

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125933.D
 Acq On : 26 Oct 2021 14:18
 Operator : JU/CG
 Sample : M4308-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Oct 26 14:44:58 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)

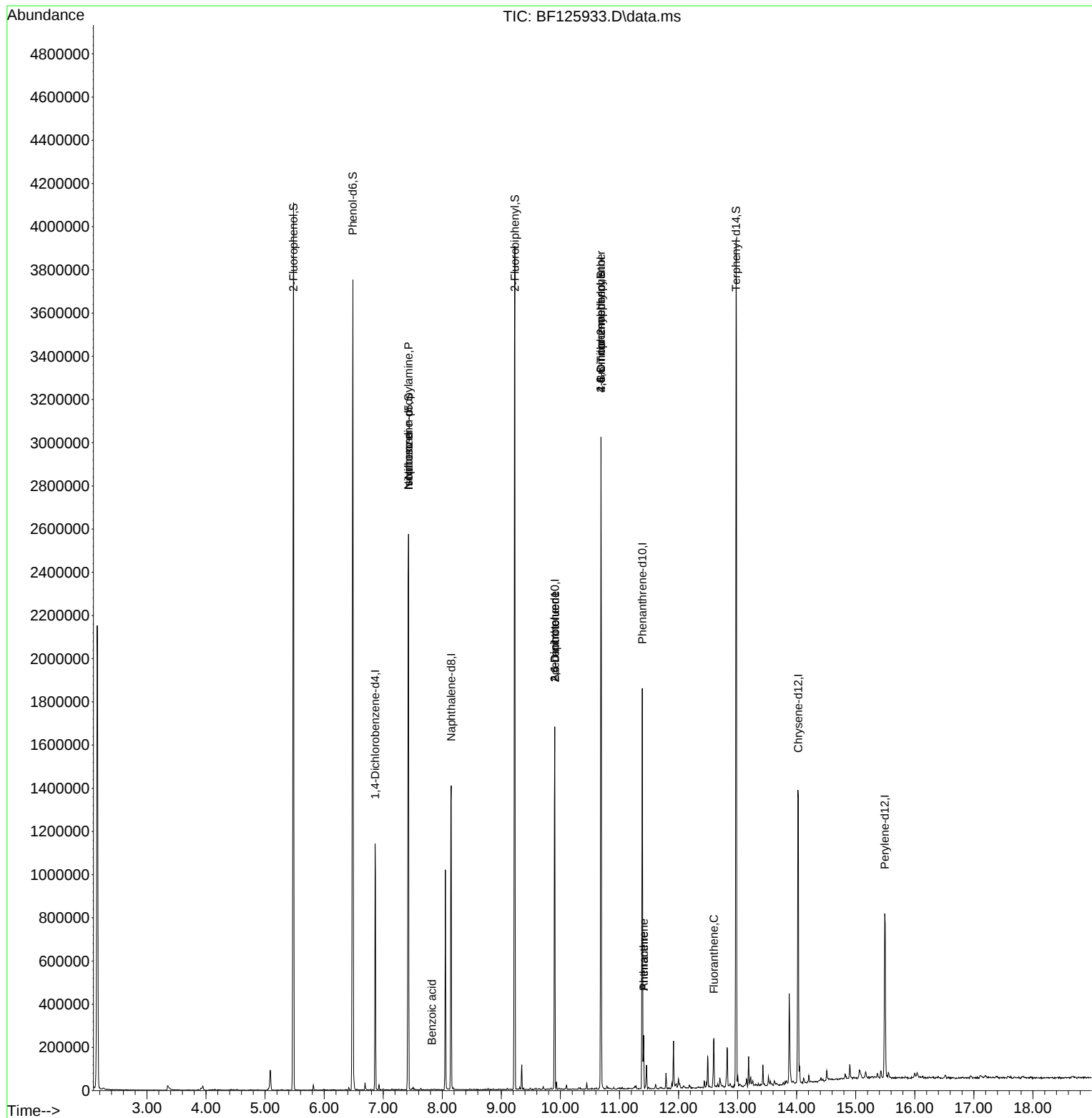
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	142890	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	581705	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	328263	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	619162	20.000	ng	0.00
76) Chrysene-d12	14.027	240	461183	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	336146	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	930238	96.971	ng	0.00
7) Phenol-d6	6.487	99	1160191	88.177	ng	0.00
23) Nitrobenzene-d5	7.428	82	769476	68.327	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	288750	100.905	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1160022	62.493	ng	0.00
79) Terphenyl-d14	12.974	244	1344804	47.698	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	103031	13.706	ng	# 66
25) Isophorone	7.428	82	764779	35.660	ng	# 59
32) Benzoic acid	7.822	122	425	4.234	ng	# 34
51) 2,6-Dinitrotoluene	9.904	165	41690	10.395	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	41690	8.463	ng	# 20
58) Fluorene	10.445	166	6800	Below Cal		98
65) 4,6-Dinitro-2-methylph...	10.686	198	657	6.276	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	19996	3.023	ng	# 1
71) Phenanthrene	11.410	178	82113	2.556	ng	97
72) Anthracene	11.410	178	82113	2.560	ng	99
75) Fluoranthene	12.598	202	89145	2.752	ng	99

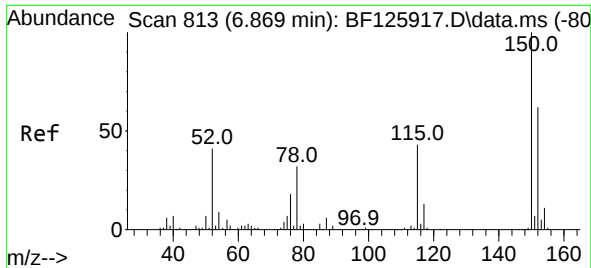
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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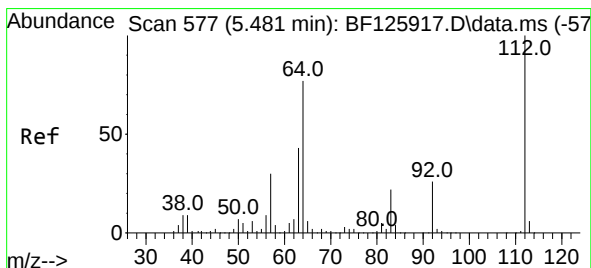
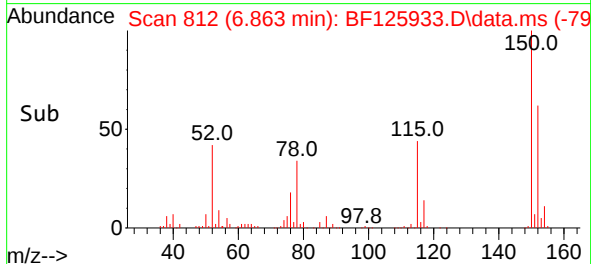
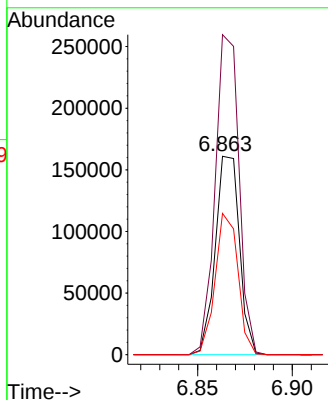
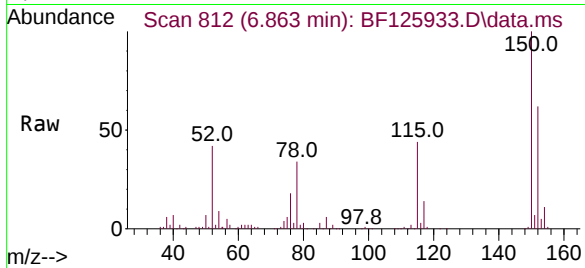




