
 Acq On : 26 Oct 2021 12:09
 Operator : JU/CG
 Sample : M4325-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RED-BOX-1-225057

Quant Time: Oct 26 14:41:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

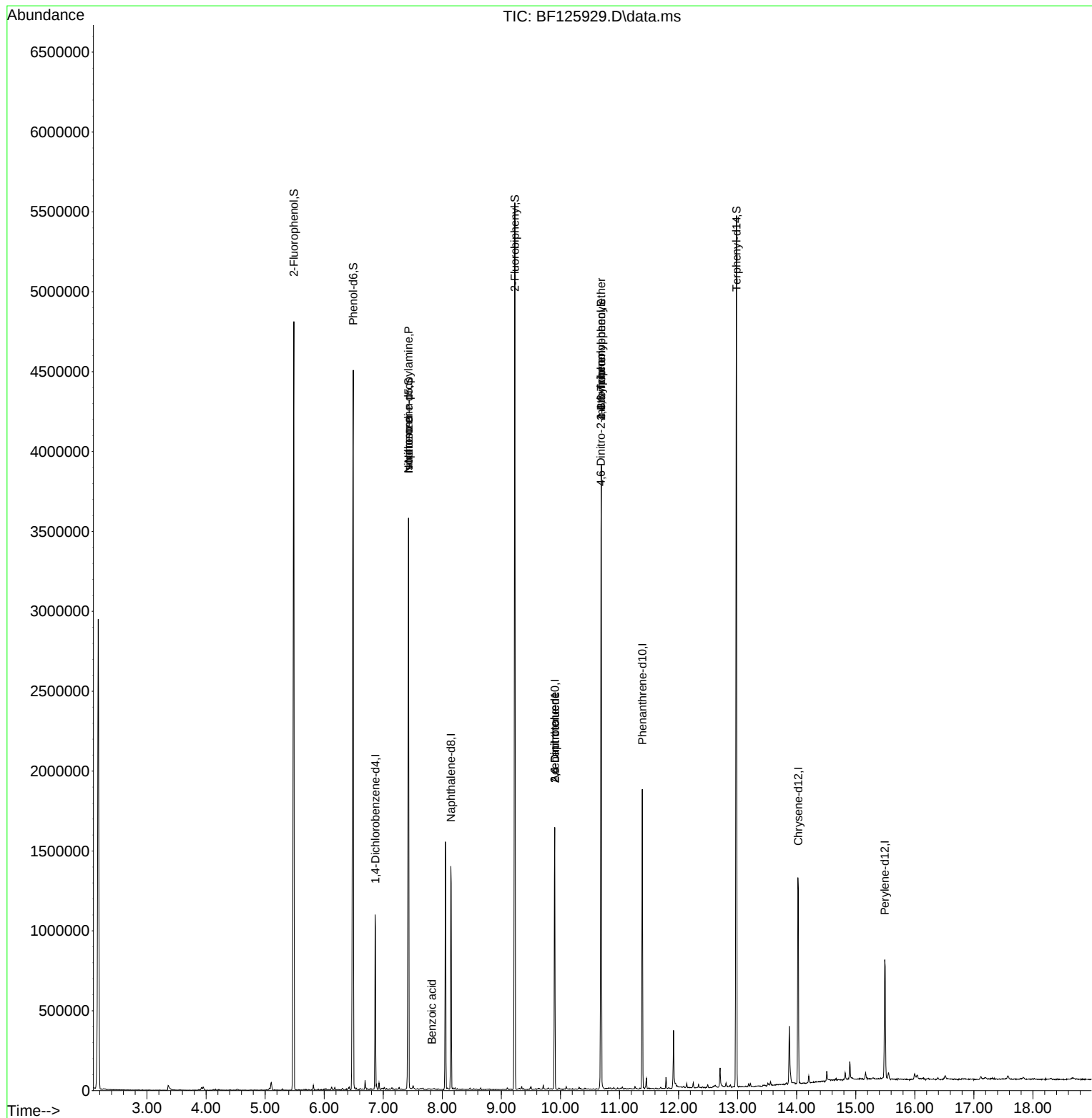
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	142654	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	582852	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	329803	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	623070	20.000	ng	0.00
76) Chrysene-d12	14.027	240	454402	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	328869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1209997	126.342	ng	0.00
7) Phenol-d6	6.492	99	1508897	114.869	ng	0.00
23) Nitrobenzene-d5	7.428	82	1065219	94.402	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	415655	144.574	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1597801	85.675	ng	0.00
79) Terphenyl-d14	12.980	244	1874060	67.461	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	147310	19.628	ng	# 69
25) Isophorone	7.428	82	1064997	49.561	ng	# 59
32) Benzoic acid	7.822	122	344	4.222	ng	# 79
51) 2,6-Dinitrotoluene	9.904	165	43342	10.756	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	43342	8.757	ng	# 20
58) Fluorene	10.692	166	14259	Below Cal		# 91
65) 4,6-Dinitro-2-methylph...	10.686	198	1131	6.426	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	28581	4.294	ng	# 1

