

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
 Data File : BF125676.D
 Acq On : 27 Sep 2021 17:24
 Operator : JU/CG
 Sample : M3938-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 19:07:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

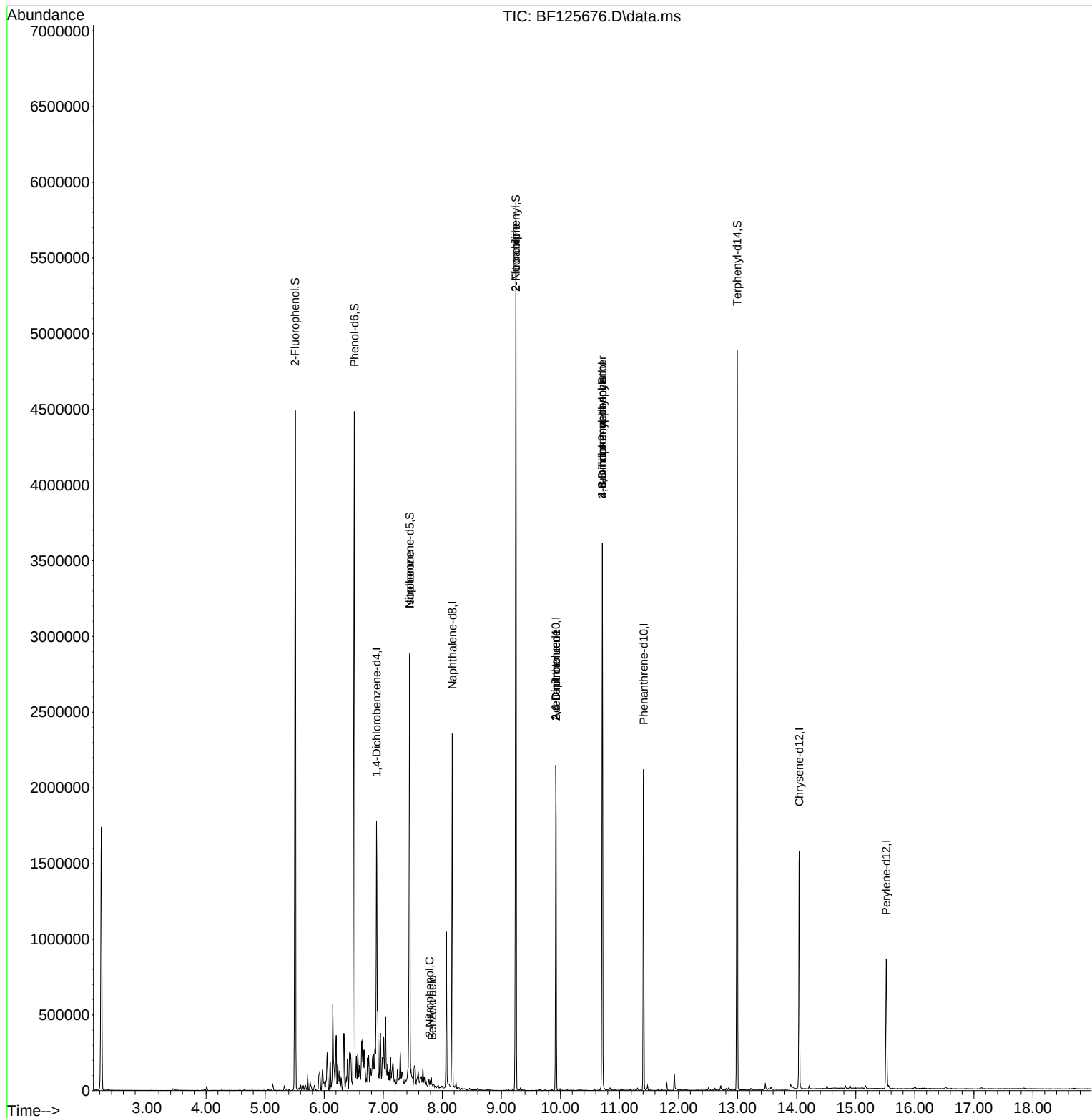
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	240675	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1026175	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	460514	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	780896	20.000	ng	0.00
76) Chrysene-d12	14.045	240	541680	20.000	ng	0.00
86) Perylene-d12	15.515	264	393162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1524135	104.336	ng	0.00
7) Phenol-d6	6.510	99	1910000	97.255	ng	0.00
23) Nitrobenzene-d5	7.451	82	1104667	75.085	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	478897	111.535	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1877116	71.044	ng	0.00
79) Terphenyl-d14	12.992	244	1752250	56.020	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	2520	Below Cal	#	12
25) Isophorone	7.451	82	1100309	33.395	ng	# 59
26) 2-Nitrophenol	7.786	139	239	5.761	ng	# 1
32) Benzoic acid	7.828	122	437	8.661	ng	# 72
48) 2-Nitroaniline	9.245	65	2390	4.486	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	59782	12.765	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	59782	11.628	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1007	9.228	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	26652	3.252	ng	# 1

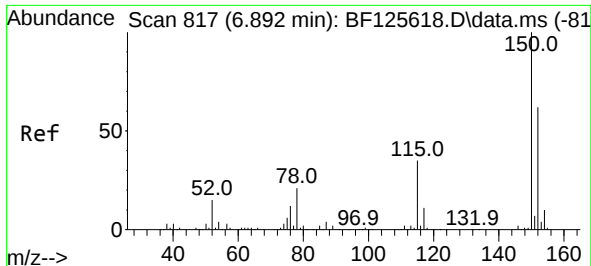
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
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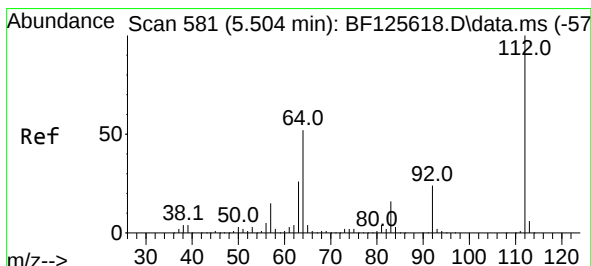
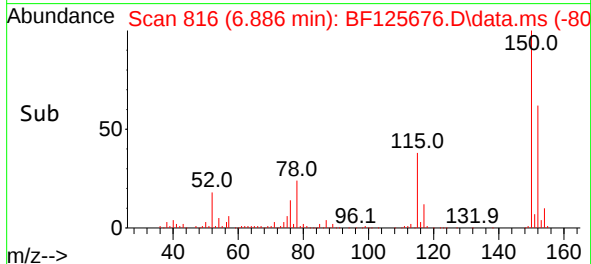
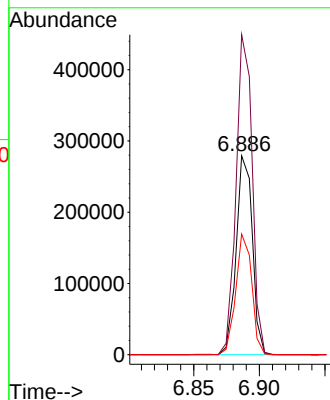
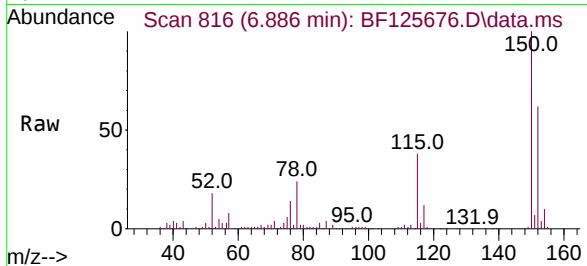




