

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130999.D
 Acq On : 04 Nov 2022 19:45
 Operator : CG\JU
 Sample : N5425-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 371

Quant Time: Nov 05 00:39:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

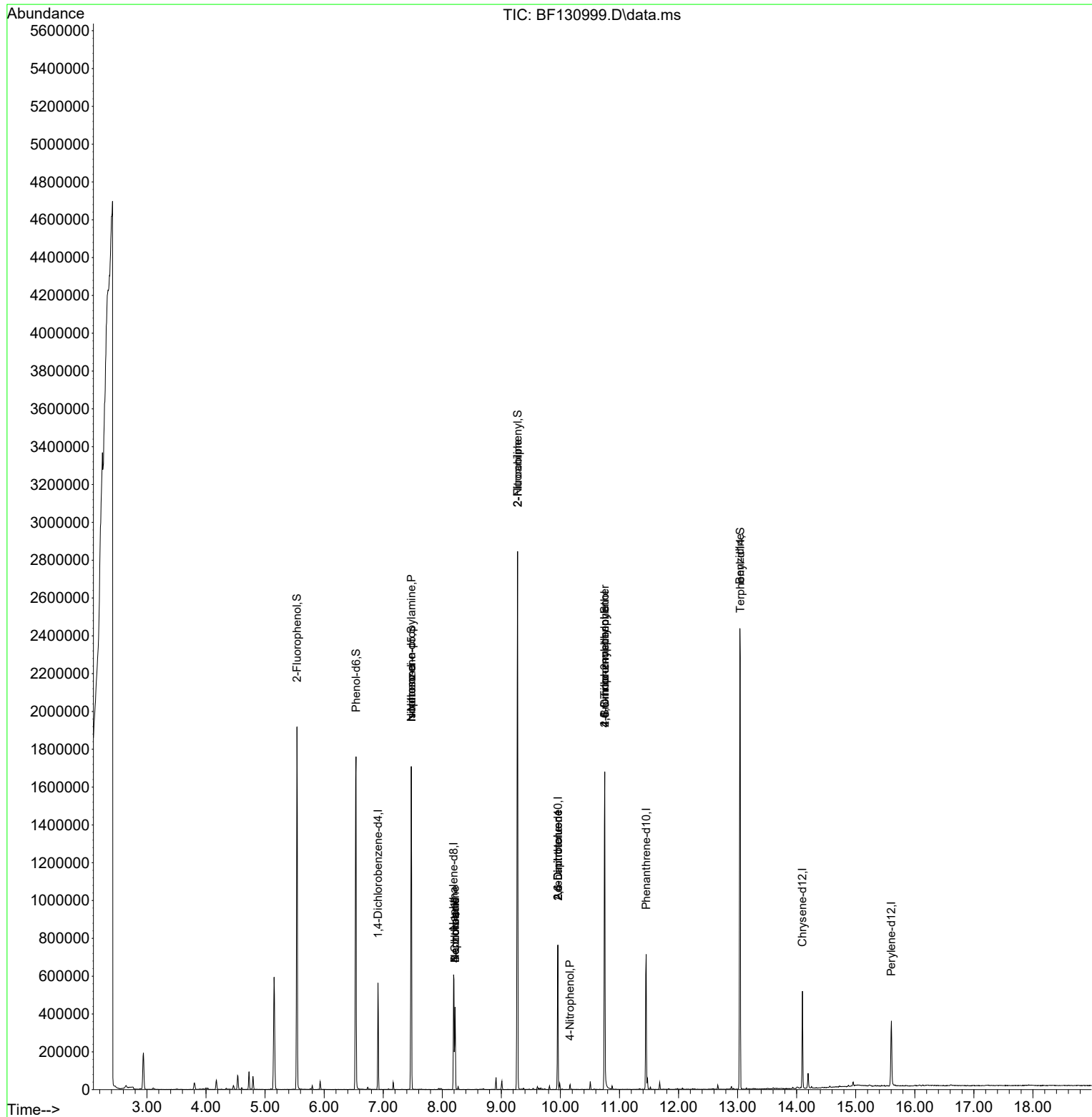
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	71531	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	276256	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	142428	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	253014	20.000	ng	0.00
76) Chrysene-d12	14.098	240	153870	20.000	ng	0.00
86) Perylene-d12	15.604	264	151667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	473154	114.673	ng	0.01
7) Phenol-d6	6.540	99	575113	107.259	ng	0.00
23) Nitrobenzene-d5	7.475	82	541578	118.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	199483	166.380	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	895780	95.088	ng	0.00
79) Terphenyl-d14	13.045	244	905253	107.808	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	73138	20.048	ng	# 78
25) Isophorone	7.475	82	541570	57.324	ng	# 66
31) Naphthalene	8.216	128	169588	11.766	ng	# 99
32) Benzoic acid	8.216	122	413	7.804	ng	# 1
33) 4-Chloroaniline	8.216	127	21862	3.839	ng	# 32
48) 2-Nitroaniline	9.275	65	1837	4.788	ng	# 3
51) 2,6-Dinitrotoluene	9.957	165	18578	12.198	ng	# 15
56) 4-Nitrophenol	10.163	139	3230	2.141	ng	# 1
57) 2,4-Dinitrotoluene	9.957	165	18578	11.044	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.751	198	519	8.338	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	12649	4.971	ng	# 1
77) Benzidine	13.039	184	13708	3.670	ng	# 90

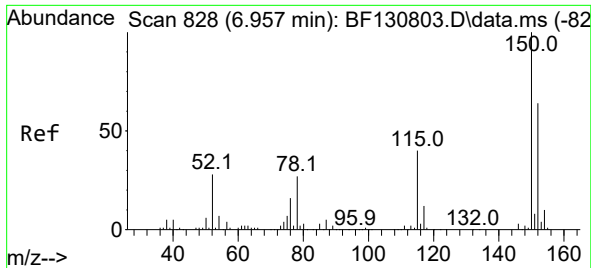
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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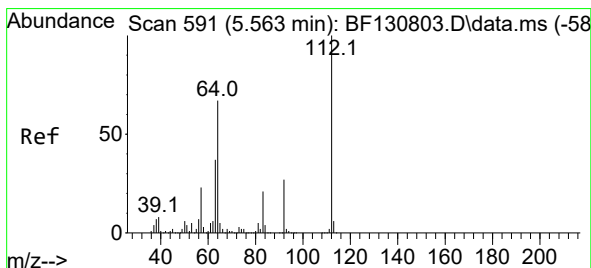
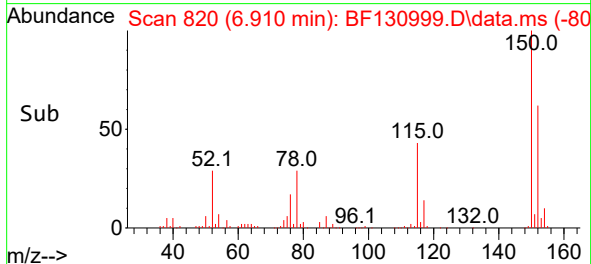
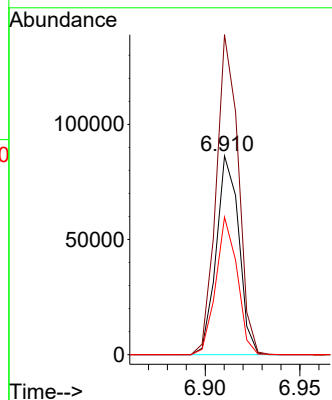
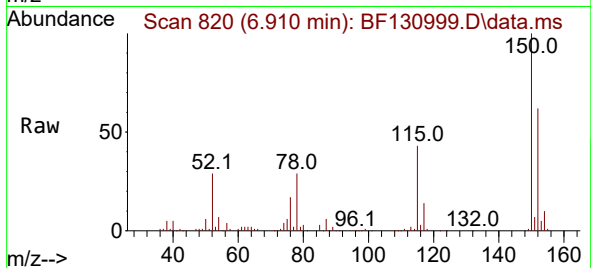