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

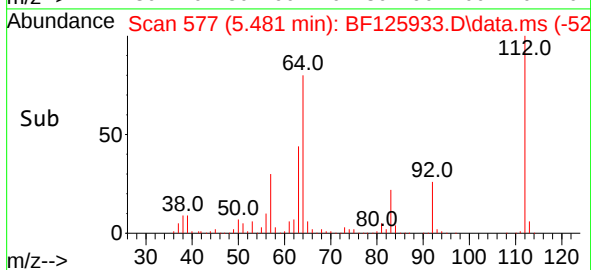
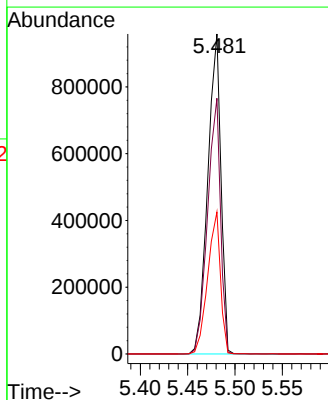
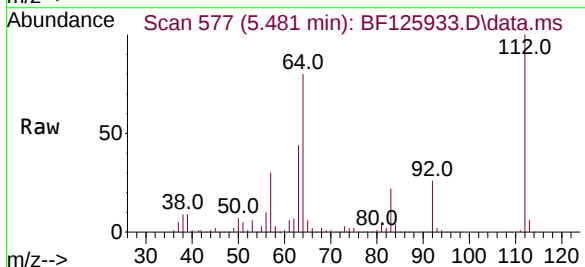
Instrument :
BNA_F
ClientSampleId :
COMP-1

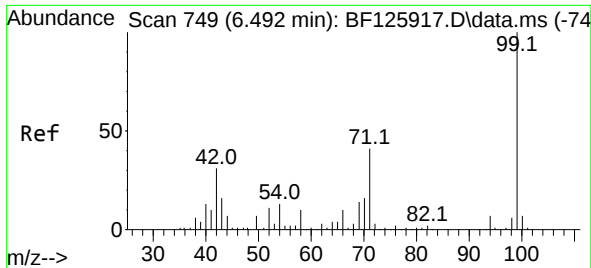
Tgt Ion:152 Resp: 142890
Ion Ratio Lower Upper
152 100
150 161.3 117.6 176.4
115 71.2 47.1 70.7#



#5
2-Fluorophenol
Concen: 96.971 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:112 Resp: 930238
Ion Ratio Lower Upper
112 100
64 79.9 44.2 66.2#
63 44.4 26.2 39.2#

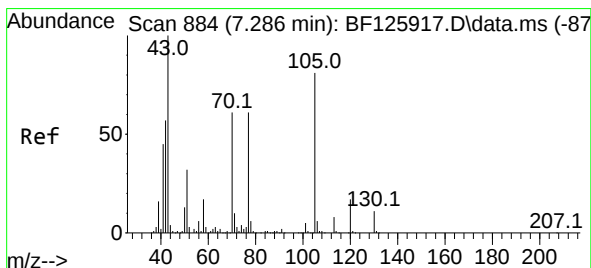
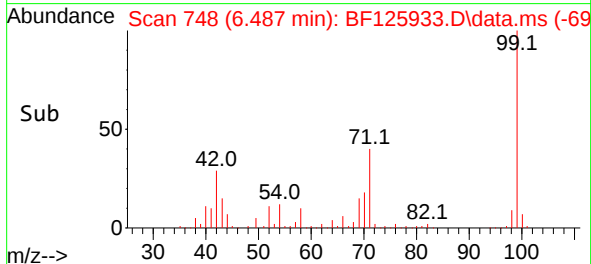
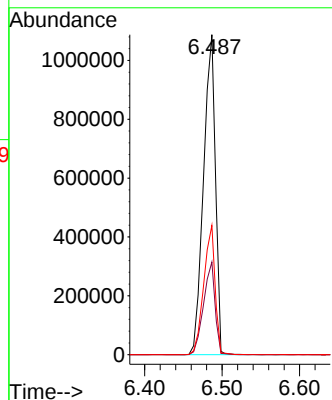
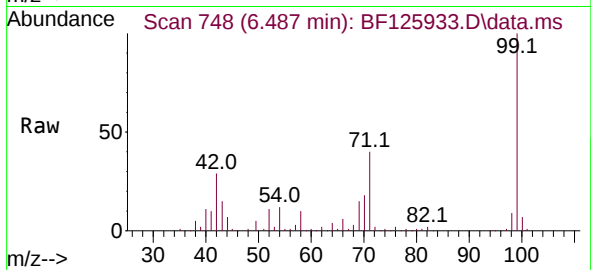




#7
Phenol-d6
Concen: 88.177 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

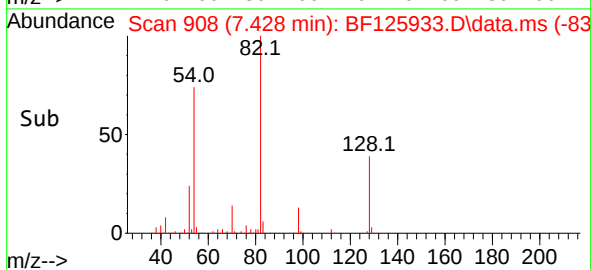
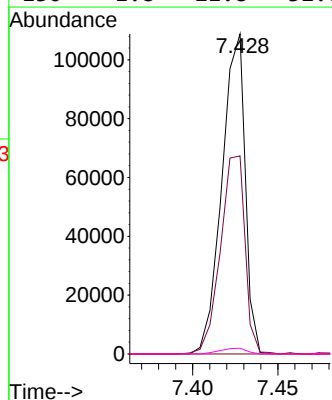
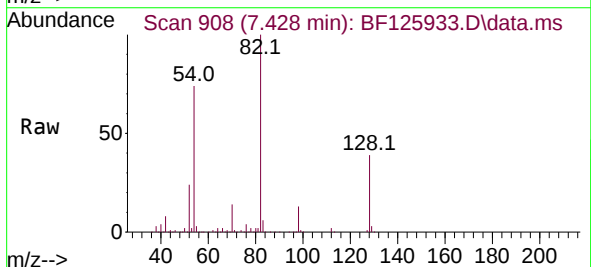
Instrument :
BNA_F
ClientSampleId :
COMP-1

