

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122488.D
 Acq On : 25 Nov 2020 16:57
 Operator : JU/CG
 Sample : L4845-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH-TP

Quant Time: Nov 25 17:25:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

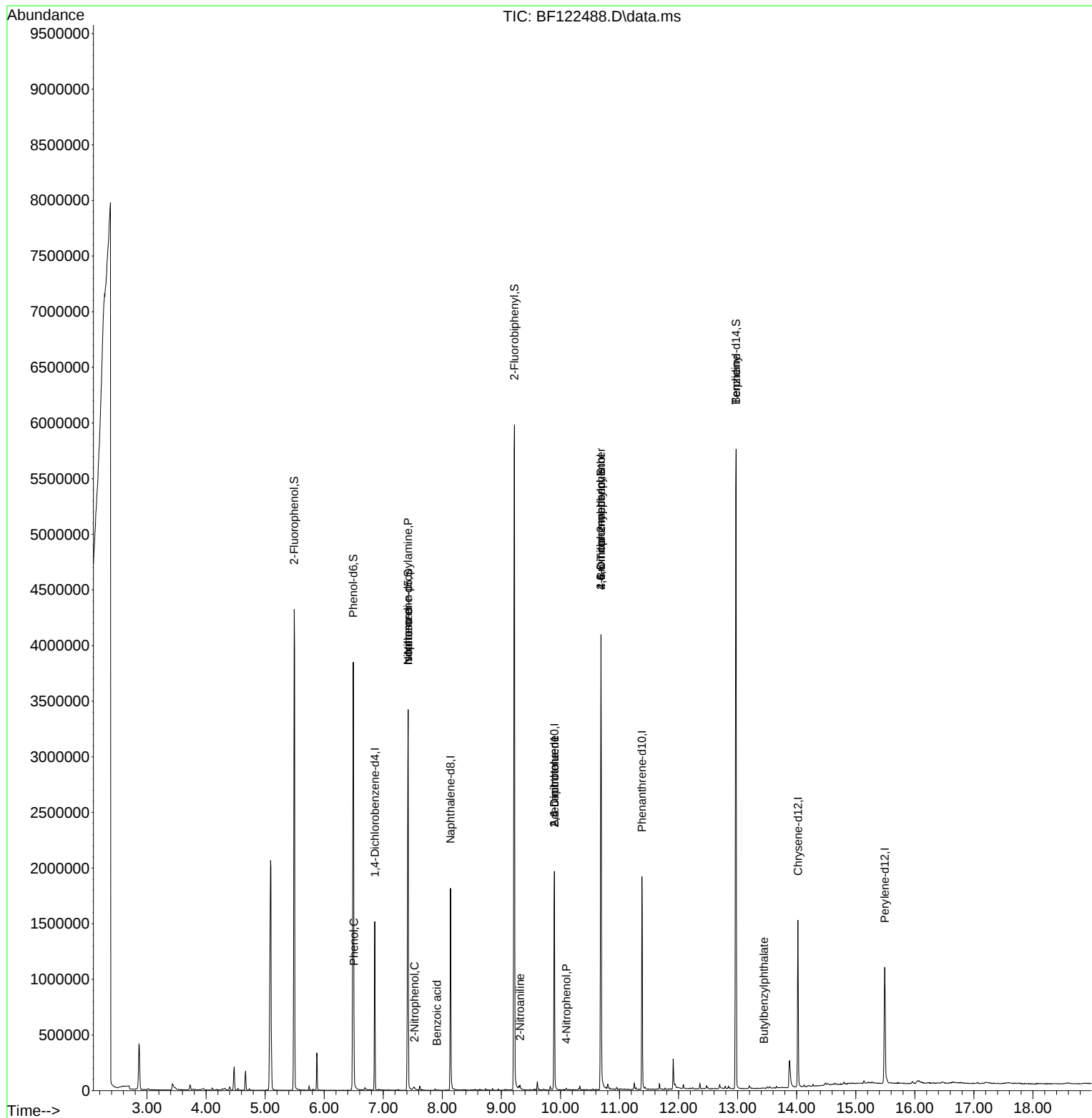
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	203815	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	785496	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	417160	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	707733	20.00	ng	0.00
76) Chrysene-d12	14.021	240	488411	20.00	ng	-0.01
86) Perylene-d12	15.492	264	516990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1337268	100.75	ng	0.01
7) Phenol-d6	6.492	99	1514580	87.22	ng	0.00
23) Nitrobenzene-d5	7.422	82	1195864	93.20	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	587725	131.27	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2178658	81.60	ng	0.00
79) Terphenyl-d14	12.974	244	2033004	88.18	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	232	Below Cal	#	6
10) Phenol	6.504	94	106219	6.21	ng	79
19) n-Nitroso-di-n-propyla...	7.422	70	162846	15.69	ng	# 73
25) Isophorone	7.422	82	1184036	41.39	ng	# 67
26) 2-Nitrophenol	7.528	139	128	6.83	ng	# 34
32) Benzoic acid	7.910	122	139	7.98	ng	# 79
48) 2-Nitroaniline	9.316	65	167	5.19	ng	# 6
51) 2,6-Dinitrotoluene	9.898	165	53490	11.28	ng	# 20
56) 4-Nitrophenol	10.098	139	196	5.43	ng	# 10
57) 2,4-Dinitrotoluene	9.898	165	53490	10.52	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1090	6.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	37907	4.56	ng	# 1
77) Benzidine	12.974	184	27126	2.00	ng	# 89
80) Butylbenzylphthalate	13.445	149	676	3.33	ng	# 86

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

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Misc :
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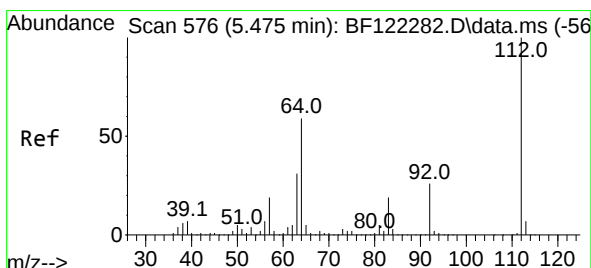
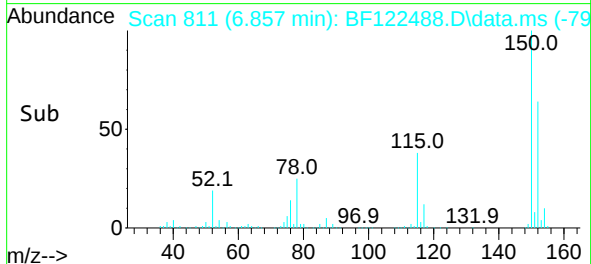
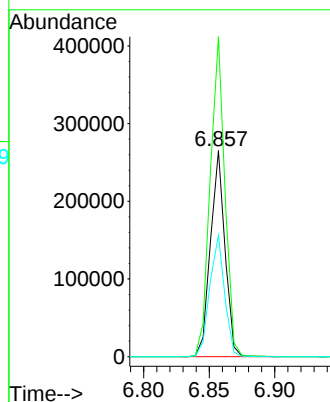
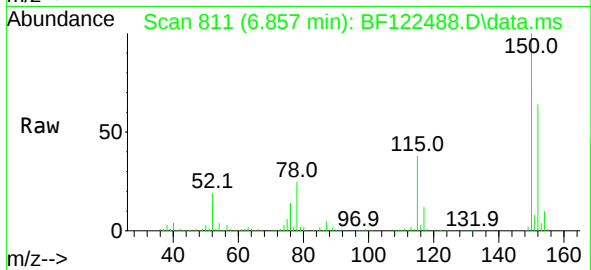