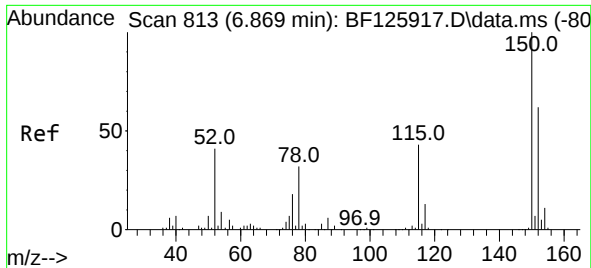
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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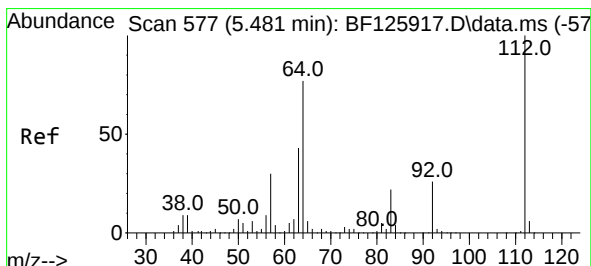
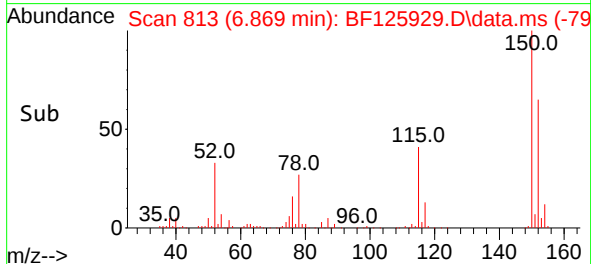
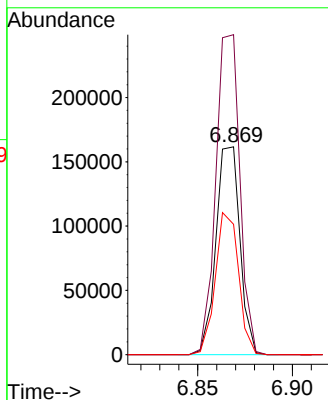
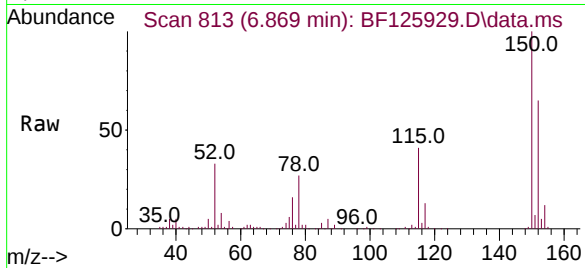




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

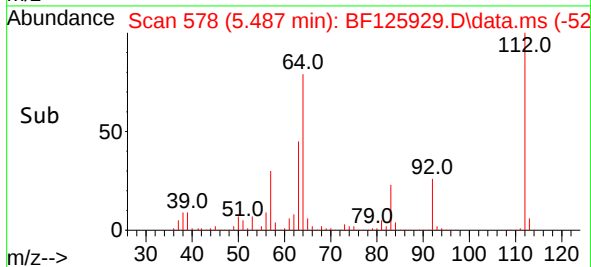
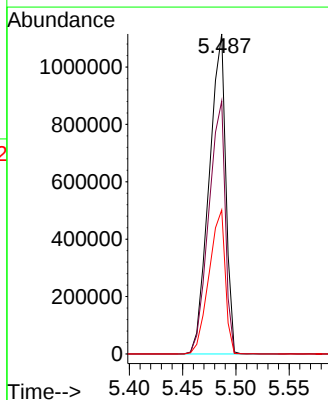
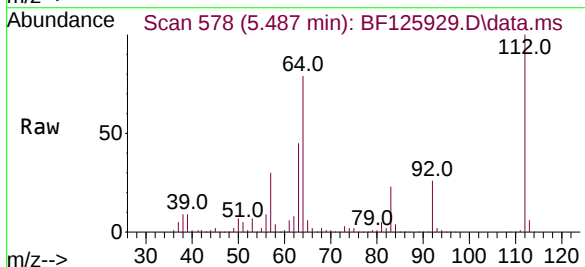
Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057

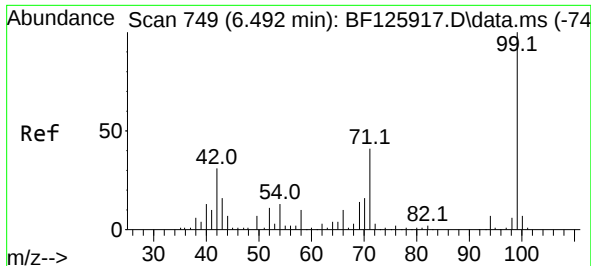
Tgt Ion:152 Resp: 142654
Ion Ratio Lower Upper
152 100
150 154.0 117.6 176.4
115 62.7 47.1 70.7



#5
2-Fluorophenol
Concen: 126.342 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

Tgt Ion:112 Resp: 1209997
Ion Ratio Lower Upper
112 100
64 79.1 44.2 66.2#
63 45.0 26.2 39.2#

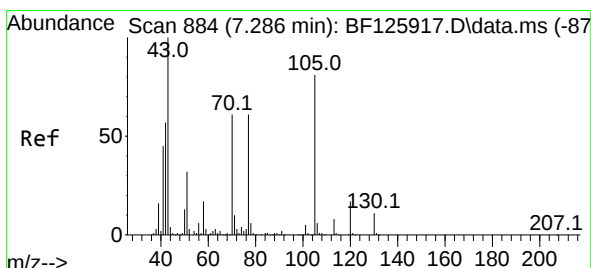
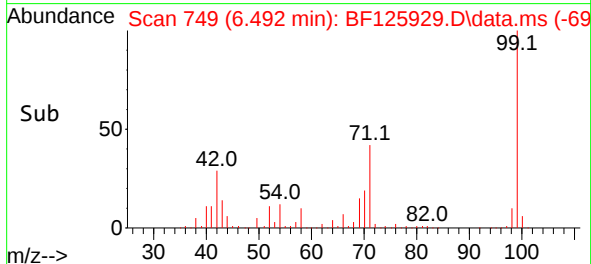
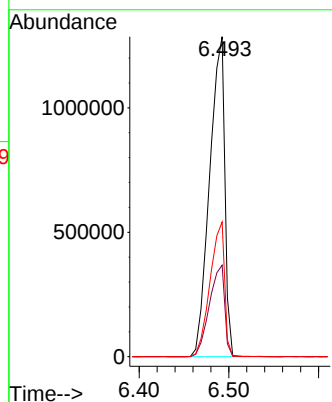
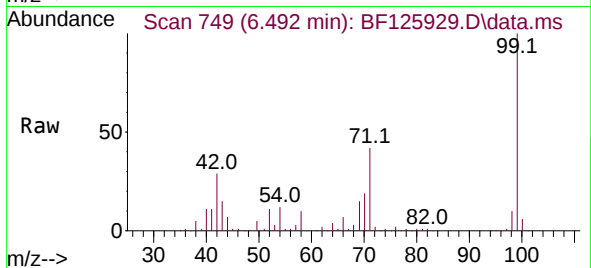




