

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122402.D
 Acq On : 20 Nov 2020 14:34
 Operator : JU/CG
 Sample : L4809-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-A

Quant Time: Nov 20 15:33:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

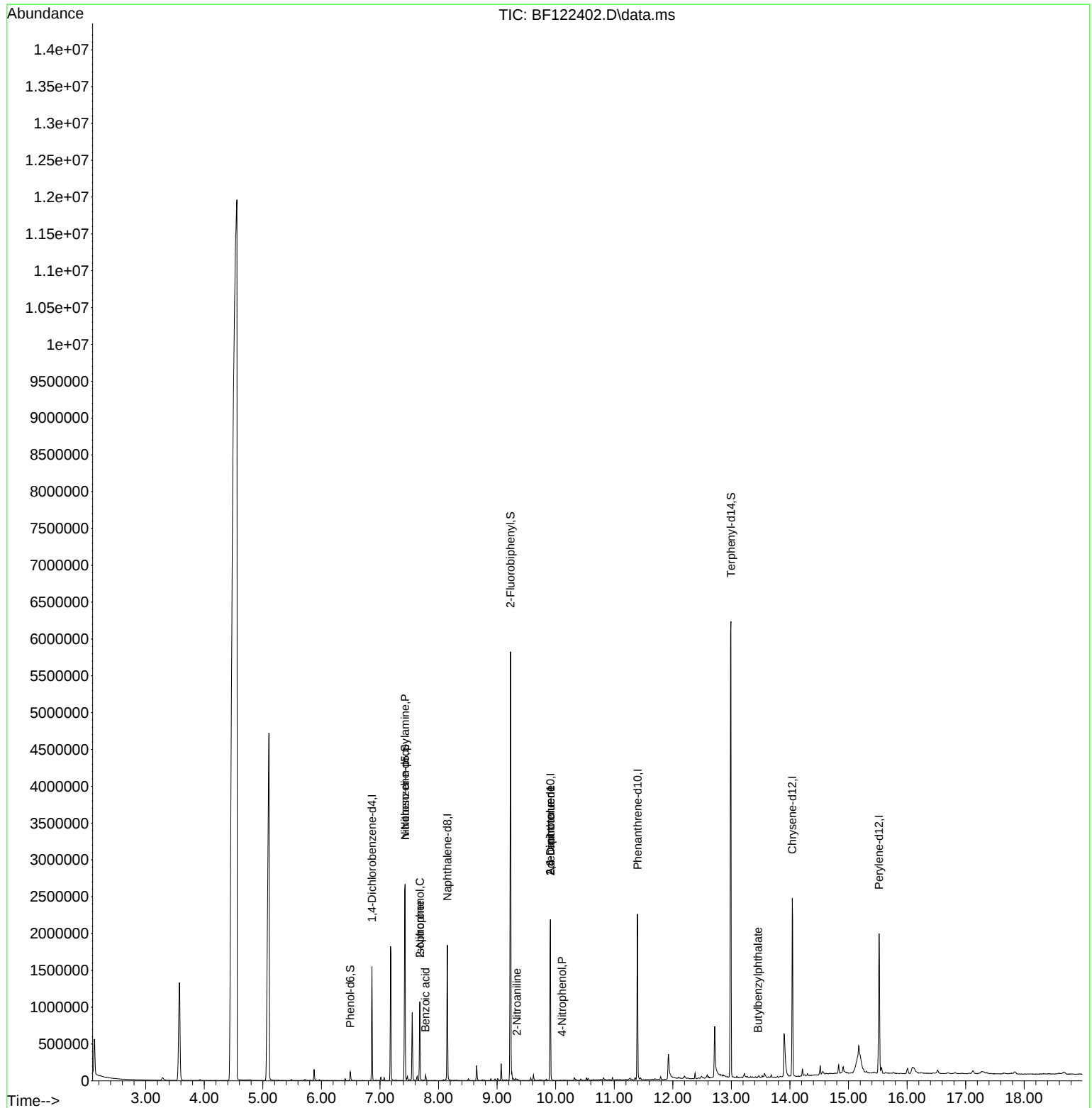
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	205939	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	800020	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	435347	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	832532	20.00	ng	0.00
76) Chrysene-d12	14.039	240	835466	20.00	ng	-0.01
86) Perylene-d12	15.521	264	890811	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	5318	0.40	ng	0.00
7) Phenol-d6	6.493	99	43887	2.50	ng	-0.02
23) Nitrobenzene-d5	7.428	82	917739	70.23	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	107	0.02	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1745311	62.64	ng	0.00
79) Terphenyl-d14	12.992	244	2104721	53.37	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	678	Below Cal	#	46
19) n-Nitroso-di-n-propyla...	7.428	70	123866	11.81	ng	# 72
25) Isophorone	7.681	82	392290	13.47	ng	# 96
26) 2-Nitrophenol	7.681	139	7092	7.75	ng	# 57
32) Benzoic acid	7.775	122	396	8.00	ng	# 6
48) 2-Nitroaniline	9.339	65	221	5.19	ng	# 6
51) 2,6-Dinitrotoluene	9.910	165	55913	11.29	ng	# 20
56) 4-Nitrophenol	10.110	139	151	5.43	ng	# 10
57) 2,4-Dinitrotoluene	9.910	165	55913	10.53	ng	# 20
80) Butylbenzylphthalate	13.457	149	1008	3.33	ng	# 64