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

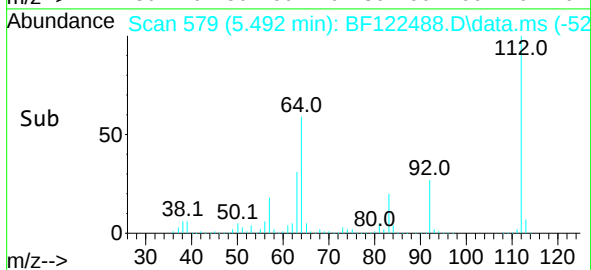
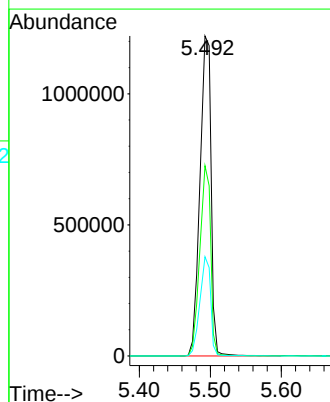
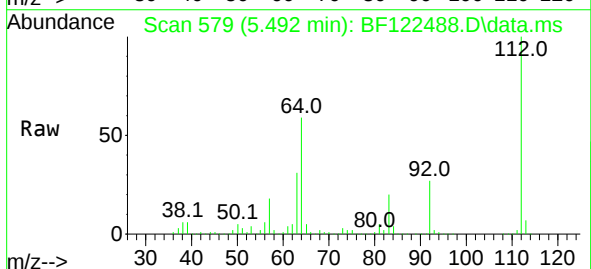
Instrument :
BNA_F
ClientSampled :
PH-TP

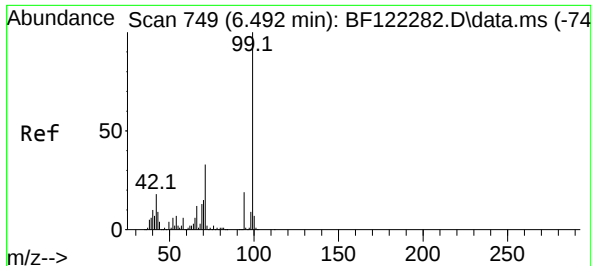
Tgt Ion:152 Resp: 203815
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 58.9 51.9 77.9



#5
2-Fluorophenol
Concen: 100.75 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

Tgt Ion:112 Resp: 1337268
Ion Ratio Lower Upper
112 100
64 59.5 50.4 75.6
63 31.0 25.8 38.6

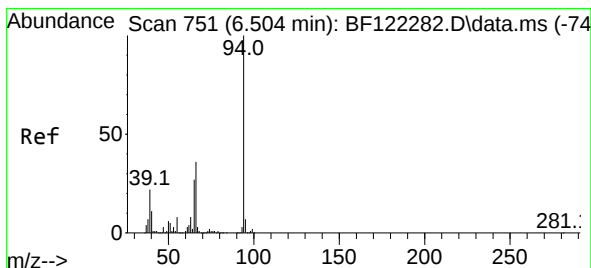
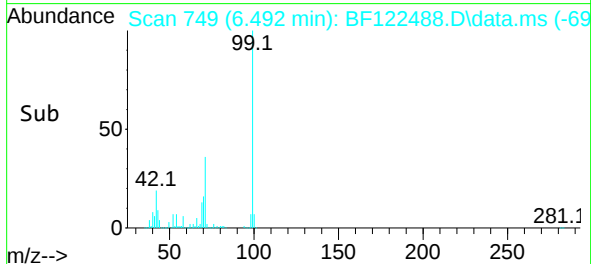
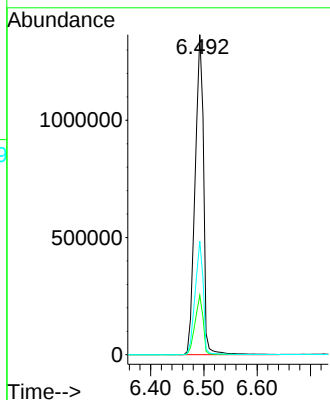
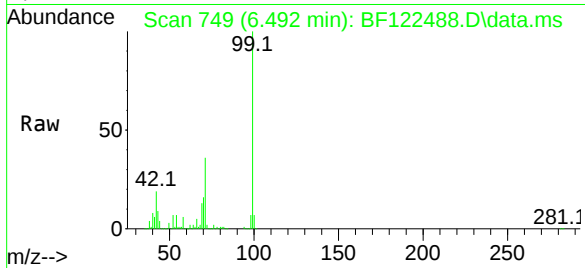




#7
Phenol-d6
Concen: 87.22 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

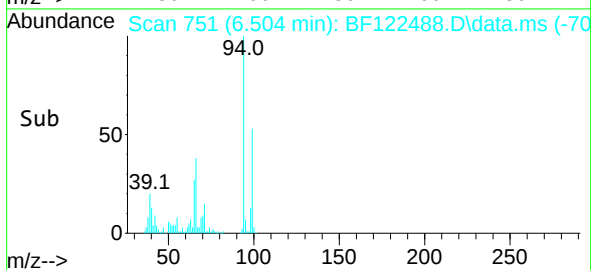
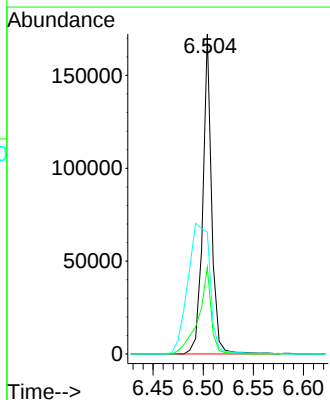
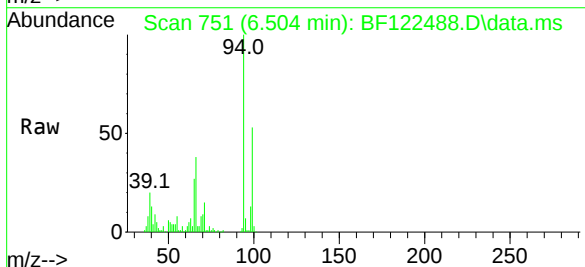
Instrument :
BNA_F
ClientSampleId :
PH-TP

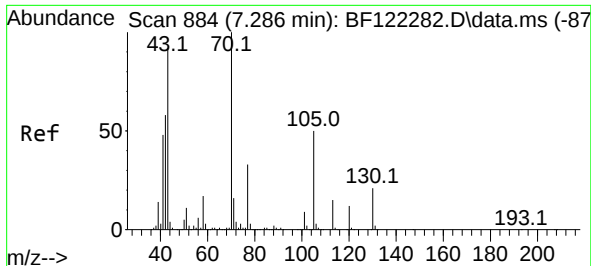
Tgt Ion: 99 Resp: 1514580
Ion Ratio Lower Upper
99 100
42 18.6 15.9 23.9
71 35.5 27.1 40.7



#10
Phenol
Concen: 6.21 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

Tgt Ion: 94 Resp: 106219
Ion Ratio Lower Upper
94 100
65 27.1 17.1 57.1
66 38.1 36.0 76.0