#7
Phenol-d6
Concen: 114.869 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

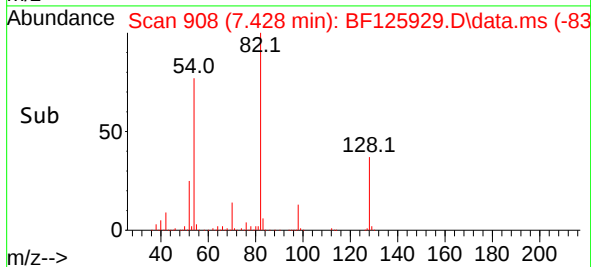
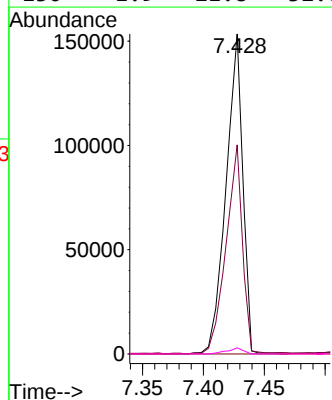
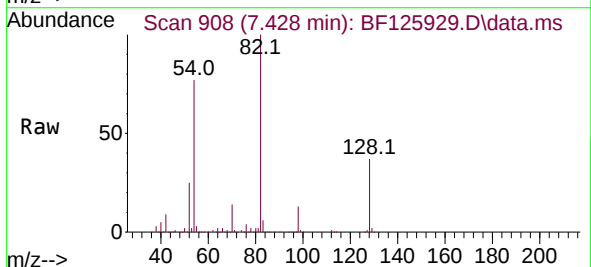
Instrument :
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ClientSampleId :
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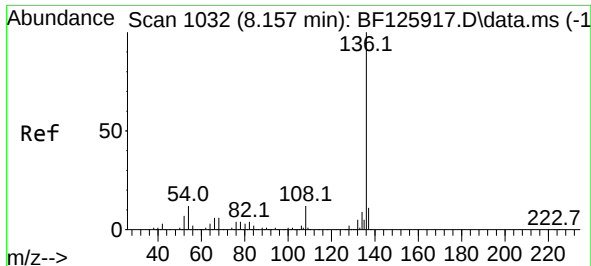
Tgt Ion: 99 Resp: 1508897
Ion Ratio Lower Upper
99 100
42 28.6 23.5 35.3
71 42.1 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.628 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

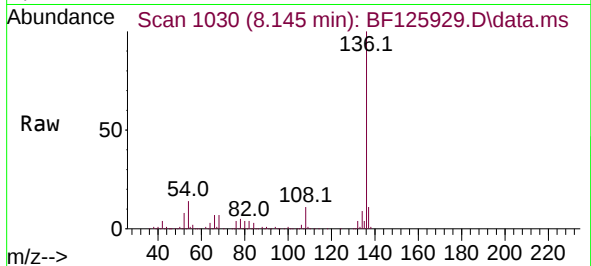
Tgt Ion: 70 Resp: 147310
Ion Ratio Lower Upper
70 100
42 65.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



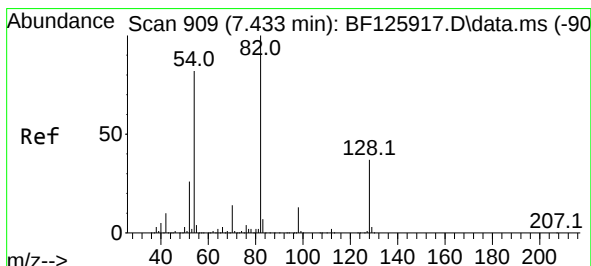
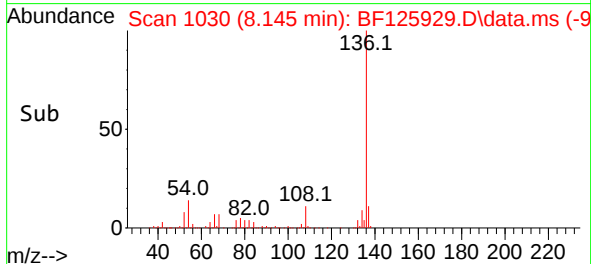
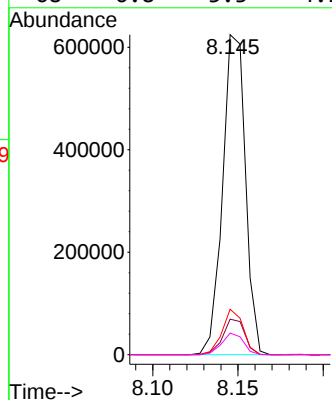


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057

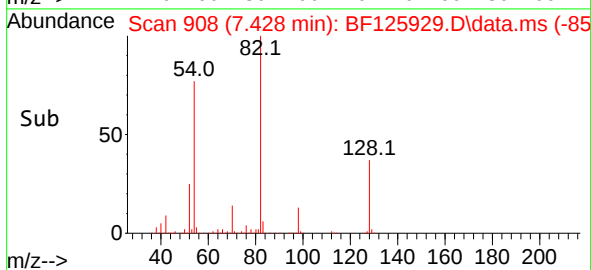
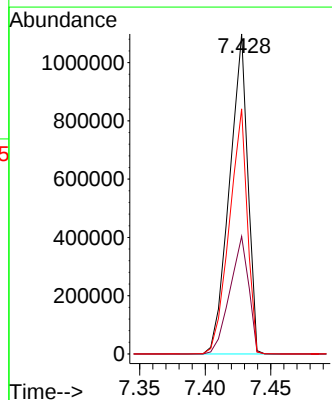
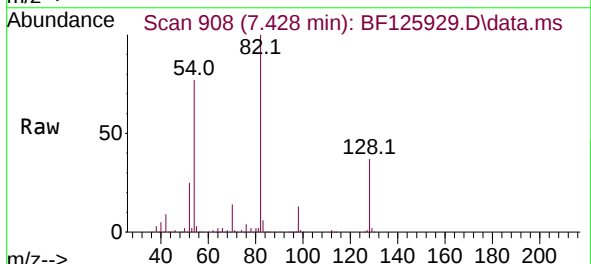


