

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122486.D
 Acq On : 25 Nov 2020 15:54
 Operator : JU/CG
 Sample : L4597-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-112320

Quant Time: Nov 25 16:29:14 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)

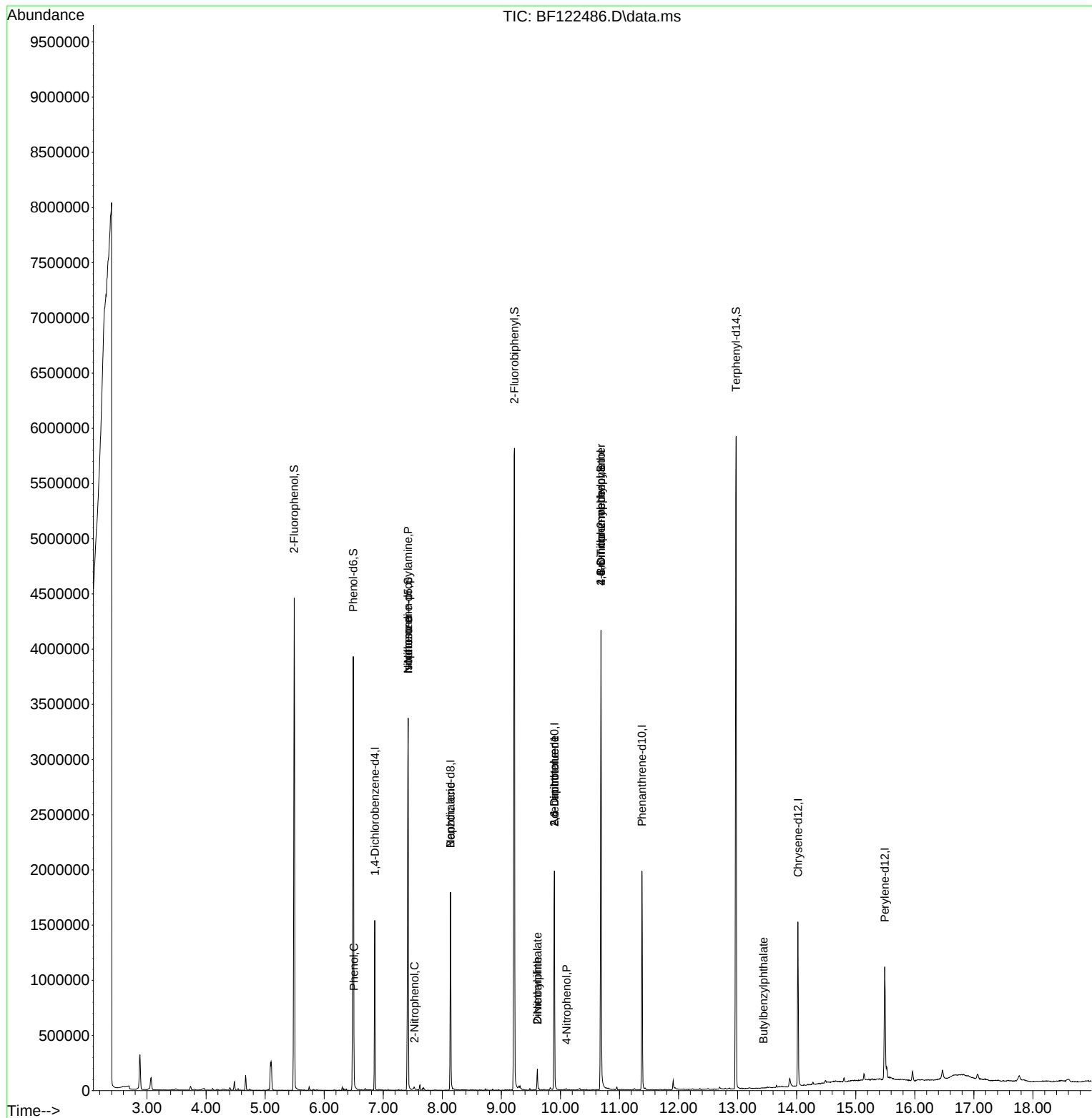
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	202727	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	795203	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	416507	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	726998	20.00	ng	0.00
76) Chrysene-d12	14.021	240	494259	20.00	ng	-0.01
86) Perylene-d12	15.492	264	503948	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1336440	101.23	ng	0.01
7) Phenol-d6	6.492	99	1517229	87.84	ng	0.00
23) Nitrobenzene-d5	7.422	82	1183121	91.08	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	576821	129.03	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2149130	80.62	ng	0.00
79) Terphenyl-d14	12.974	244	2001220	85.78	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	111	Below Cal	#	3
10) Phenol	6.504	94	66771	3.93	ng	79
19) n-Nitroso-di-n-propyla...	7.422	70	161653	15.66	ng	# 74
25) Isophorone	7.422	82	1170923	40.44	ng	# 67
26) 2-Nitrophenol	7.528	139	117	6.83	ng	# 34
32) Benzoic acid	8.139	122	106	7.97	ng	# 1
48) 2-Nitroaniline	9.610	65	812	5.26	ng	# 1
50) Dimethylphthalate	9.610	163	80464	2.72	ng	100
51) 2,6-Dinitrotoluene	9.898	165	54267	11.40	ng	# 20
56) 4-Nitrophenol	10.104	139	342	5.46	ng	# 10
57) 2,4-Dinitrotoluene	9.898	165	54267	10.61	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1205	6.63	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	36446	4.27	ng	# 1
80) Butylbenzylphthalate	13.439	149	626	3.33	ng	# 52

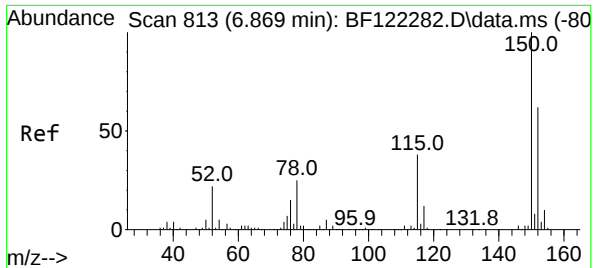
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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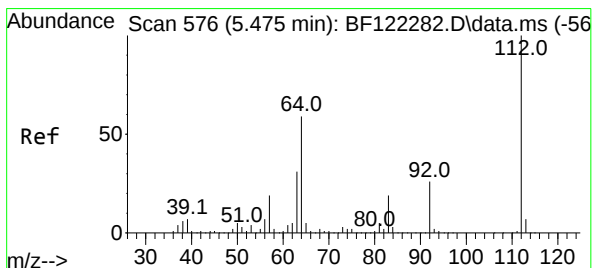
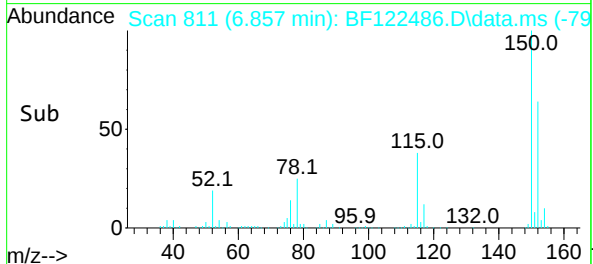
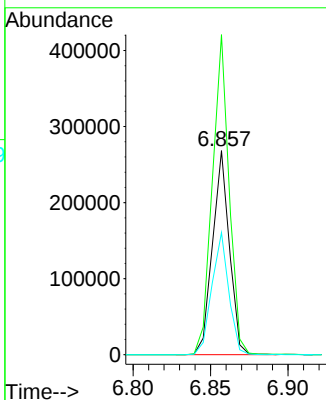
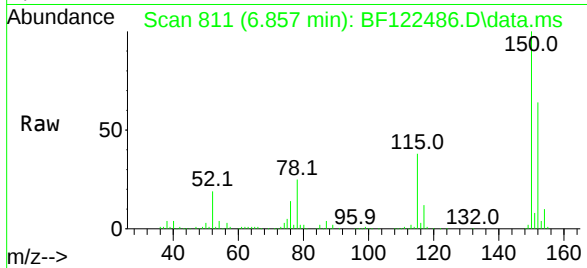