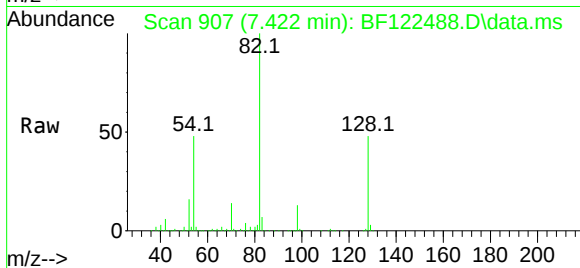




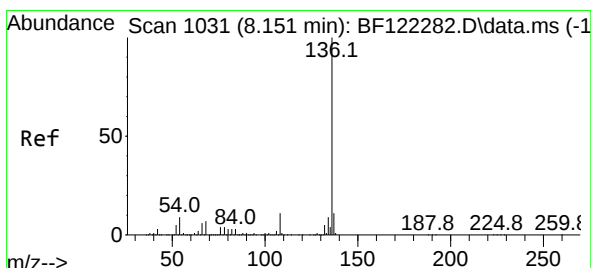
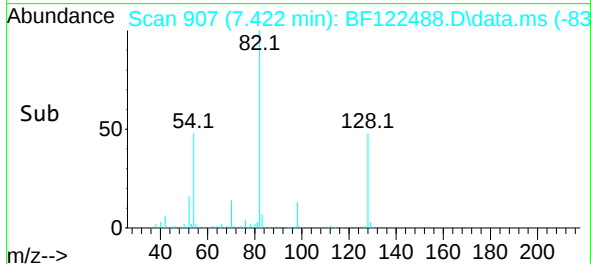
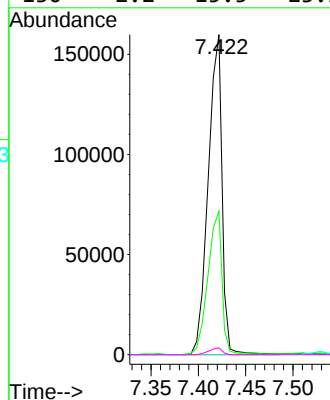
#19

n-Nitroso-di-n-propylamine
Concen: 15.69 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

Instrument :
BNA_F
ClientSampled :
PH-TP

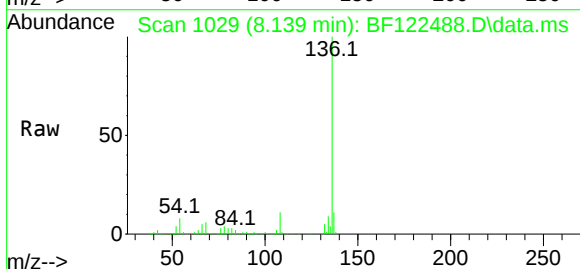


Tgt Ion:	70	Resp:	162846
Ion	Ratio	Lower	Upper
70	100		
42	44.9	50.2	75.4#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#

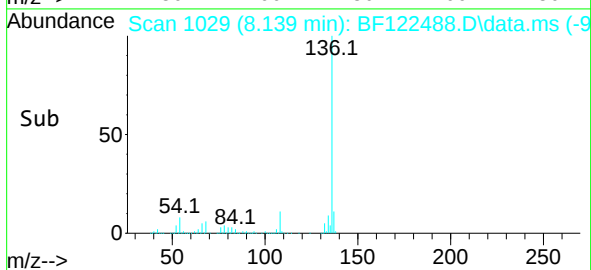
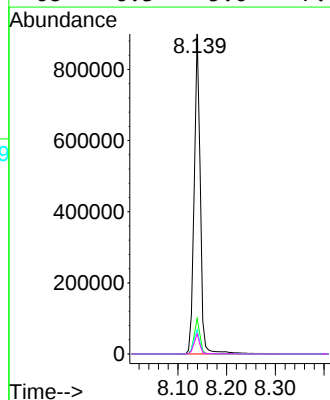


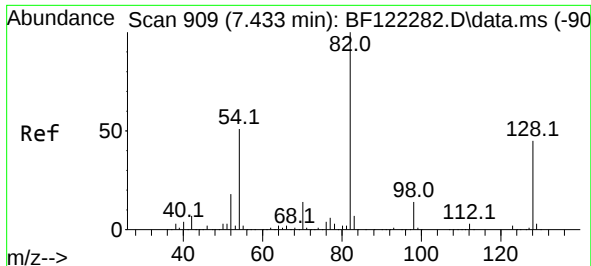
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57



Tgt Ion:	136	Resp:	785496
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.5	7.1	10.7
68	6.3	5.0	7.4





#23

Nitrobenzene-d5

Concen: 93.20 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF122488.D

Acq: 25 Nov 2020 16:57

Tgt Ion: 82 Resp: 1195864

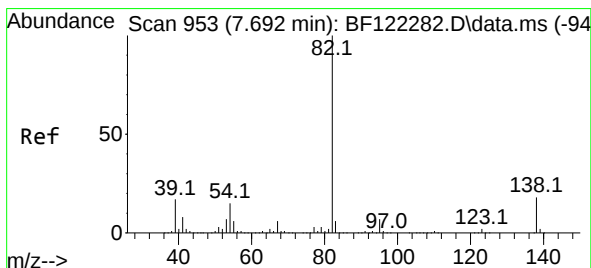
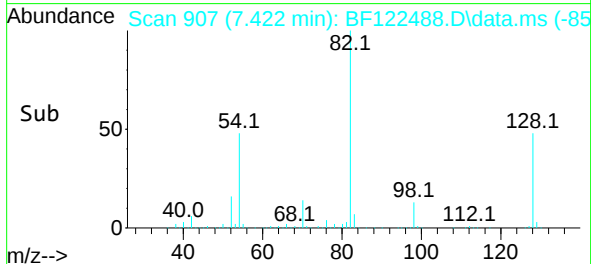
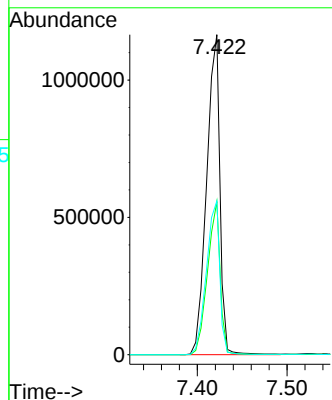
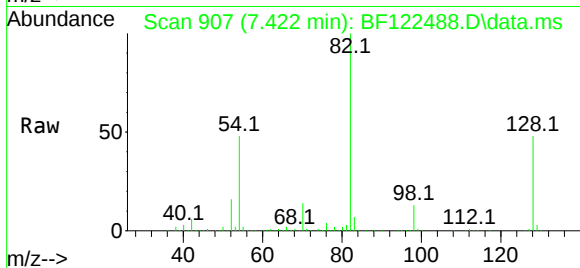
Ion	Ratio	Lower	Upper
82	100		
128	47.8	35.0	52.4
54	48.0	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

PH-TP



#25

Isophorone

Concen: 41.39 ng

RT: 7.422 min Scan# 907

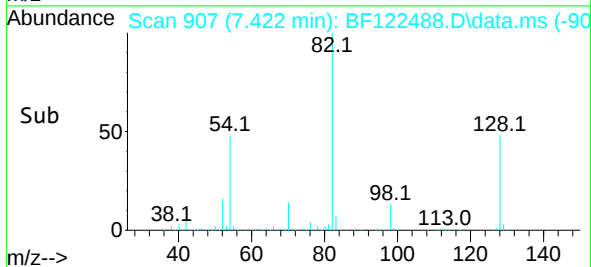
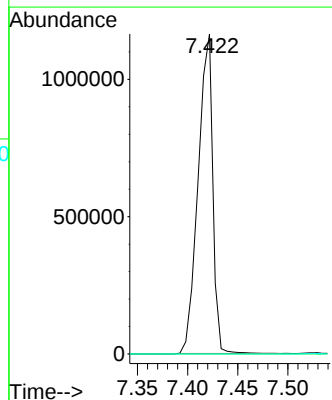
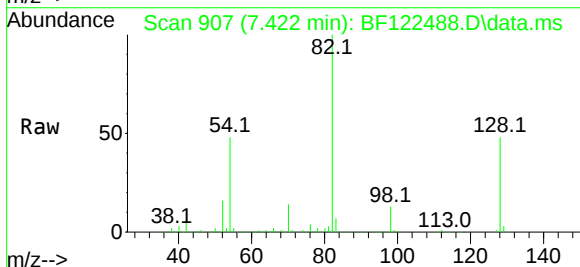
Delta R.T. -0.265 min