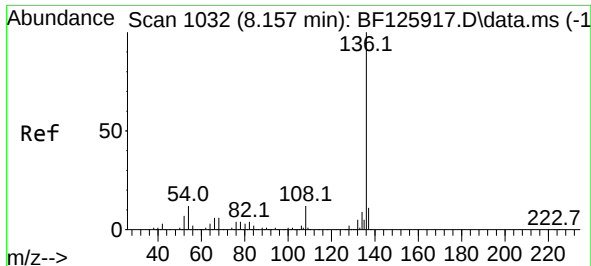
Tgt Ion: 99 Resp: 1160191
Ion Ratio Lower Upper
99 100
42 28.9 23.5 35.3
71 40.4 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.706 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion: 70 Resp: 103031
Ion Ratio Lower Upper
70 100
42 61.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

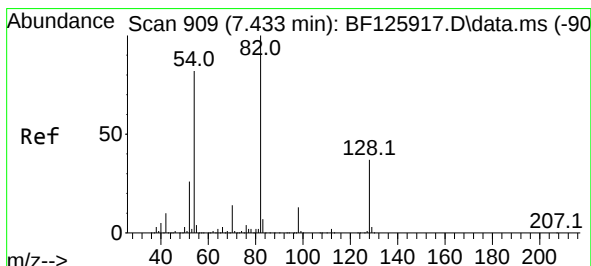
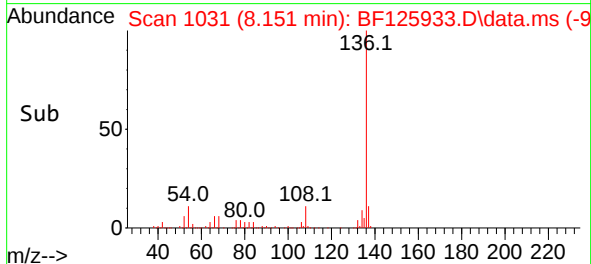
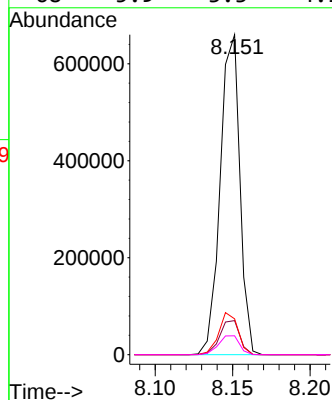
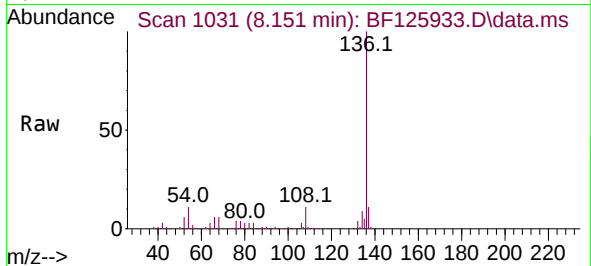




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

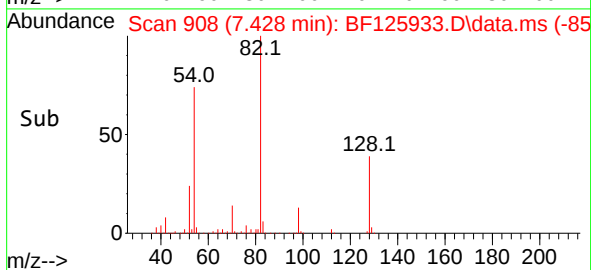
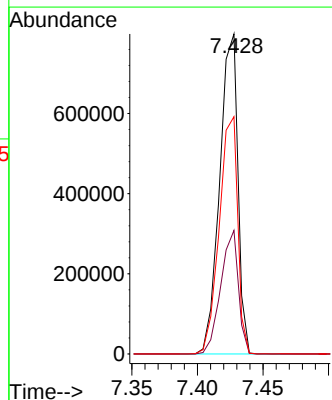
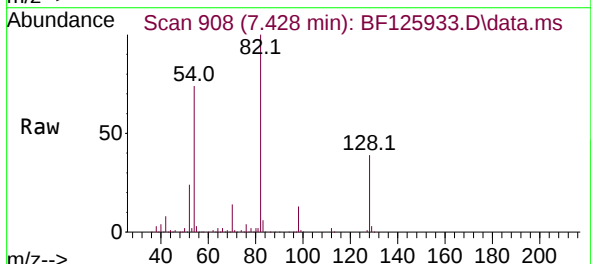
Instrument :
BNA_F
ClientSampled :
COMP-1

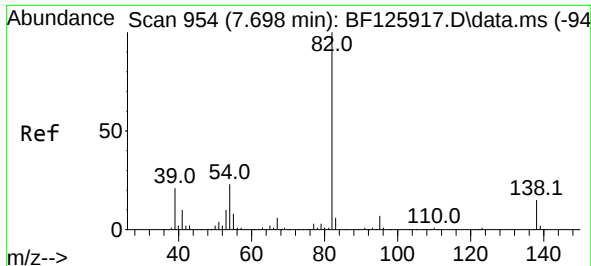
Tgt Ion:	136	Resp:	581705
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	11.2	6.4	9.6#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 68.327 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:	82	Resp:	769476
Ion Ratio	Lower	Upper	
82	100		
128	38.6	40.6	60.8#
54	74.1	49.6	74.4

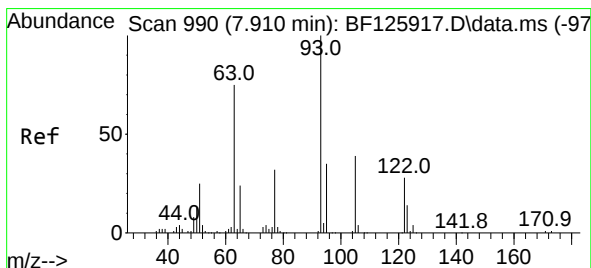
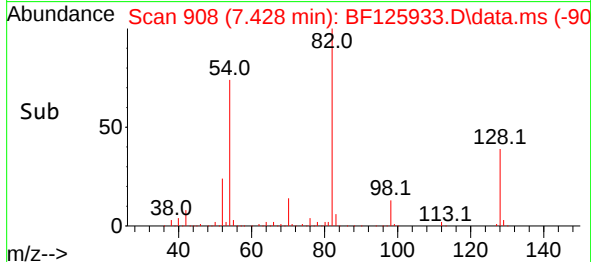
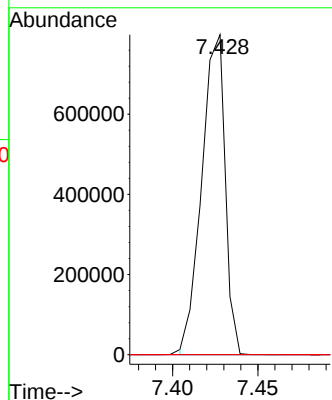
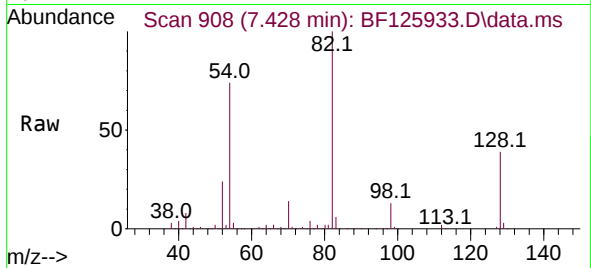