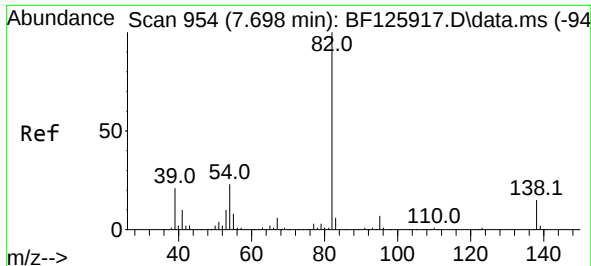
Tgt Ion:136 Resp: 582852
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 14.2 6.4 9.6#
68 6.8 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 94.402 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

Tgt Ion: 82 Resp: 1065219
Ion Ratio Lower Upper
82 100
128 36.8 40.6 60.8#
54 76.6 49.6 74.4#

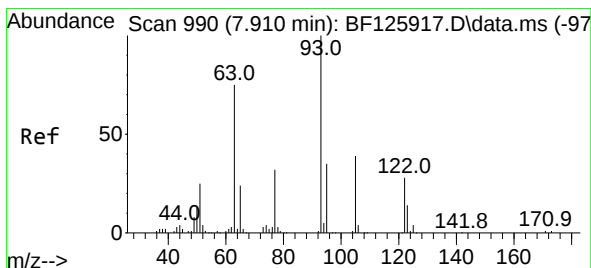
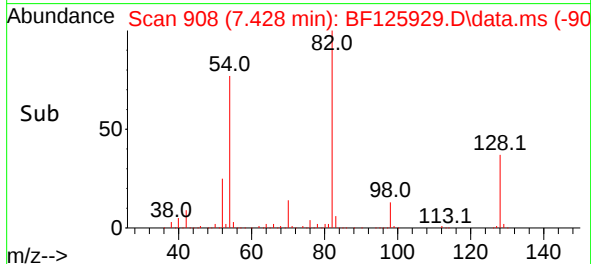
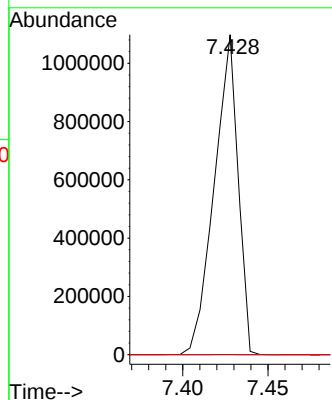
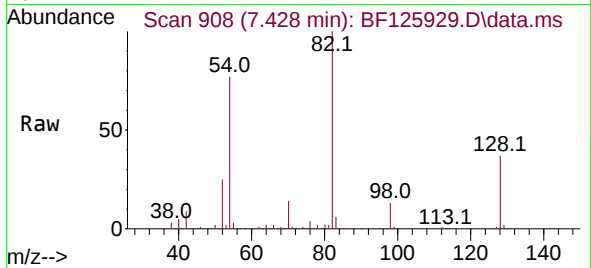




#25
Isophorone
Concen: 49.561 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.270 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

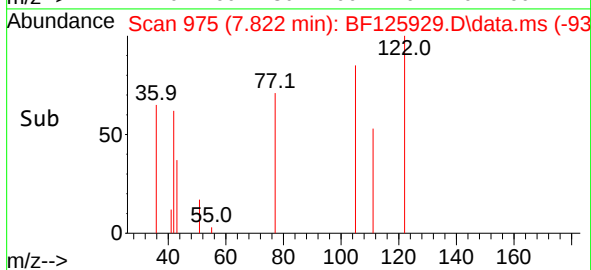
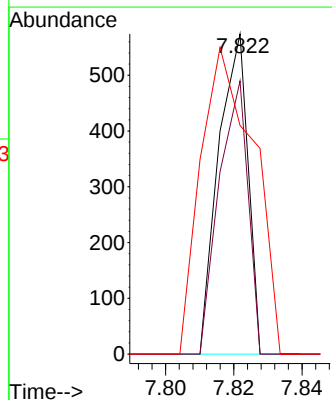
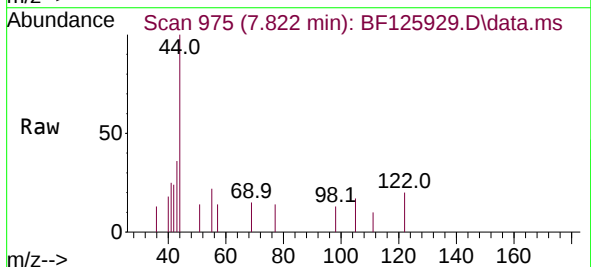
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ClientSampleId :
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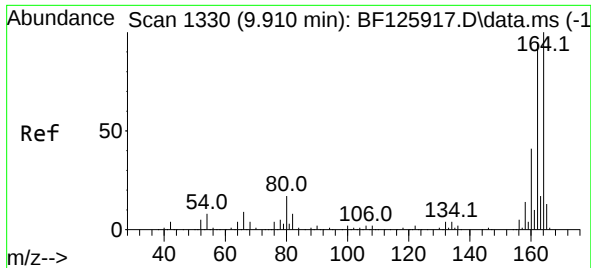
Tgt Ion: 82 Resp: 1064997
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.222 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.088 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

Tgt Ion: 122 Resp: 344
Ion Ratio Lower Upper
122 100
105 85.4 97.6 137.6#
77 71.4 59.6 99.6