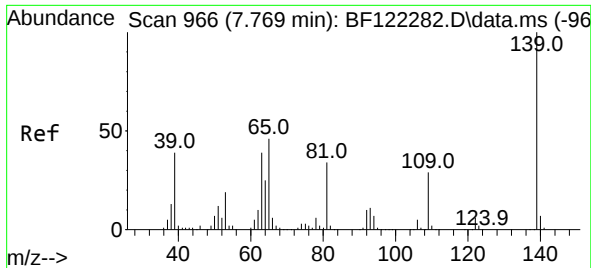
Lab File: BF122488.D

Acq: 25 Nov 2020 16:57

Tgt Ion: 82 Resp: 1184036

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

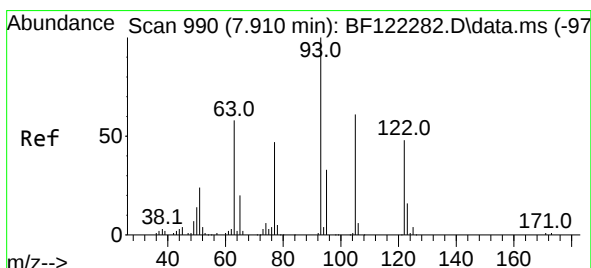
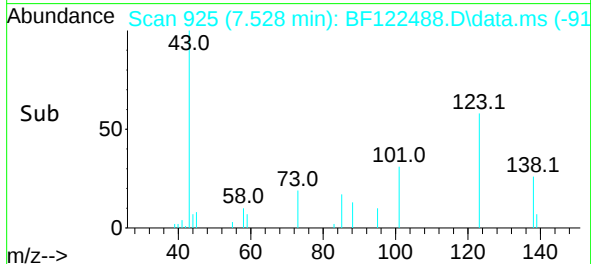
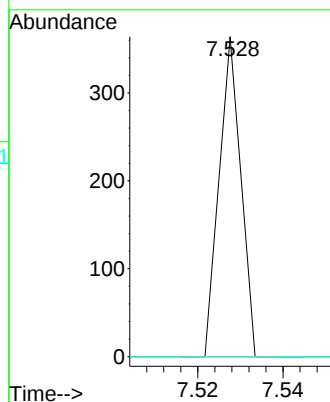
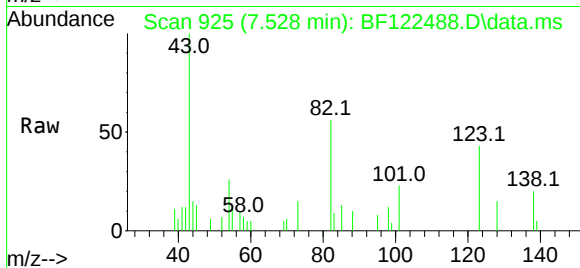




#26
2-Nitrophenol
Concen: 6.83 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.230 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

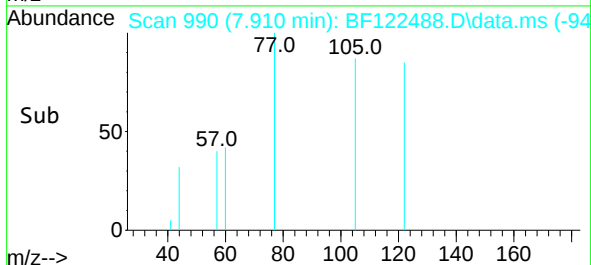
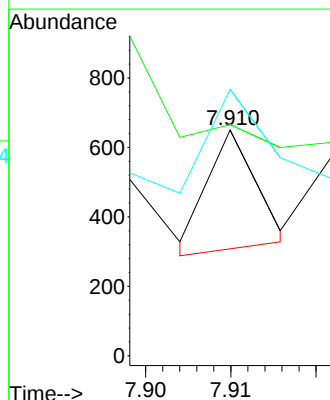
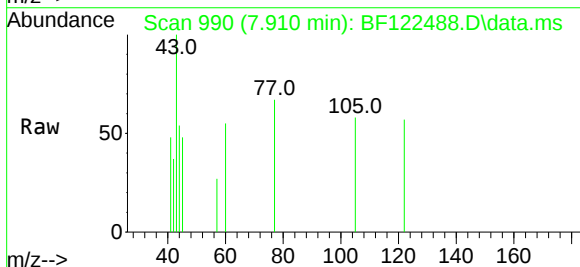
Instrument :
BNA_F
ClientSampled :
PH-TP

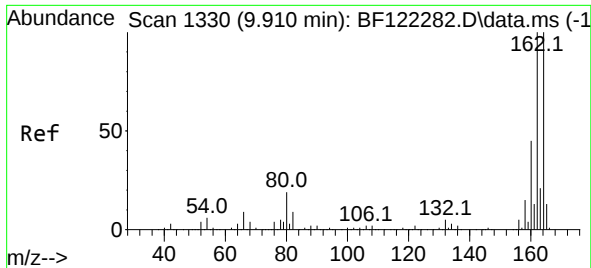
Tgt Ion:139 Resp: 128
Ion Ratio Lower Upper
139 100
109 0.0 23.0 34.4#
65 0.0 39.9 59.9#



#32
Benzoic acid
Concen: 7.98 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.024 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

Tgt Ion:122 Resp: 139
Ion Ratio Lower Upper
122 100
105 102.5 103.3 143.3#
77 118.0 73.9 113.9#

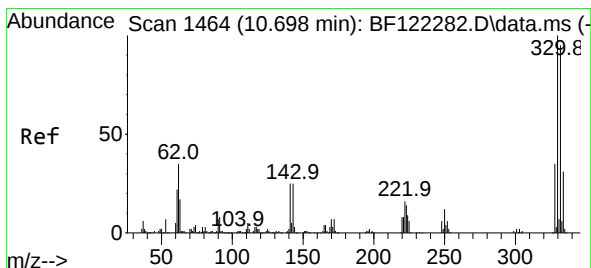
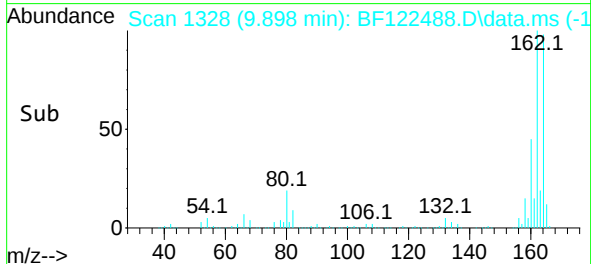
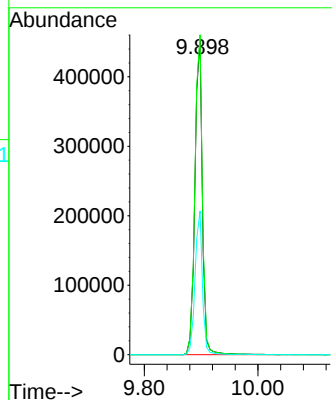
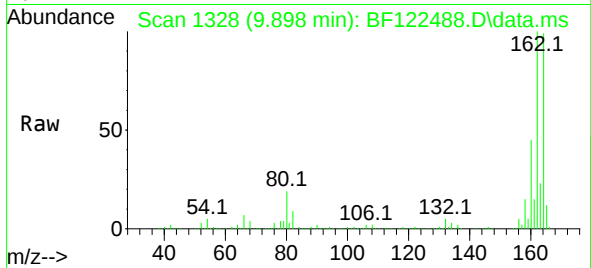