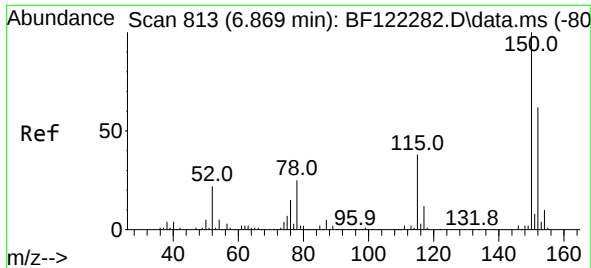
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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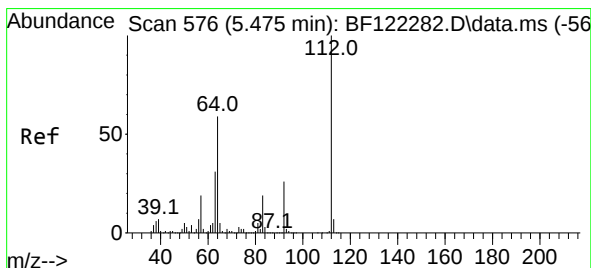
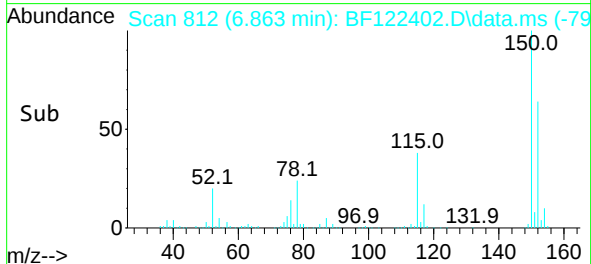
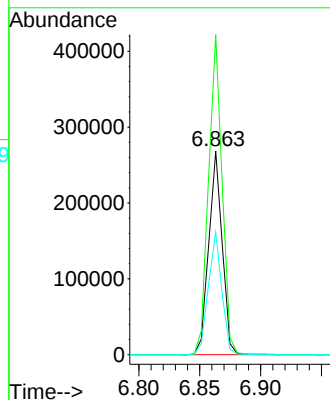
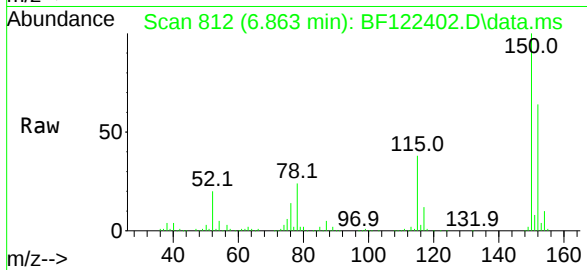




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

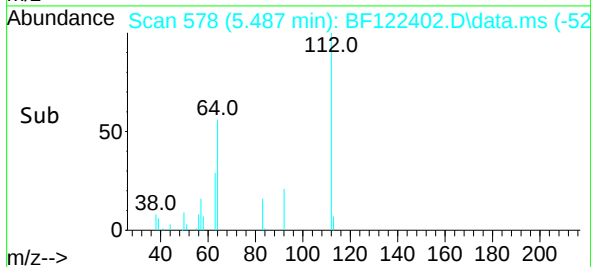
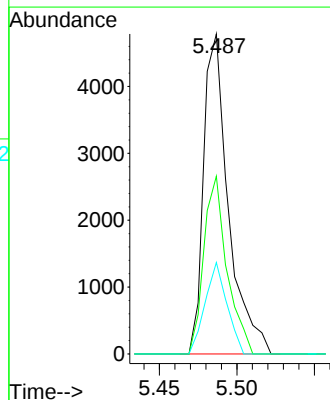
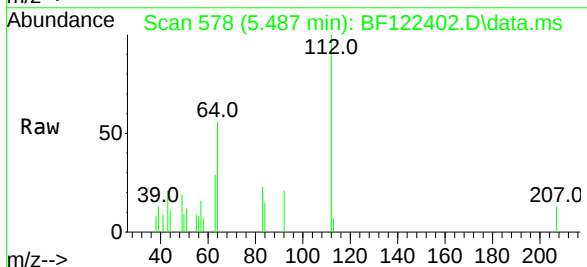
Instrument :
BNA_F
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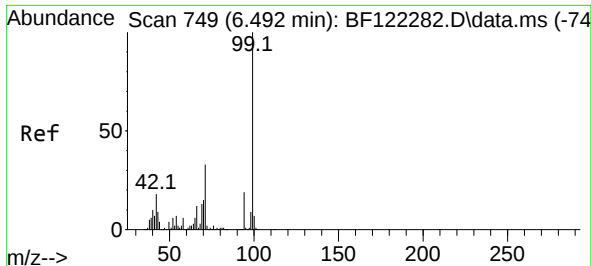
Tgt Ion:152 Resp: 205939
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 60.2 51.9 77.9



#5
2-Fluorophenol
Concen: 0.40 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

Tgt Ion:112 Resp: 5318
Ion Ratio Lower Upper
112 100
64 55.5 50.4 75.6
63 28.6 25.8 38.6

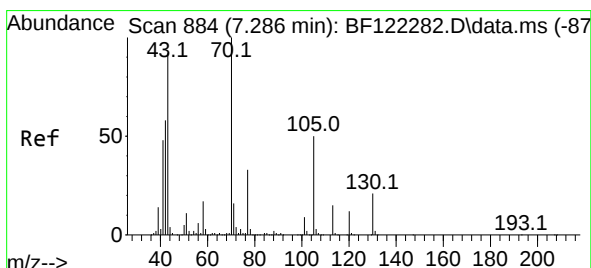
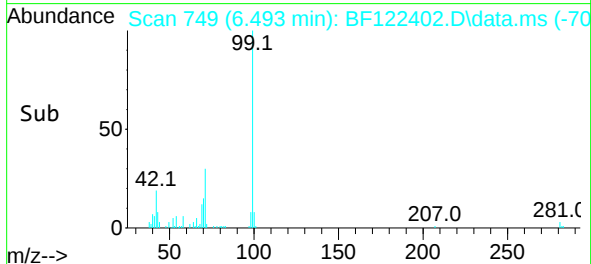
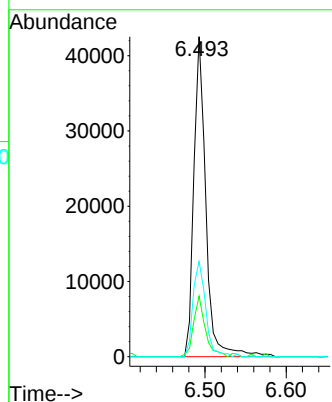
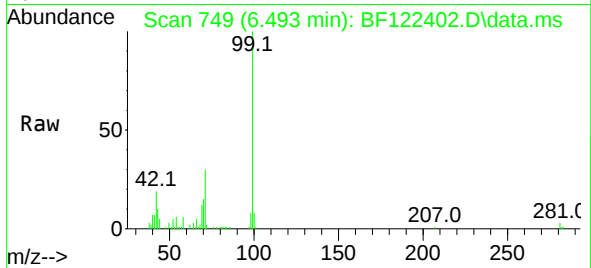