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

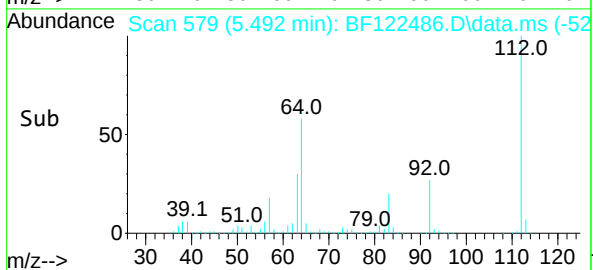
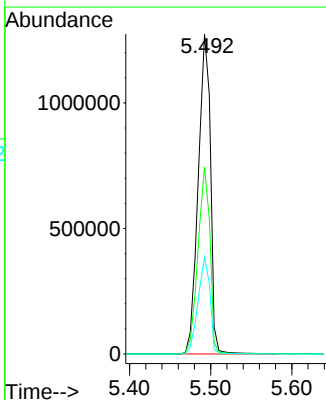
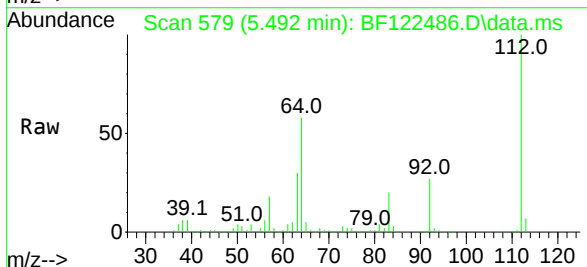
Instrument :
BNA_F
ClientSampleId :
BU-03-112320

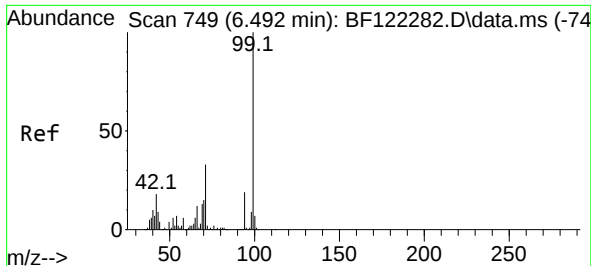
Tgt Ion:152 Resp: 202727
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 59.9 51.9 77.9



#5
2-Fluorophenol
Concen: 101.23 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

Tgt Ion:112 Resp: 1336440
Ion Ratio Lower Upper
112 100
64 58.5 50.4 75.6
63 30.4 25.8 38.6

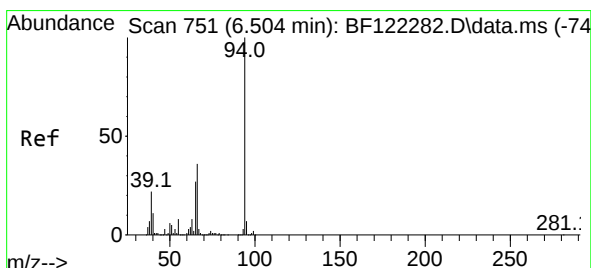
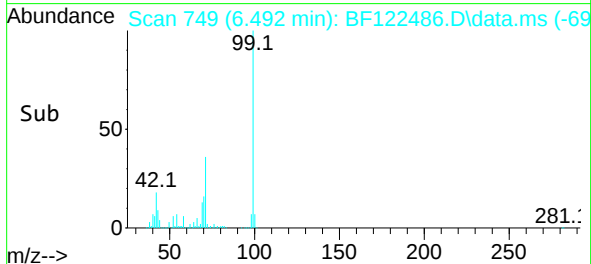
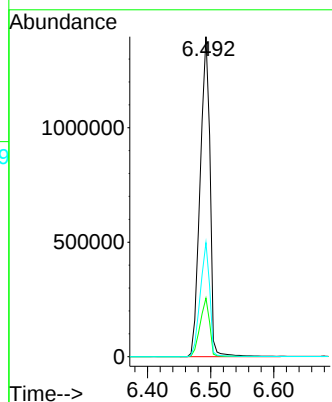
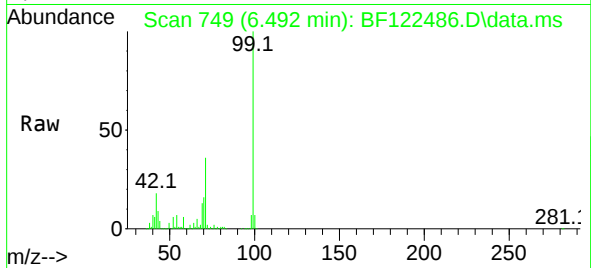




#7
Phenol-d6
Concen: 87.84 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

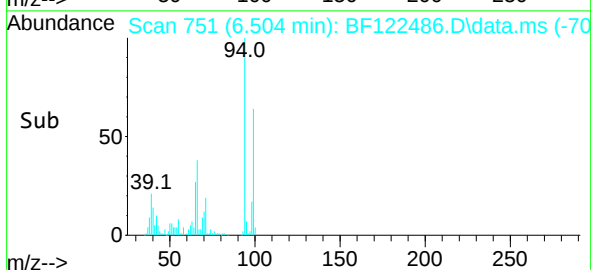
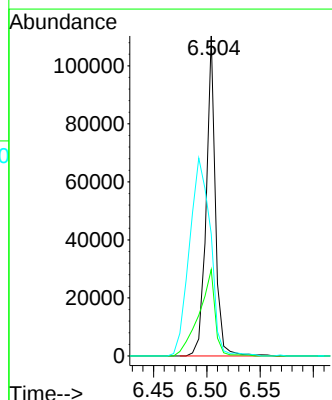
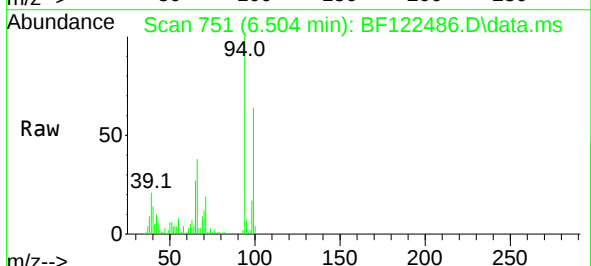
Instrument :
BNA_F
ClientSampleId :
BU-03-112320