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

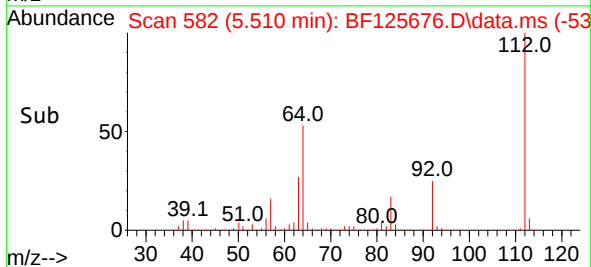
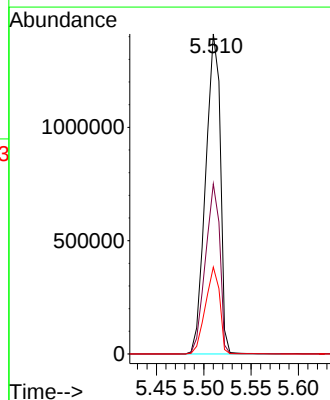
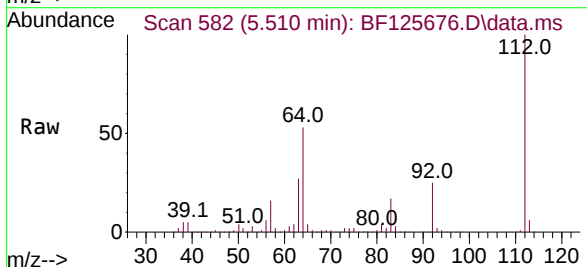
Instrument :
BNA_F
ClientSampleId :

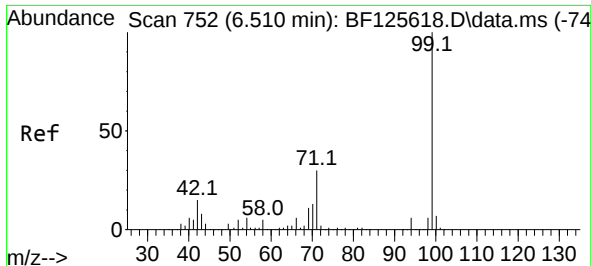
Tgt Ion:152 Resp: 240675
Ion Ratio Lower Upper
152 100
150 160.9 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 104.336 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:112 Resp: 1524135
Ion Ratio Lower Upper
112 100
64 53.1 44.2 66.2
63 27.2 26.2 39.2

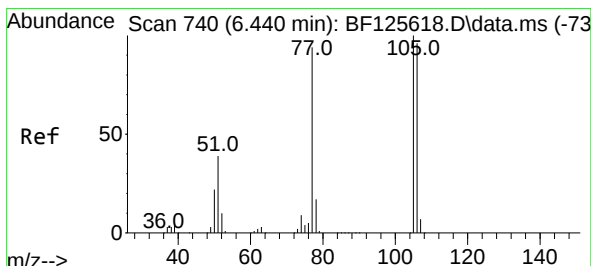
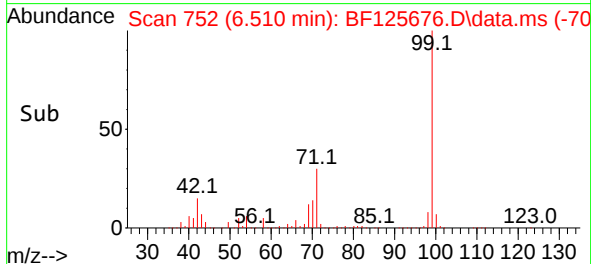
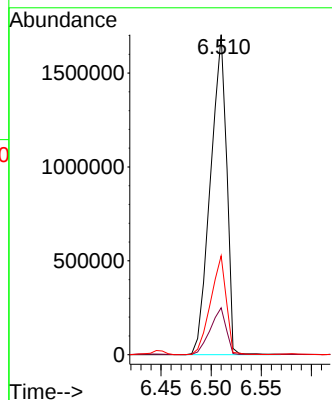
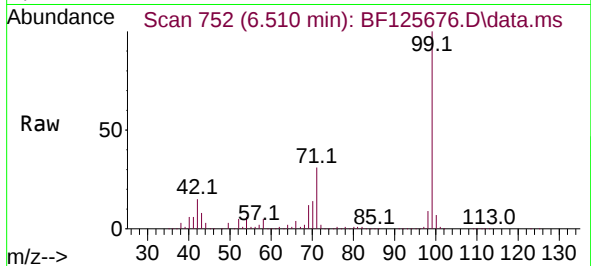




#7
Phenol-d6
Concen: 97.255 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