#25
Isophorone
Concen: 35.660 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.270 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

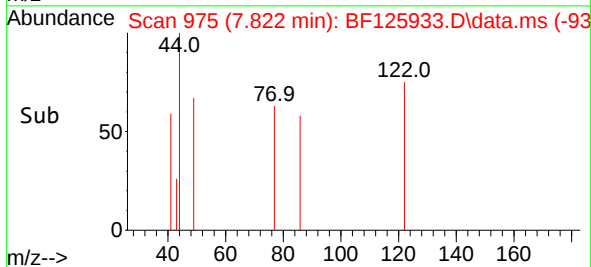
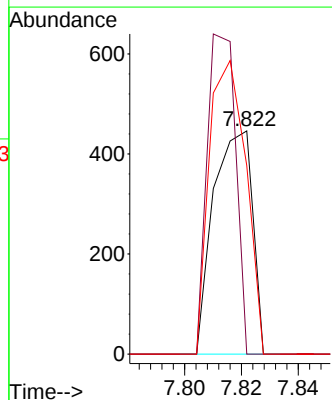
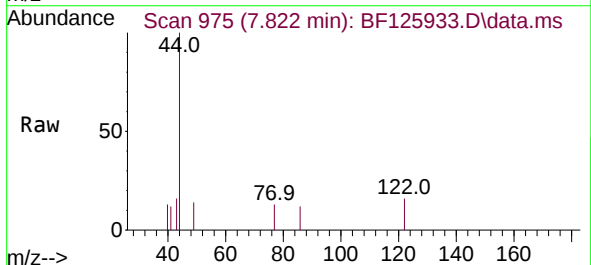
Instrument :
BNA_F
ClientSampleId :
COMP-1

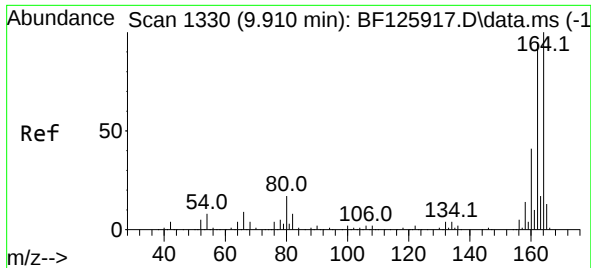
Tgt Ion: 82 Resp: 764779
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.234 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.088 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion: 122 Resp: 425
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 84.5 59.6 99.6

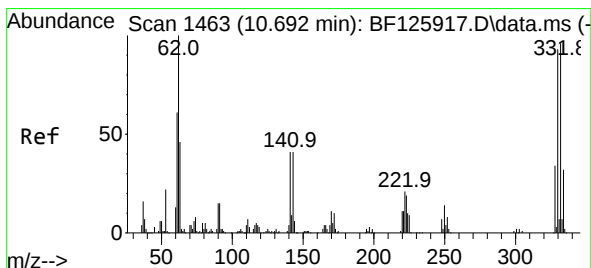
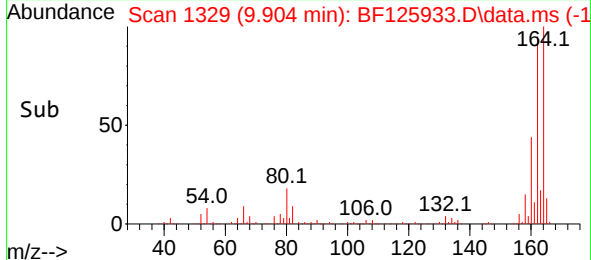
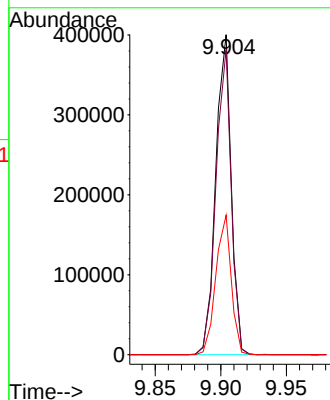
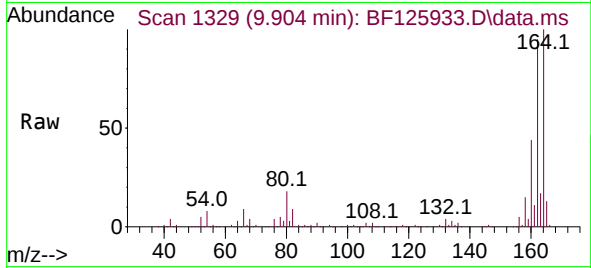




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

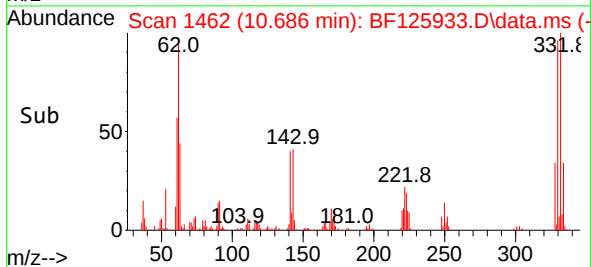
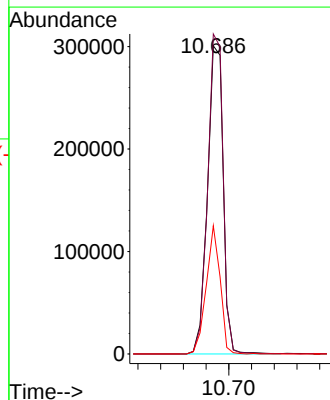
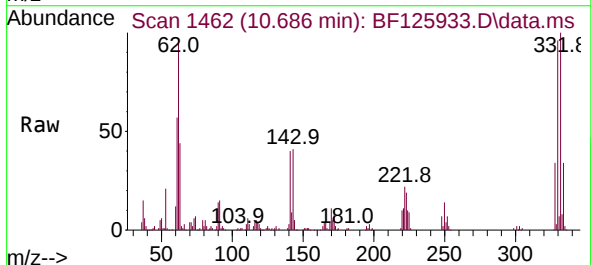
Instrument :
BNA_F
ClientSampleId :
COMP-1