#7
Phenol-d6
Concen: 2.50 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

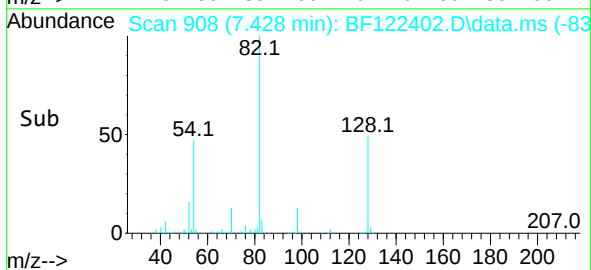
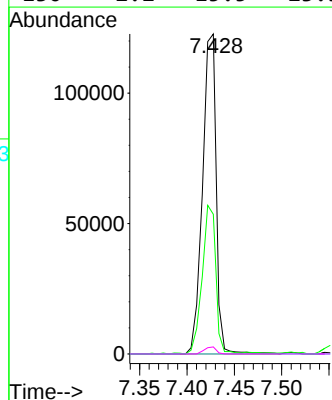
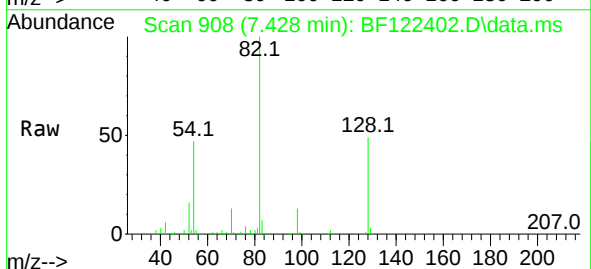
Instrument :
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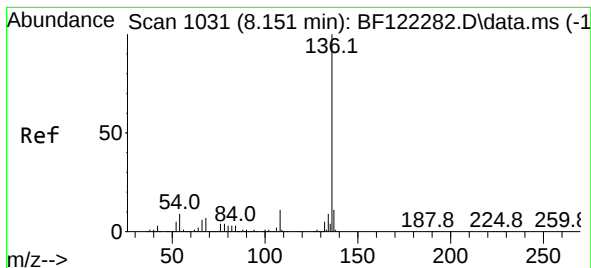
Tgt Ion: 99 Resp: 43887
Ion Ratio Lower Upper
99 100
42 18.9 15.9 23.9
71 29.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.81 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

Tgt Ion: 70 Resp: 123866
Ion Ratio Lower Upper
70 100
42 43.6 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#

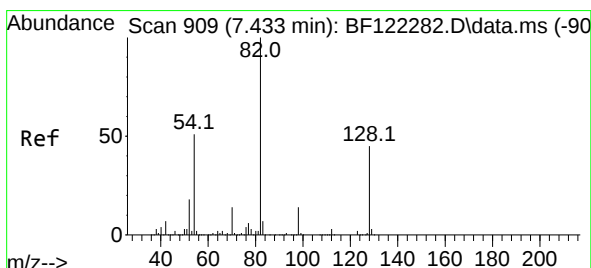
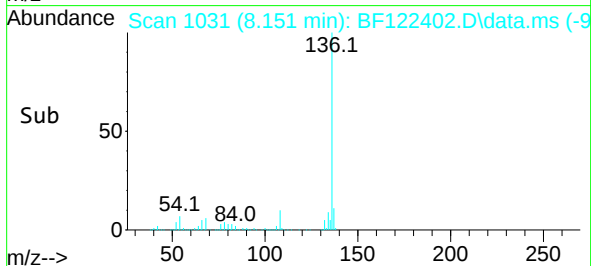
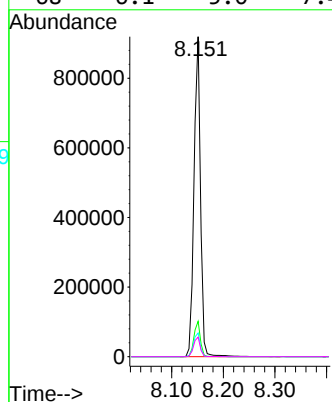
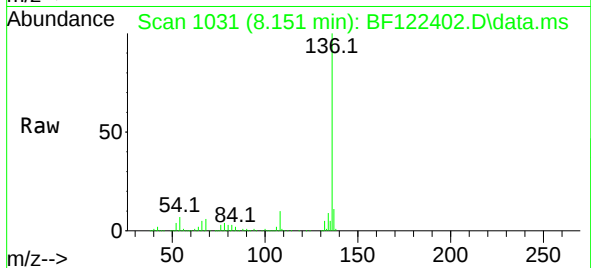




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

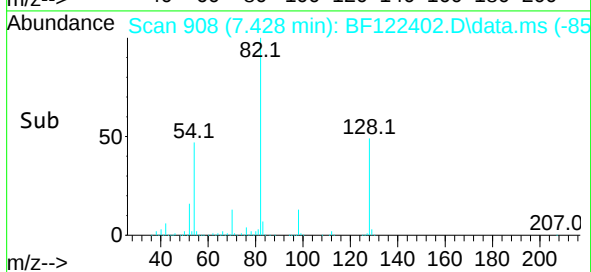
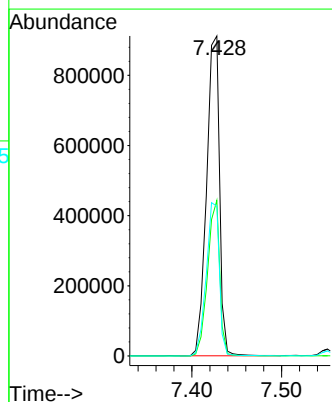
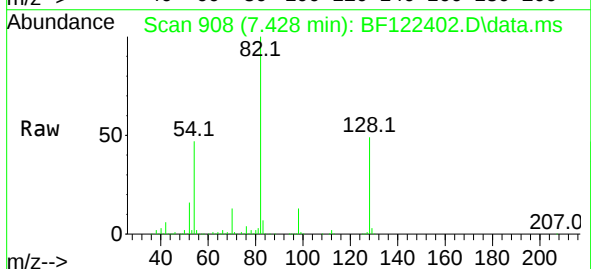
Instrument :
BNA_F
ClientSampleId :
MS-CON-A

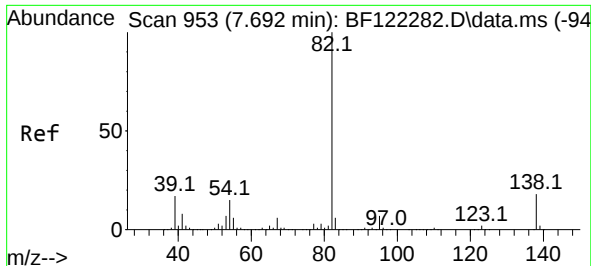
Tgt Ion:	136	Resp:	800020
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.4	7.1	10.7
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 70.23 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

Tgt Ion:	82	Resp:	917739
Ion	Ratio	Lower	Upper
82	100		
128	48.6	35.0	52.4
54	46.8	43.9	65.9