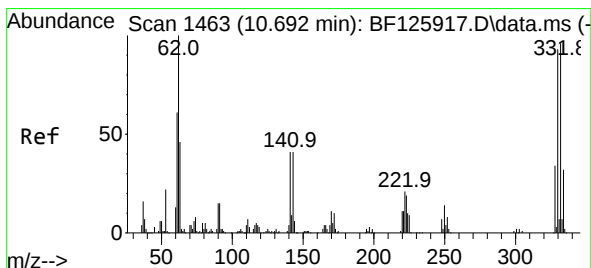
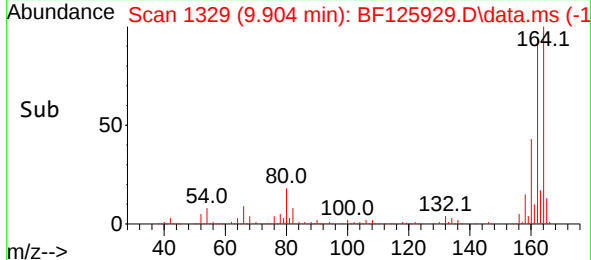
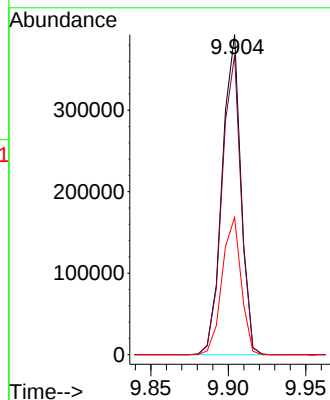
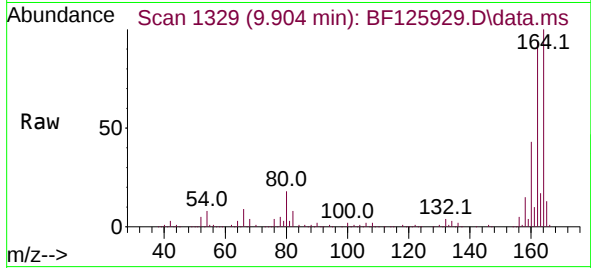




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

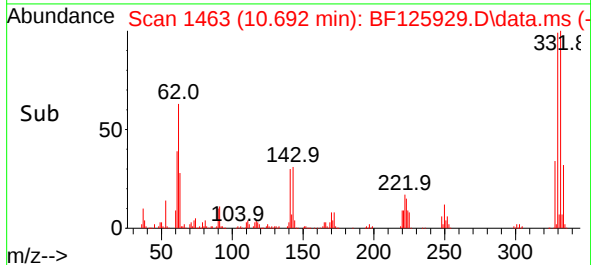
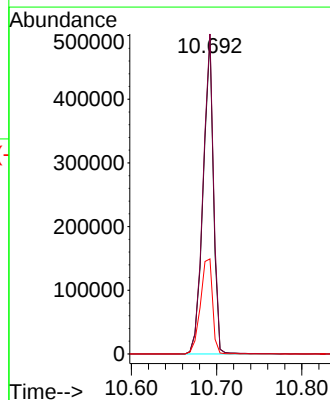
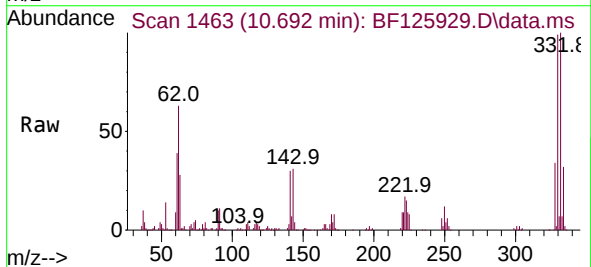
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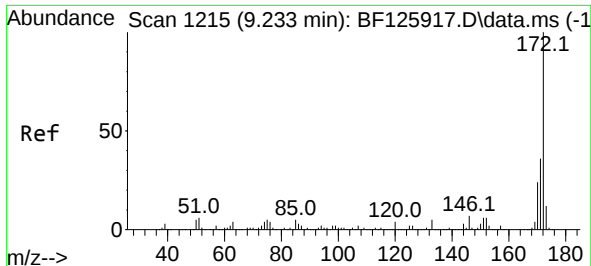
Tgt Ion:164 Resp: 329803
Ion Ratio Lower Upper
164 100
162 93.6 81.3 121.9
160 42.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 144.574 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

Tgt Ion:330 Resp: 415655
Ion Ratio Lower Upper
330 100
332 103.1 76.2 114.4
141 35.4 44.6 66.8#

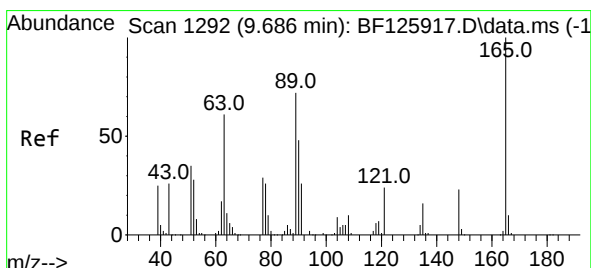
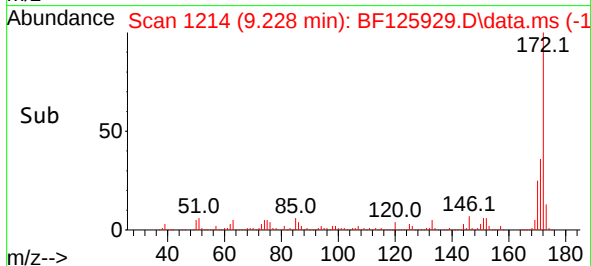
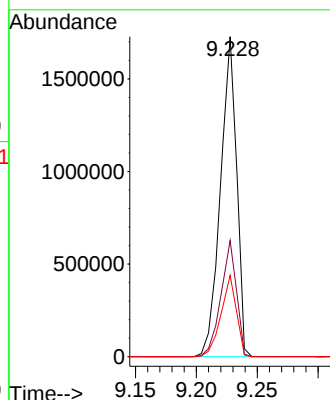
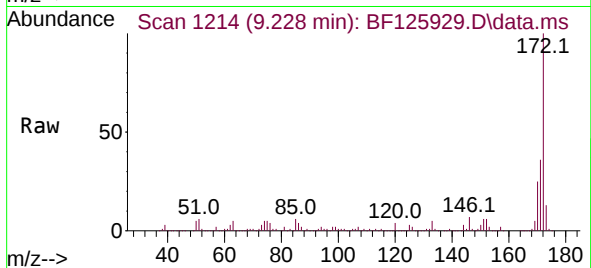




#45
2-Fluorobiphenyl
Concen: 85.675 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

