

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125928.D
 Acq On : 26 Oct 2021 11:37
 Operator : JU/CG
 Sample : M4313-07RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-3-TOTES

Quant Time: Oct 26 14:41:22 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)

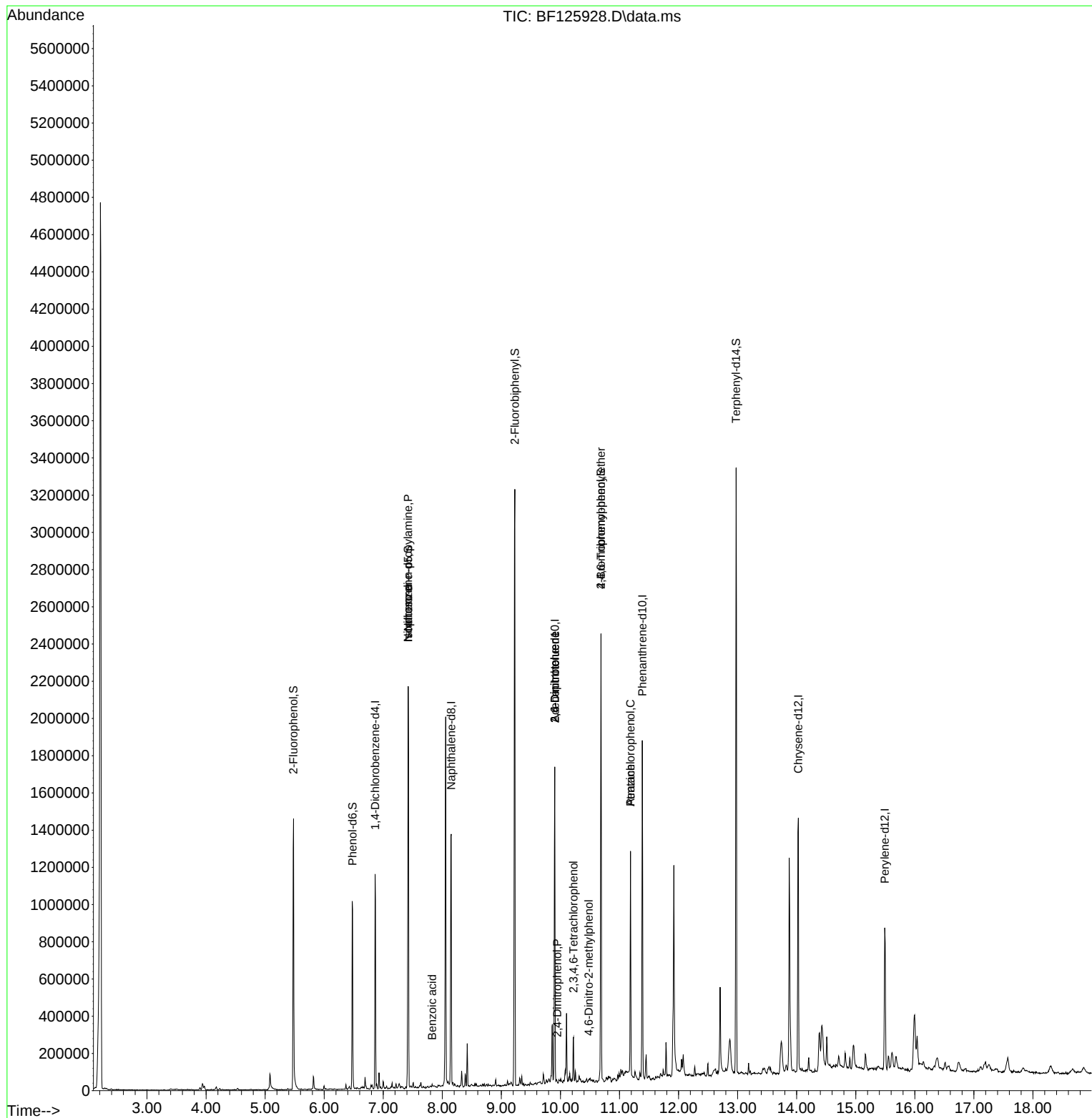
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	147039	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	598019	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	338441	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	617224	20.000	ng	0.00
76) Chrysene-d12	14.027	240	460539	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	337275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	358242	36.290	ng	0.00
7) Phenol-d6	6.481	99	280332	20.705	ng	-0.01
23) Nitrobenzene-d5	7.422	82	636753	54.999	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	217386	73.682	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1003513	52.436	ng	0.00
79) Terphenyl-d14	12.974	244	1068602	37.954	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	86024	11.120	ng	# 70
25) Isophorone	7.422	82	628723	28.516	ng	# 59
32) Benzoic acid	7.828	122	1981	4.458	ng	86
51) 2,6-Dinitrotoluene	9.904	165	42539	10.287	ng	# 29
54) 2,4-Dinitrophenol	9.945	184	474	7.371	ng	# 57
57) 2,4-Dinitrotoluene	9.904	165	42539	8.375	ng	# 20
58) Fluorene	10.445	166	3149	Below Cal		# 91
59) 2,3,4,6-Tetrachlorophenol	10.222	232	28277	5.160	ng	# 88
65) 4,6-Dinitro-2-methylph...	10.480	198	121	6.104	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	15315	2.323	ng	# 1
69) Atrazine	11.186	200	21820	3.727	ng	# 39
70) Pentachlorophenol	11.186	266	106872	27.233	ng	96

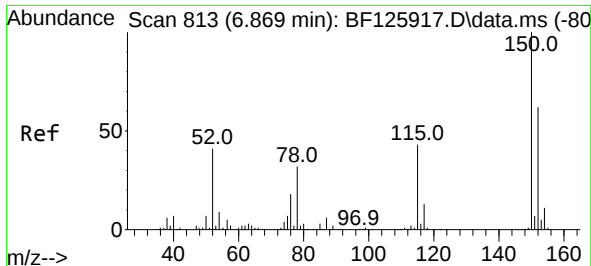
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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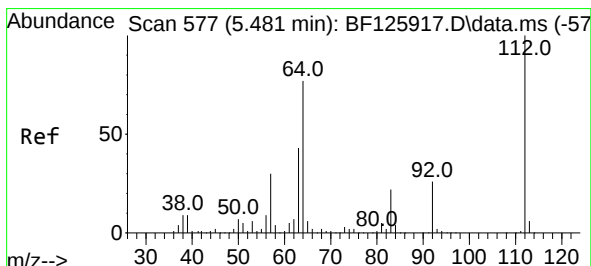
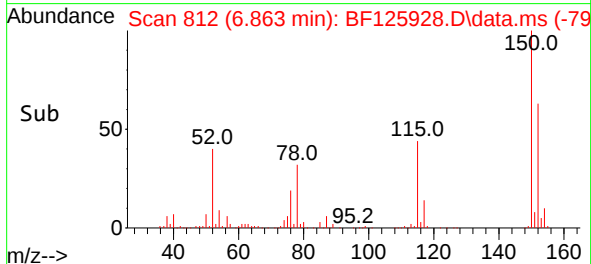
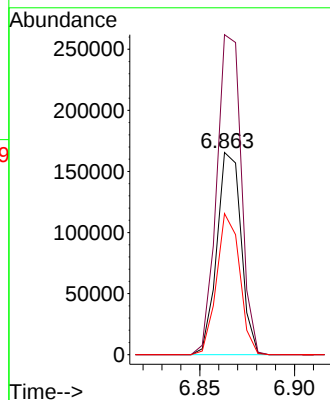
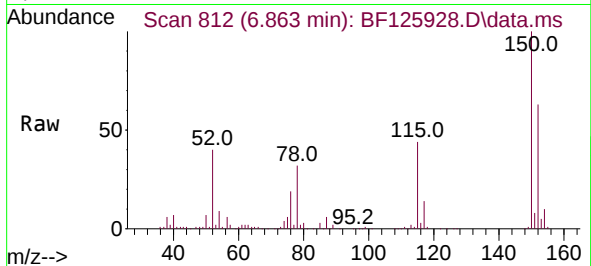