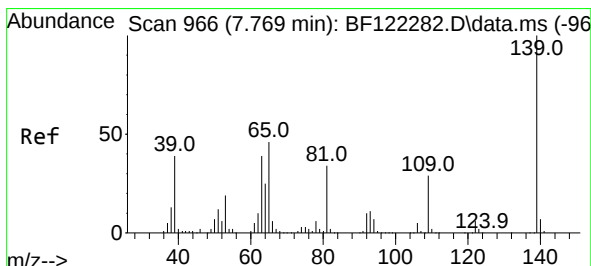
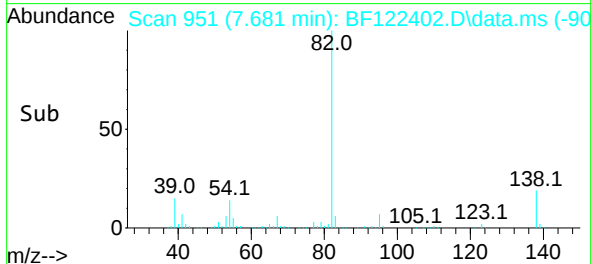
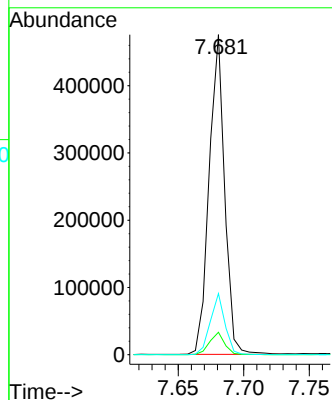
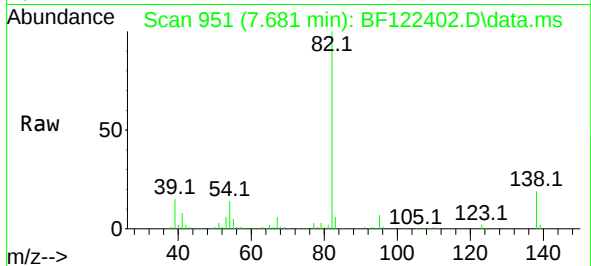




#25
Isophorone
Concen: 13.47 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

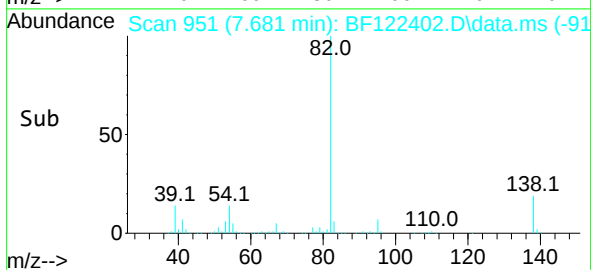
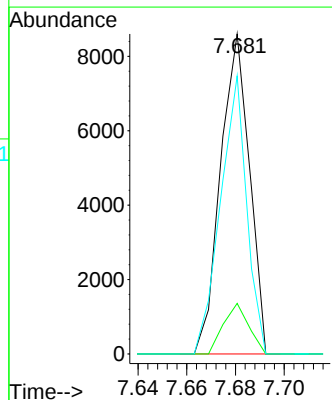
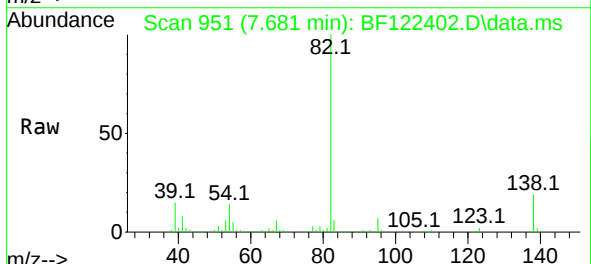
Instrument :
BNA_F
ClientSampleId :
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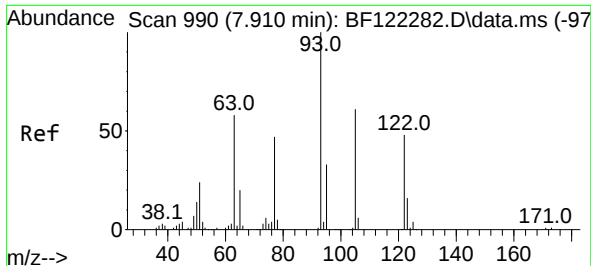
Tgt Ion: 82 Resp: 392290
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 19.1 13.4 20.0



#26
2-Nitrophenol
Concen: 7.75 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.088 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

Tgt Ion:139 Resp: 7092
Ion Ratio Lower Upper
139 100
109 15.8 23.0 34.4#
65 86.9 39.9 59.9#

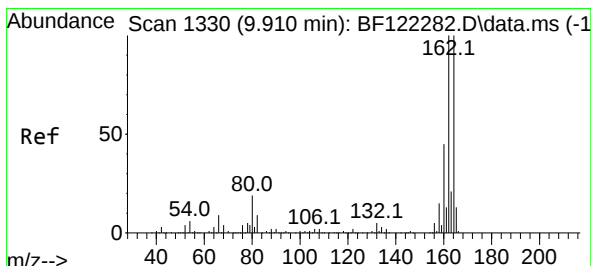
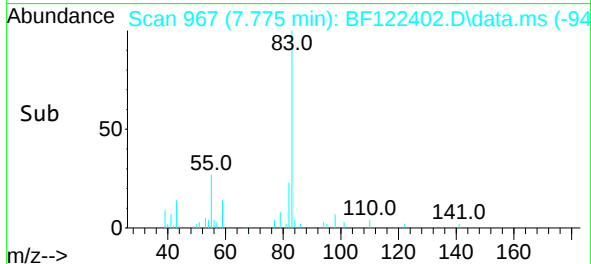
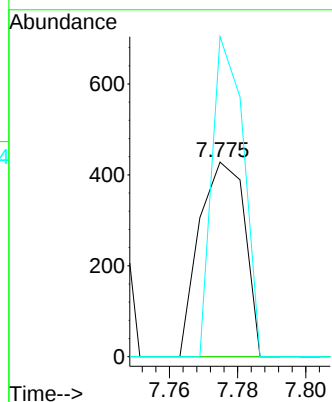
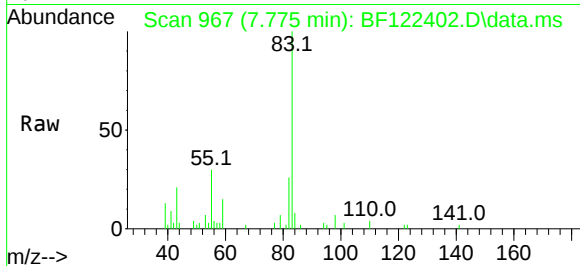