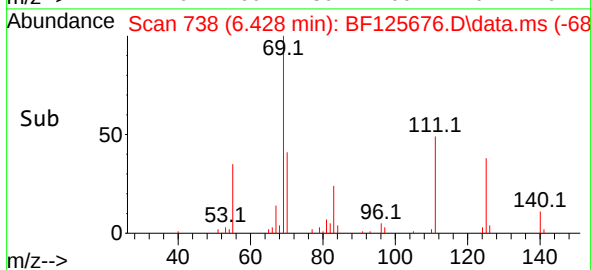
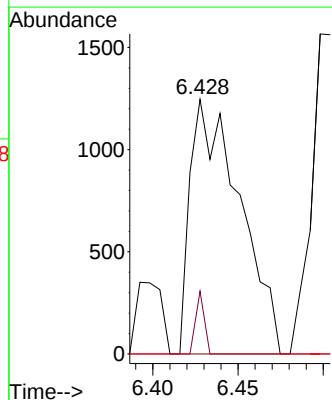
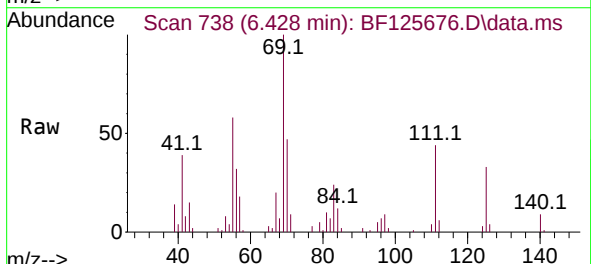
Instrument :
BNA_F
ClientSampleId :

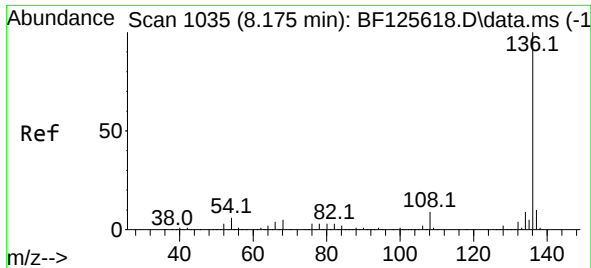
Tgt Ion: 99 Resp: 1910000
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 30.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

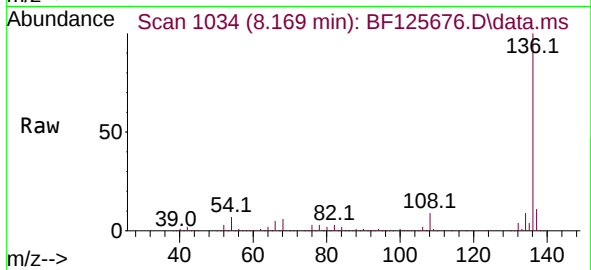
Tgt Ion: 77 Resp: 2520
Ion Ratio Lower Upper
77 100
105 24.6 75.9 115.9#
106 0.0 84.0 124.0#



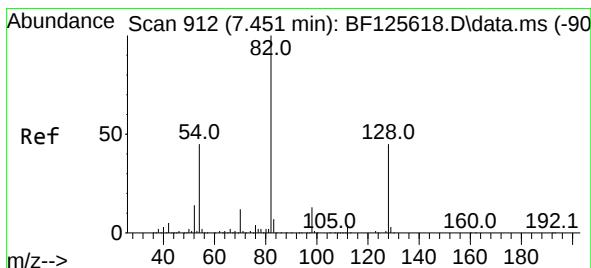
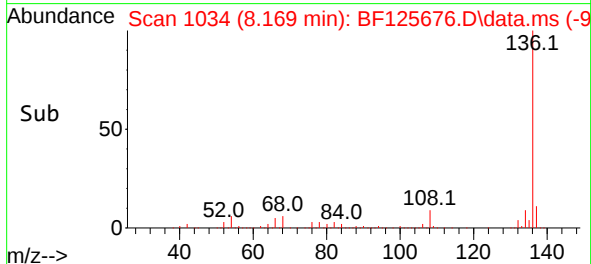
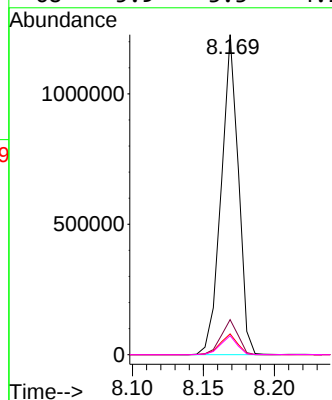


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Instrument :
BNA_F
ClientSampleId :

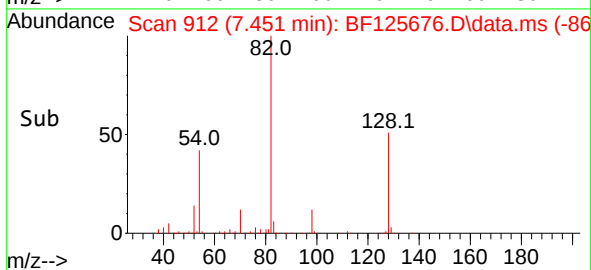
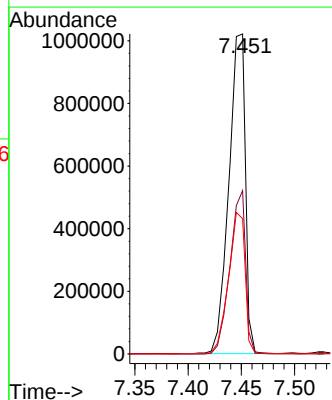
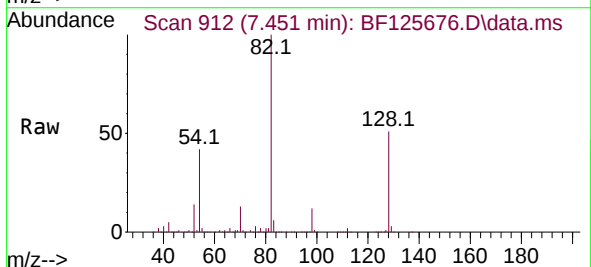


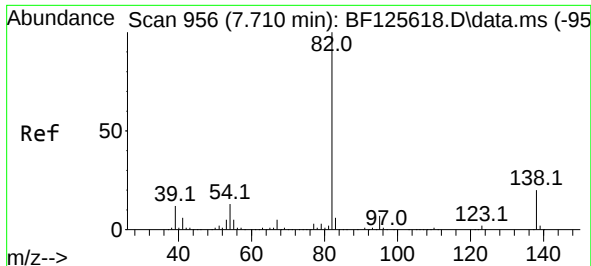
Tgt Ion:136 Resp: 1026175
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 6.5 6.4 9.6
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.085 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion: 82 Resp: 1104667
Ion Ratio Lower Upper
82 100
128 51.0 40.6 60.8
54 42.3 49.6 74.4#