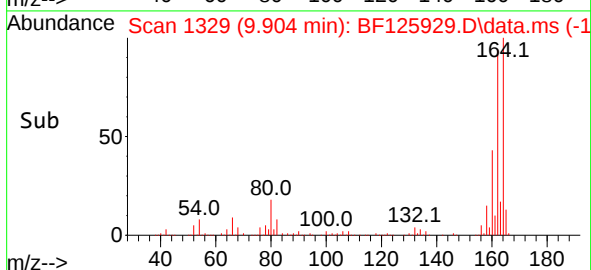
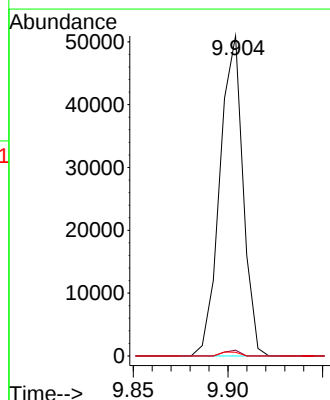
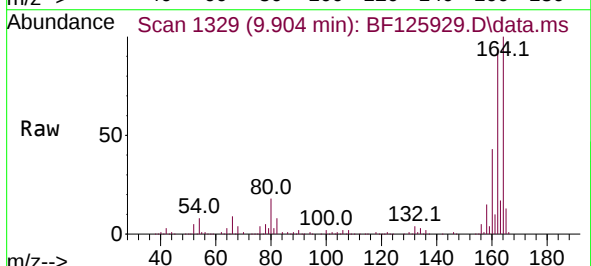
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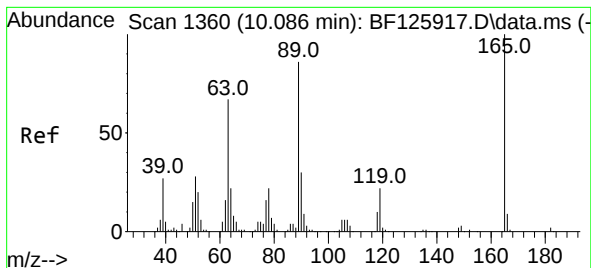
Tgt Ion:172 Resp: 1597801
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 25.4 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.756 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

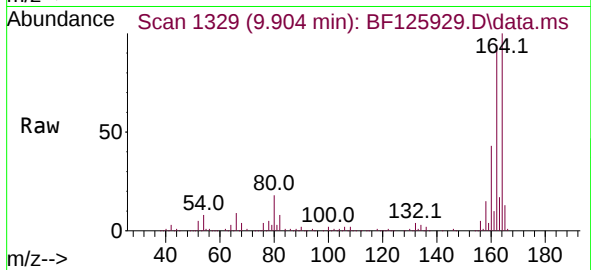
Tgt Ion:165 Resp: 43342
Ion Ratio Lower Upper
165 100
63 1.8 42.6 63.8#
89 1.2 40.6 60.8#



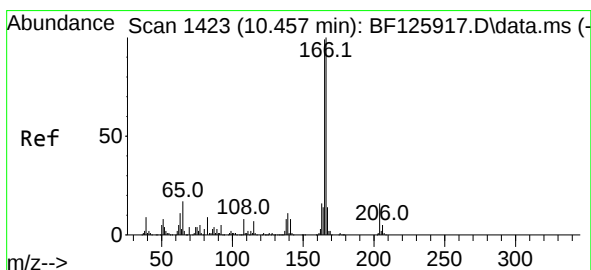
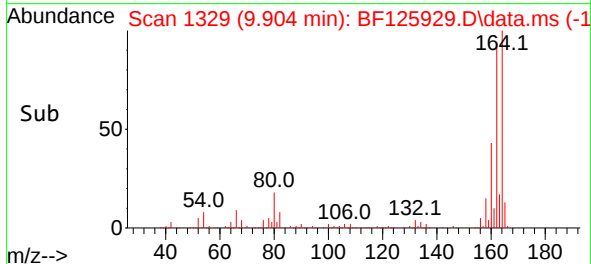
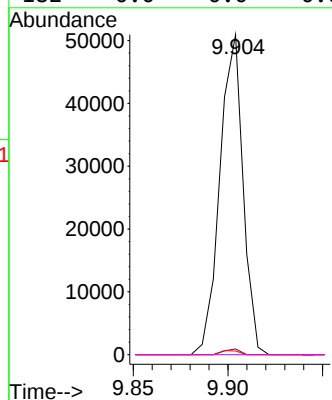


#57
2,4-Dinitrotoluene
Concen: 8.757 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057

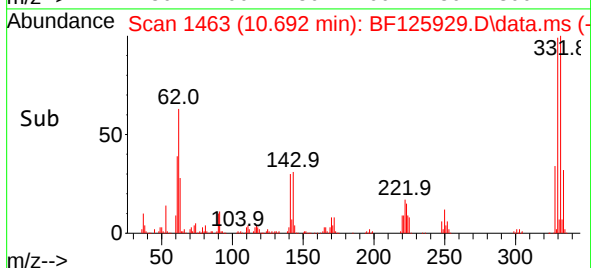
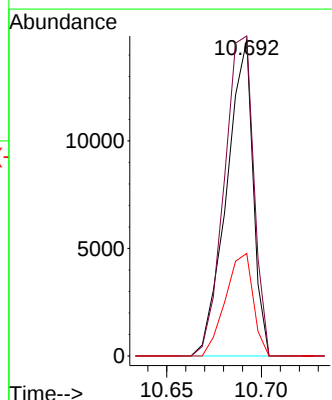
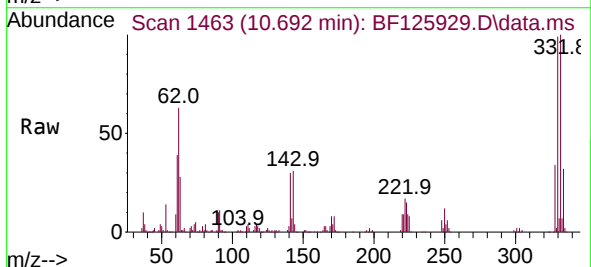