#32
Benzoic acid
Concen: 8.00 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.165 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

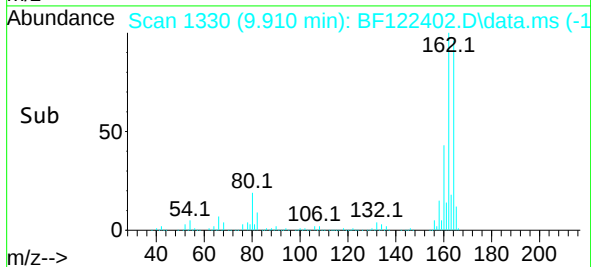
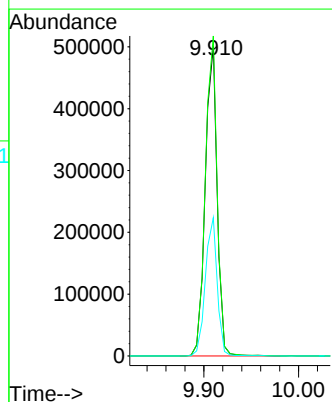
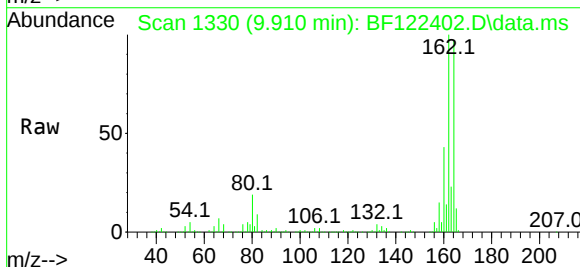
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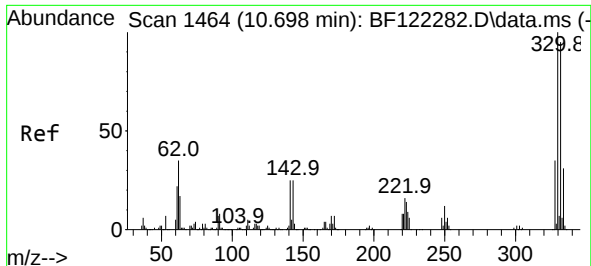
Tgt Ion:122 Resp: 396
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 164.5 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

Tgt Ion:164 Resp: 435347
Ion Ratio Lower Upper
164 100
162 103.3 83.2 124.8
160 44.6 37.5 56.3

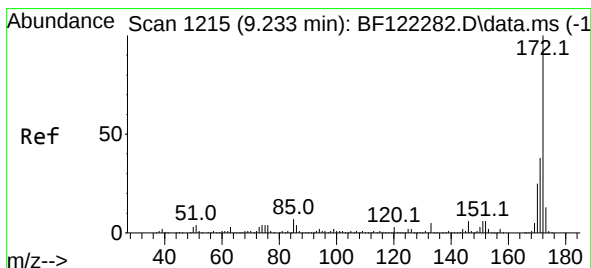
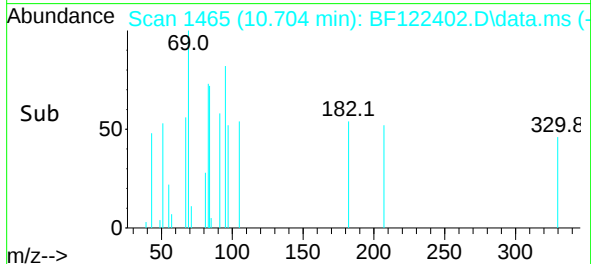
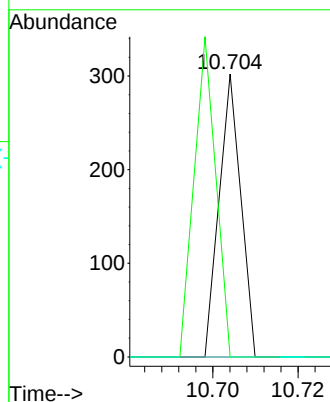
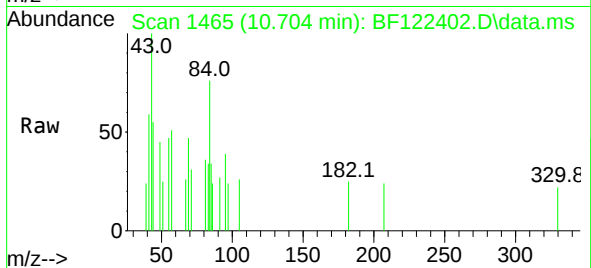




#42
2,4,6-Tribromophenol
Concen: 0.02 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

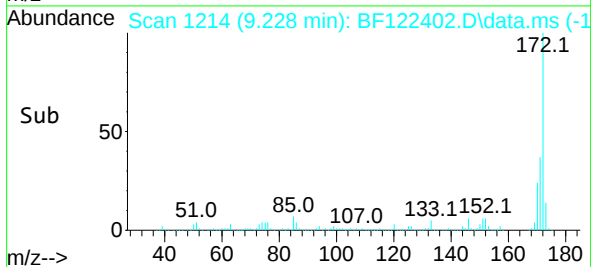
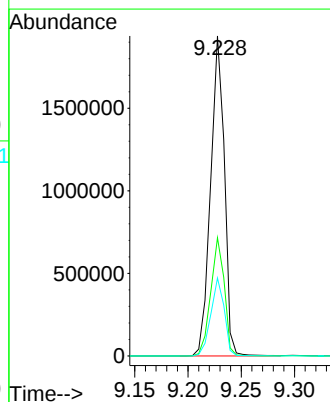
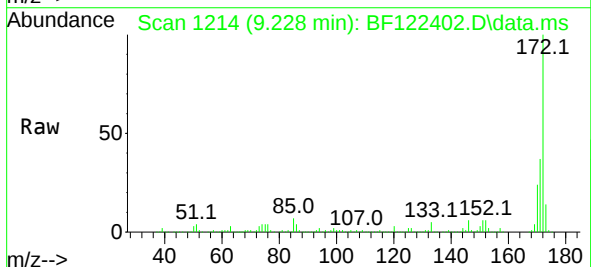
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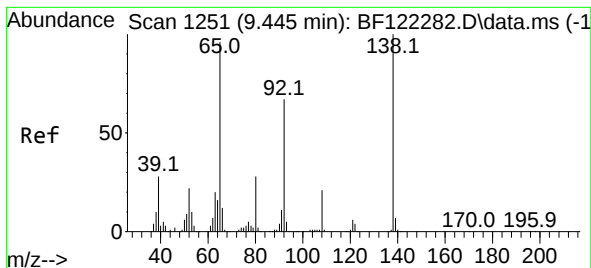
Tgt Ion: 330 Resp: 107
Ion Ratio Lower Upper
330 100
332 113.1 77.3 115.9
141 0.0 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 62.64 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