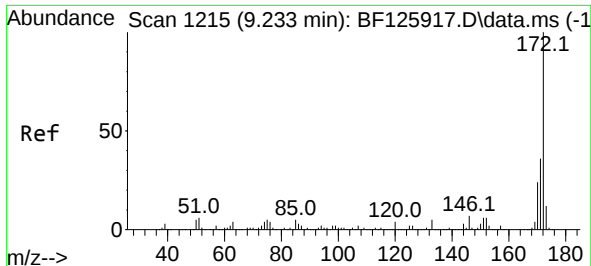
Tgt Ion:164 Resp: 328263
Ion Ratio Lower Upper
164 100
162 95.4 81.3 121.9
160 43.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 100.905 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:330 Resp: 288750
Ion Ratio Lower Upper
330 100
332 101.7 76.2 114.4
141 36.7 44.6 66.8#

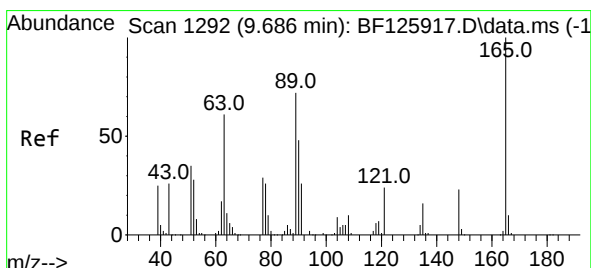
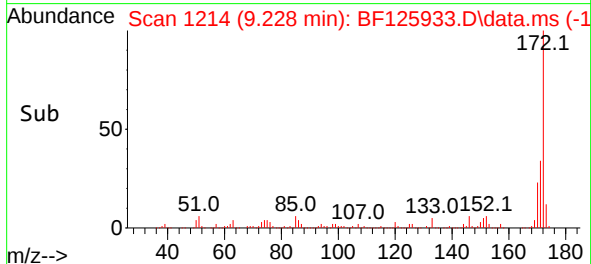
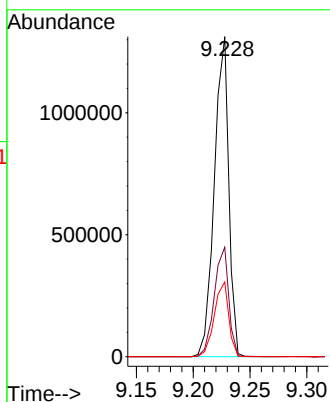
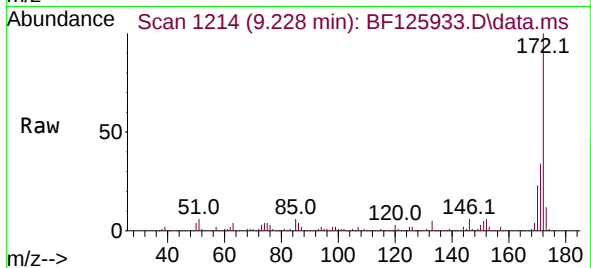




#45
2-Fluorobiphenyl
Concen: 62.493 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

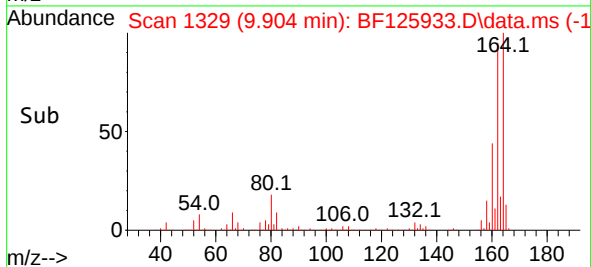
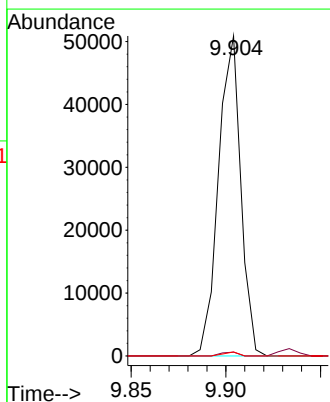
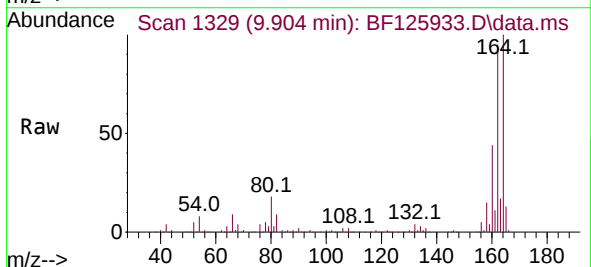
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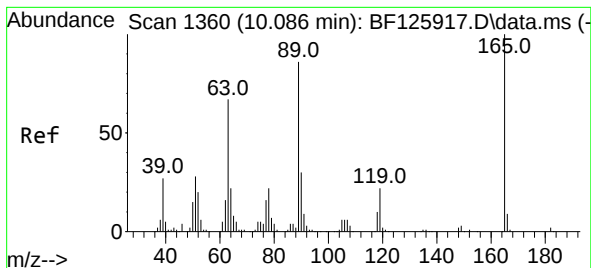
Tgt Ion:172 Resp: 1160022
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.4 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.395 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:165 Resp: 41690
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.3 40.6 60.8#

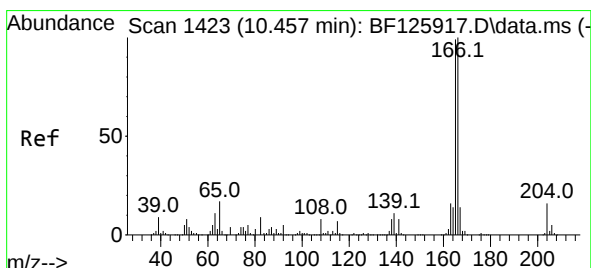
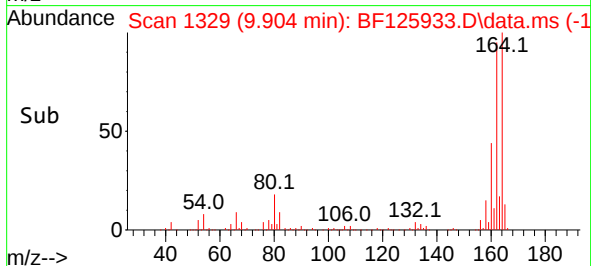
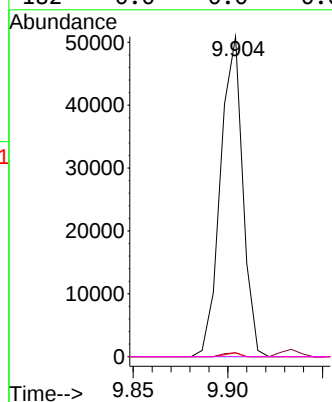
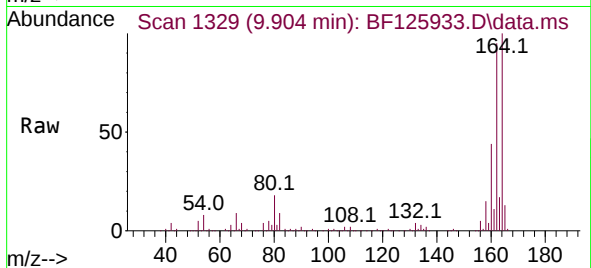