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

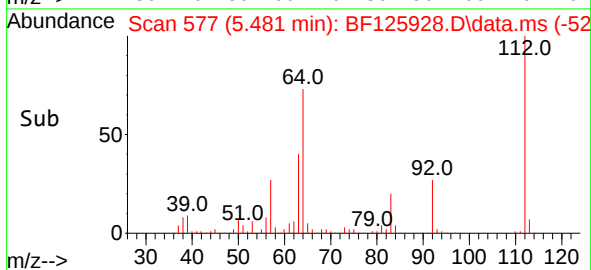
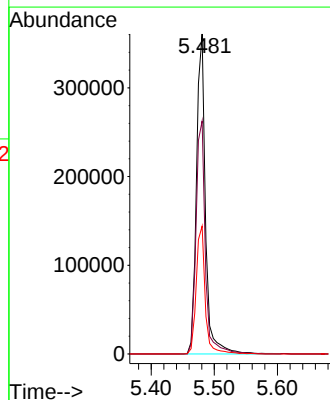
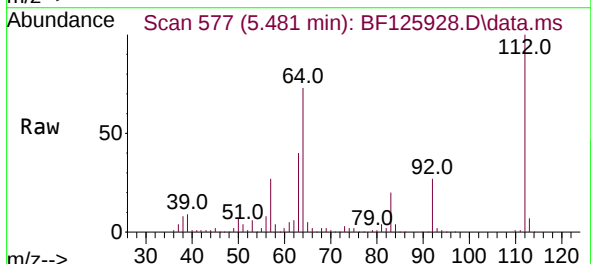
Instrument :
BNA_F
ClientSampleId :
1-3-TOTES

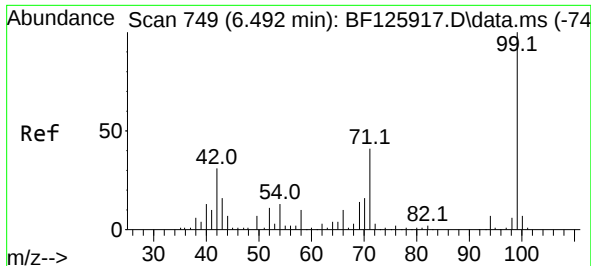
Tgt Ion:152 Resp: 147039
Ion Ratio Lower Upper
152 100
150 158.3 117.6 176.4
115 69.8 47.1 70.7



#5
2-Fluorophenol
Concen: 36.290 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

Tgt Ion:112 Resp: 358242
Ion Ratio Lower Upper
112 100
64 72.8 44.2 66.2#
63 40.0 26.2 39.2#

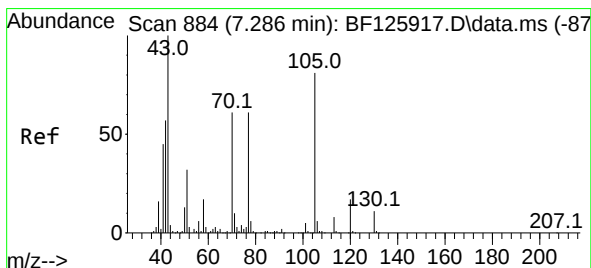
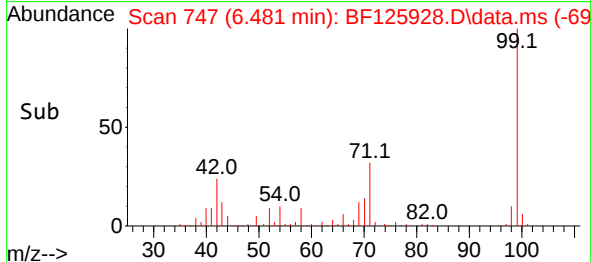
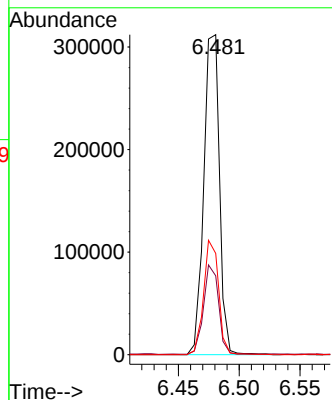
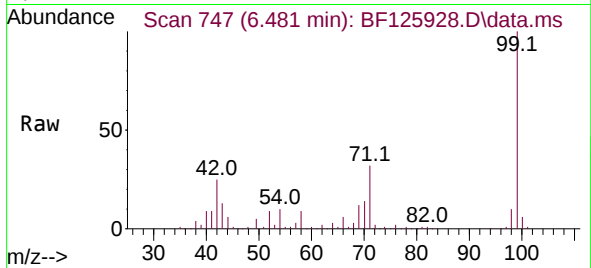




#7
Phenol-d6
Concen: 20.705 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

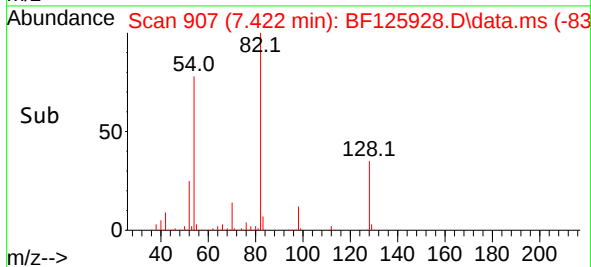
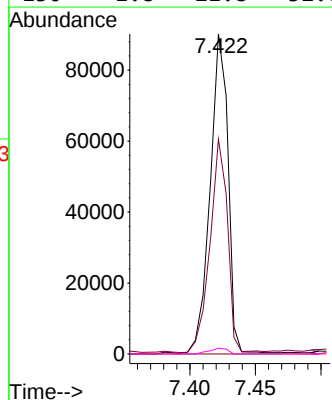
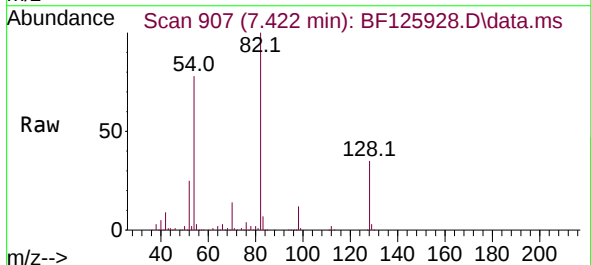
Instrument :
BNA_F
ClientSampleId :
1-3-TOTES

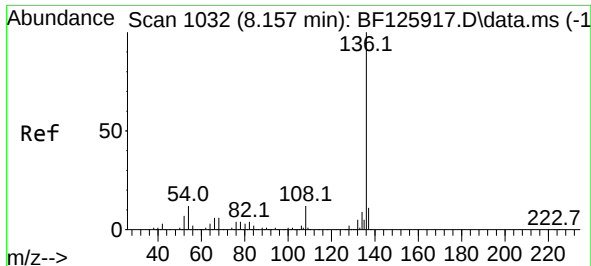
Tgt Ion: 99 Resp: 280332
Ion Ratio Lower Upper
99 100
42 24.7 23.5 35.3
71 31.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.120 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