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

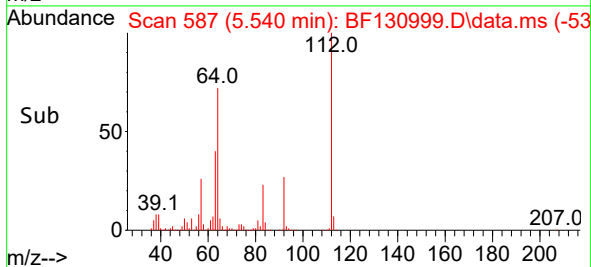
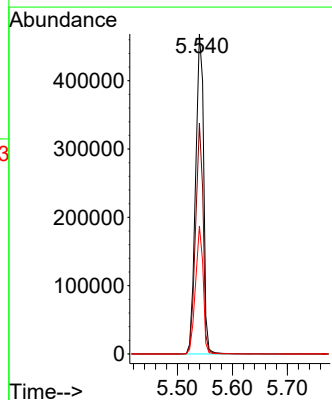
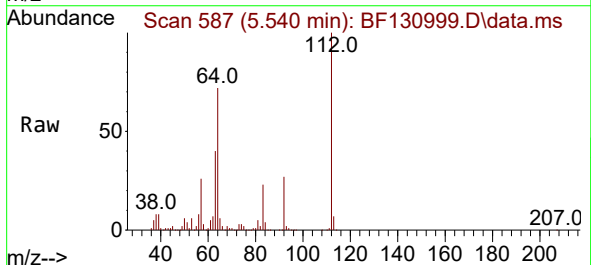
Instrument :
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ClientSampleId :
371

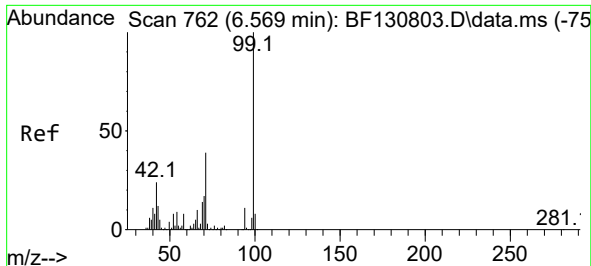
Tgt Ion:152 Resp: 71531
Ion Ratio Lower Upper
152 100
150 161.0 124.1 186.1
115 69.2 50.1 75.1



#5
2-Fluorophenol
Concen: 114.673 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion:112 Resp: 473154
Ion Ratio Lower Upper
112 100
64 72.1 53.9 80.9
63 40.0 29.4 44.2

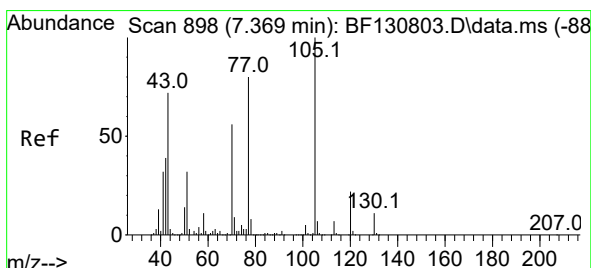
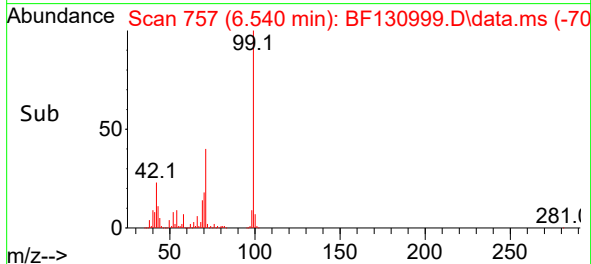
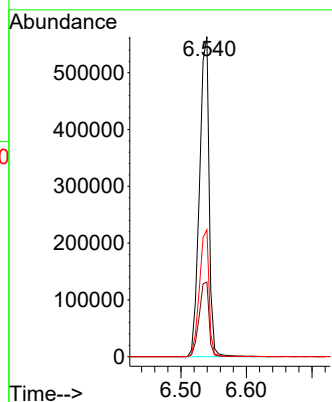
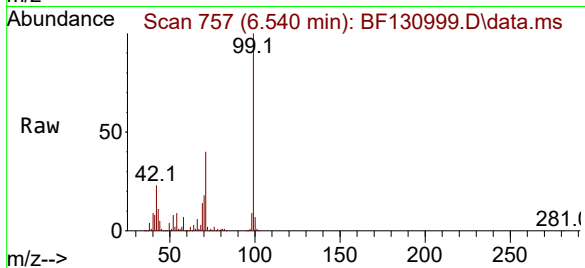




#7
Phenol-d6
Concen: 107.259 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

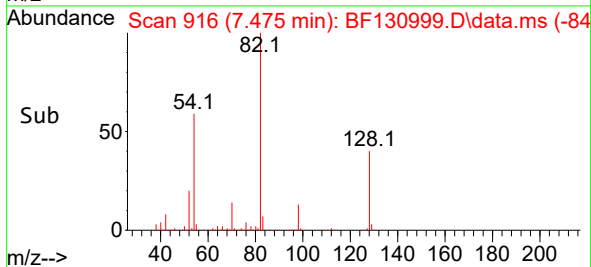
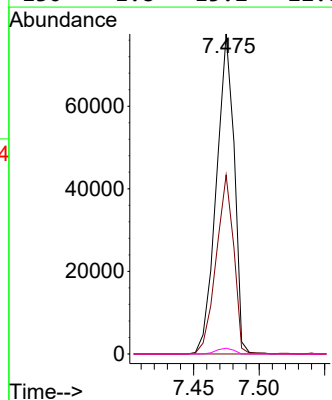
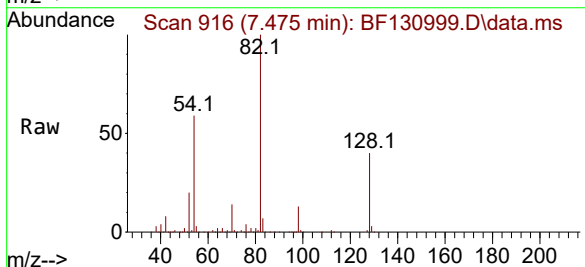
Instrument :
BNA_F
ClientSampleId :
371

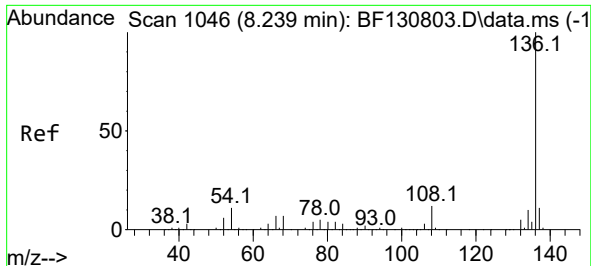
Tgt Ion: 99 Resp: 575113
Ion Ratio Lower Upper
99 100
42 23.4 18.8 28.2
71 39.6 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.048 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion: 70 Resp: 73138
Ion Ratio Lower Upper
70 100
42 55.9 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#