Tgt Ion: 172 Resp: 1745311
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 24.4 19.8 29.6





#48

2-Nitroaniline

Concen: 5.19 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.118 min

Lab File: BF122402.D

Acq: 20 Nov 2020 14:34

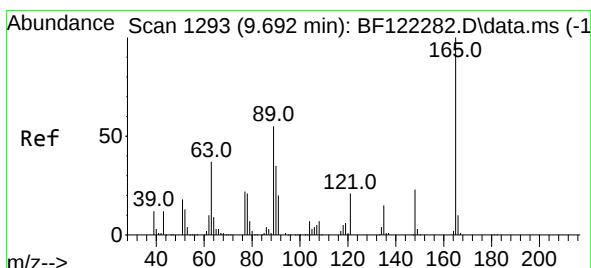
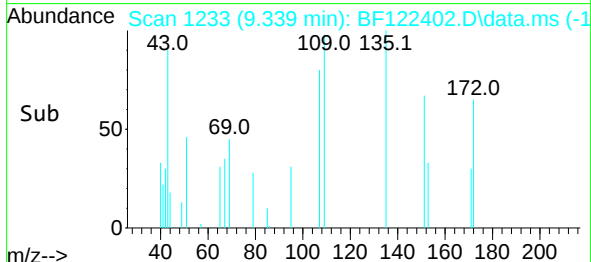
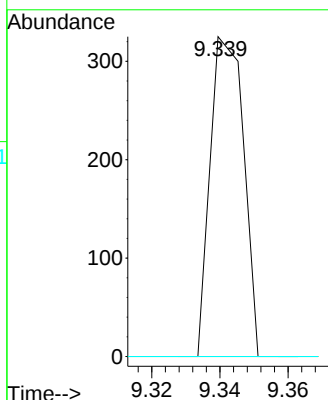
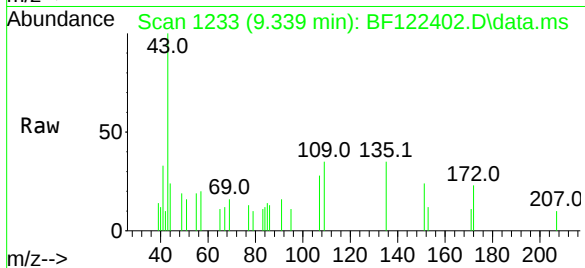
Instrument :

BNA_F

ClientSampleId :

MS-CON-A

Tgt Ion:	65	Resp:	221
Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.1	82.7#
138	0.0	80.5	120.7#



#51

2,6-Dinitrotoluene

Concen: 11.29 ng

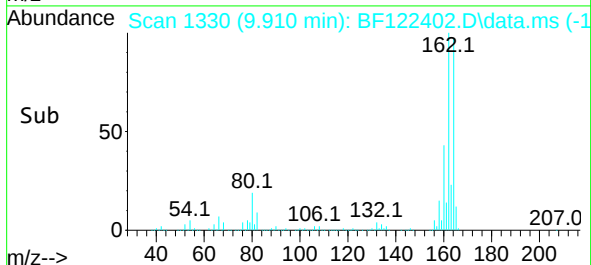
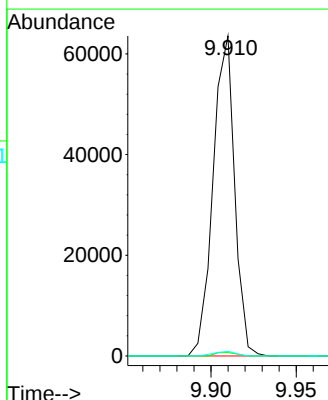
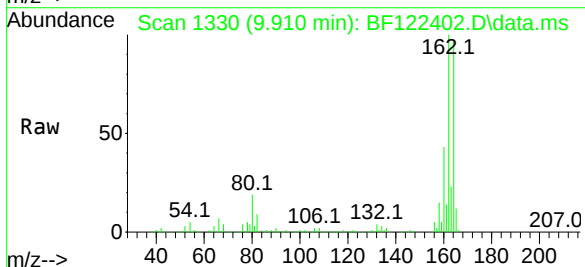
RT: 9.910 min Scan# 1330

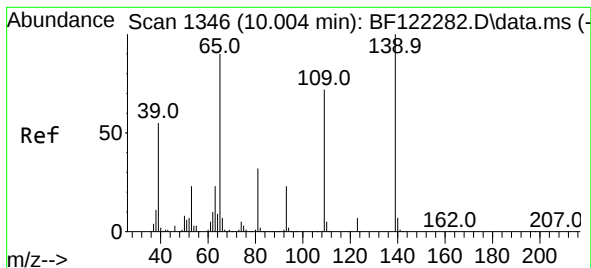
Delta R.T. 0.212 min

Lab File: BF122402.D

Acq: 20 Nov 2020 14:34

Tgt Ion:	165	Resp:	55913
Ion	Ratio	Lower	Upper
165	100		
63	1.0	51.8	77.6#
89	1.5	49.0	73.6#

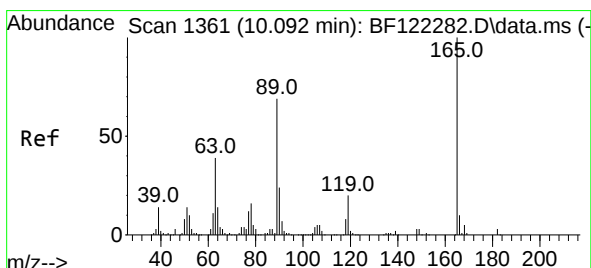
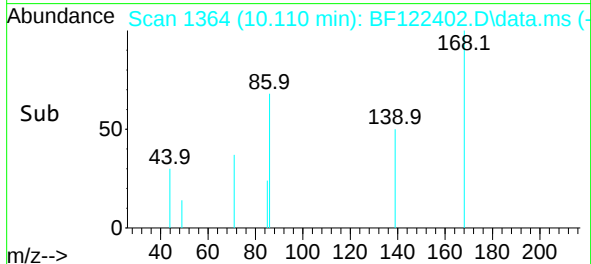
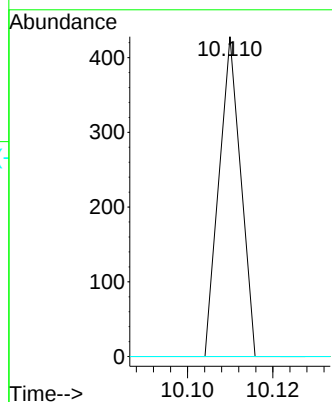
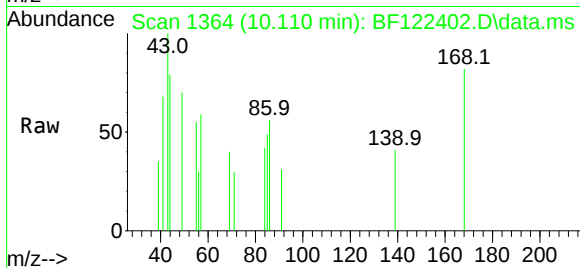