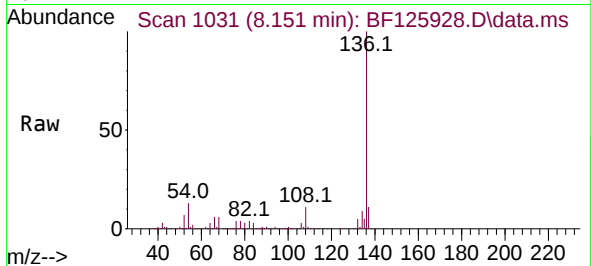
Tgt Ion: 70 Resp: 86024
Ion Ratio Lower Upper
70 100
42 67.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



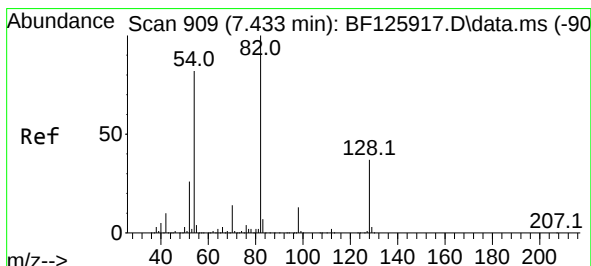
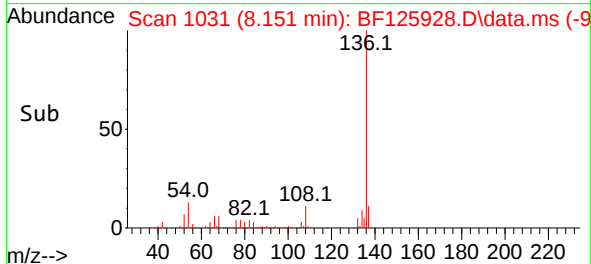
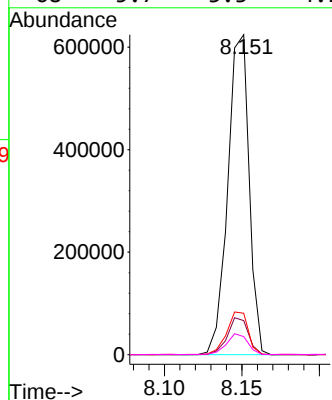


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

Instrument :
BNA_F
ClientSampleId :
1-3-TOTES

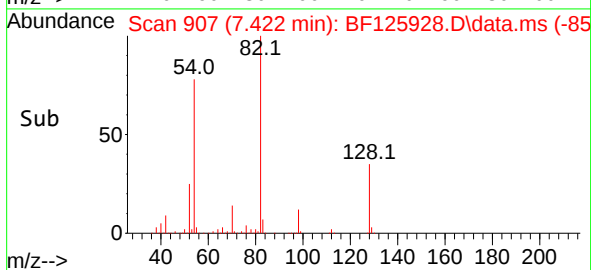
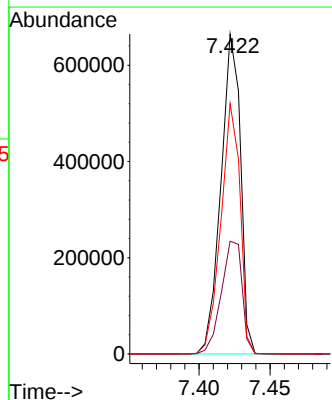
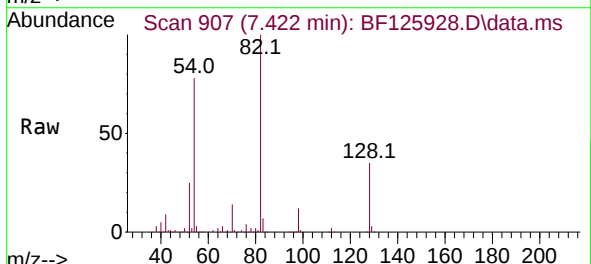


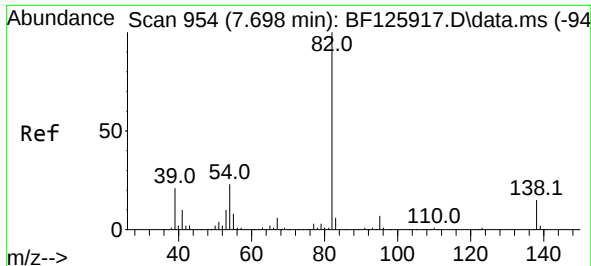
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	13.0	6.4	9.6#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 54.999 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	40.6	60.8#
54	78.3	49.6	74.4#

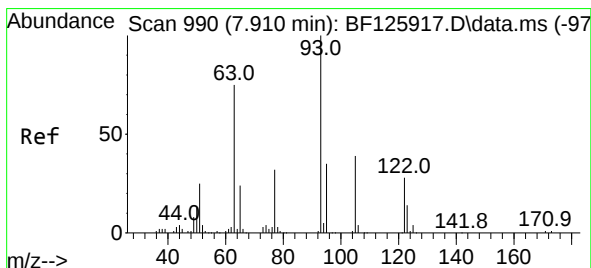
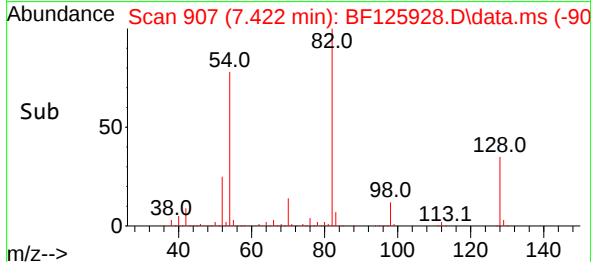
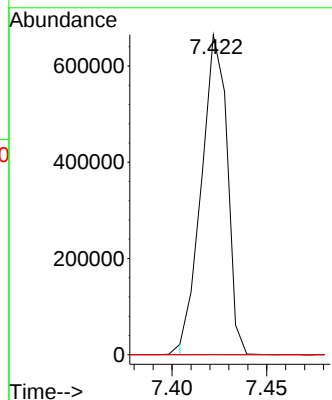
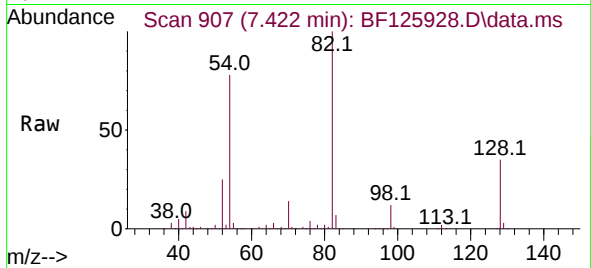




#25
Isophorone
Concen: 28.516 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.276 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