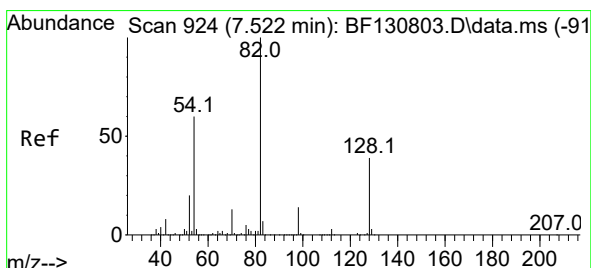
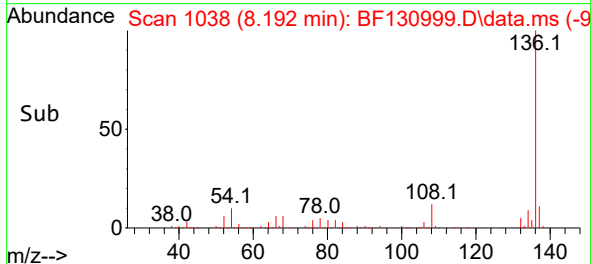
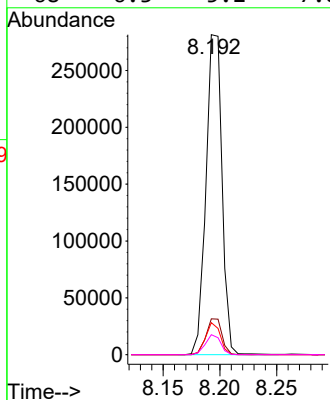
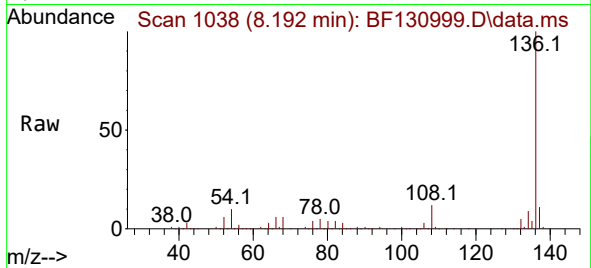




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

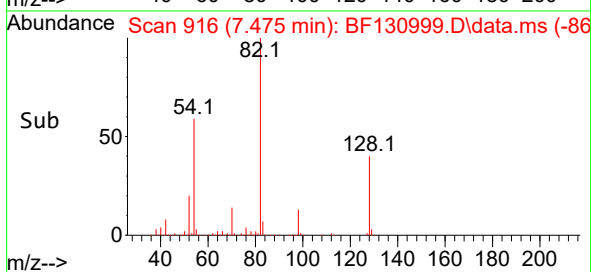
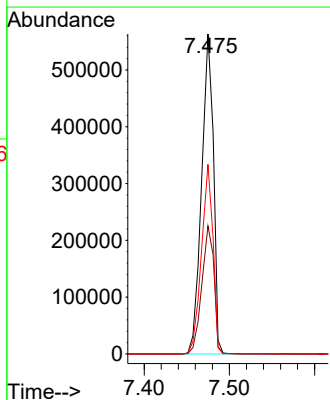
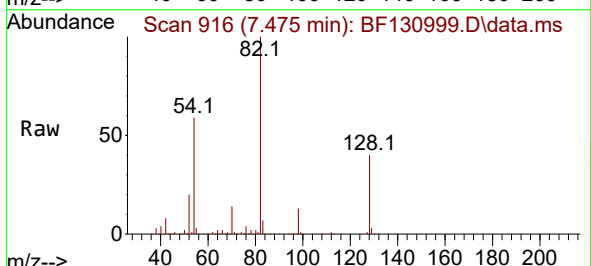
Instrument :
BNA_F
ClientSampleId :
371

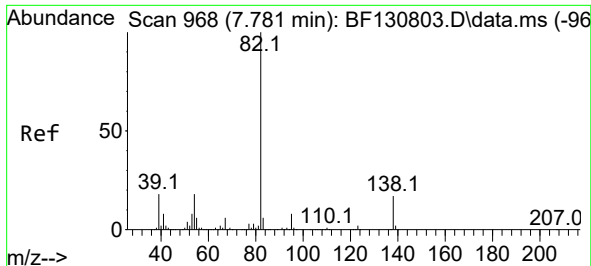
Tgt Ion:	136	Resp:	276256
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.2	13.8
54	10.0	8.8	13.2
68	6.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 118.211 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion:	82	Resp:	541578
Ion Ratio	Lower	Upper	
82	100		
128	40.0	31.2	46.8
54	59.2	48.0	72.0

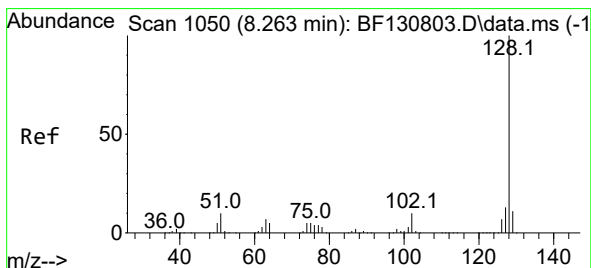
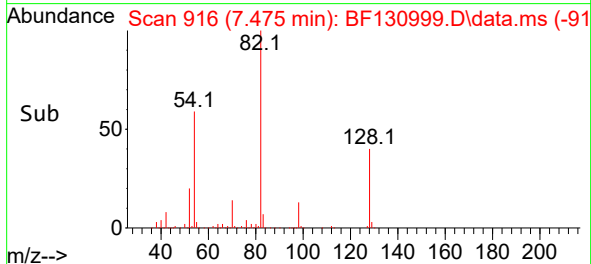
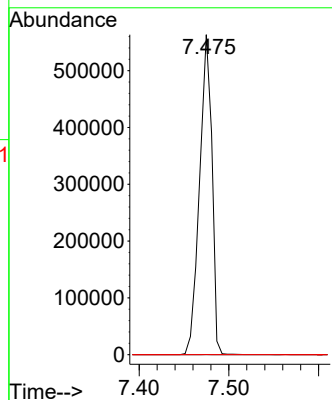
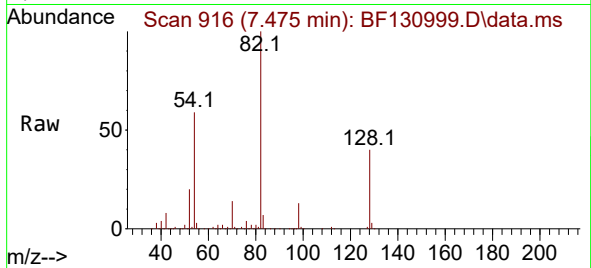




#25
Isophorone
Concen: 57.324 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