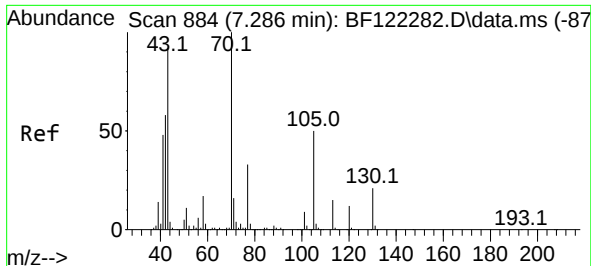
Tgt Ion: 99 Resp: 1517229
Ion Ratio Lower Upper
99 100
42 18.3 15.9 23.9
71 35.6 27.1 40.7



#10
Phenol
Concen: 3.93 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

Tgt Ion: 94 Resp: 66771
Ion Ratio Lower Upper
94 100
65 27.0 17.1 57.1
66 38.2 36.0 76.0



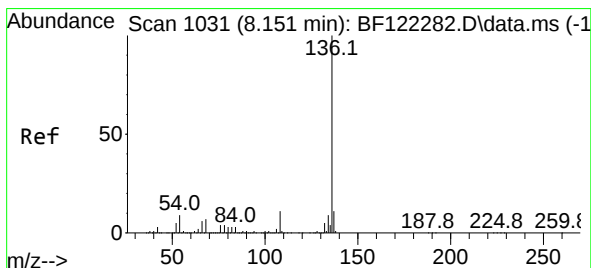
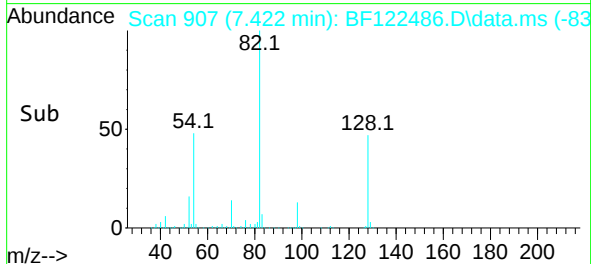
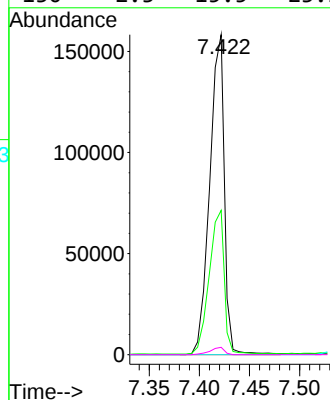
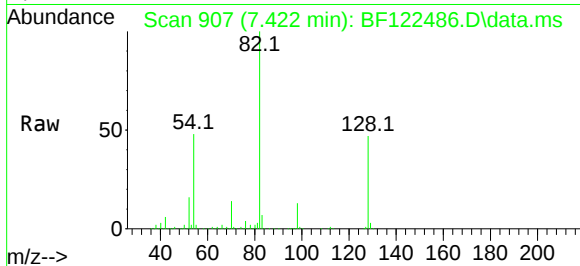


#19
n-Nitroso-di-n-propylamine
Concen: 15.66 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

Instrument :
BNA_F
ClientSampleId :
BU-03-112320

Tgt Ion: 70 Resp: 161653

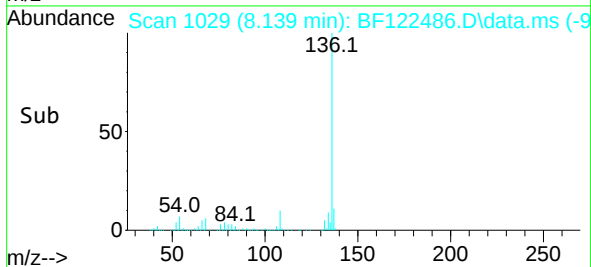
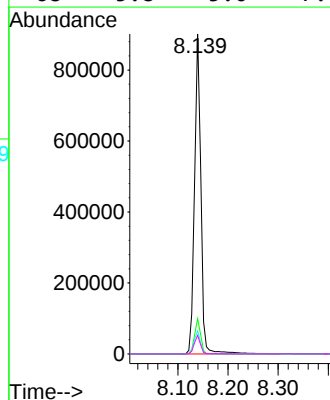
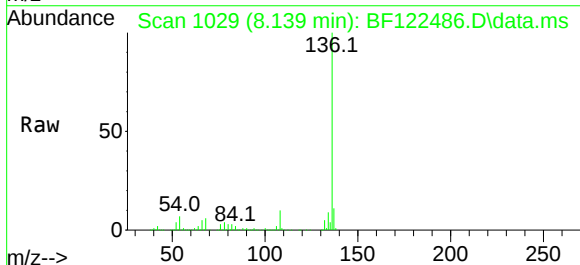
Ion	Ratio	Lower	Upper
70	100		
42	45.1	50.2	75.4#
101	0.0	7.5	11.3#
130	2.3	15.5	23.3#

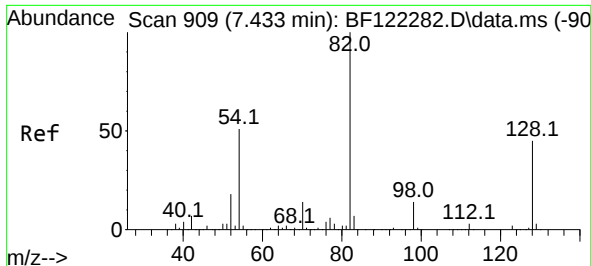


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

Tgt Ion: 136 Resp: 795203

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.2	7.1	10.7
68	5.8	5.0	7.4

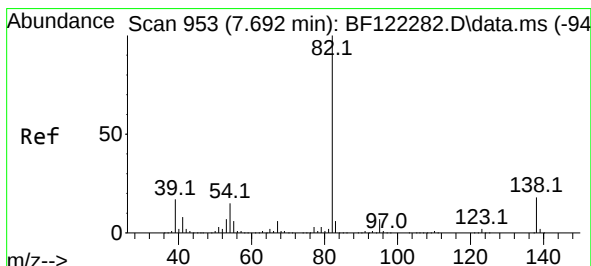
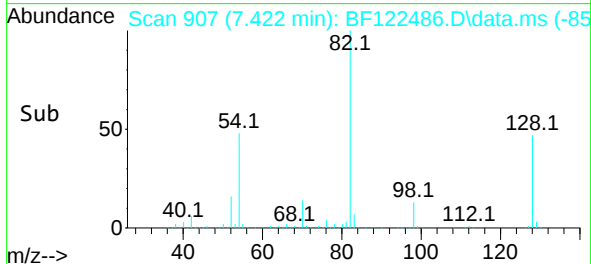
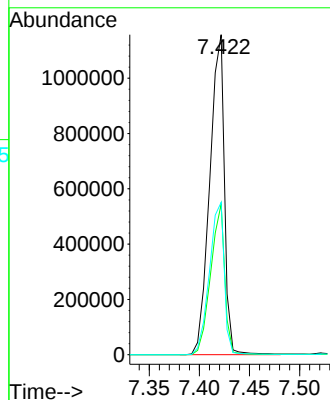
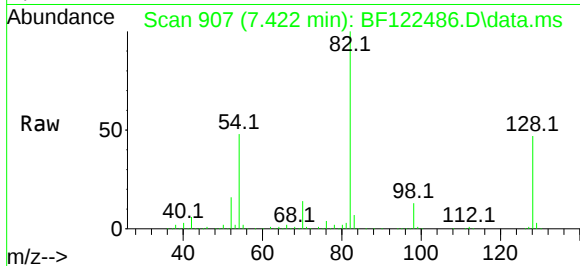