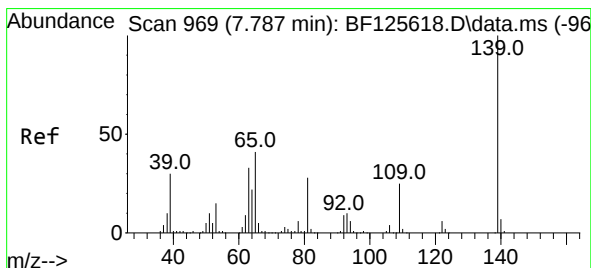
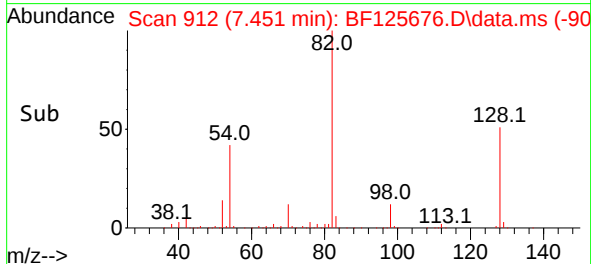
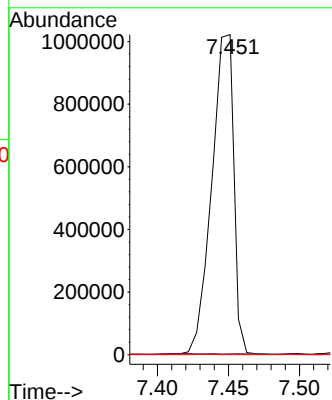
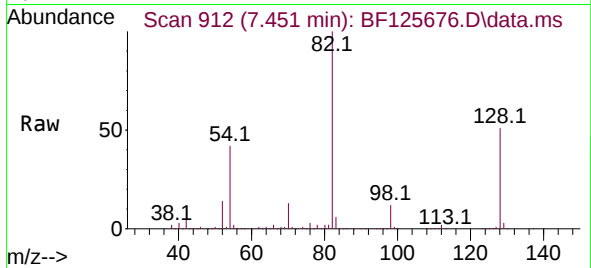




#25
Isophorone
Concen: 33.395 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

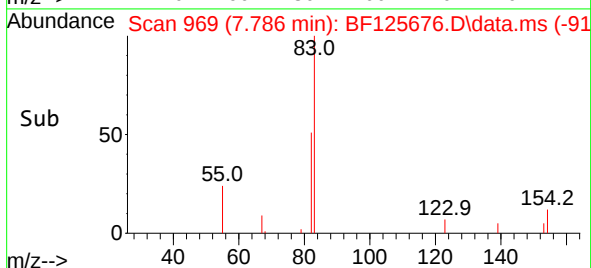
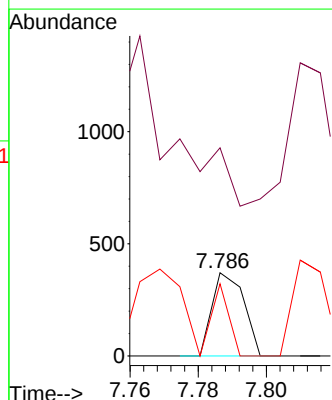
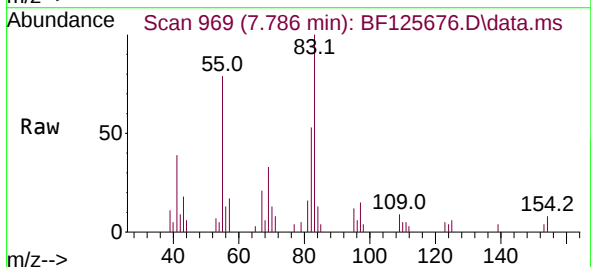
Instrument :
BNA_F
ClientSampleId :

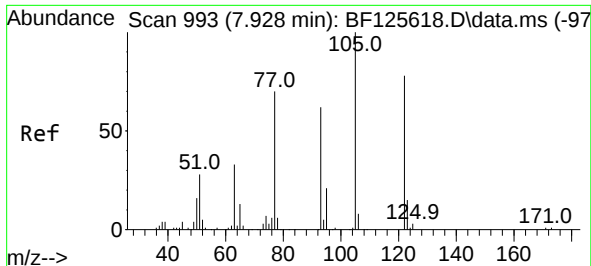
Tgt Ion: 82 Resp: 1100309
Ion Ratio Lower Upper
82 100
95 0.2 6.5 9.7#
138 0.0 18.4 27.6#



#26
2-Nitrophenol
Concen: 5.761 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:139 Resp: 239
Ion Ratio Lower Upper
139 100
109 250.1 26.0 39.0#
65 86.8 31.0 46.4#

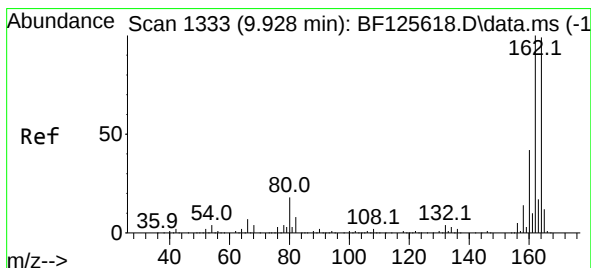
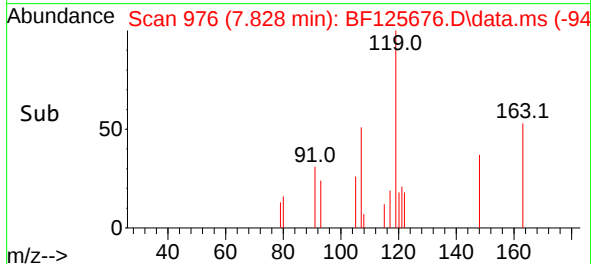
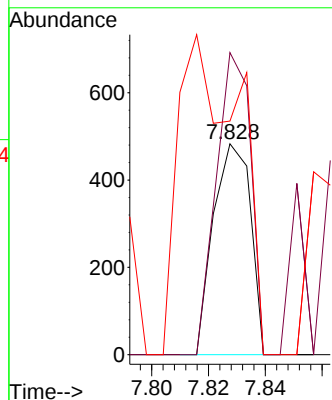
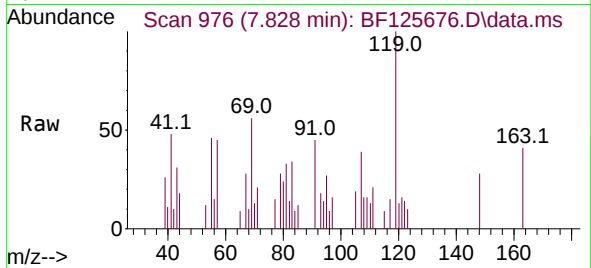