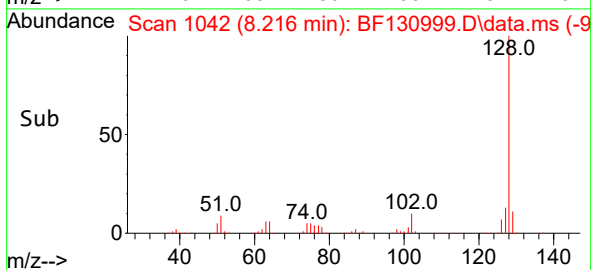
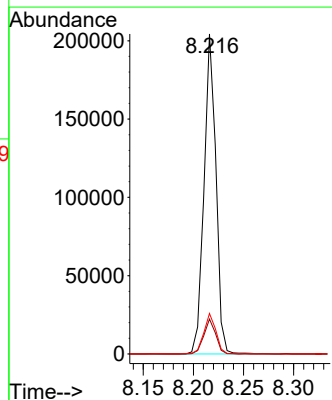
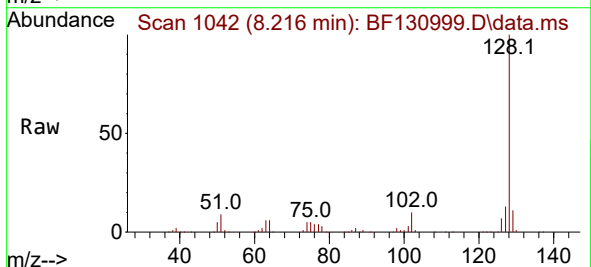
Instrument :
BNA_F
ClientSampleId :
371

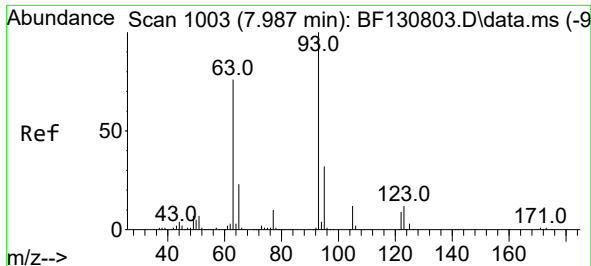
Tgt Ion: 82 Resp: 541570
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#31
Naphthalene
Concen: 11.766 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.012 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion: 128 Resp: 169588
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.7 10.6 16.0





#32

Benzoic acid

Concen: 7.804 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.253 min

Lab File: BF130999.D

Acq: 04 Nov 2022 19:45

Instrument :

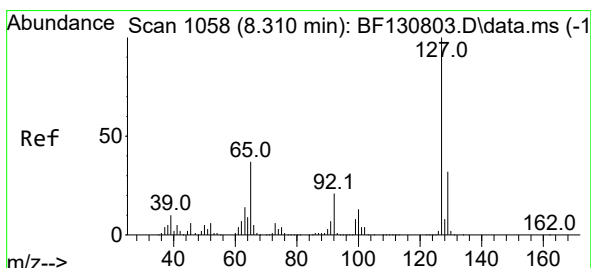
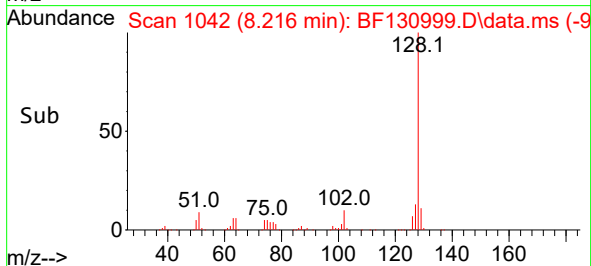
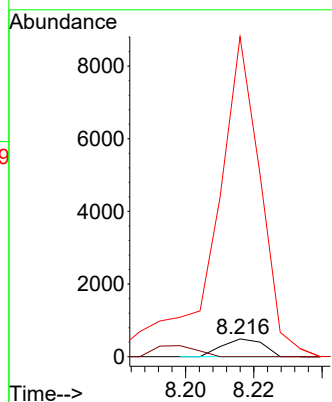
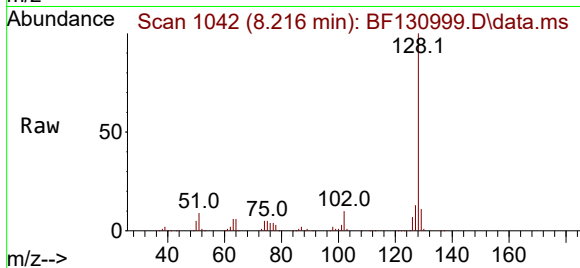
BNA_F

ClientSampleId :

371

Tgt Ion:122 Resp: 413

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.5	154.5#
77	1794.7	89.8	129.8#



#33

4-Chloroaniline

Concen: 3.839 ng

RT: 8.216 min Scan# 1042

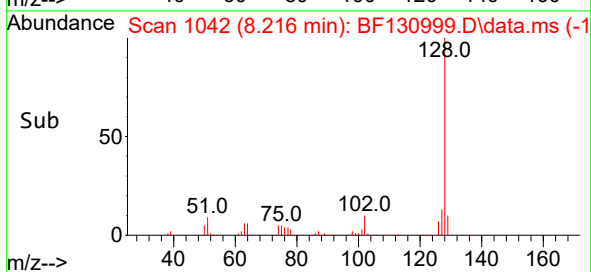
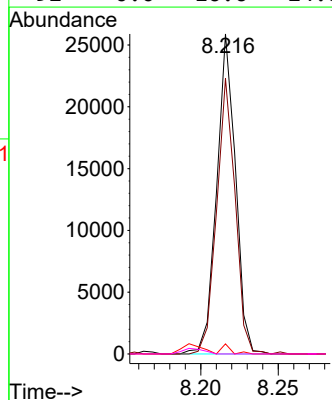
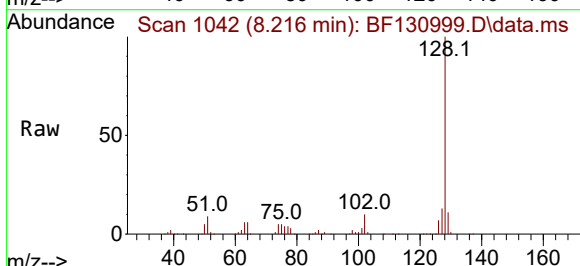
Delta R.T. -0.059 min

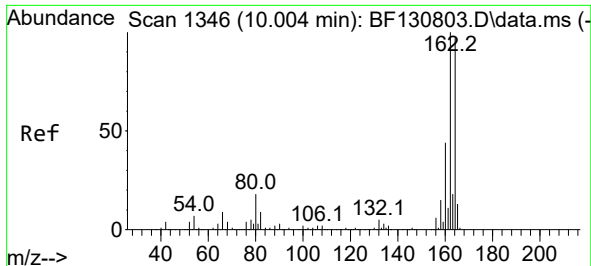
Lab File: BF130999.D

Acq: 04 Nov 2022 19:45

Tgt Ion:127 Resp: 21862

Ion	Ratio	Lower	Upper
127	100		
129	86.1	25.6	38.4#
65	3.1	29.4	44.2#
92	0.0	16.6	24.8#