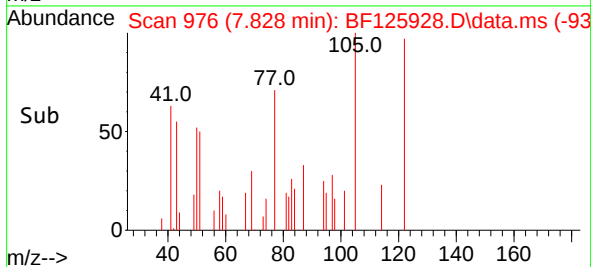
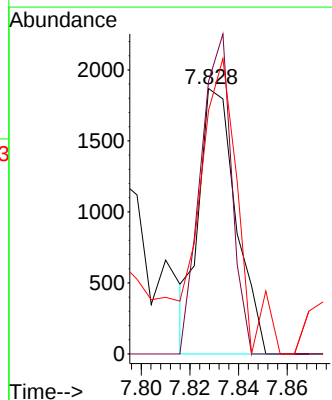
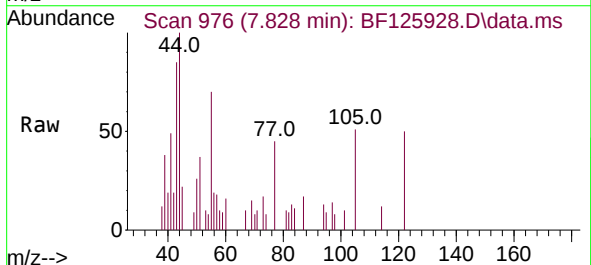
Instrument :
BNA_F
ClientSampleId :
1-3-TOTES

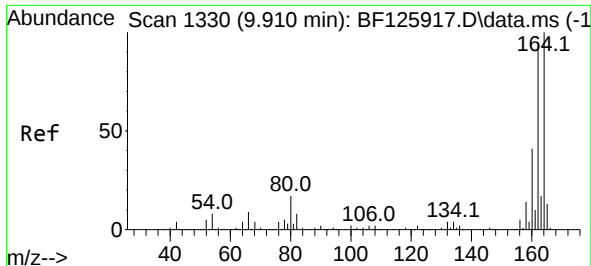
Tgt Ion: 82 Resp: 628723
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.458 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.082 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

Tgt Ion: 122 Resp: 1981
Ion Ratio Lower Upper
122 100
105 102.6 97.6 137.6
77 91.7 59.6 99.6

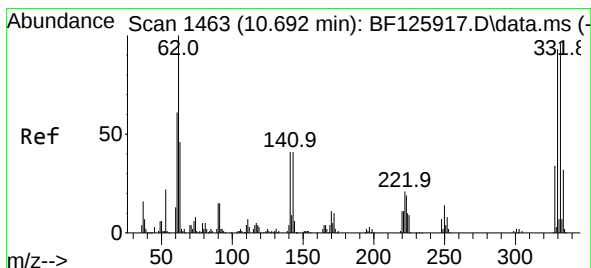
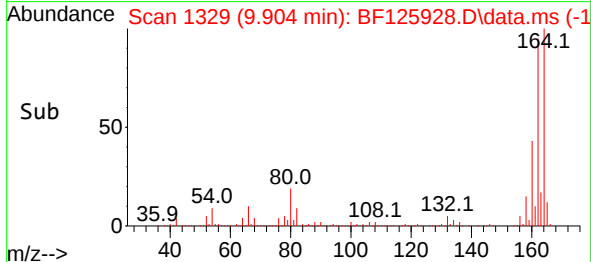
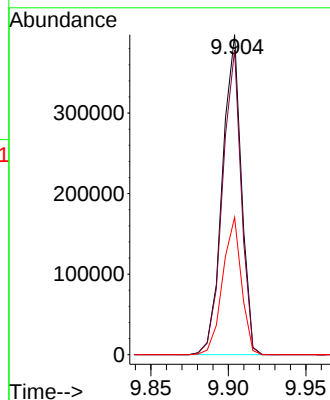
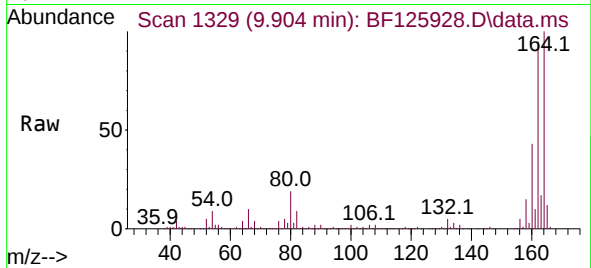




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

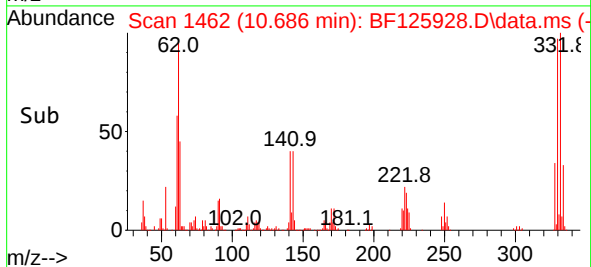
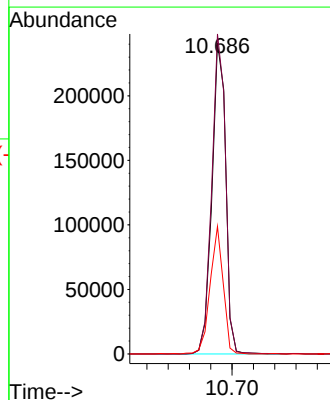
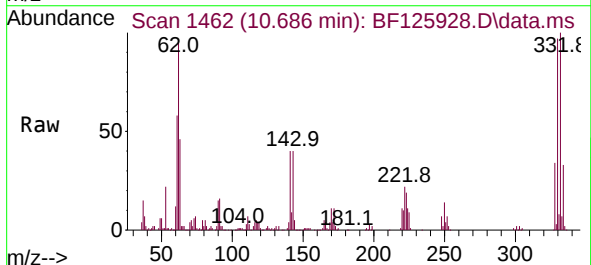
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BNA_F
ClientSampleId :
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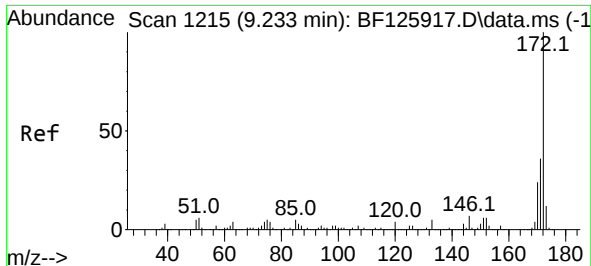
Tgt Ion:164 Resp: 338441
Ion Ratio Lower Upper
164 100
162 95.3 81.3 121.9
160 42.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 73.682 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

Tgt Ion:330 Resp: 217386
Ion Ratio Lower Upper
330 100
332 102.7 76.2 114.4
141 38.9 44.6 66.8#