#57
2,4-Dinitrotoluene
Concen: 8.463 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

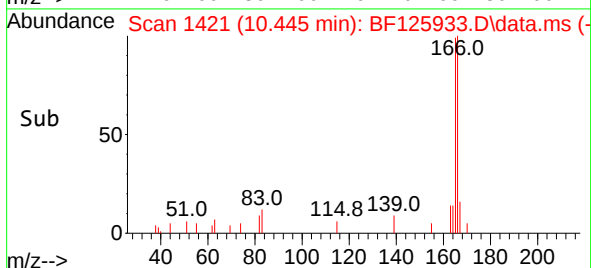
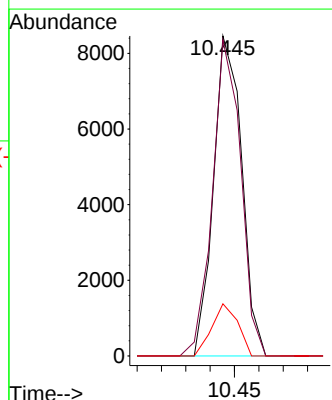
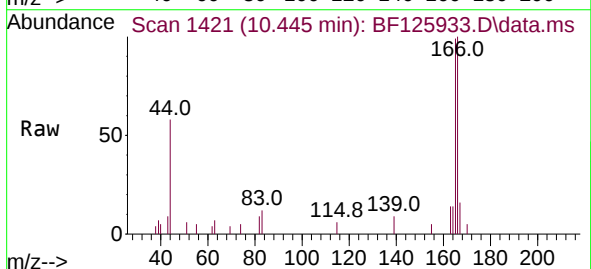
Instrument :
BNA_F
ClientSampled :
COMP-1

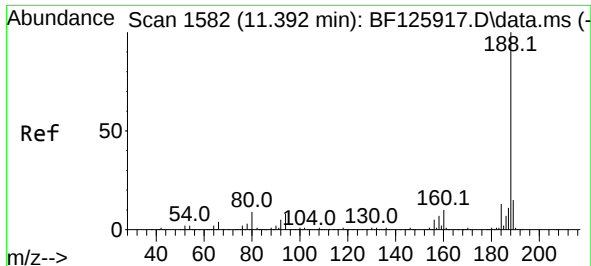
Tgt Ion:165 Resp: 41690
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:166 Resp: 6800
Ion Ratio Lower Upper
166 100
165 98.8 78.1 117.1
167 16.3 11.1 16.7

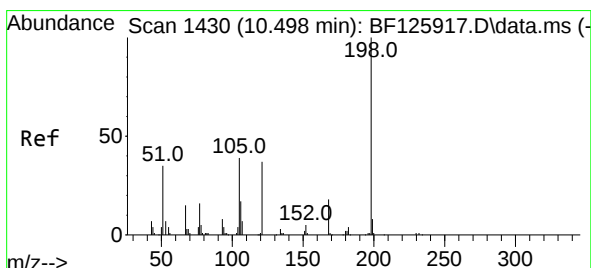
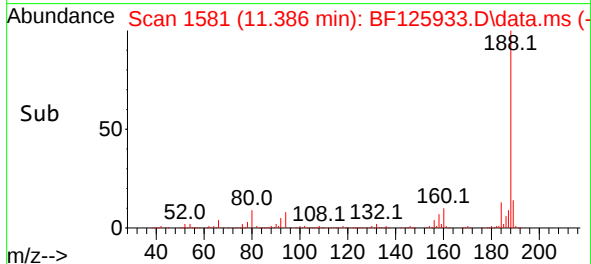
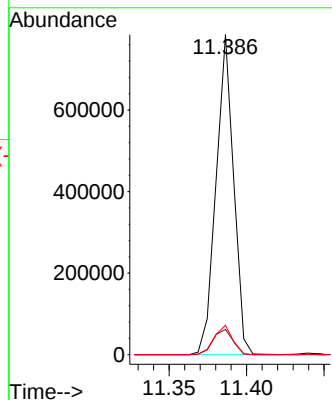
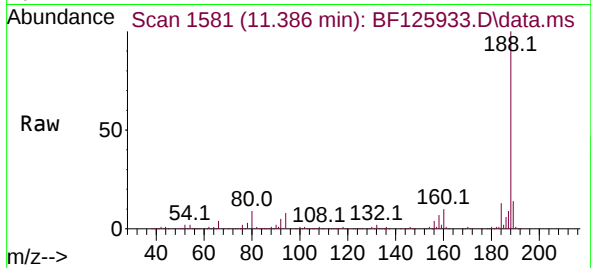




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

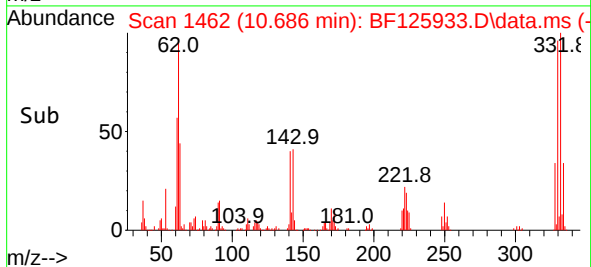
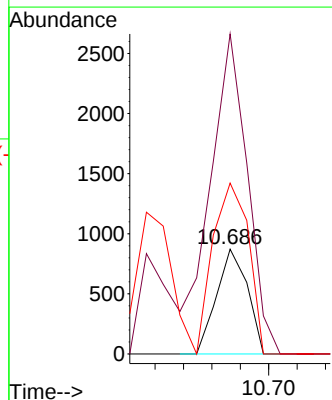
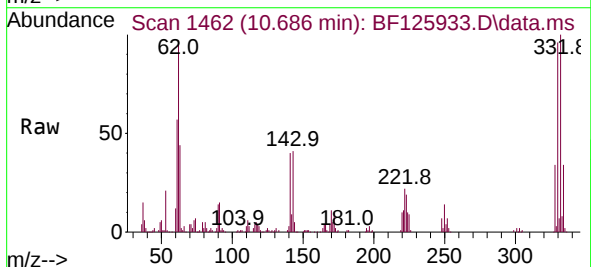
Instrument :
BNA_F
ClientSampleId :
COMP-1

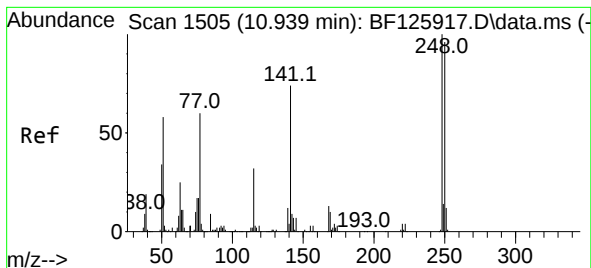
Tgt Ion:188 Resp: 619162
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.2 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.276 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:198 Resp: 657
Ion Ratio Lower Upper
198 100
51 305.3 45.3 85.3#
105 163.0 30.6 70.6#