#23
Nitrobenzene-d5
Concen: 91.08 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

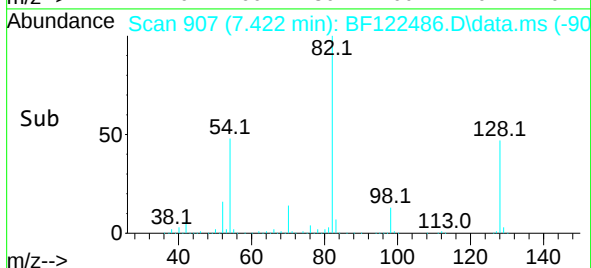
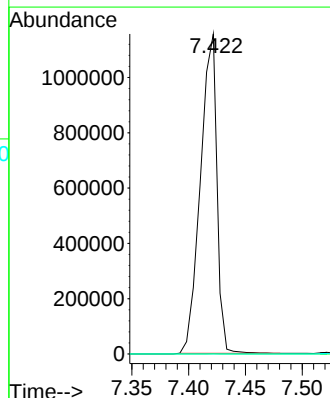
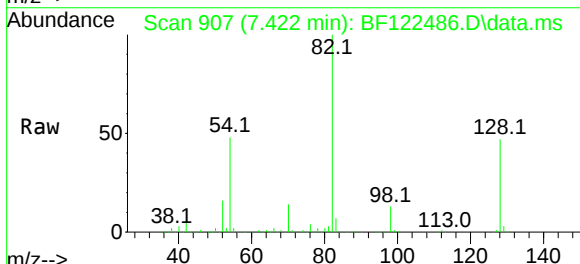
Instrument :
BNA_F
ClientSampleId :
BU-03-112320

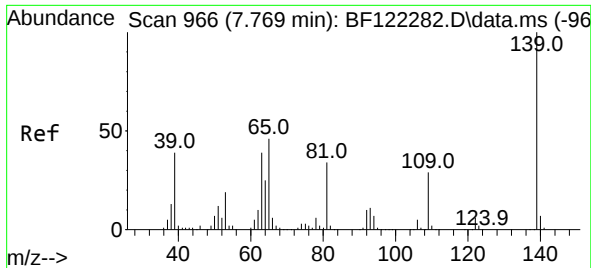
Tgt Ion: 82 Resp: 1183121
Ion Ratio Lower Upper
82 100
128 47.0 35.0 52.4
54 47.6 43.9 65.9



#25
Isophorone
Concen: 40.44 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

Tgt Ion: 82 Resp: 1170923
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

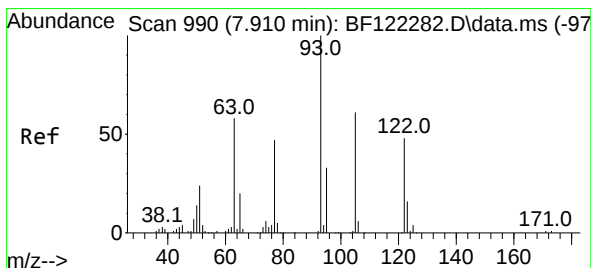
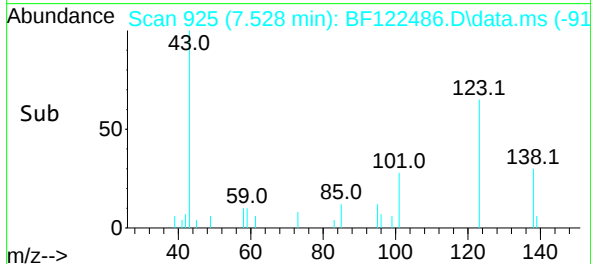
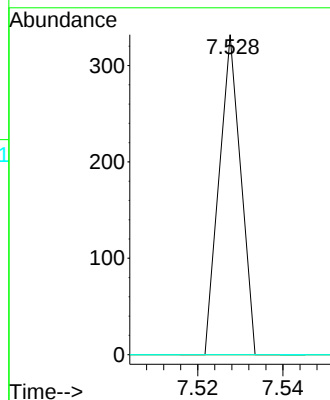
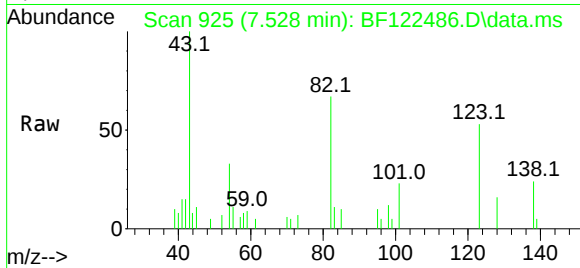




#26
2-Nitrophenol
Concen: 6.83 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.230 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

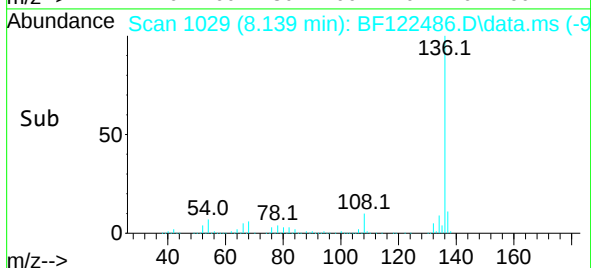
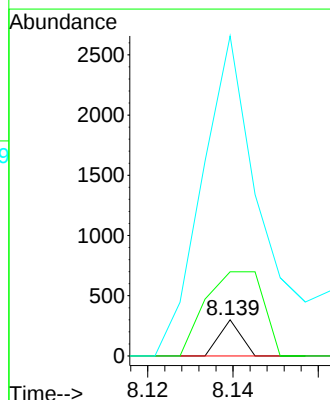
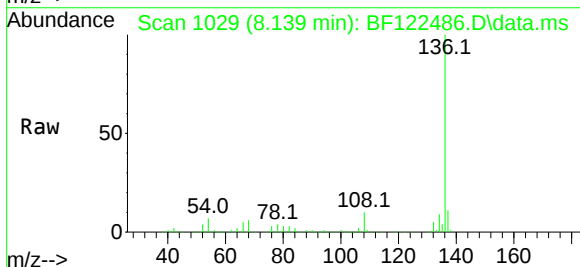
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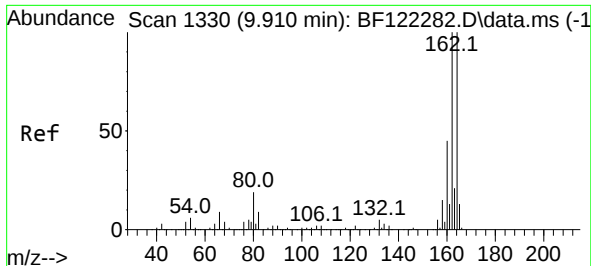
Tgt Ion:139 Resp: 117
Ion Ratio Lower Upper
139 100
109 0.0 23.0 34.4#
65 0.0 39.9 59.9#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.206 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