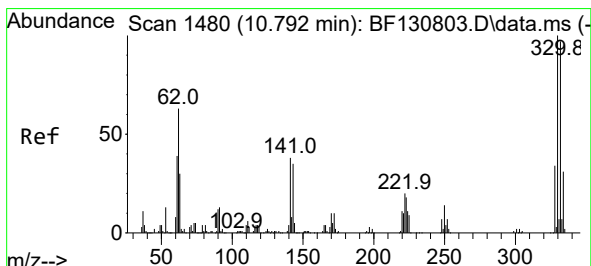
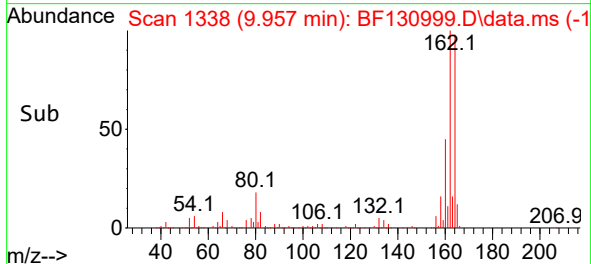
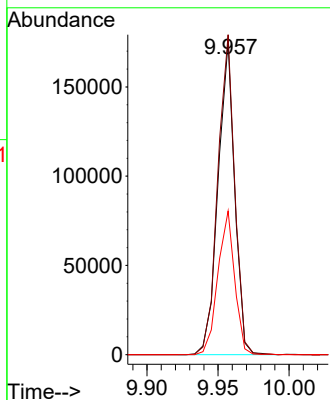
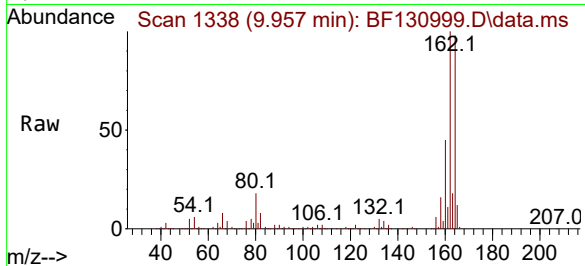




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

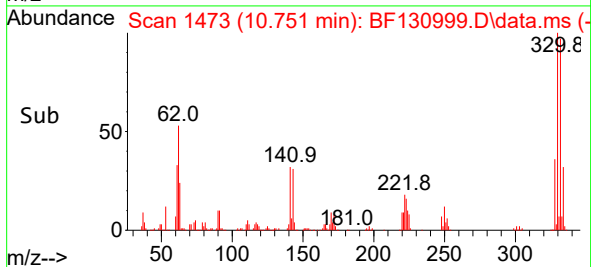
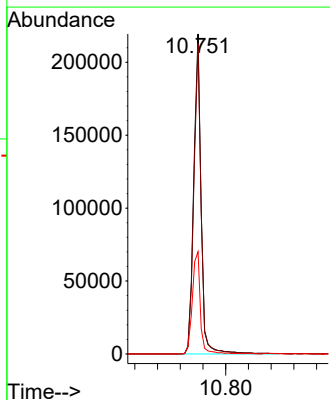
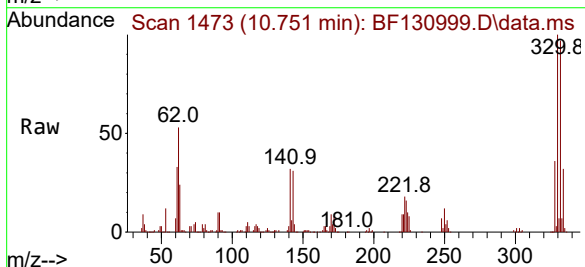
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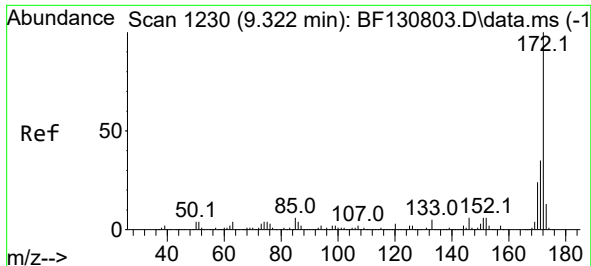
Tgt Ion:164 Resp: 142428
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 45.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 166.380 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion:330 Resp: 199483
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 34.6 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 95.088 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF130999.D

Acq: 04 Nov 2022 19:45

Instrument :

BNA_F

ClientSampleId :

371

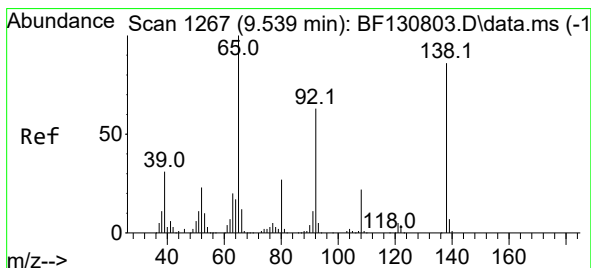
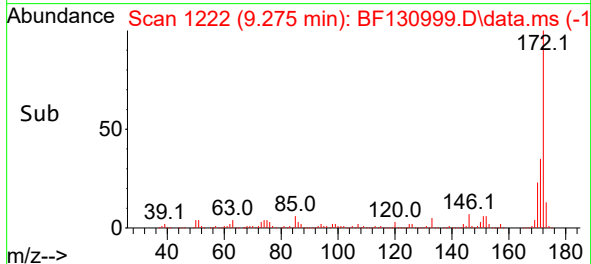
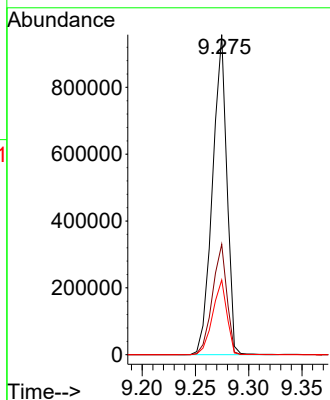
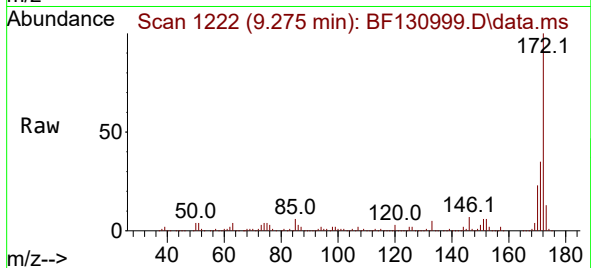
Tgt Ion:172 Resp: 895780

Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 23.4 19.0 28.4



#48

2-Nitroaniline

Concen: 4.788 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.229 min

Lab File: BF130999.D

Acq: 04 Nov 2022 19:45

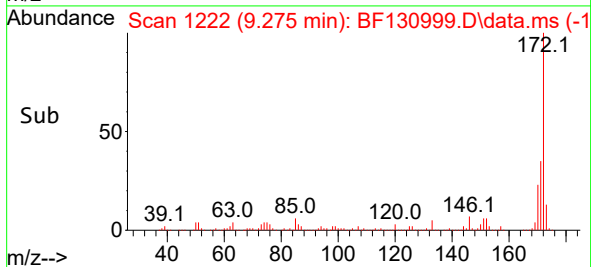
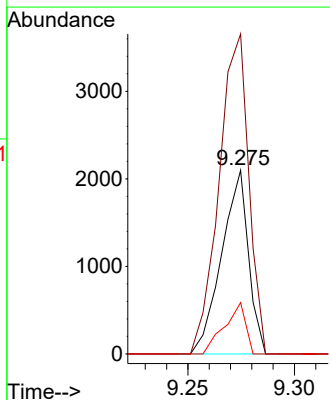
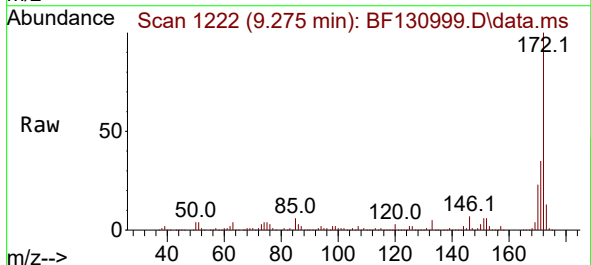
Tgt Ion: 65 Resp: 1837