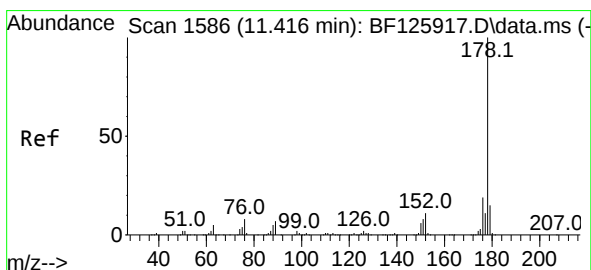
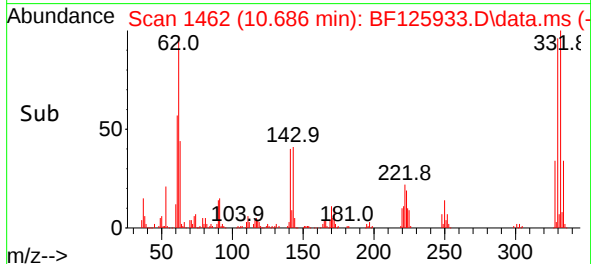
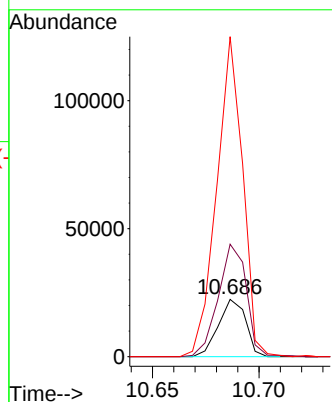
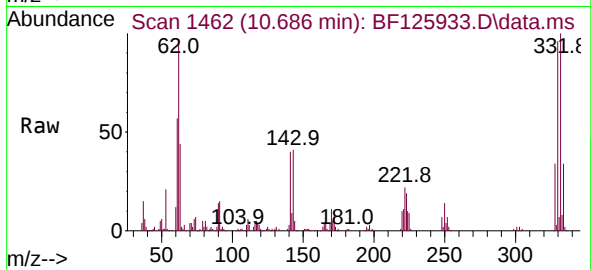




#67
4-Bromophenyl-phenylether
Concen: 3.023 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

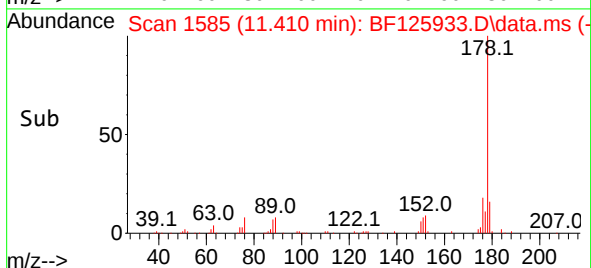
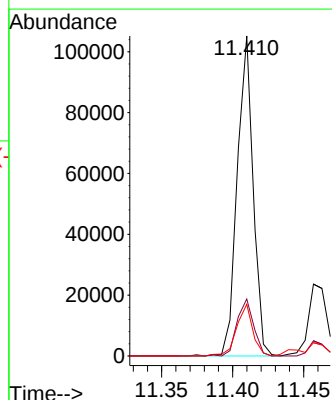
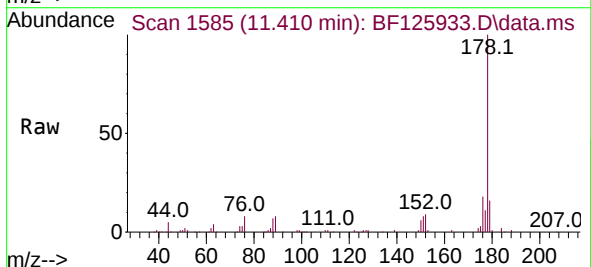
Instrument :
BNA_F
ClientSampled :
COMP-1

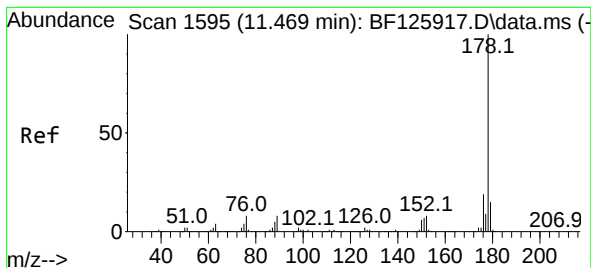
Tgt Ion:248 Resp: 19996
Ion Ratio Lower Upper
248 100
250 196.2 74.2 111.4#
141 557.9 60.4 90.6#



#71
Phenanthrene
Concen: 2.556 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:178 Resp: 82113
Ion Ratio Lower Upper
178 100
176 17.8 14.7 22.1
179 16.1 11.5 17.3





#72

Anthracene

Concen: 2.560 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.059 min

Lab File: BF125933.D

Acq: 26 Oct 2021 14:18

Instrument :

BNA_F

ClientSampleId :

COMP-1

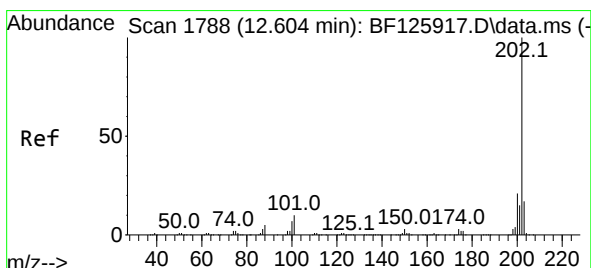
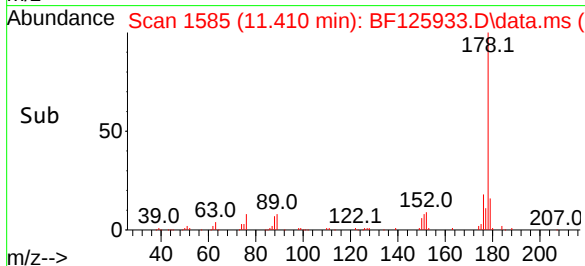
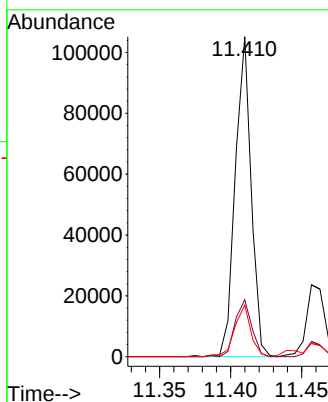
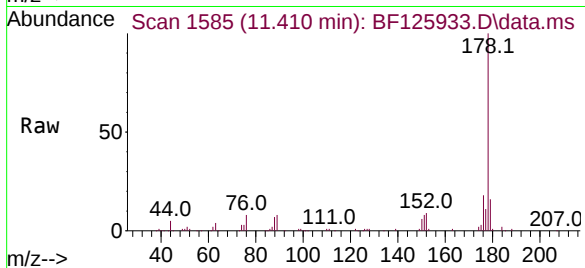
Tgt Ion:178 Resp: 82113