#32
Benzoic acid
Concen: 8.661 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.100 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

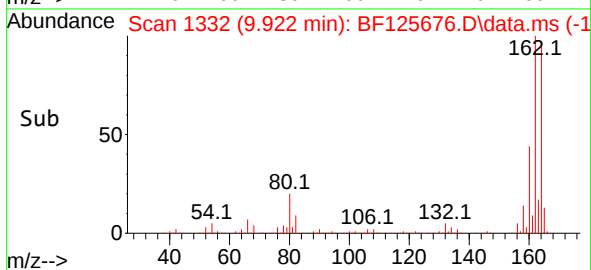
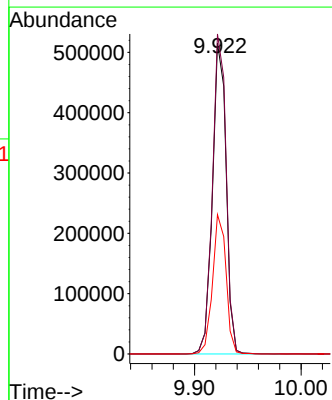
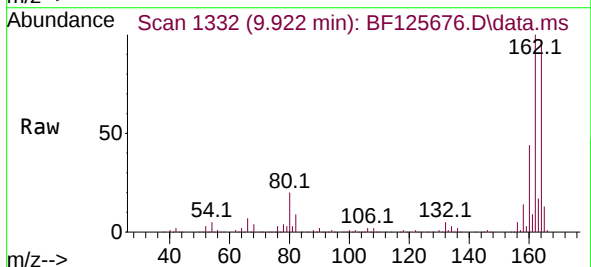
Instrument :
BNA_F
ClientSampleId :

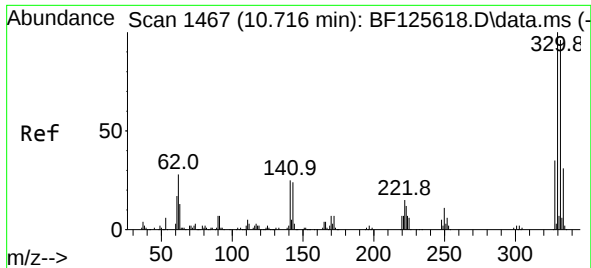
Tgt Ion:122 Resp: 437
Ion Ratio Lower Upper
122 100
105 143.3 97.6 137.6#
77 110.8 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:164 Resp: 460514
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 44.8 38.0 57.0

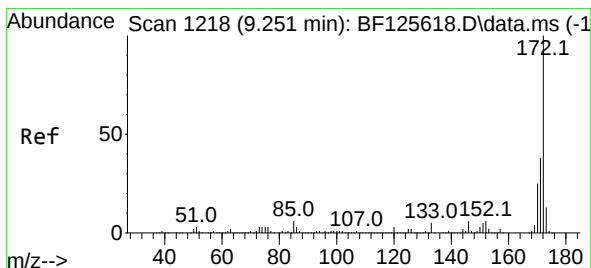
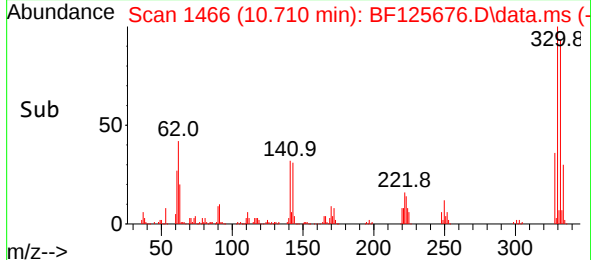
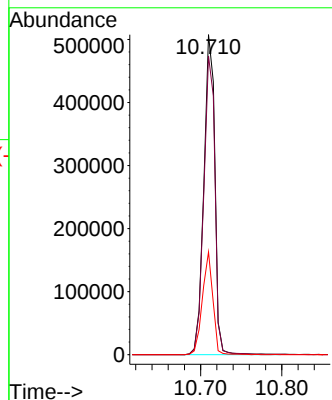
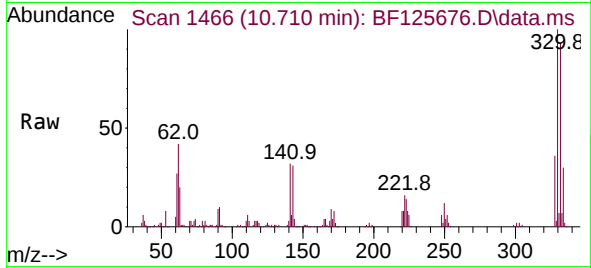




#42
 2,4,6-Tribromophenol
 Concen: 111.535 ng
 RT: 10.710 min Scan# 1466
 Delta R.T. -0.006 min
 Lab File: BF125676.D
 Acq: 27 Sep 2021 17:24

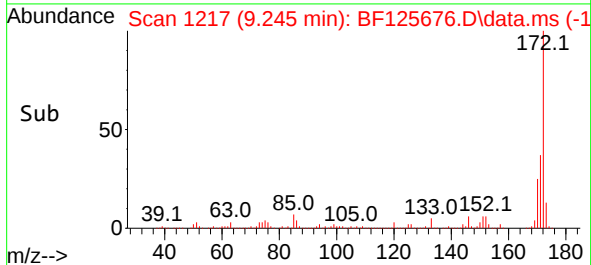
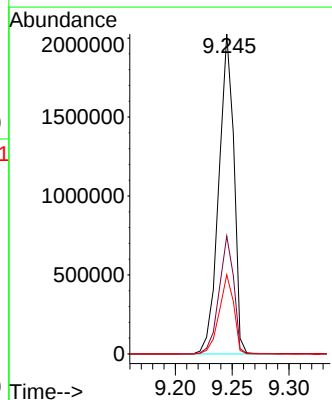
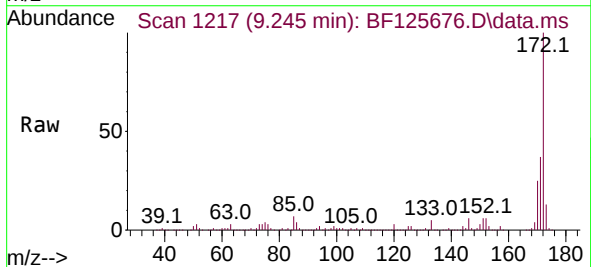
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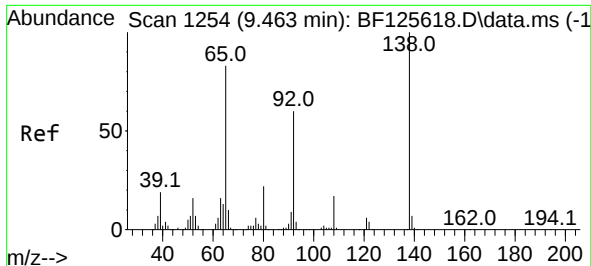
Tgt Ion:330 Resp: 478897
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.2 114.4
 141 30.5 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 71.044 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF125676.D
 Acq: 27 Sep 2021 17:24