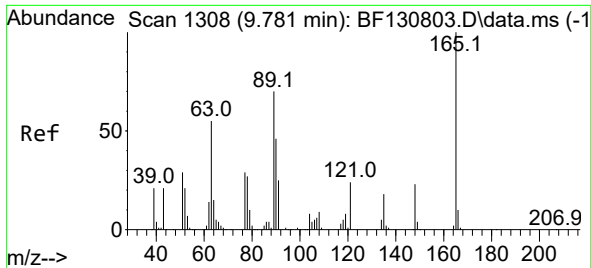
Ion Ratio Lower Upper

65 100

92 174.2 50.1 75.1#

138 27.9 69.2 103.8#

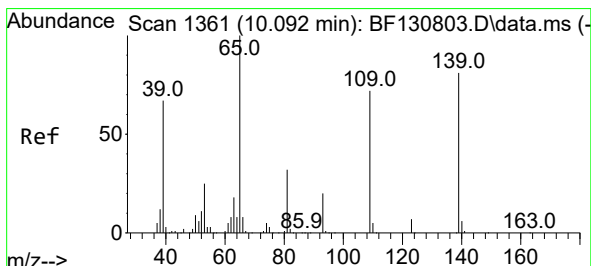
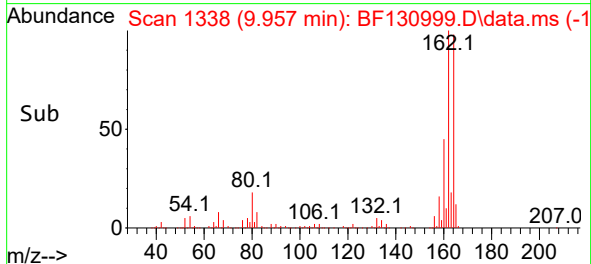
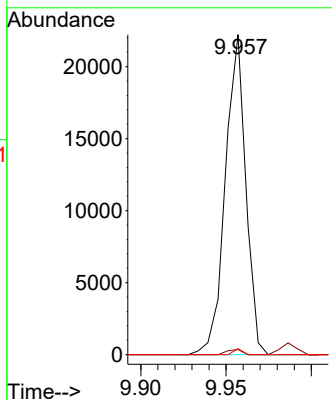
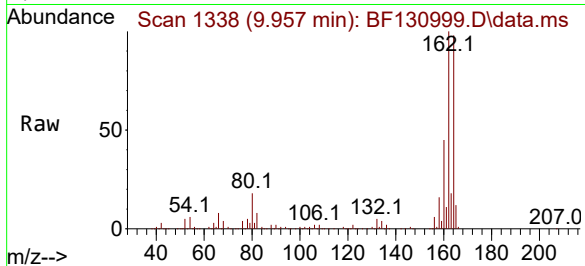




#51
2,6-Dinitrotoluene
Concen: 12.198 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

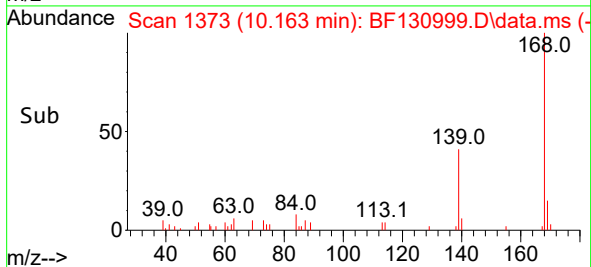
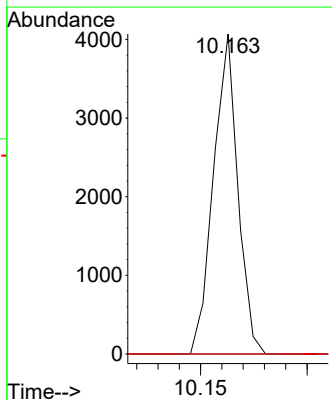
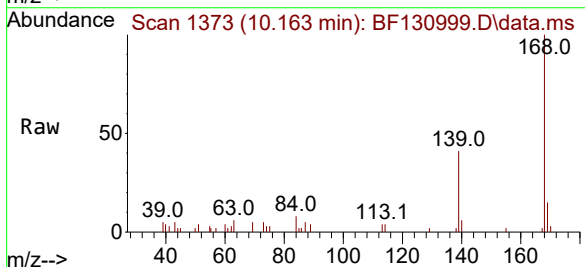
Instrument :
BNA_F
ClientSampleId :
371

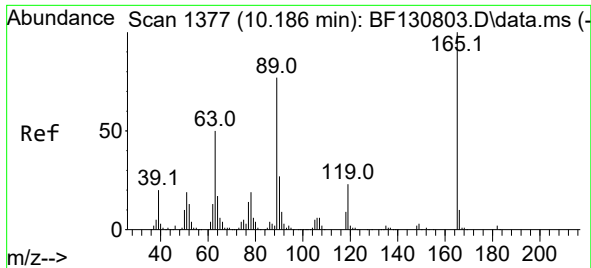
Tgt Ion:165 Resp: 18578
Ion Ratio Lower Upper
165 100
63 1.6 61.8 92.8#
89 1.9 56.2 84.4#



#56
4-Nitrophenol
Concen: 2.141 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.094 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion:139 Resp: 3230
Ion Ratio Lower Upper
139 100
109 0.0 69.3 109.3#
65 0.0 105.3 145.3#

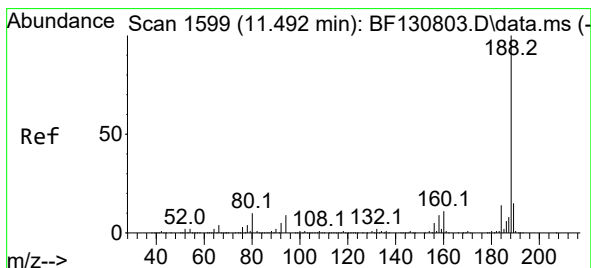
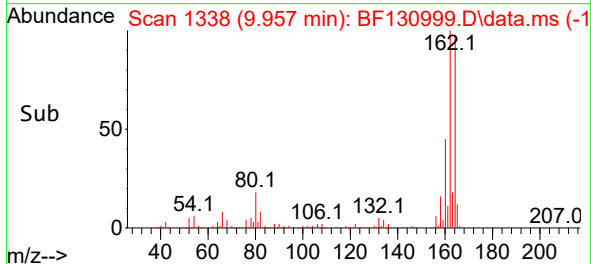
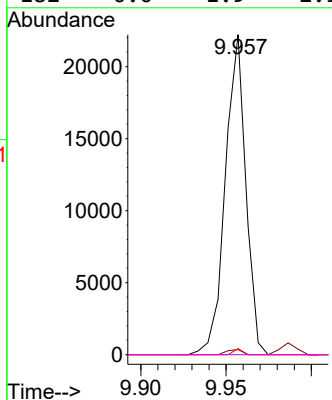
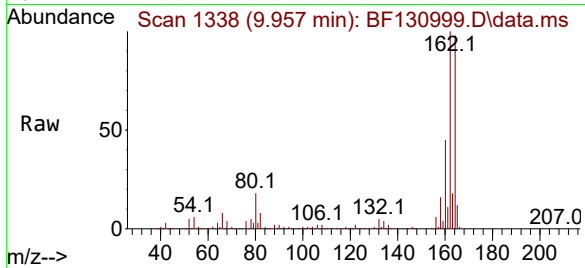