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

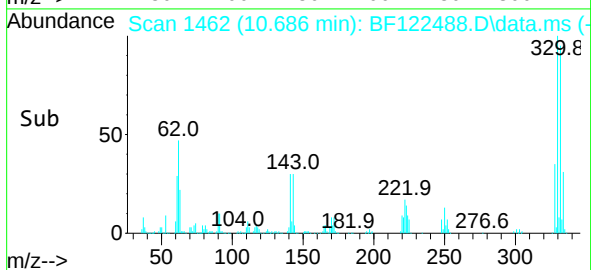
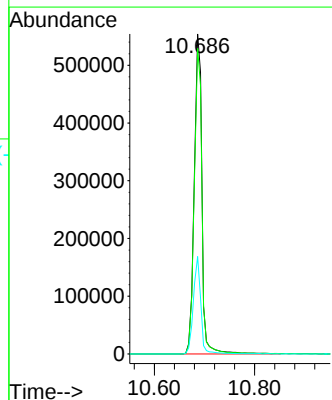
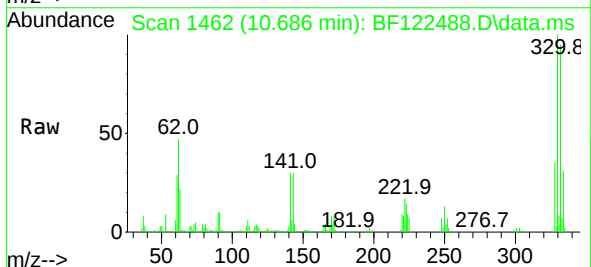
Instrument :
BNA_F
ClientSampleId :
PH-TP

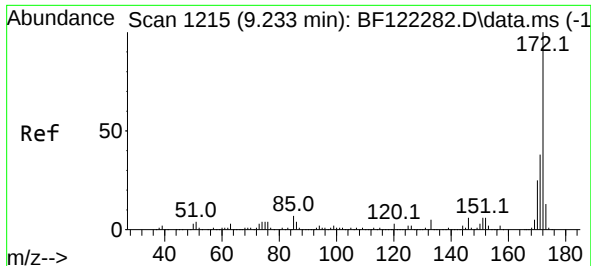
Tgt Ion:164 Resp: 417160
Ion Ratio Lower Upper
164 100
162 101.2 83.2 124.8
160 45.4 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 131.27 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

Tgt Ion:330 Resp: 587725
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 29.5 22.3 33.5

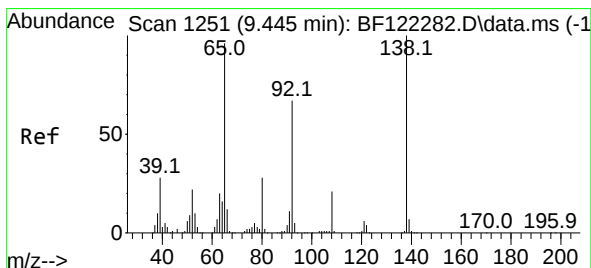
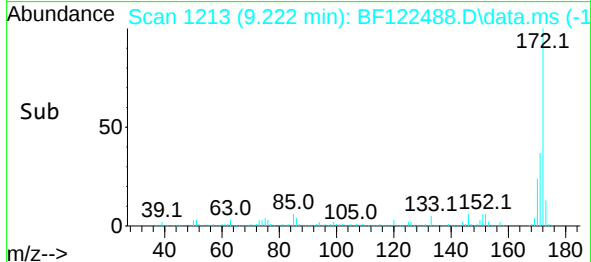
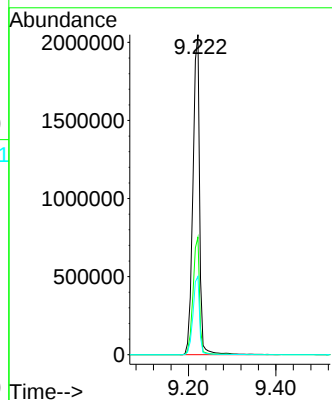
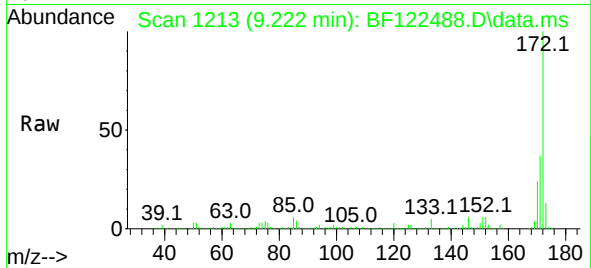




#45
2-Fluorobiphenyl
Concen: 81.60 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

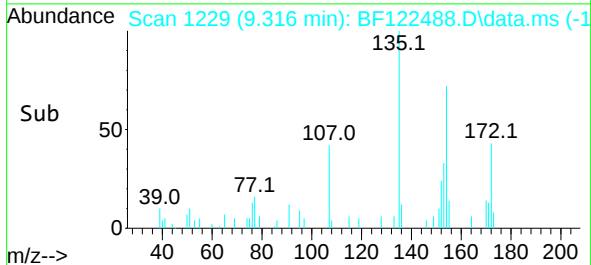
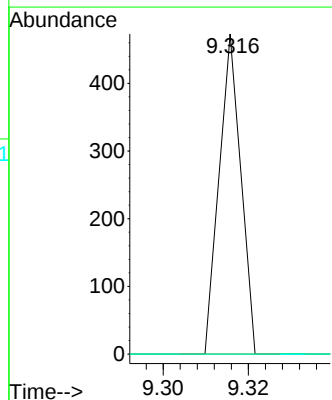
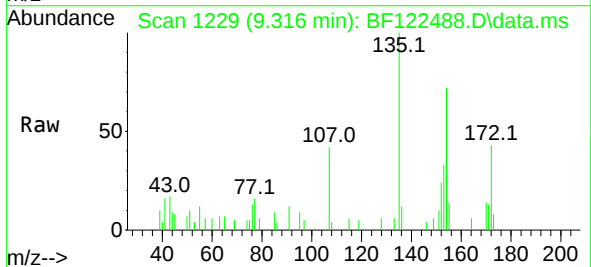
Instrument :
BNA_F
ClientSampleId :
PH-TP

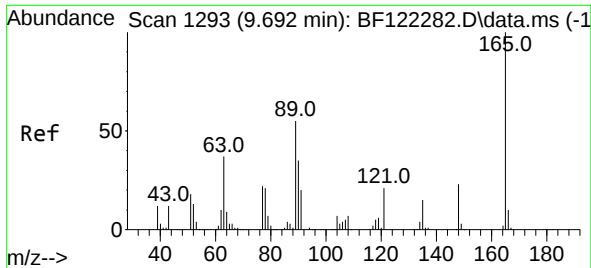
Tgt Ion:172 Resp: 2178658
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.4 19.8 29.6



#48
2-Nitroaniline
Concen: 5.19 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.130 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