#56
4-Nitrophenol
Concen: 5.43 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.082 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

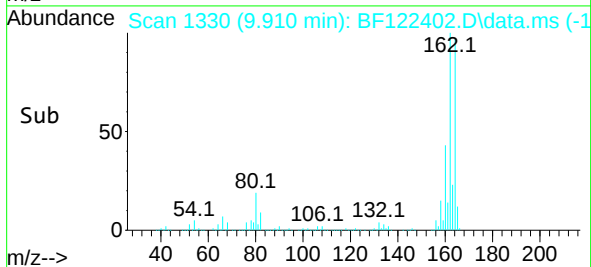
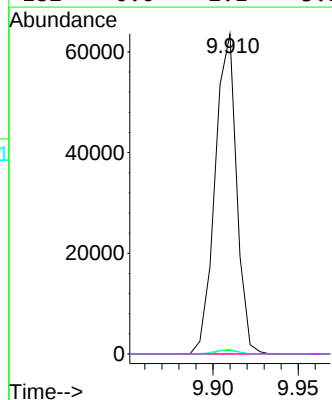
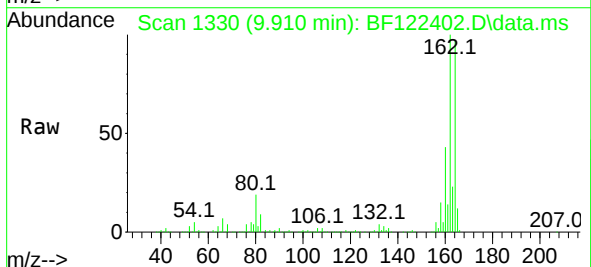
Instrument :
BNA_F
ClientSampleId :
MS-CON-A

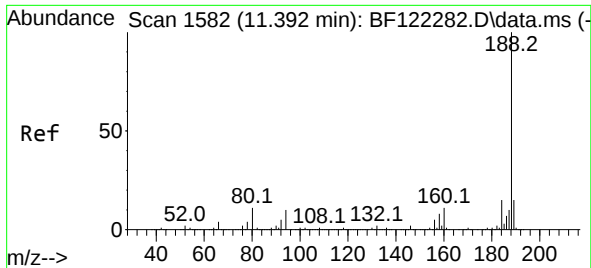
Tgt Ion:139 Resp: 151
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.53 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

Tgt Ion:165 Resp: 55913
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

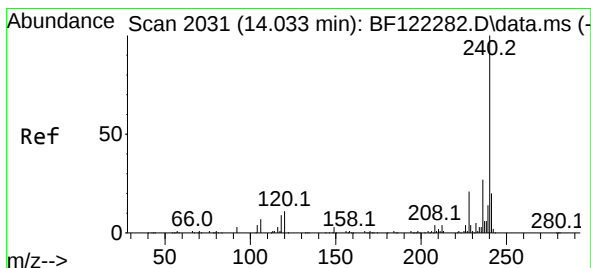
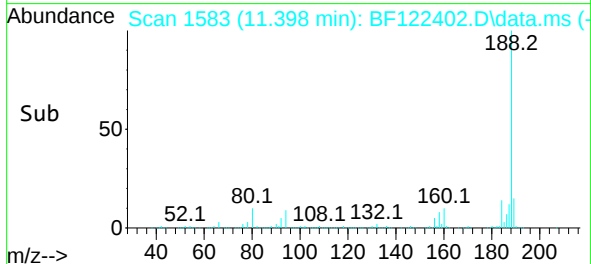
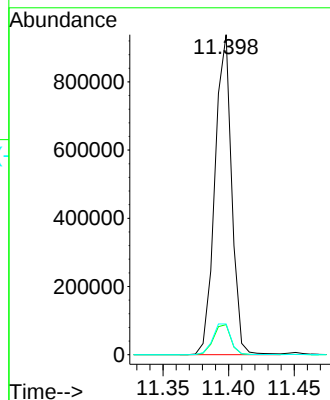
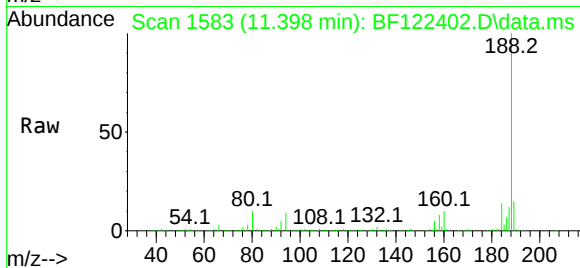




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

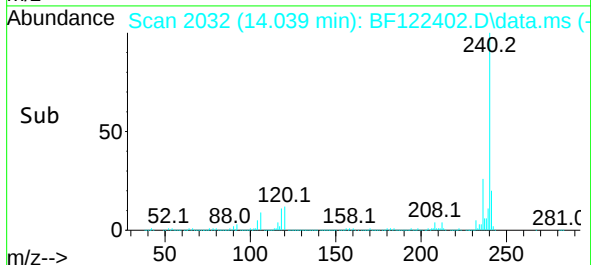
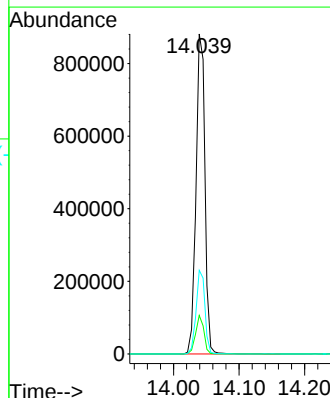
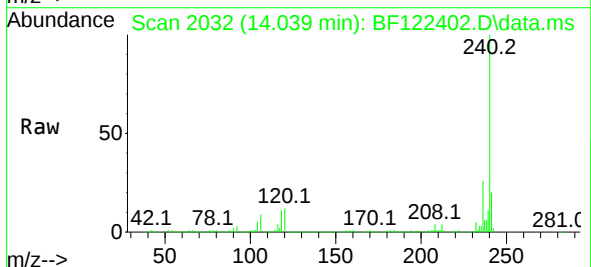
Instrument :
BNA_F
ClientSampleId :
MS-CON-A