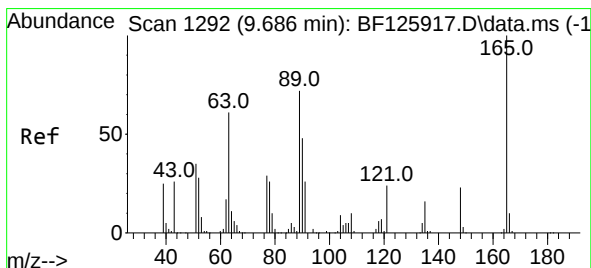
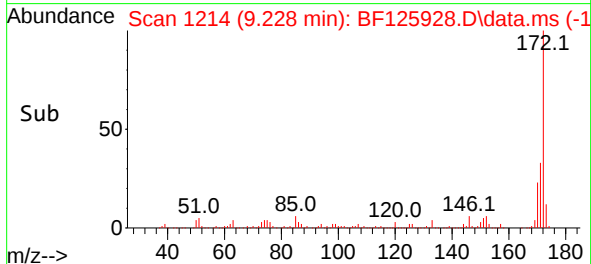
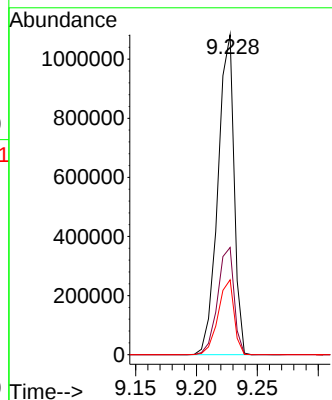
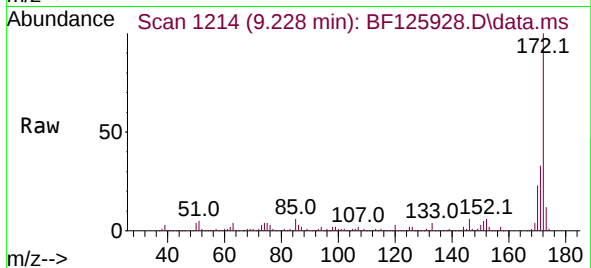




#45
2-Fluorobiphenyl
Concen: 52.436 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

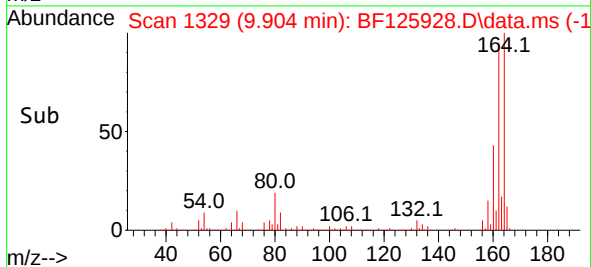
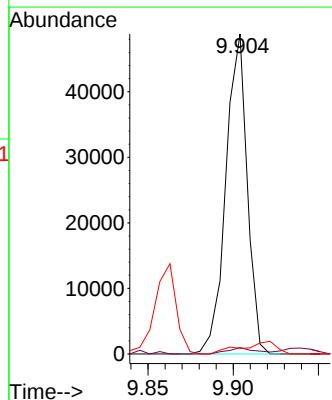
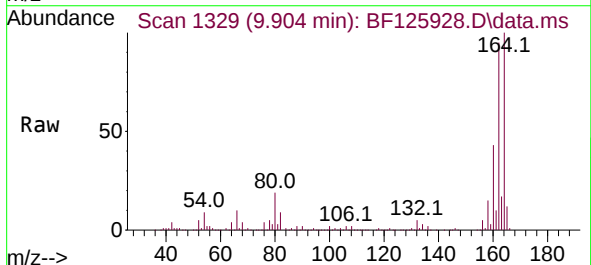
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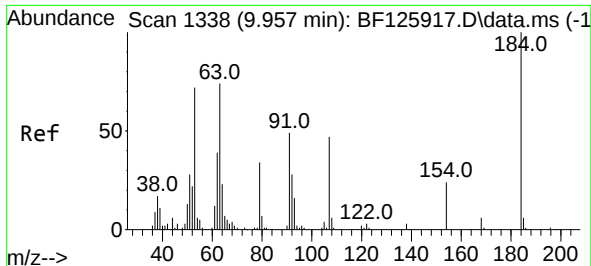
Tgt Ion:172 Resp: 1003513
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 23.4 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.287 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

Tgt Ion:165 Resp: 42539
Ion Ratio Lower Upper
165 100
63 2.0 42.6 63.8#
89 1.7 40.6 60.8#

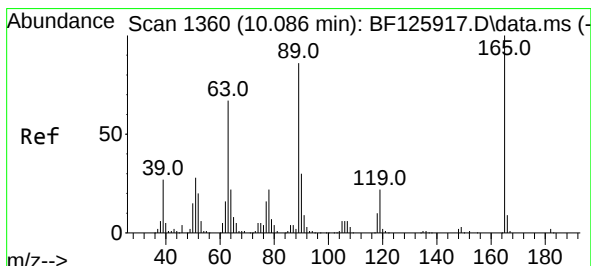
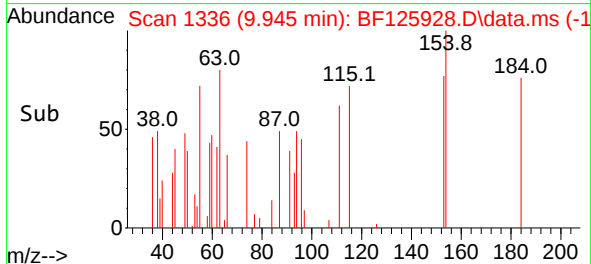
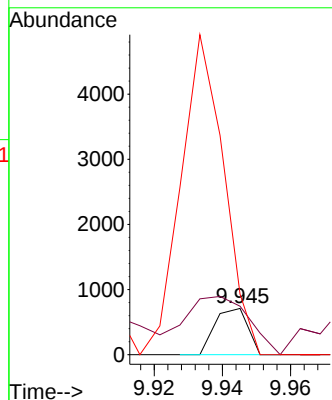
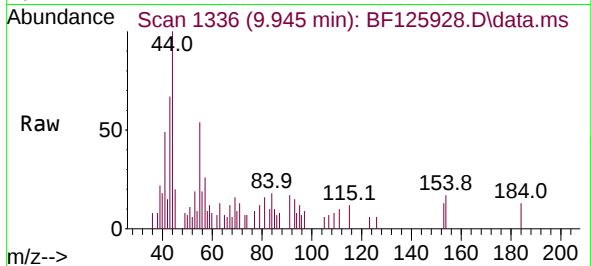




#54
2,4-Dinitrophenol
Concen: 7.371 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

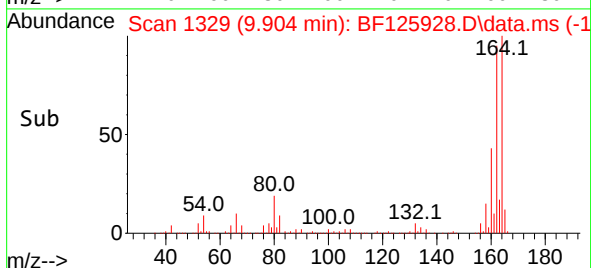
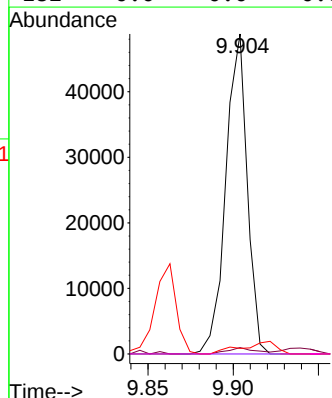
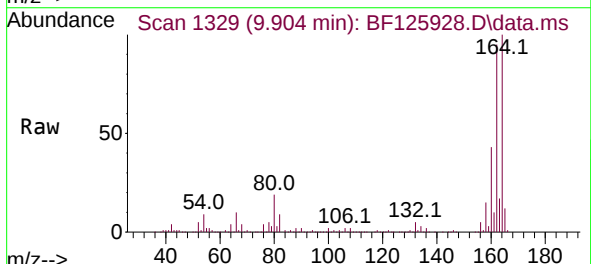
Instrument :
BNA_F
ClientSampled :
1-3-TOTES