Tgt Ion: 65 Resp: 167
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

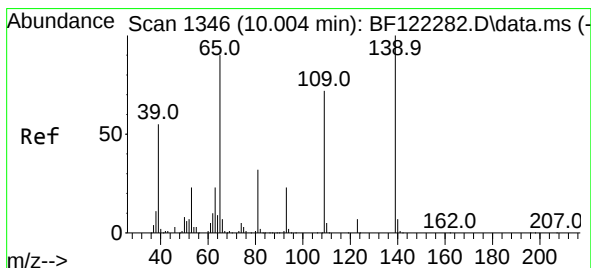
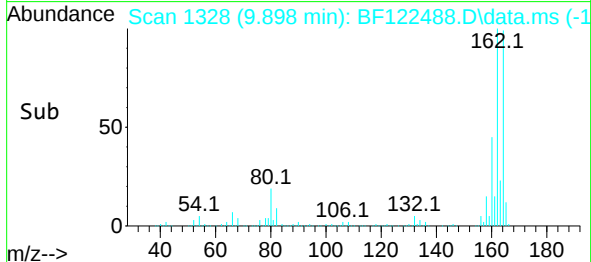
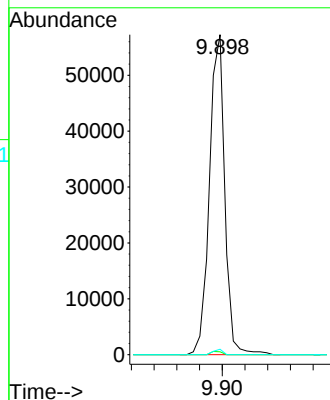
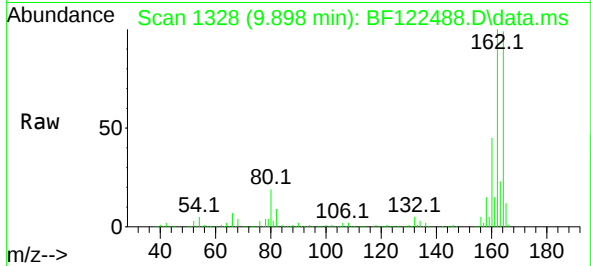




#51
2,6-Dinitrotoluene
Concen: 11.28 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

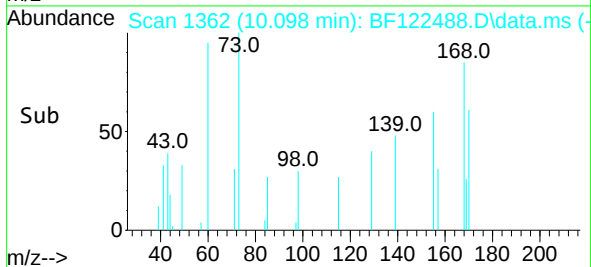
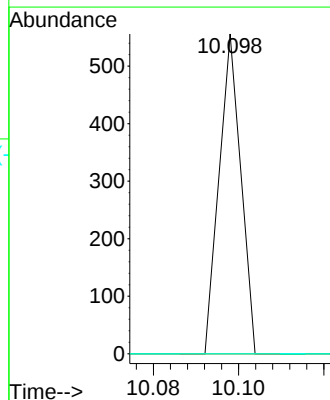
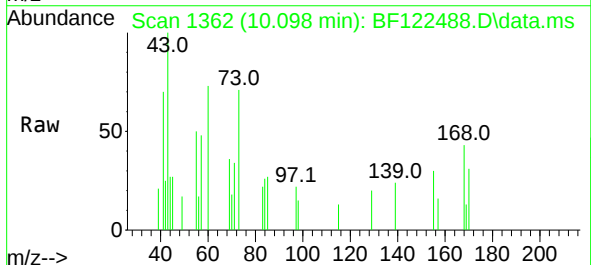
Instrument :
BNA_F
ClientSampleId :
PH-TP

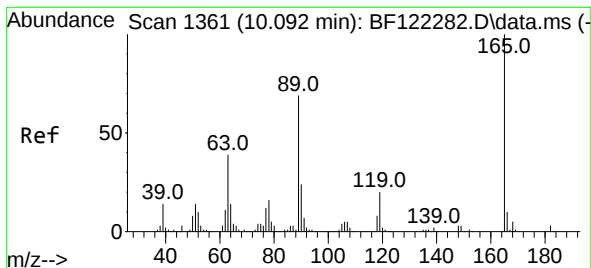
Tgt Ion:165 Resp: 53490
Ion Ratio Lower Upper
165 100
63 0.9 51.8 77.6#
89 1.7 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.43 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.082 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

Tgt Ion:139 Resp: 196
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#

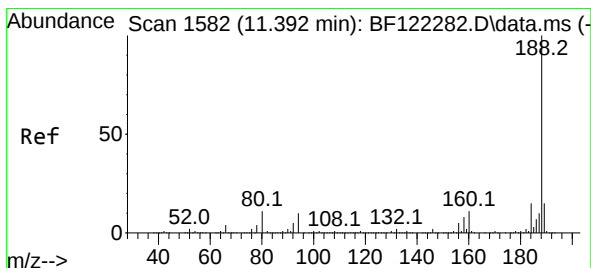
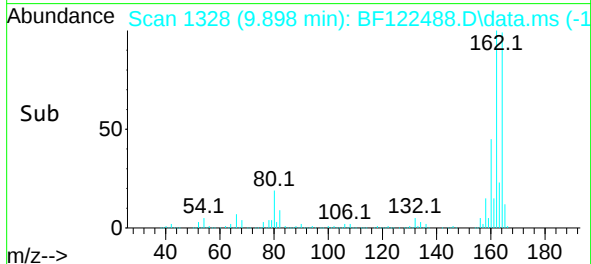
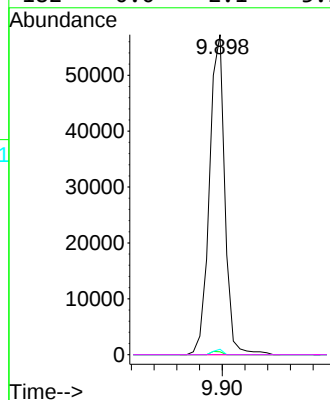
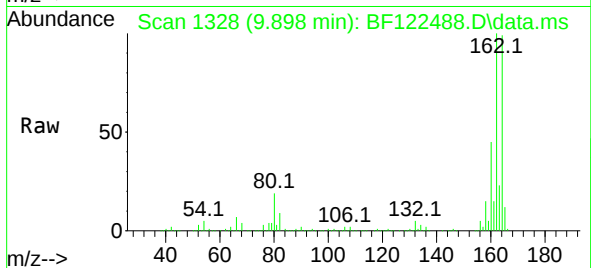




#57
2,4-Dinitrotoluene
Concen: 10.52 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

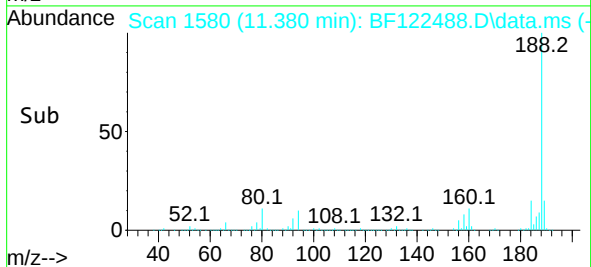
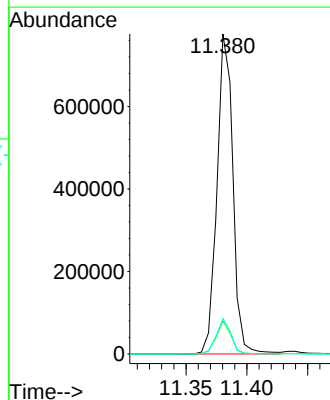
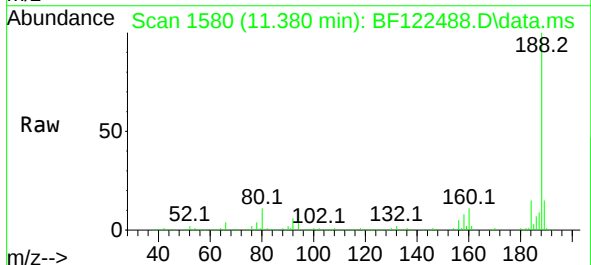
Instrument :
BNA_F
ClientSampled :
PH-TP