#57
2,4-Dinitrotoluene
Concen: 11.044 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

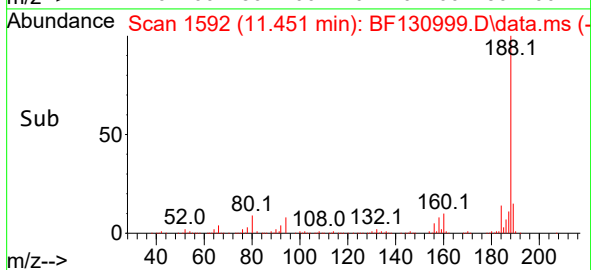
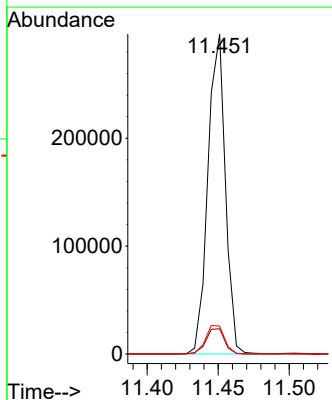
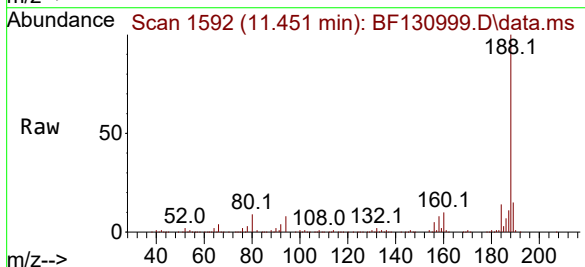
Instrument :
BNA_F
ClientSampleId :
371

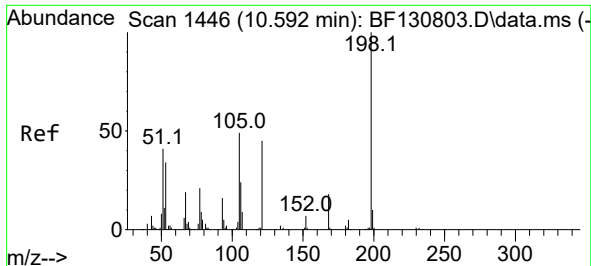
Tgt Ion:165 Resp: 18578
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.9 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion:188 Resp: 253014
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.7 8.0 12.0

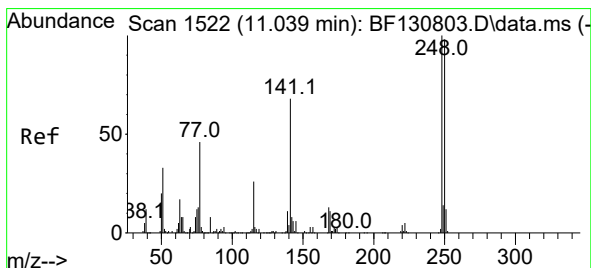
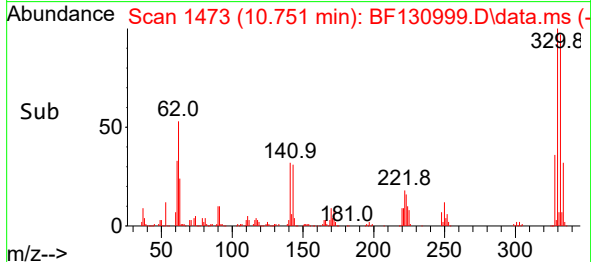
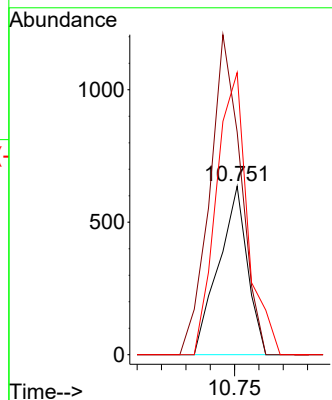
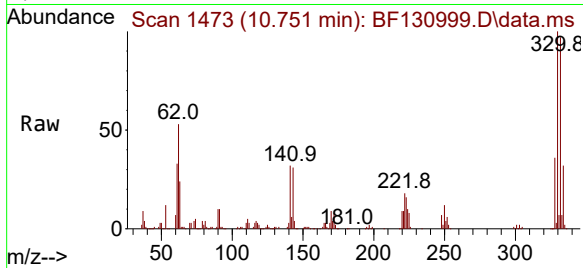




#65
4,6-Dinitro-2-methylphenol
Concen: 8.338 ng
RT: 10.751 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

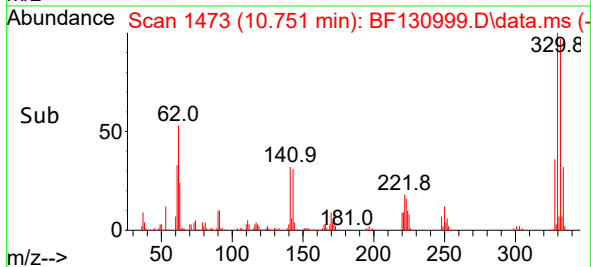
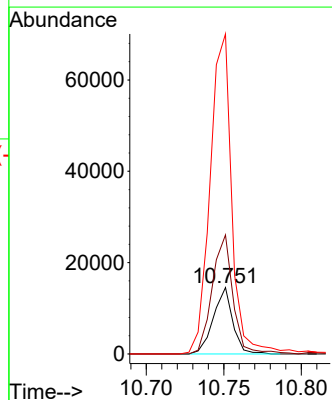
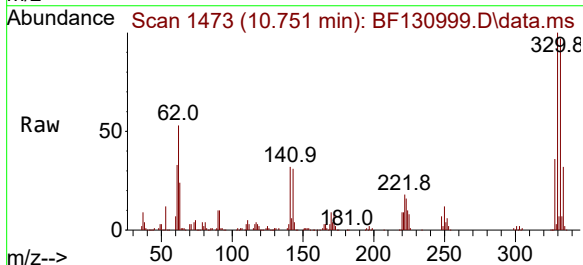
Instrument :
BNA_F
ClientSampleId :
371

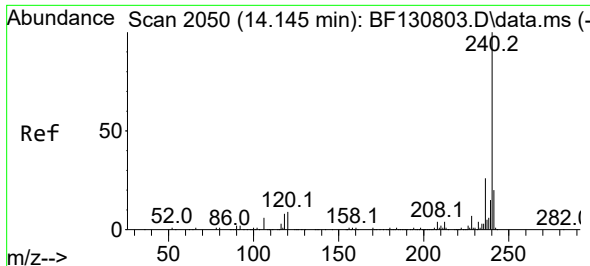
Tgt Ion:198 Resp: 519
Ion Ratio Lower Upper
198 100
51 132.2 39.0 79.0#
105 167.5 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.971 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion:248 Resp: 12649
Ion Ratio Lower Upper
248 100
250 179.3 78.6 117.8#
141 481.8 54.2 81.4#