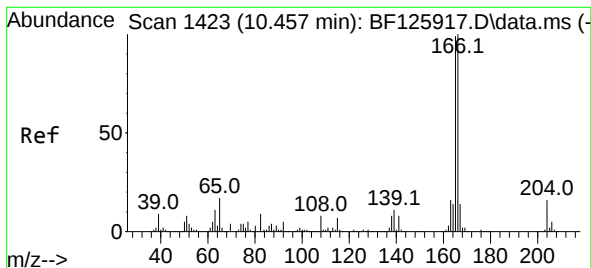
Tgt Ion:184 Resp: 474
Ion Ratio Lower Upper
184 100
63 104.6 59.3 88.9#
154 130.8 68.6 102.8#



#57
2,4-Dinitrotoluene
Concen: 8.375 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

Tgt Ion:165 Resp: 42539
Ion Ratio Lower Upper
165 100
63 2.0 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0

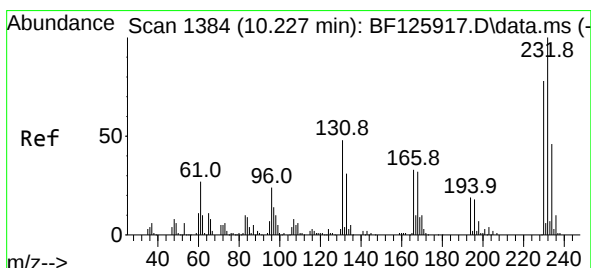
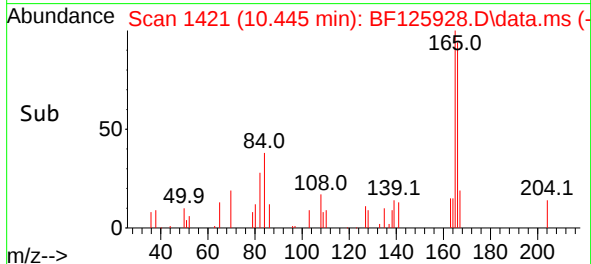
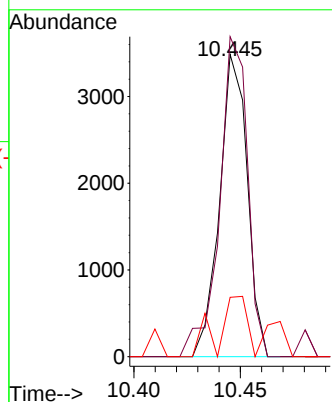
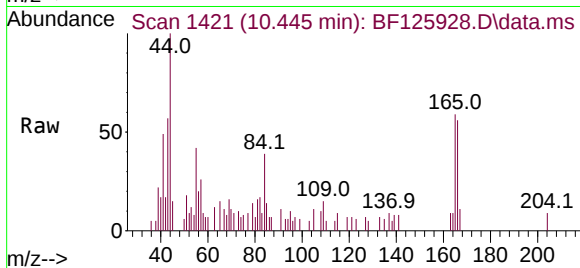




#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

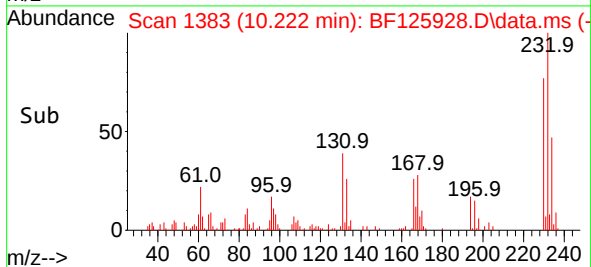
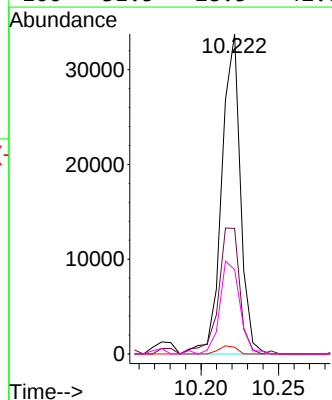
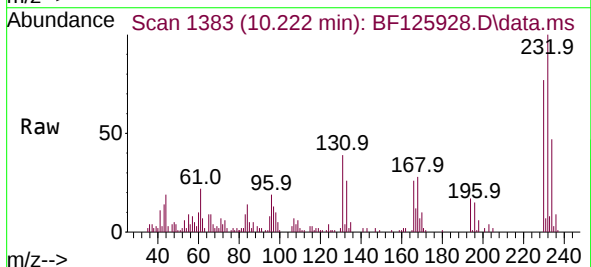
Instrument :
BNA_F
ClientSampleId :
1-3-TOTES

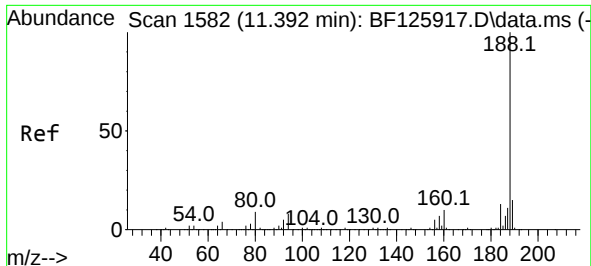
Tgt Ion:166 Resp: 3149
Ion Ratio Lower Upper
166 100
165 105.9 78.1 117.1
167 19.7 11.1 16.7#



#59
2,3,4,6-Tetrachlorophenol
Concen: 5.160 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

Tgt Ion:232 Resp: 28277
Ion Ratio Lower Upper
232 100
131 45.3 45.4 68.0#
130 2.4 0.0 0.0#
166 31.5 28.5 42.7

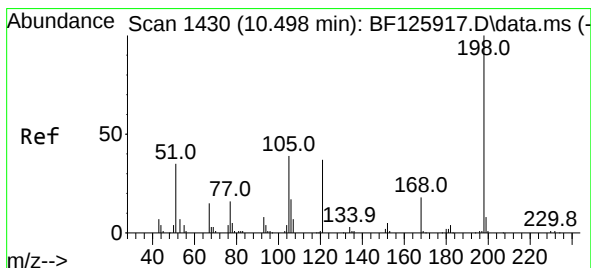
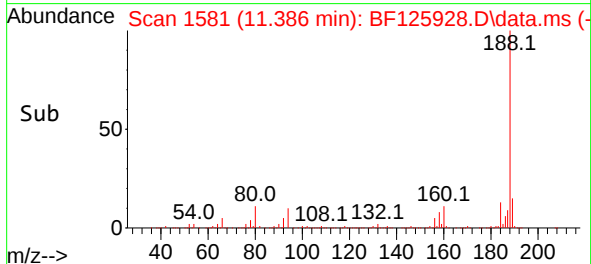
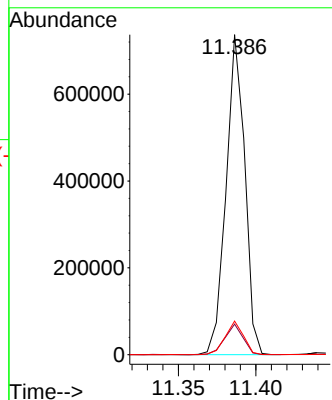
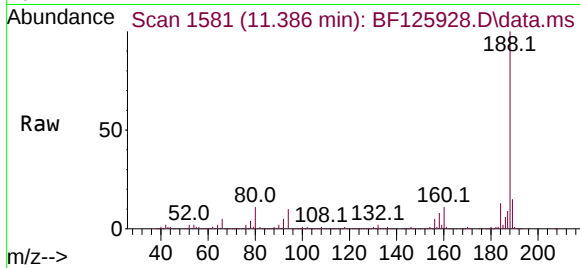