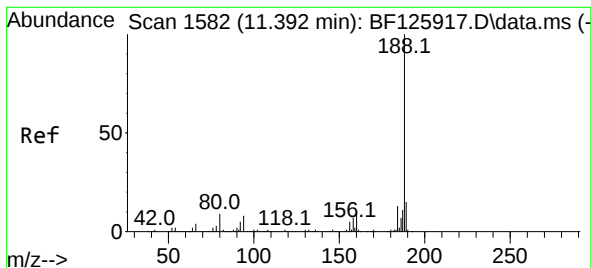
Tgt Ion:165 Resp: 43342
Ion Ratio Lower Upper
165 100
63 1.8 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: Below Cal
RT: 10.692 min Scan# 1463
Delta R.T. 0.235 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

Tgt Ion:166 Resp: 14259
Ion Ratio Lower Upper
166 100
165 101.2 78.1 117.1
167 32.4 11.1 16.7#

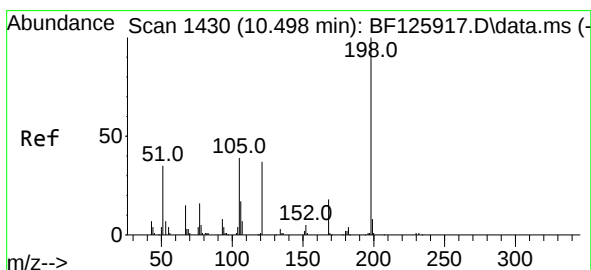
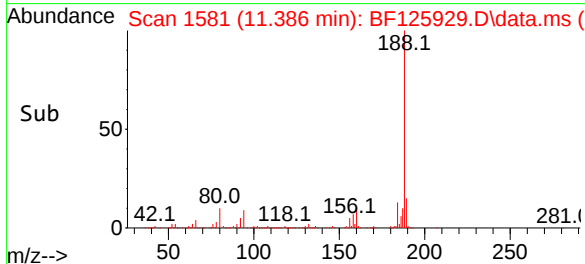
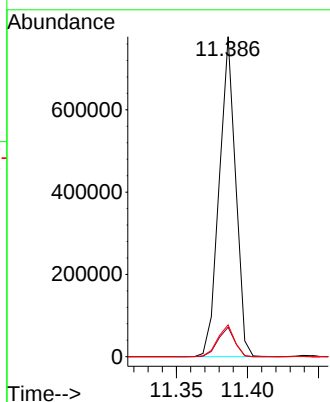
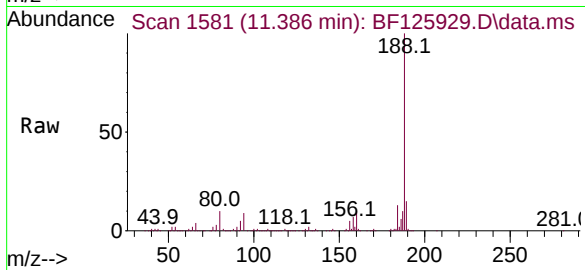




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

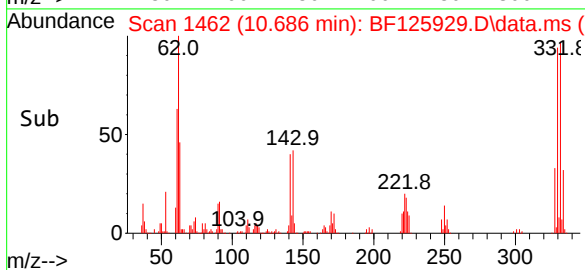
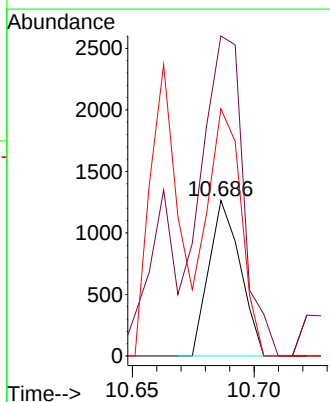
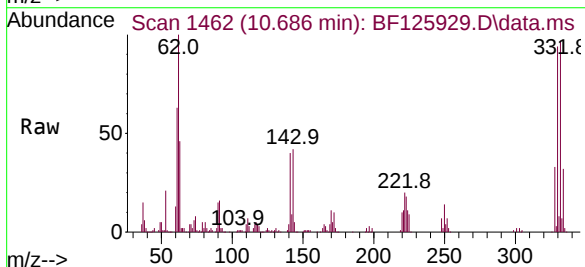
Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057

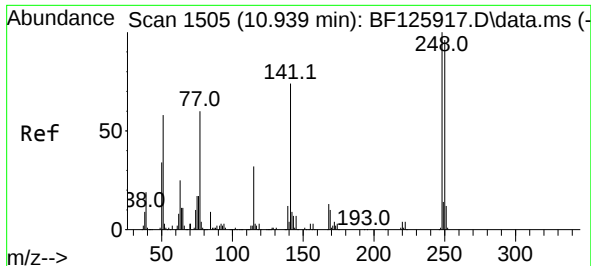
Tgt Ion:188 Resp: 623070
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.0 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.426 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

Tgt Ion:198 Resp: 1131
Ion Ratio Lower Upper
198 100
51 205.8 45.3 85.3#
105 158.9 30.6 70.6#