Ion Ratio Lower Upper

178 100

176 17.8 14.3 21.5

179 16.1 12.2 18.4



#75

Fluoranthene

Concen: 2.752 ng

RT: 12.598 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BF125933.D

Acq: 26 Oct 2021 14:18

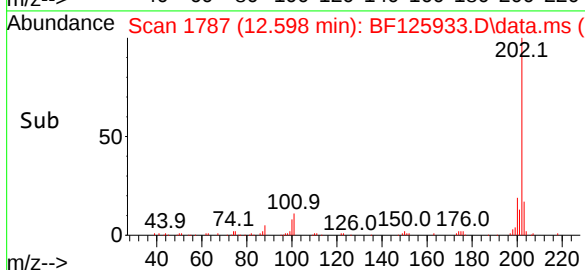
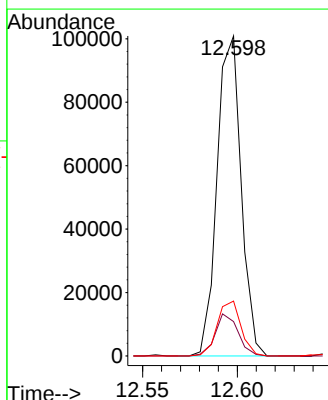
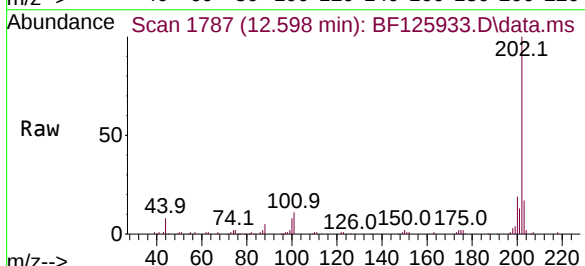
Tgt Ion:202 Resp: 89145

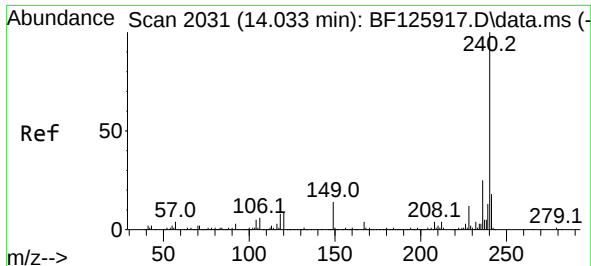
Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.7

203 17.2 0.0 36.3

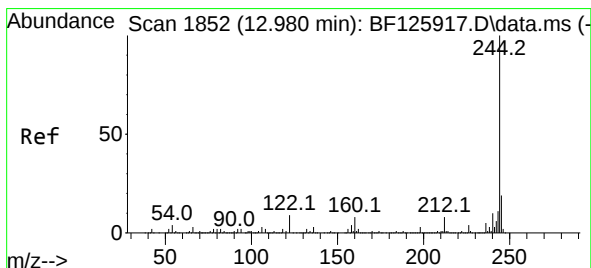
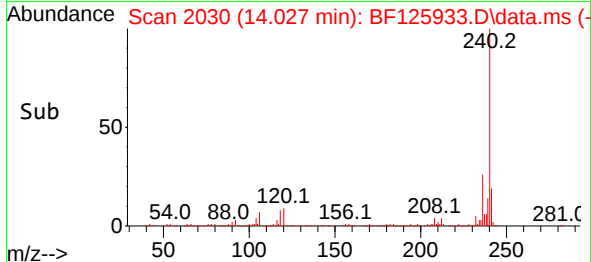
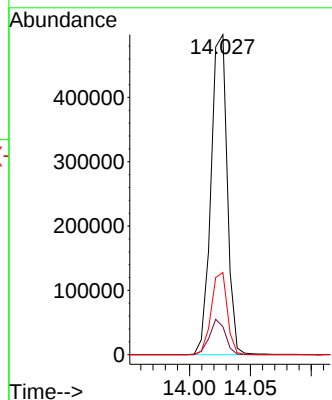
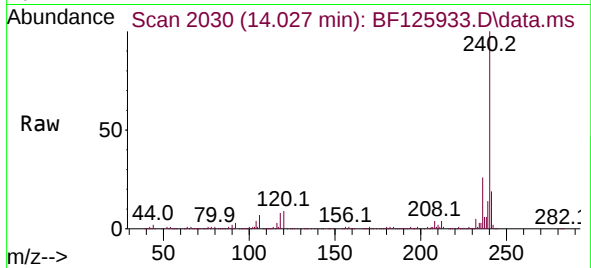




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

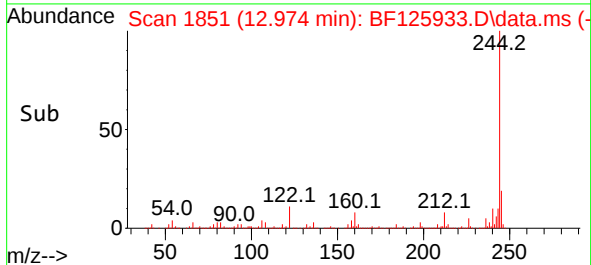
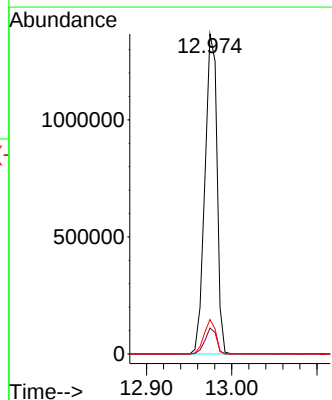
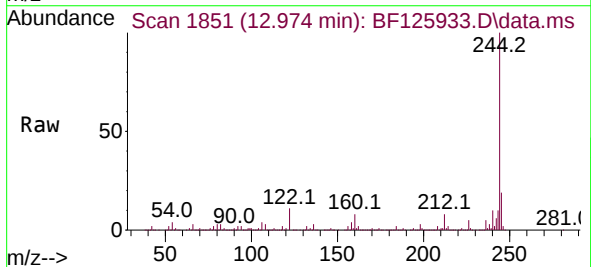
Instrument :
BNA_F
ClientSampleId :
COMP-1

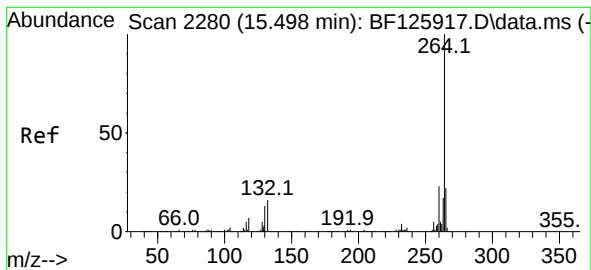
Tgt Ion:240 Resp: 461183
Ion Ratio Lower Upper
240 100
120 8.8 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 47.698 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:244 Resp: 1344804
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 10.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF125933.D
 Acq: 26 Oct 2021 14:18

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:264 Resp: 336146
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 22.3 17.2 25.8