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

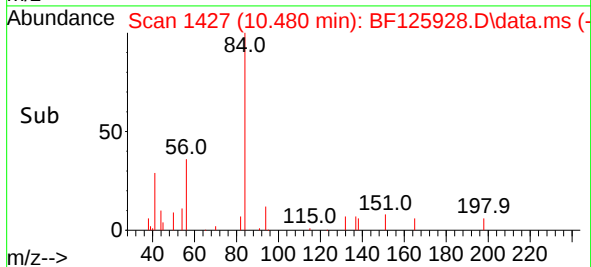
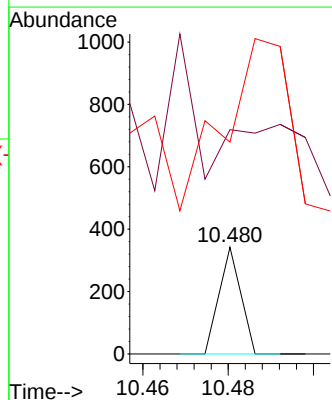
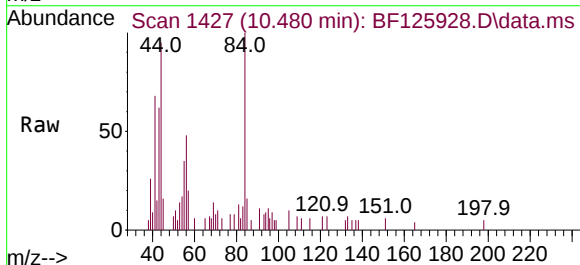
Instrument :
BNA_F
ClientSampleId :
1-3-TOTES

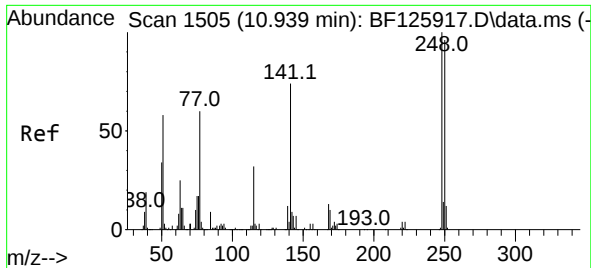
Tgt Ion:188 Resp: 617224
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 10.5 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.104 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.018 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

Tgt Ion:198 Resp: 121
Ion Ratio Lower Upper
198 100
51 210.2 45.3 85.3#
105 198.5 30.6 70.6#

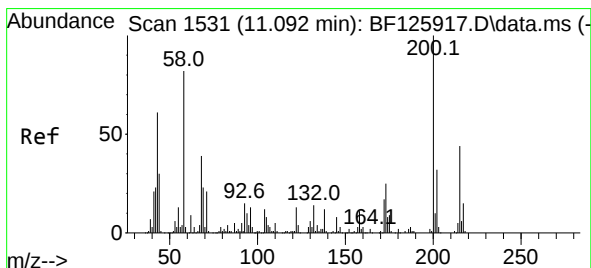
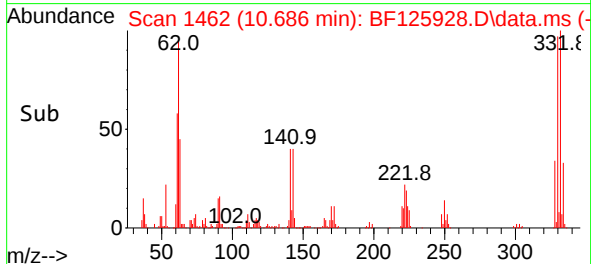
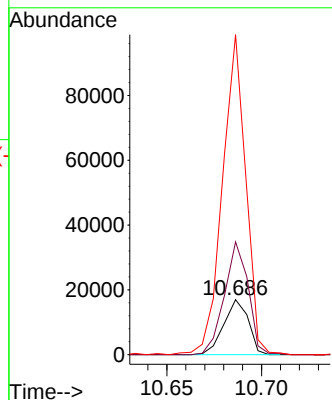
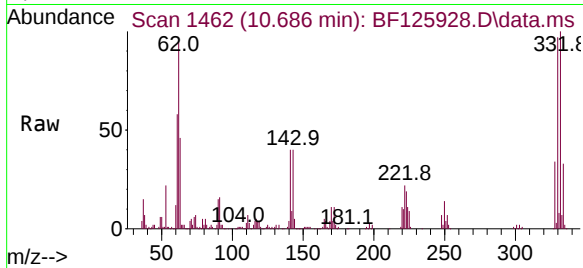




#67
4-Bromophenyl-phenylether
Concen: 2.323 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

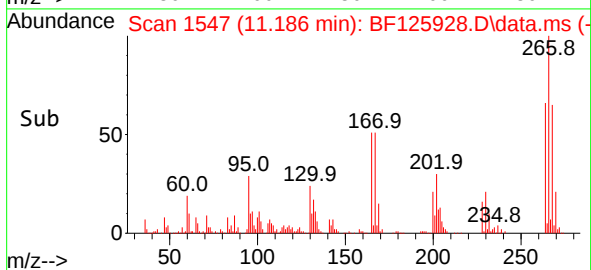
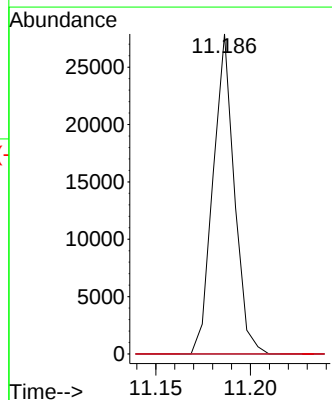
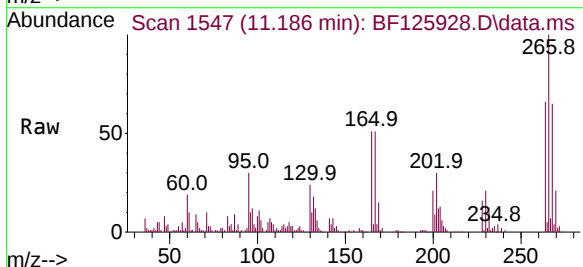
Instrument :
BNA_F
ClientSampleId :
1-3-TOTES

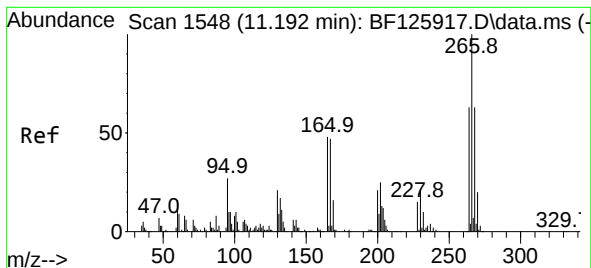
Tgt Ion:248 Resp: 15315
Ion Ratio Lower Upper
248 100
250 205.1 74.2 111.4#
141 582.2 60.4 90.6#



#69
Atrazine
Concen: 3.727 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.094 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

Tgt Ion:200 Resp: 21820
Ion Ratio Lower Upper
200 100
173 0.0 11.1 51.1#
215 1.5 22.7 62.7#