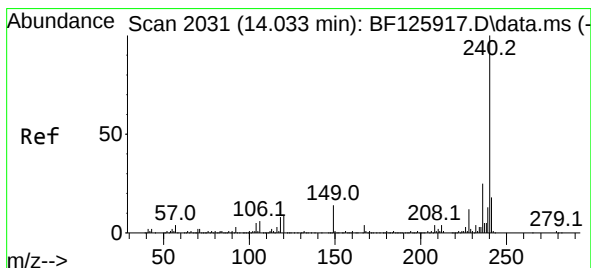
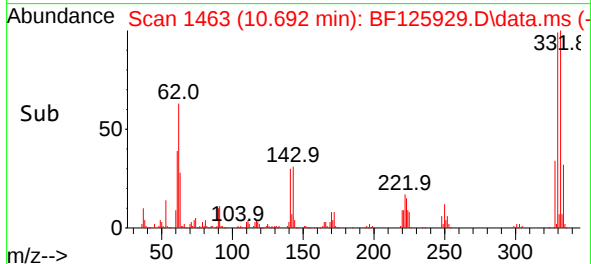
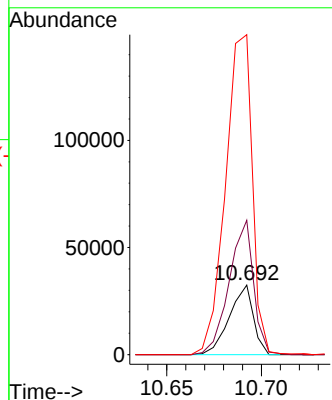
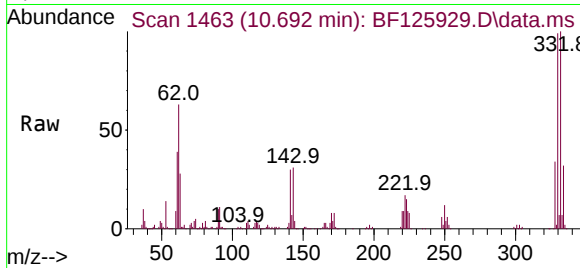




#67
4-Bromophenyl-phenylether
Concen: 4.294 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

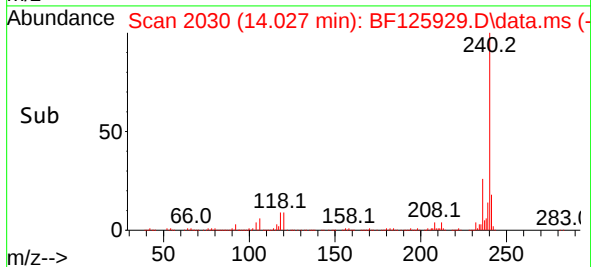
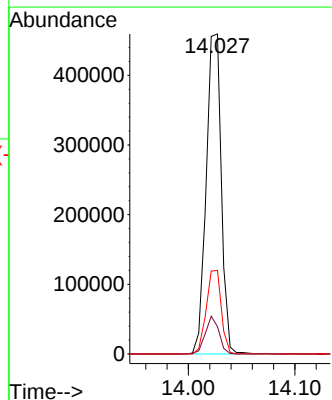
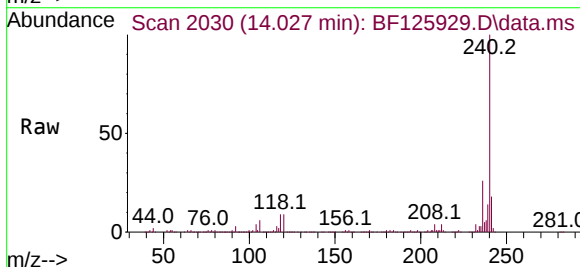
Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057

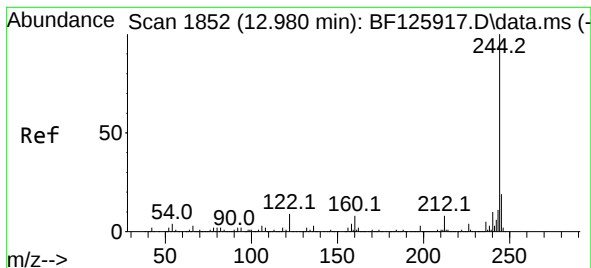
Tgt Ion:248 Resp: 28581
Ion Ratio Lower Upper
248 100
250 193.1 74.2 111.4#
141 459.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125929.D
Acq: 26 Oct 2021 12:09

Tgt Ion:240 Resp: 454402
Ion Ratio Lower Upper
240 100
120 8.6 10.8 16.2#
236 26.1 21.6 32.4





#79

Terphenyl-d14

Concen: 67.461 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF125929.D

Acq: 26 Oct 2021 12:09

Tgt Ion:244 Resp: 1874060

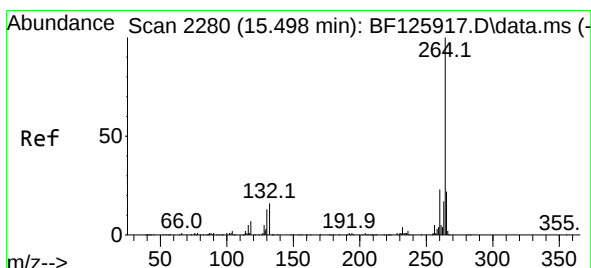
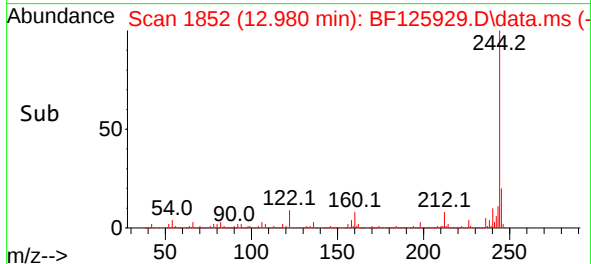
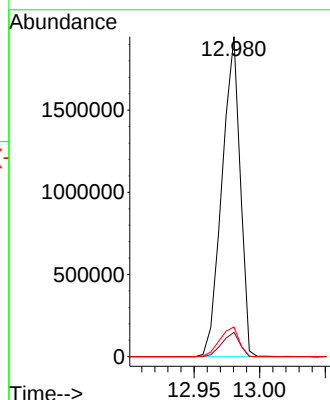
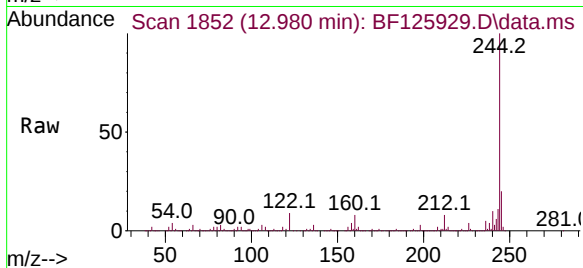
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.3	9.0	13.4

Instrument :

BNA_F

ClientSampleId :

RED-BOX-1-225057



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF125929.D

Acq: 26 Oct 2021 12:09

Tgt Ion:264 Resp: 328869

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.0	17.2	25.8