Tgt Ion:122 Resp: 106
Ion Ratio Lower Upper
122 100
105 232.7 103.3 143.3#
77 885.7 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: BF122486.D

Acq: 25 Nov 2020 15:54

Instrument :

BNA_F

ClientSampleId :

BU-03-112320

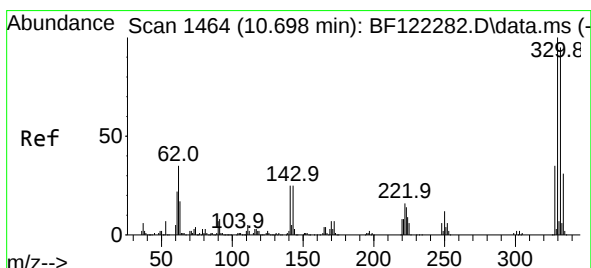
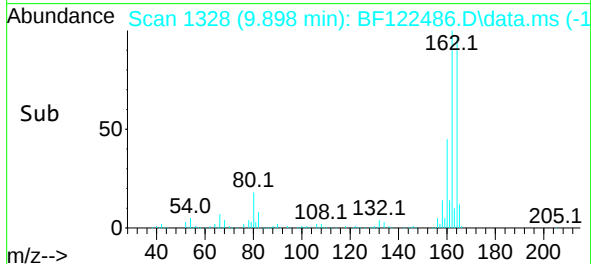
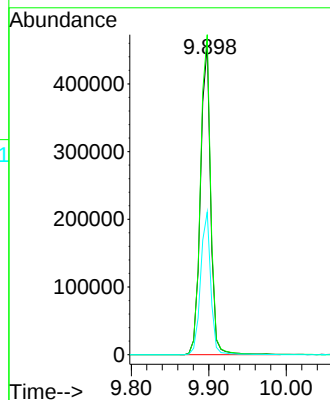
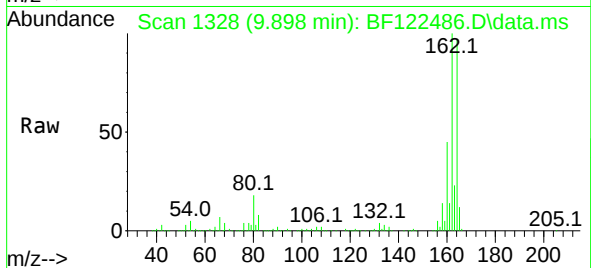
Tgt Ion:164 Resp: 416507

Ion Ratio Lower Upper

164 100

162 103.3 83.2 124.8

160 46.0 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 129.03 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF122486.D

Acq: 25 Nov 2020 15:54

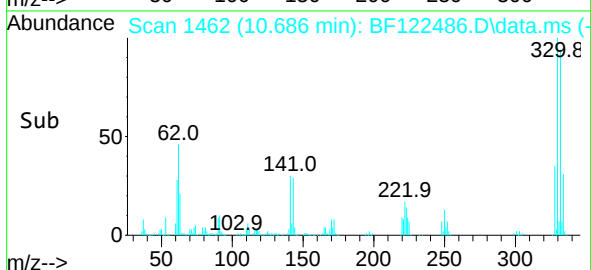
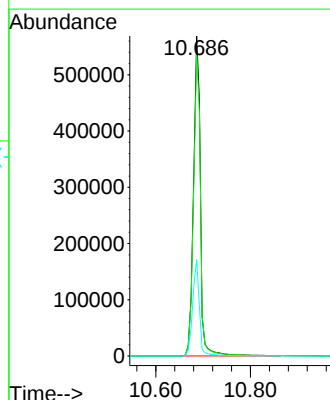
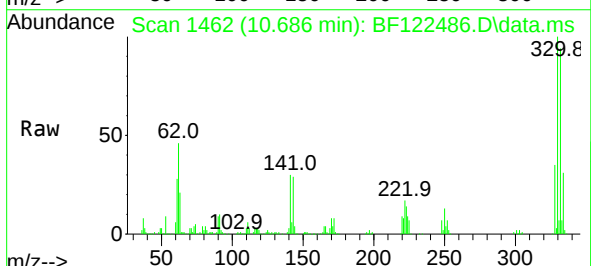
Tgt Ion:330 Resp: 576821

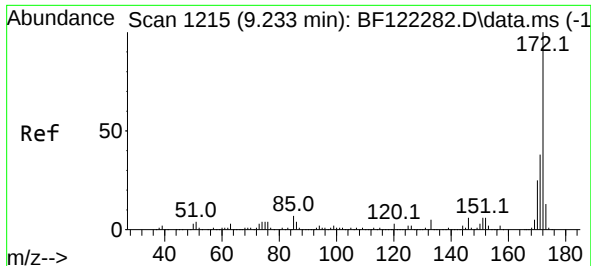
Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

141 29.7 22.3 33.5

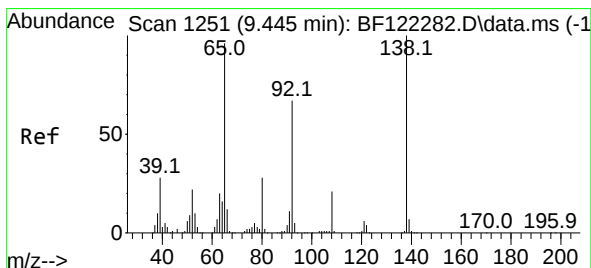
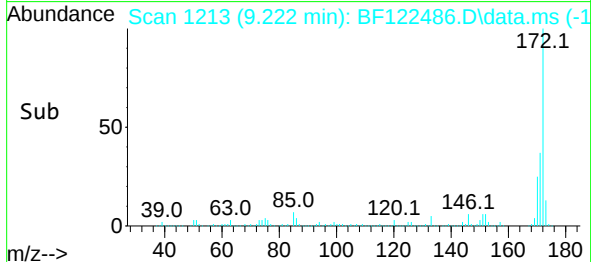
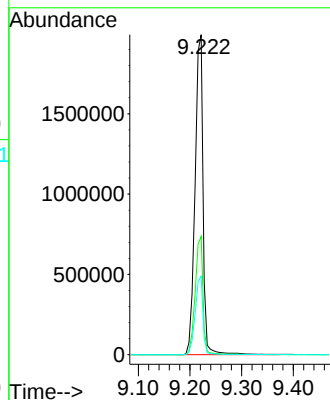
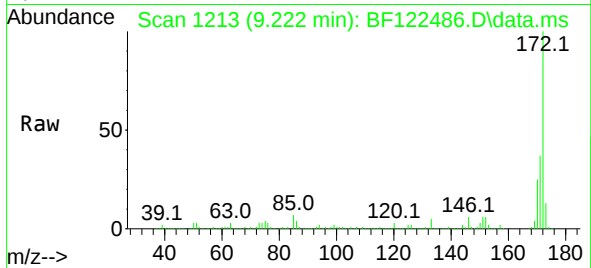