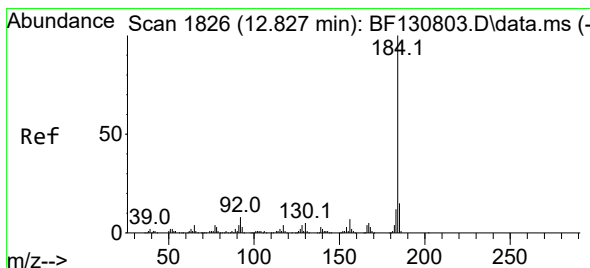
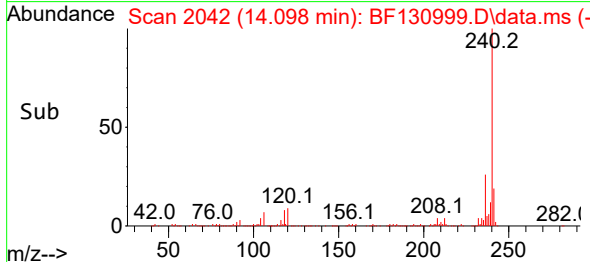
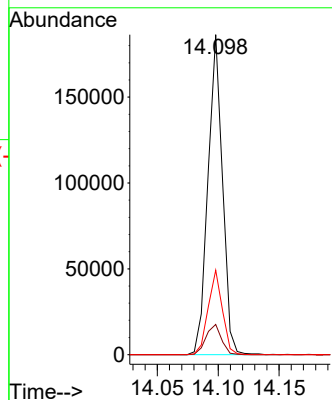
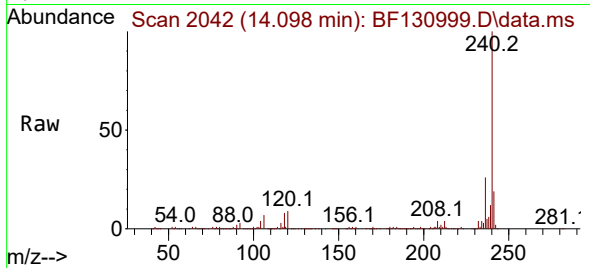




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

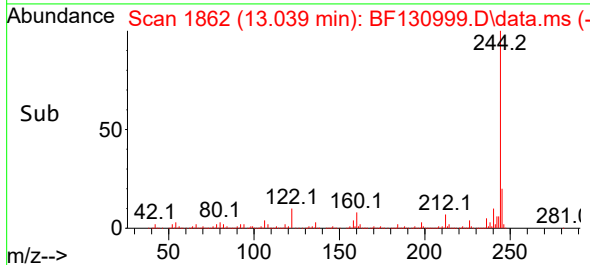
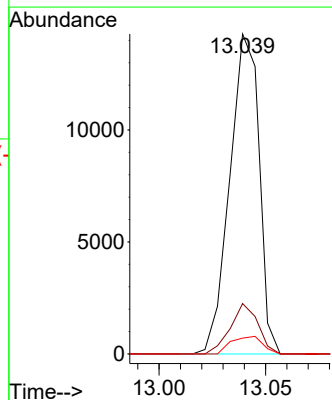
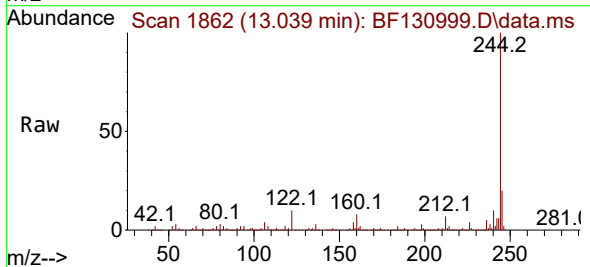
Instrument :
BNA_F
ClientSampleId :
371

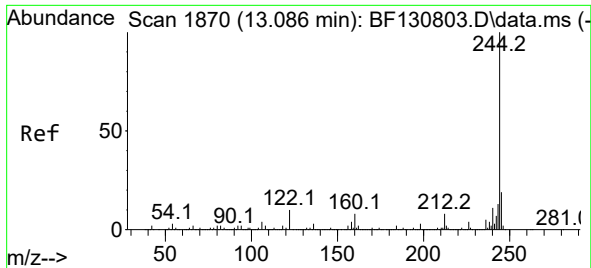
Tgt Ion:240 Resp: 153870
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.4
236 26.4 20.5 30.7



#77
Benzidine
Concen: 3.670 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.247 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion:184 Resp: 13708
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.8
183 4.9 9.7 14.5#

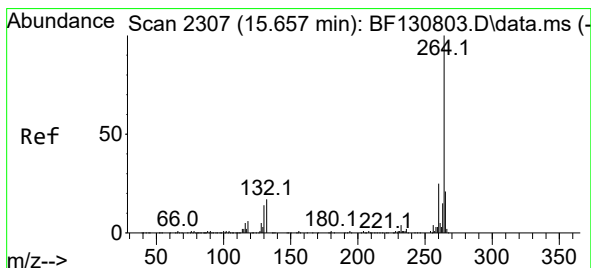
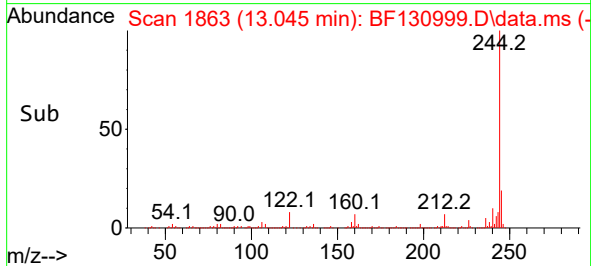
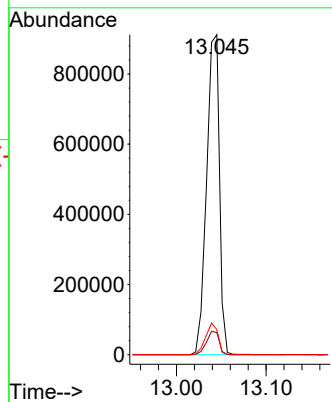
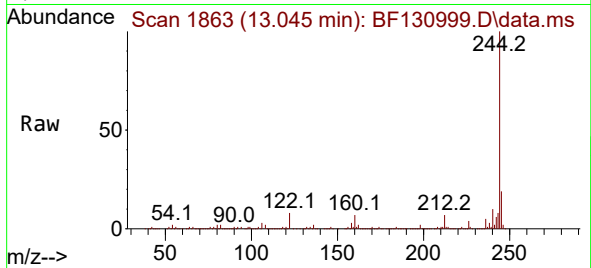




#79
 Terphenyl-d14
 Concen: 107.808 ng
 RT: 13.045 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130999.D
 Acq: 04 Nov 2022 19:45

Instrument :
 BNA_F
 ClientSampleId :
 371

Tgt Ion:244 Resp: 905253
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 7.8 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF130999.D
 Acq: 04 Nov 2022 19:45

Tgt Ion:264 Resp: 151667
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.9 29.9
 265 21.2 17.0 25.6