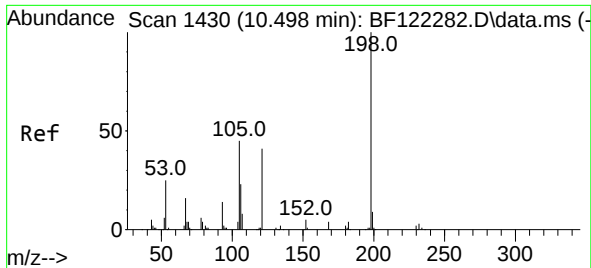
Tgt Ion:165 Resp: 53490
Ion Ratio Lower Upper
165 100
63 0.9 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

Tgt Ion:188 Resp: 707733
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.1 9.1 13.7

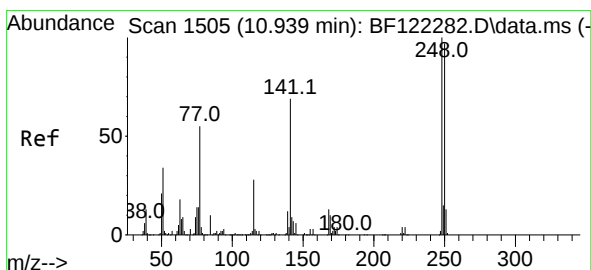
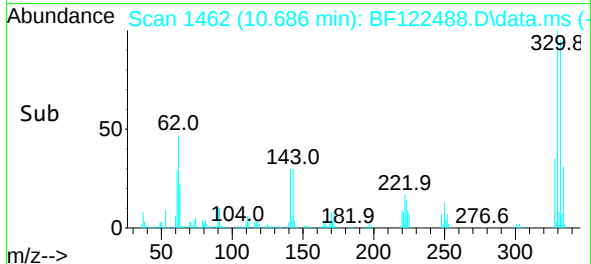
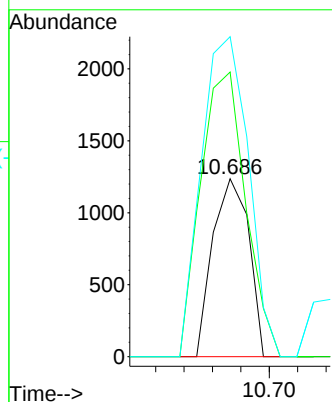
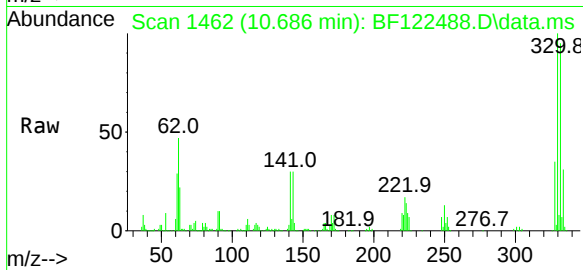




#65
4,6-Dinitro-2-methylphenol
Concen: 6.60 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

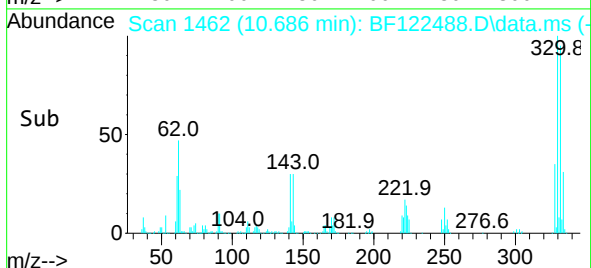
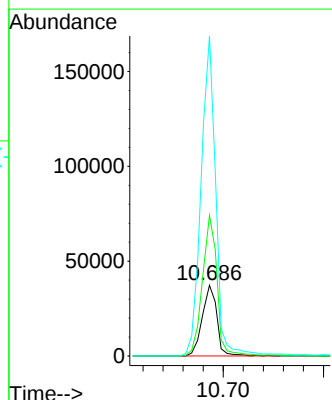
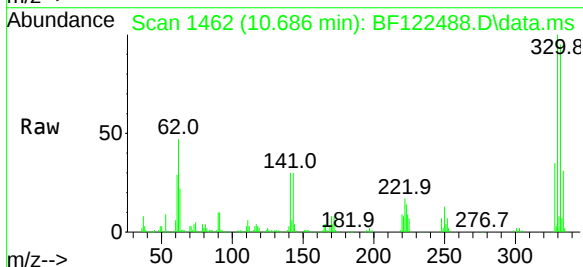
Instrument :
BNA_F
ClientSampled :
PH-TP

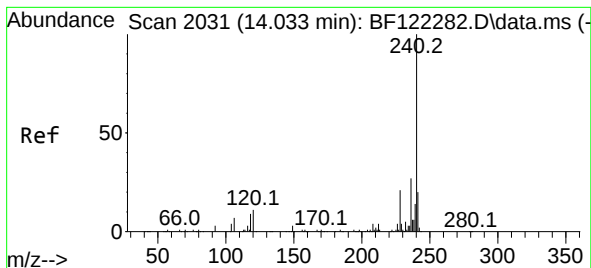
Tgt Ion:198 Resp: 1090
Ion Ratio Lower Upper
198 100
51 160.0 29.6 69.6#
105 179.9 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.56 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

Tgt Ion:248 Resp: 37907
Ion Ratio Lower Upper
248 100
250 198.7 77.0 115.6#
141 452.1 53.7 80.5#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.012 min

Lab File: BF122488.D

Acq: 25 Nov 2020 16:57

Tgt Ion:240 Resp: 488411

Ion Ratio Lower Upper

240 100

120 10.7 9.2 13.8

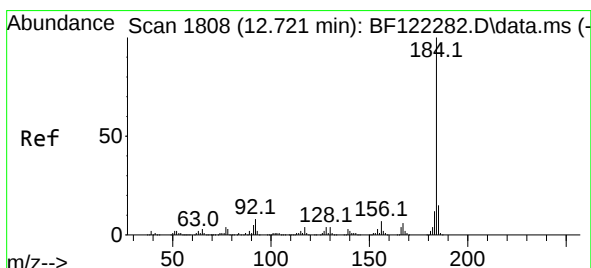
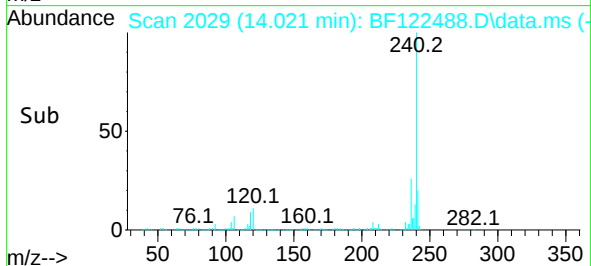
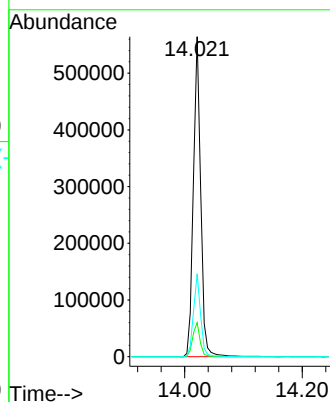
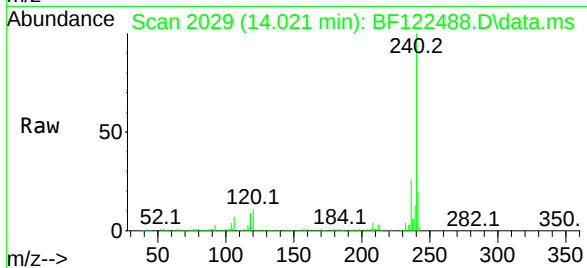
236 25.9 20.9 31.3

Instrument :