#45
2-Fluorobiphenyl
Concen: 80.62 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

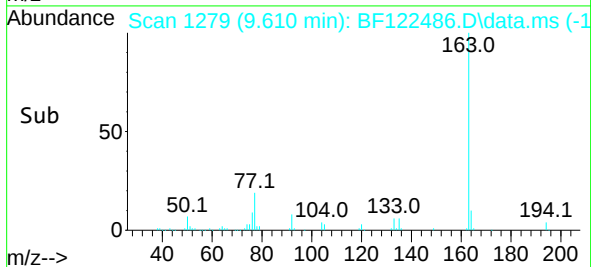
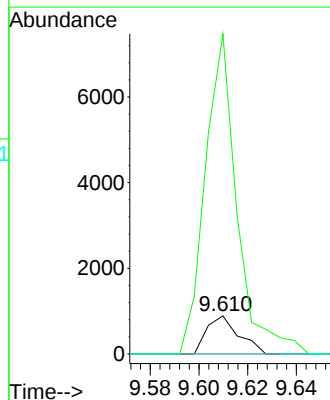
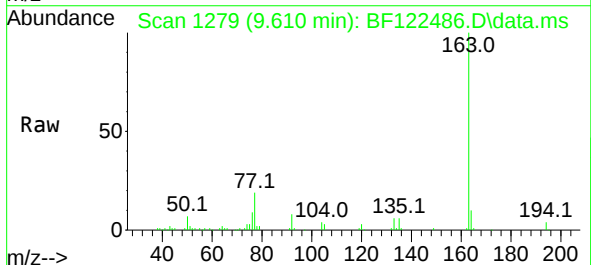
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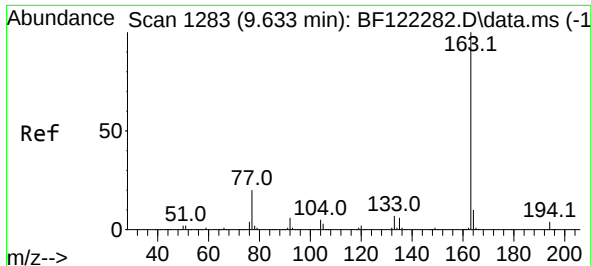
Tgt Ion:172 Resp: 2149130
Ion Ratio Lower Upper
172 100
171 37.0 29.1 43.7
170 24.5 19.8 29.6



#48
2-Nitroaniline
Concen: 5.26 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.165 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

Tgt Ion: 65 Resp: 812
Ion Ratio Lower Upper
65 100
92 839.4 55.1 82.7#
138 0.0 80.5 120.7#

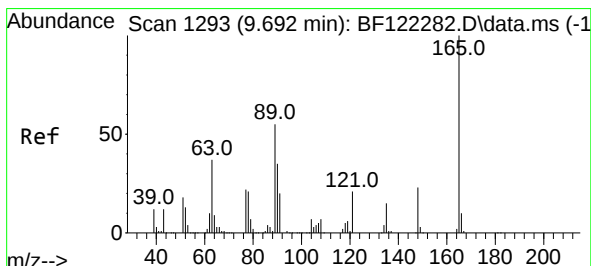
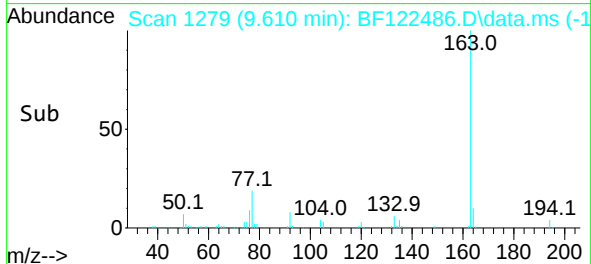
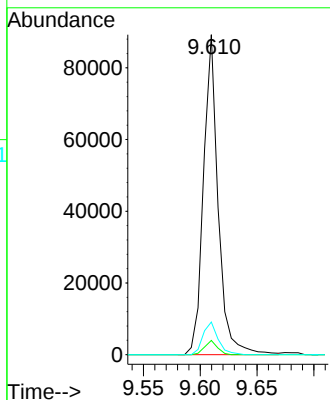
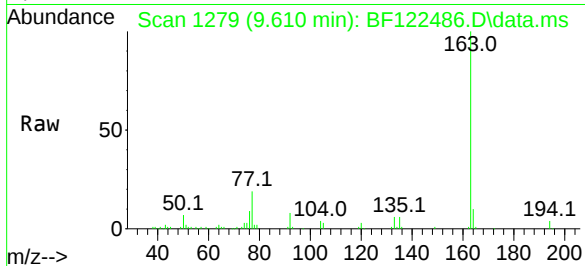




#50
Dimethylphthalate
Concen: 2.72 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

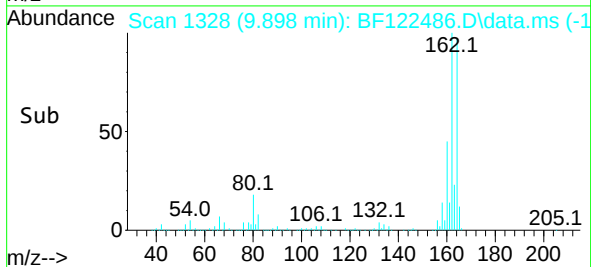
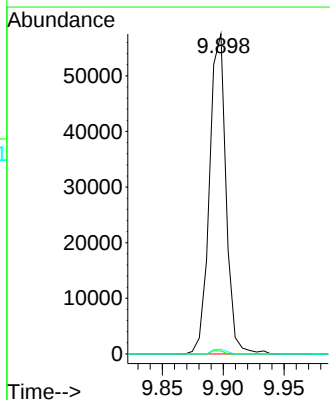
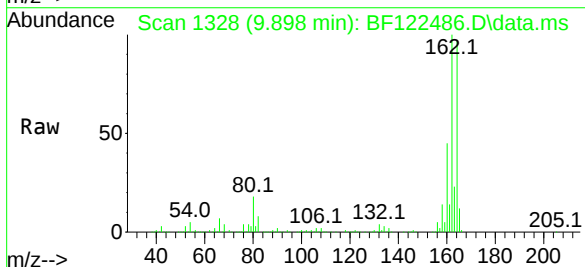
Instrument :
BNA_F
ClientSampleId :
BU-03-112320

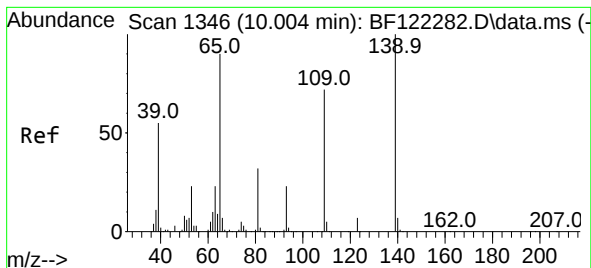
Tgt Ion:163 Resp: 80464
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 11.40 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