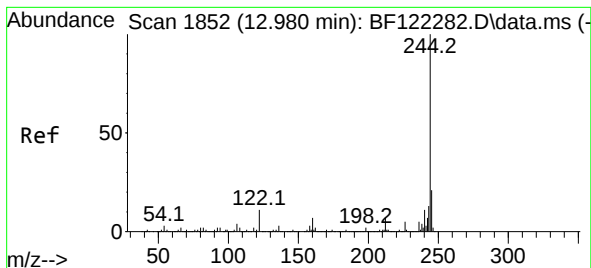
Tgt Ion:188 Resp: 832532
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 9.6 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

Tgt Ion:240 Resp: 835466
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 53.37 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF122402.D

Acq: 20 Nov 2020 14:34

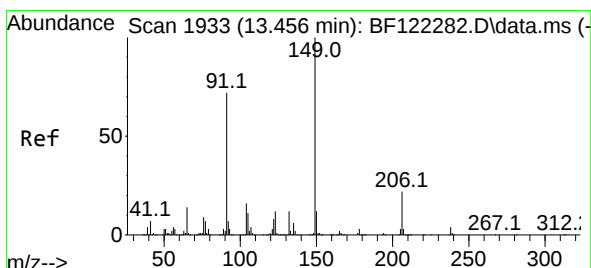
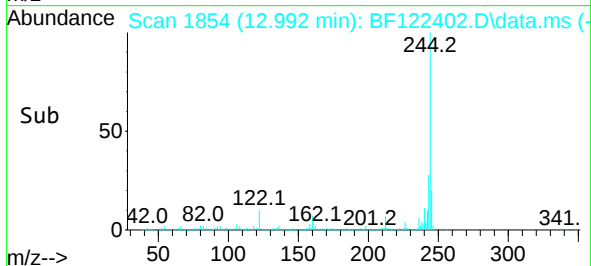
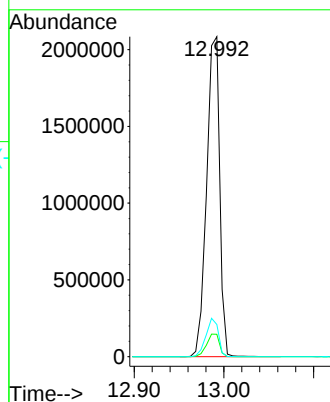
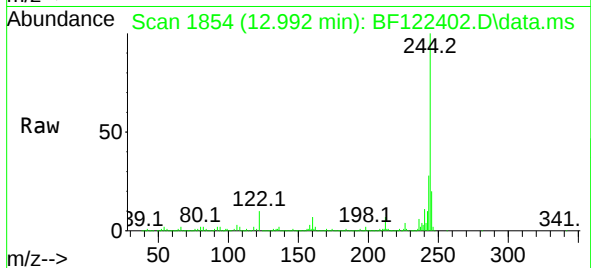
Tgt Ion:244 Resp: 2104721

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.0 8.1 12.1



#80

Butylbenzylphthalate

Concen: 3.33 ng

RT: 13.457 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF122402.D

Acq: 20 Nov 2020 14:34

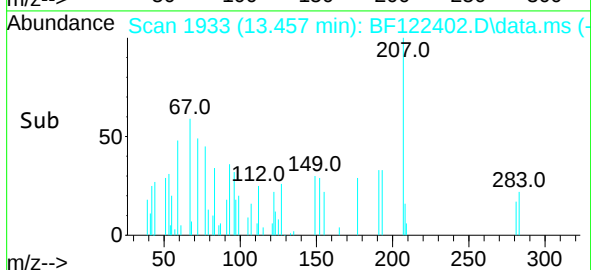
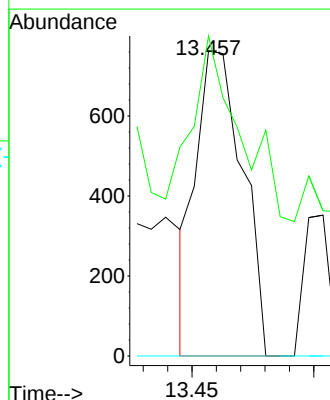
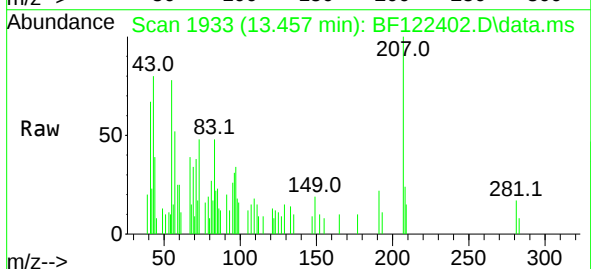
Tgt Ion:149 Resp: 1008

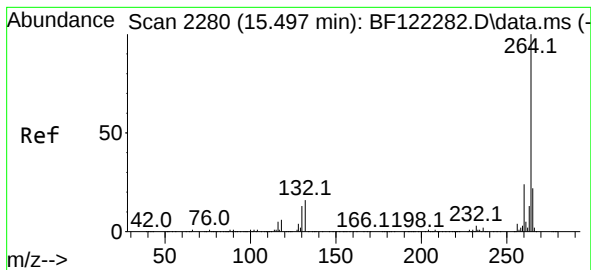
Ion Ratio Lower Upper

149 100

91 105.0 61.0 91.4#

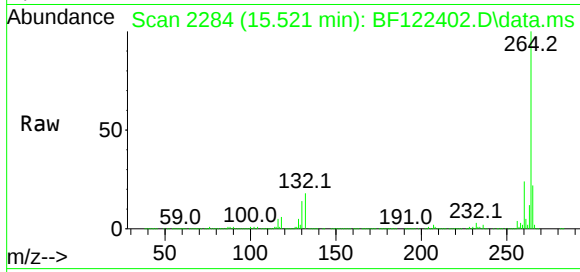
206 0.0 16.7 25.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122402.D
Acq: 20 Nov 2020 14:34

Instrument :
BNA_F
ClientSampleId :
MS-CON-A



Tgt Ion:264 Resp: 890811

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.1	17.3	25.9