Tgt Ion:172 Resp: 1877116
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.5 39.7
 170 24.8 18.8 28.2

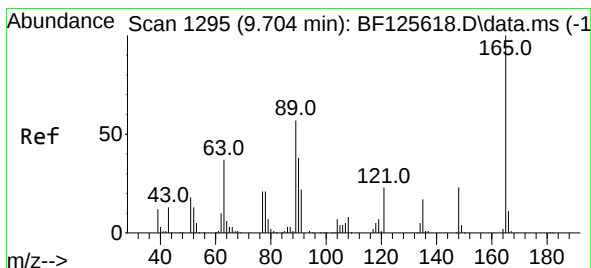
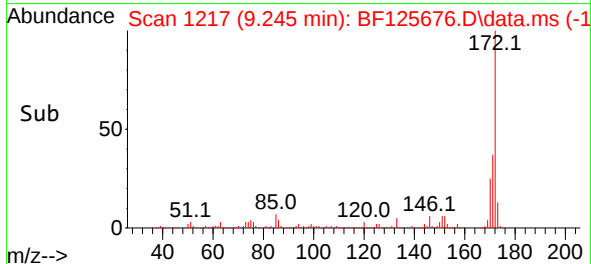
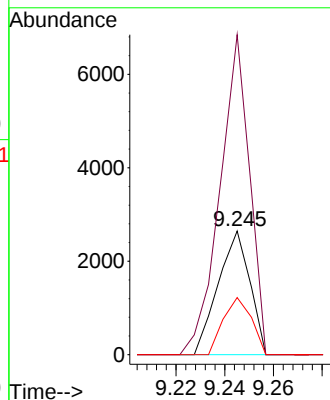
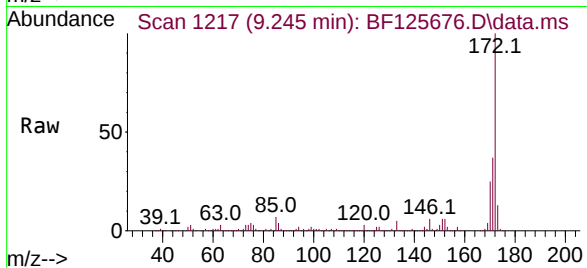




#48
2-Nitroaniline
Concen: 4.486 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

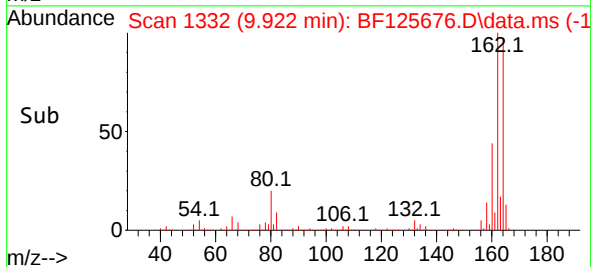
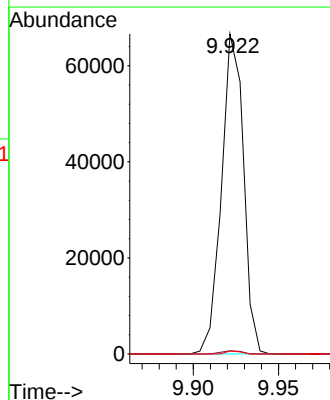
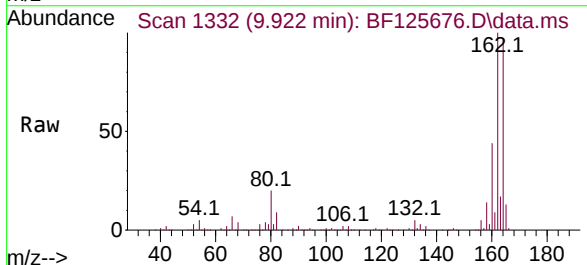
Instrument :
BNA_F
ClientSampled :

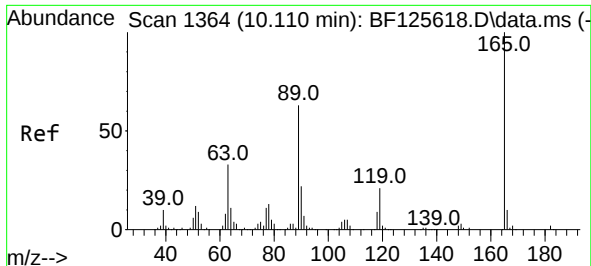
Tgt Ion: 65 Resp: 2390
Ion Ratio Lower Upper
65 100
92 258.7 55.5 83.3#
138 46.2 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.765 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:165 Resp: 59782
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.9 40.6 60.8#