BNA_F

ClientSampleId :

PH-TP



#77

Benzidine

Concen: 2.00 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF122488.D

Acq: 25 Nov 2020 16:57

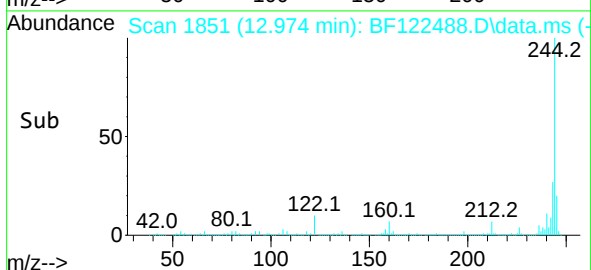
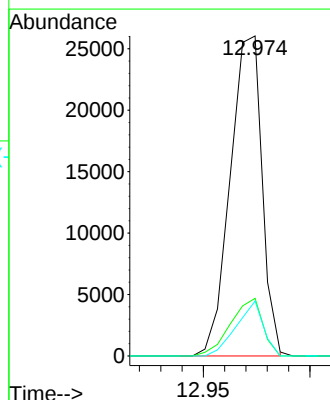
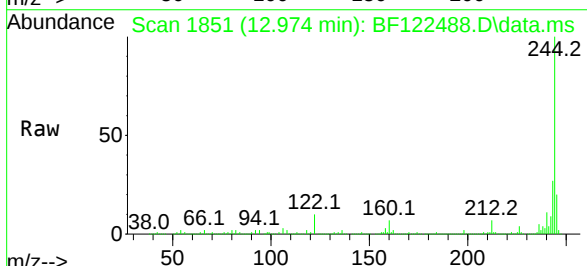
Tgt Ion:184 Resp: 27126

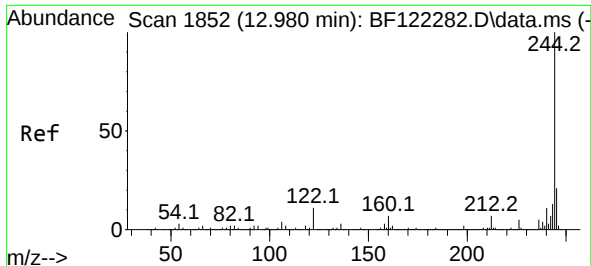
Ion Ratio Lower Upper

184 100

185 18.0 11.6 17.4#

183 17.2 9.4 14.0#

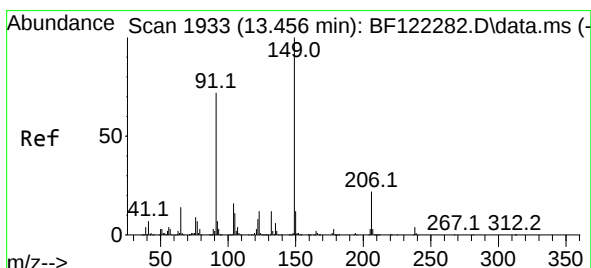
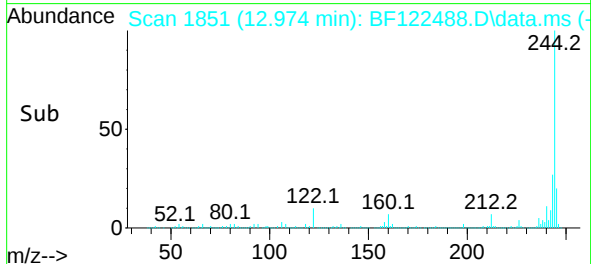
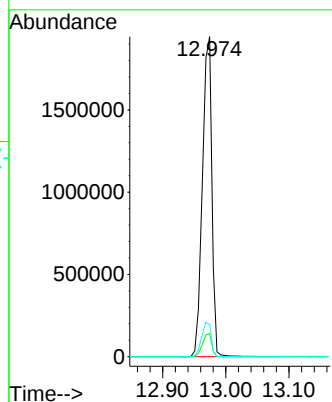
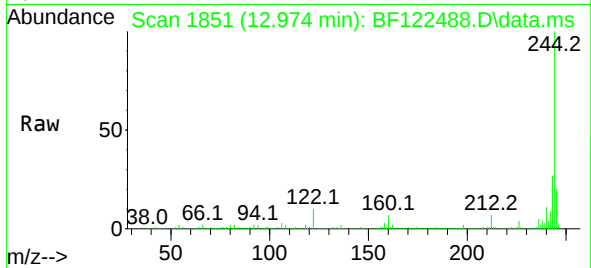




#79
Terphenyl-d14
Concen: 88.18 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

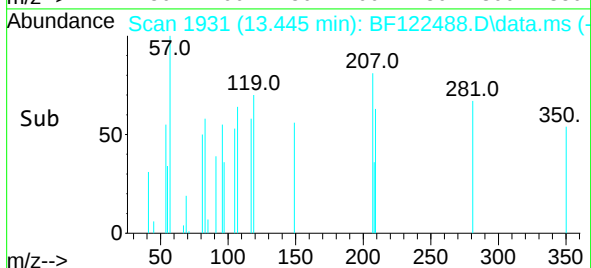
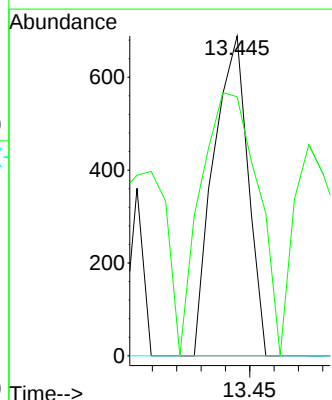
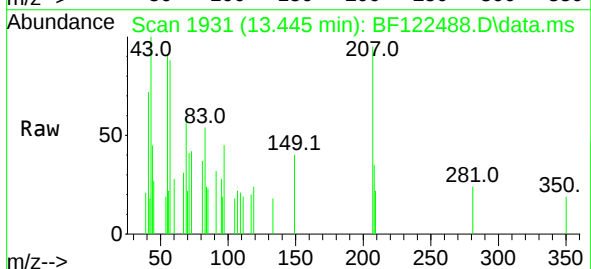
Instrument :
BNA_F
ClientSampled :
PH-TP

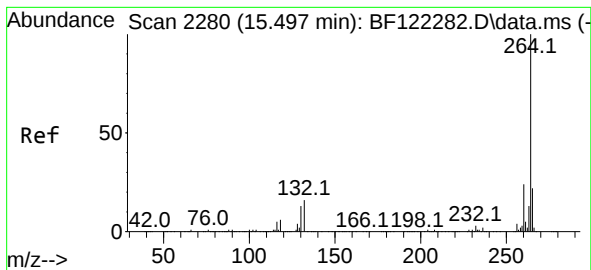
Tgt Ion:244 Resp: 2033004
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.0 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.33 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

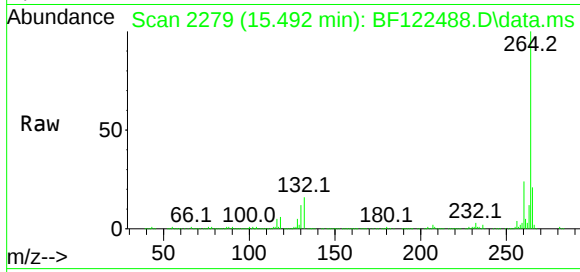
Tgt Ion:149 Resp: 676
Ion Ratio Lower Upper
149 100
91 81.0 61.0 91.4
206 0.0 16.7 25.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BF122488.D
Acq: 25 Nov 2020 16:57

Instrument :
BNA_F
ClientSampleId :
PH-TP



Tgt Ion:264 Resp: 516990
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.0 17.3 25.9