Tgt Ion:165 Resp: 54267
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.5 49.0 73.6#

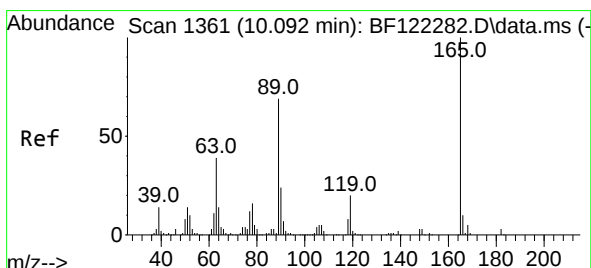
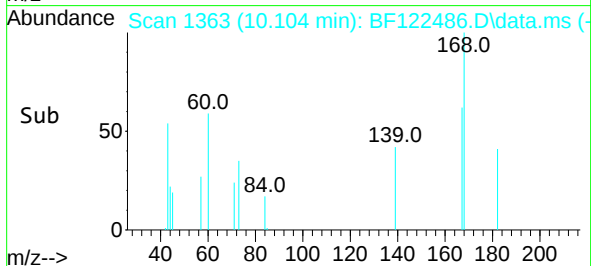
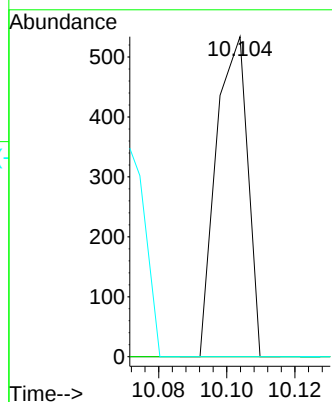
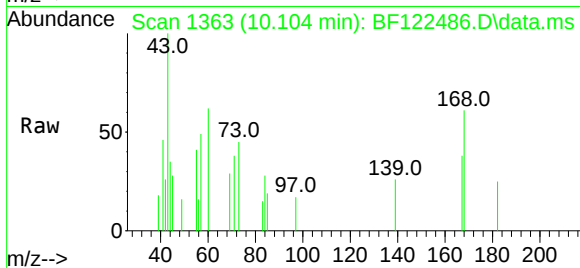




#56
4-Nitrophenol
Concen: 5.46 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.088 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

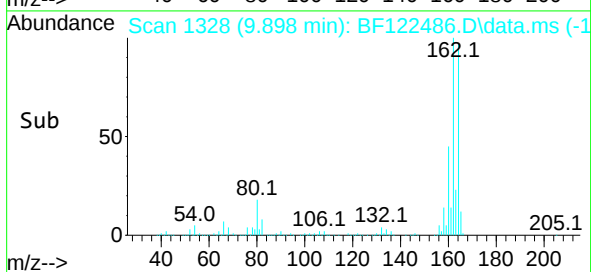
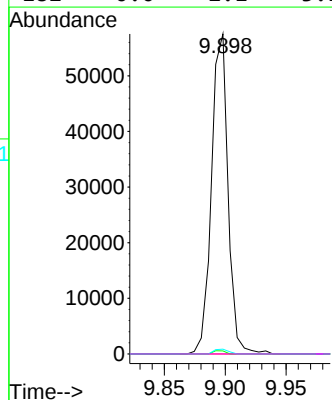
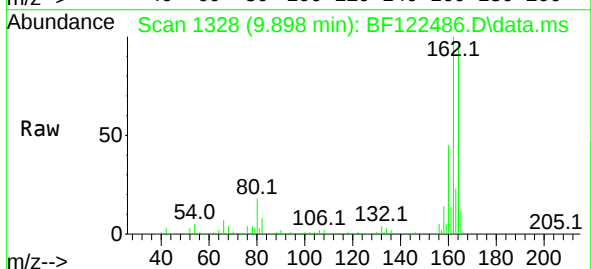
Instrument :
BNA_F
ClientSampleId :
BU-03-112320

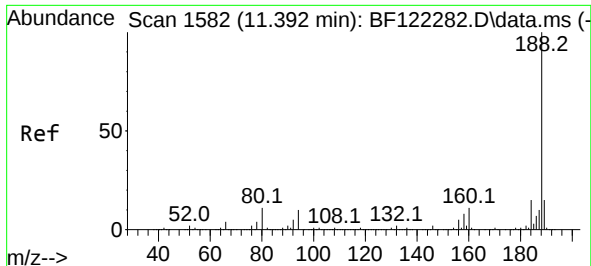
Tgt Ion:139 Resp: 342
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.61 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

Tgt Ion:165 Resp: 54267
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#

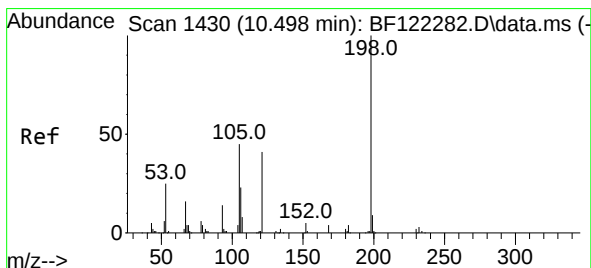
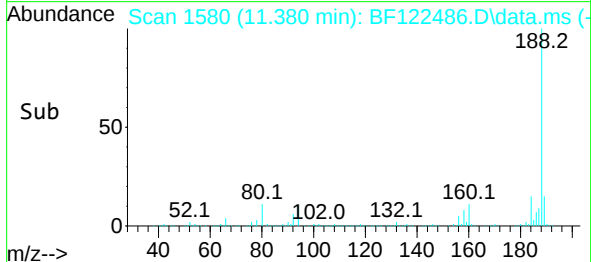
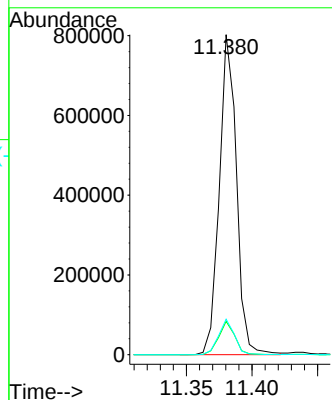
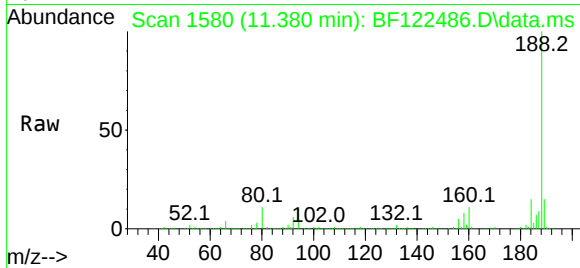