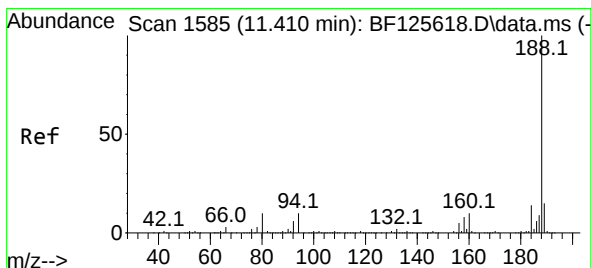
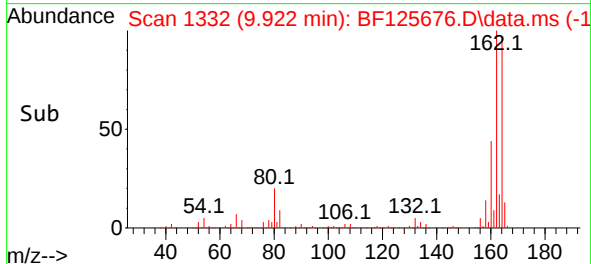
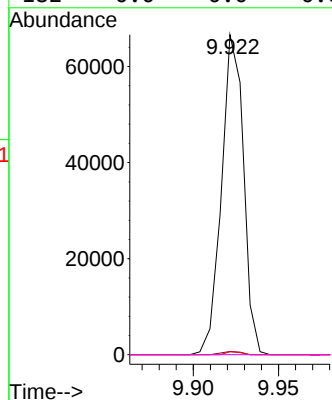
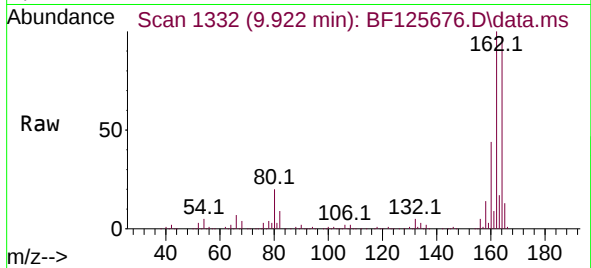




#57
2,4-Dinitrotoluene
Concen: 11.628 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

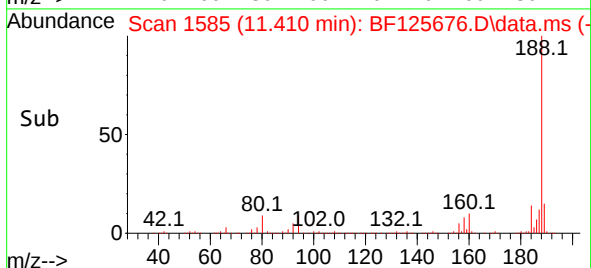
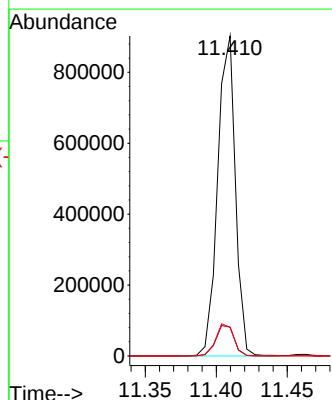
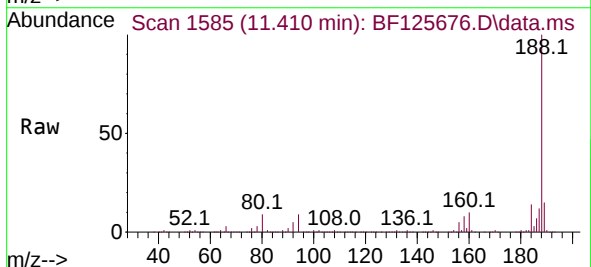
Instrument :
BNA_F
ClientSampleId :

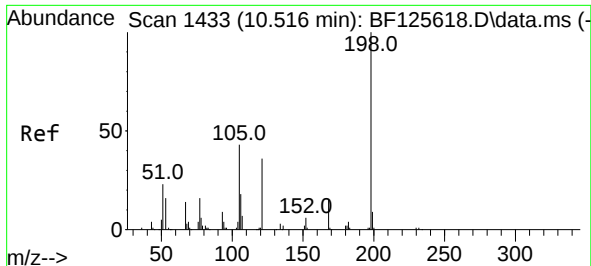
Tgt Ion:165 Resp: 59782
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:188 Resp: 780896
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.0 7.5 11.3

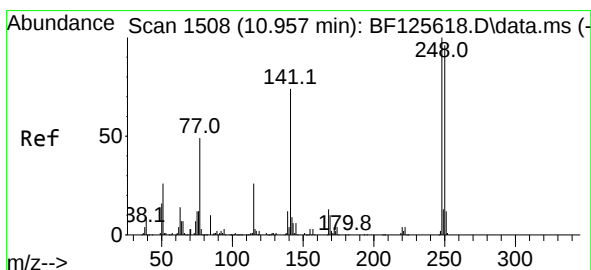
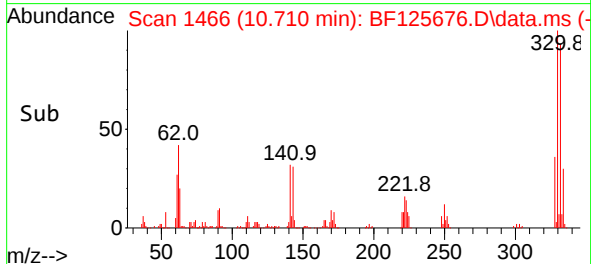
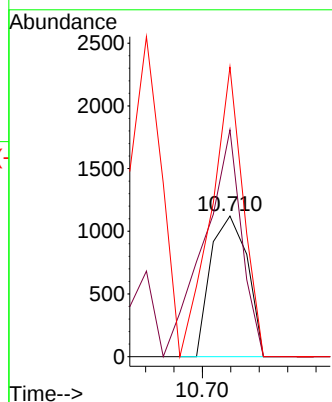
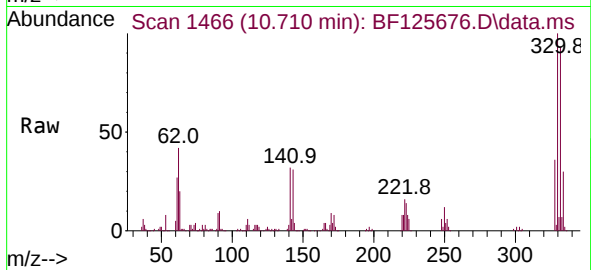




#65
4,6-Dinitro-2-methylphenol
Concen: 9.228 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