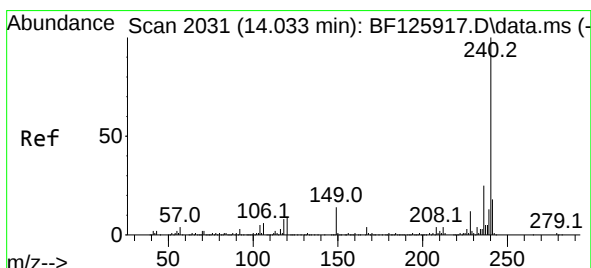
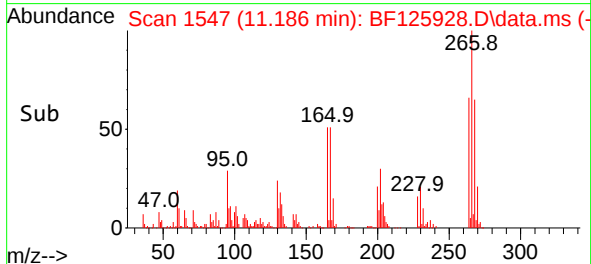
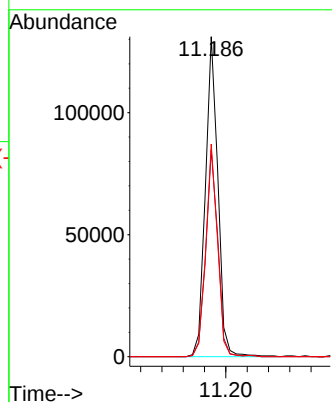
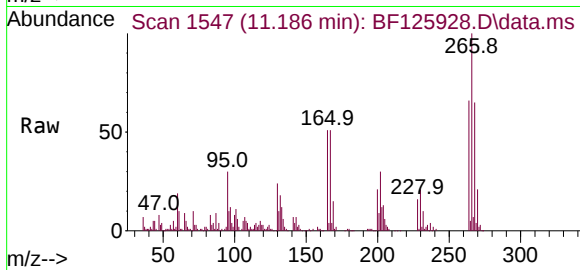




#70
 Pentachlorophenol
 Concen: 27.233 ng
 RT: 11.186 min Scan# 1547
 Delta R.T. -0.006 min
 Lab File: BF125928.D
 Acq: 26 Oct 2021 11:37

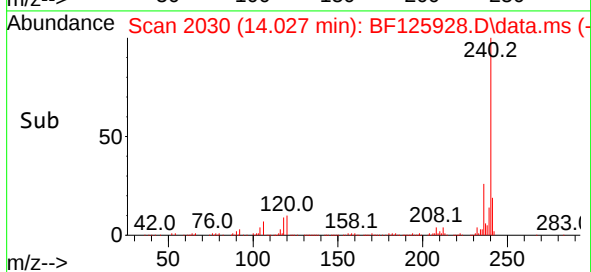
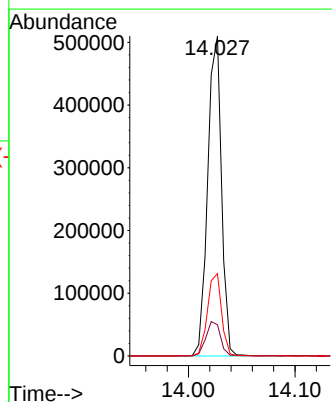
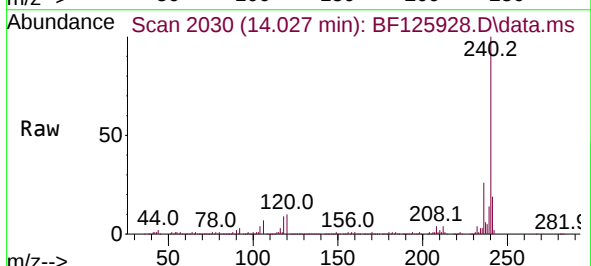
Instrument :
 BNA_F
 ClientSampleId :
 1-3-TOTES

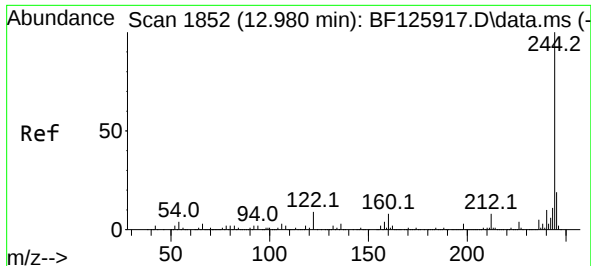
Tgt Ion:266 Resp: 106872
 Ion Ratio Lower Upper
 266 100
 268 64.7 48.9 73.3
 264 66.5 55.9 83.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.006 min
 Lab File: BF125928.D
 Acq: 26 Oct 2021 11:37

Tgt Ion:240 Resp: 460539
 Ion Ratio Lower Upper
 240 100
 120 9.8 10.8 16.2#
 236 25.8 21.6 32.4

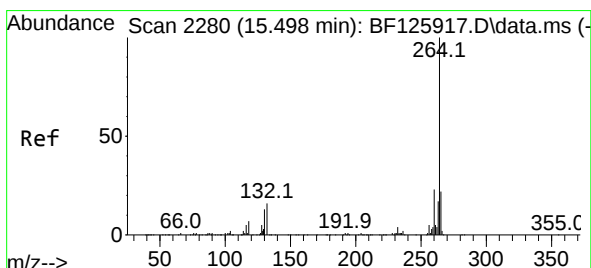
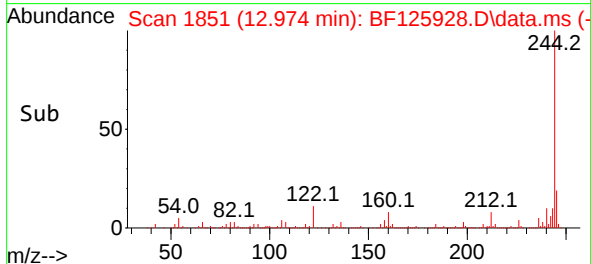
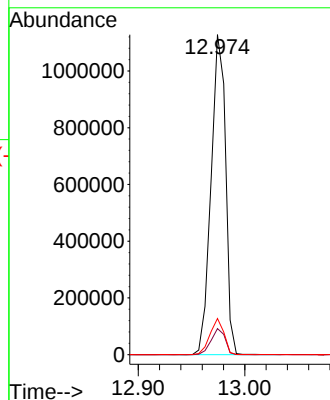
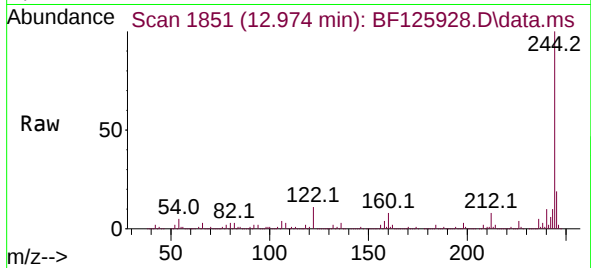




#79
Terphenyl-d14
Concen: 37.954 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125928.D
Acq: 26 Oct 2021 11:37

Instrument :
BNA_F
ClientSampleId :
1-3-TOTES

Tgt Ion:244 Resp: 1068602
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 11.3 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: BF125928.D
Acq: 26 Oct 2021 11:37

Tgt Ion:264 Resp: 337275
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 20.4 17.2 25.8