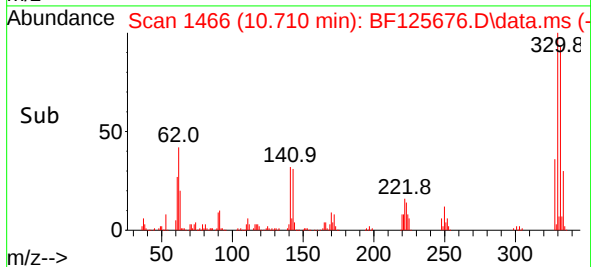
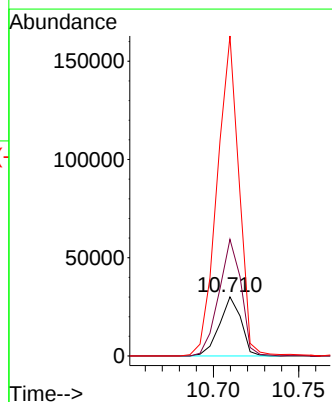
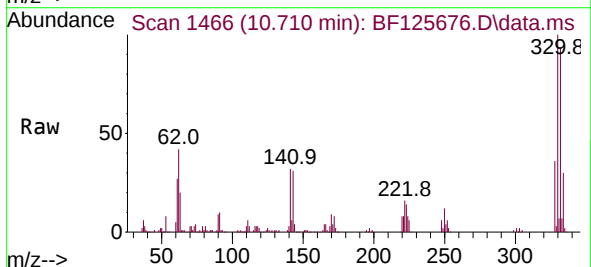
Instrument :
BNA_F
ClientSampleId :

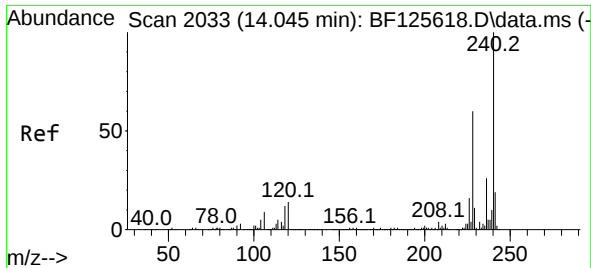
Tgt Ion:198 Resp: 1007
Ion Ratio Lower Upper
198 100
51 161.4 45.3 85.3#
105 206.1 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.252 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:248 Resp: 26652
Ion Ratio Lower Upper
248 100
250 197.4 74.2 111.4#
141 541.3 60.4 90.6#

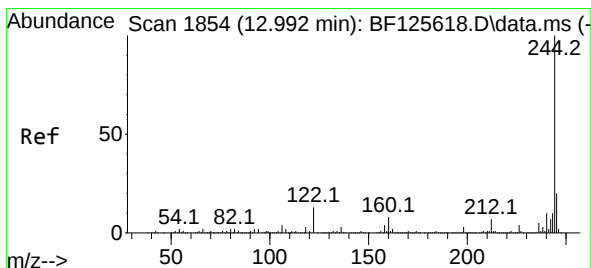
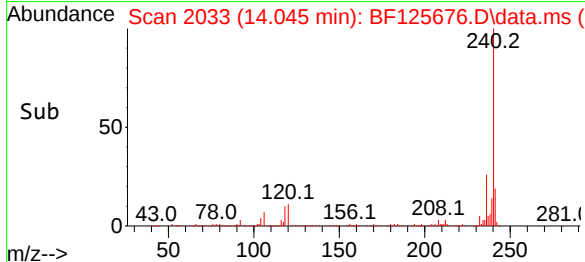
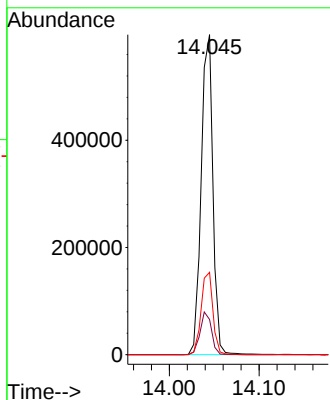
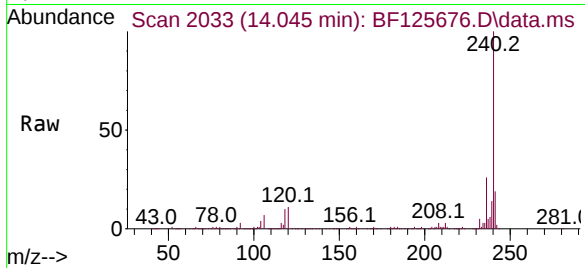




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

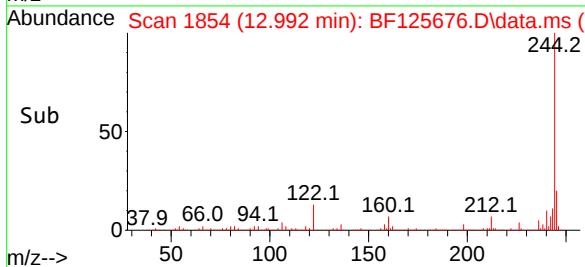
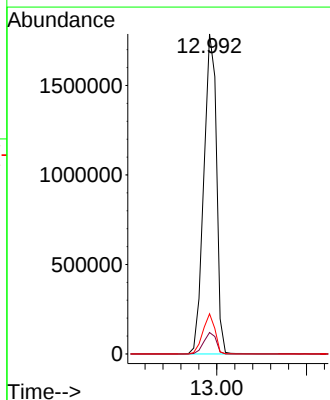
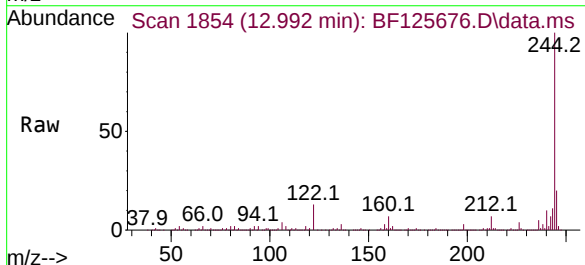
Instrument :
BNA_F
ClientSampleId :

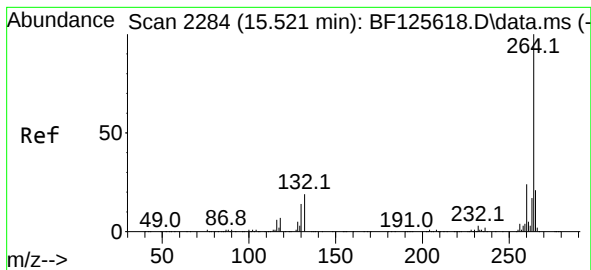
Tgt Ion:240 Resp: 541680
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 56.020 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:244 Resp: 1752250
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 12.6 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 393162

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	22.5	17.2	25.8