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

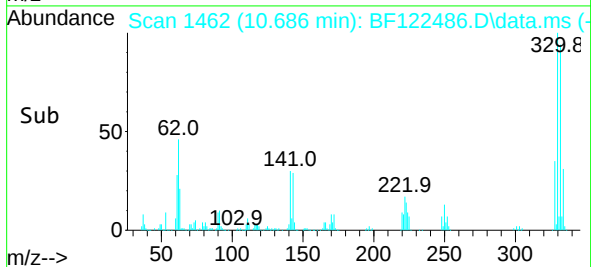
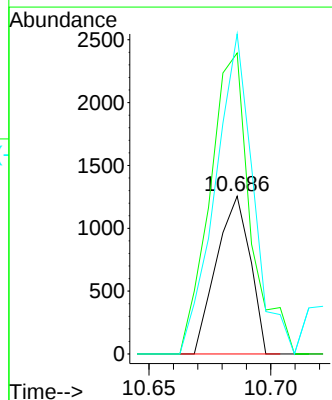
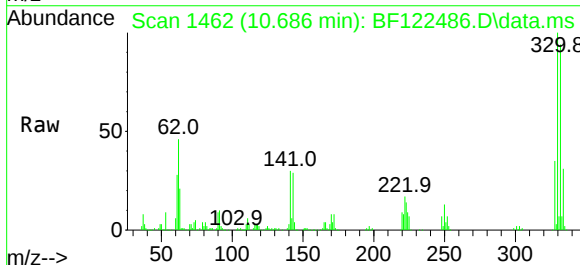
Instrument :
BNA_F
ClientSampleId :
BU-03-112320

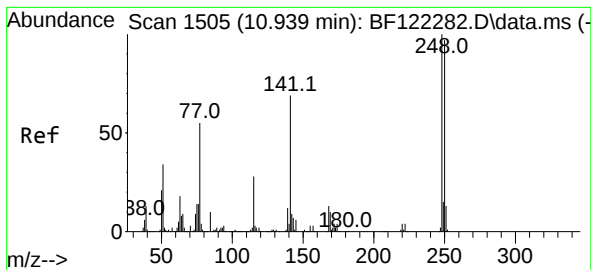
Tgt Ion:188 Resp: 726998
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.1 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

Tgt Ion:198 Resp: 1205
Ion Ratio Lower Upper
198 100
51 190.8 29.6 69.6#
105 202.9 24.4 64.4#

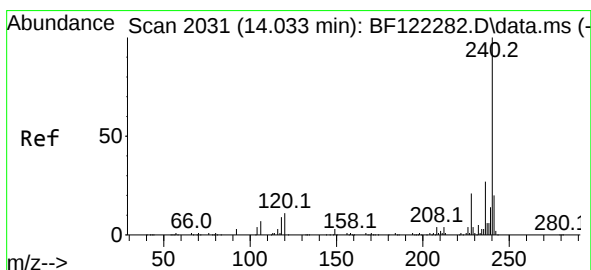
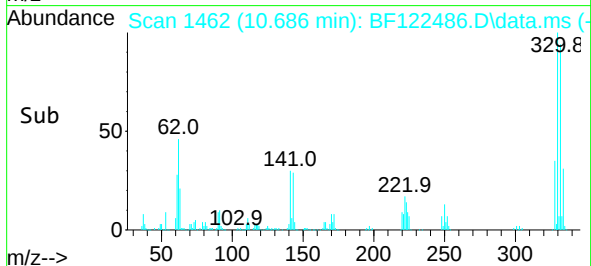
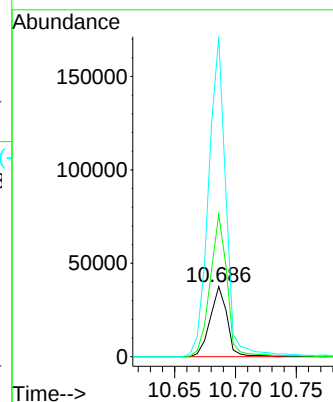
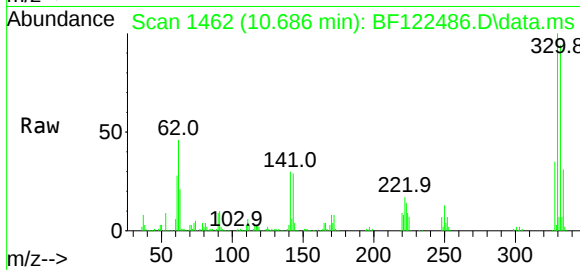




#67
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

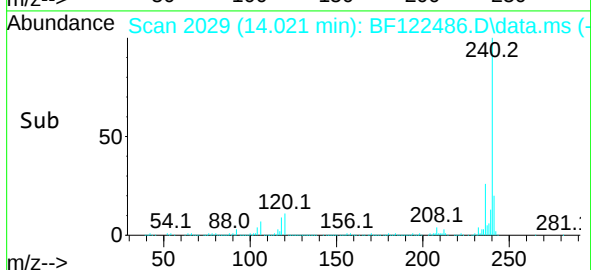
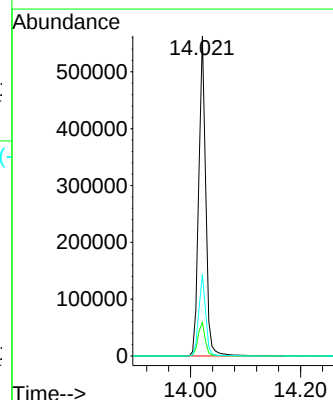
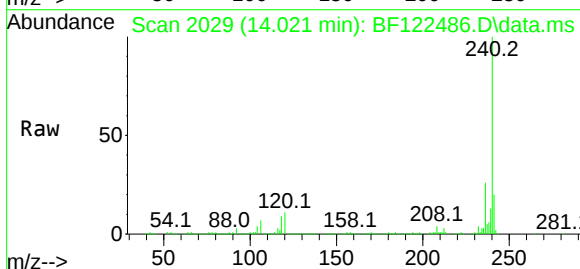
Instrument :
BNA_F
ClientSampleId :
BU-03-112320

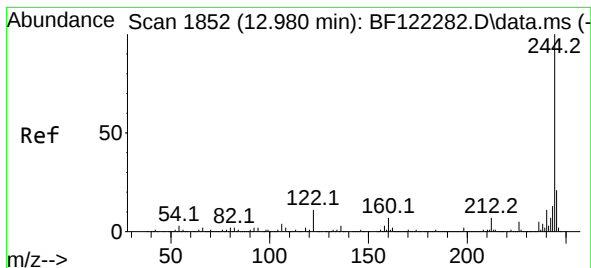
Tgt Ion:248 Resp: 36446
Ion Ratio Lower Upper
248 100
250 202.8 77.0 115.6#
141 456.6 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122486.D
Acq: 25 Nov 2020 15:54

Tgt Ion:240 Resp: 494259
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 25.5 20.9 31.3

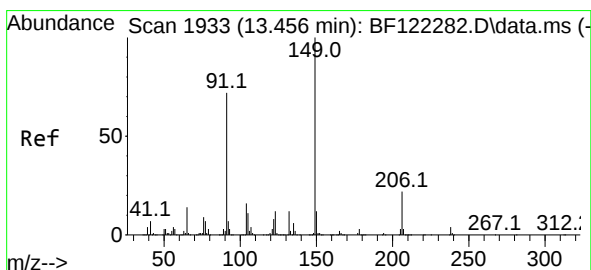
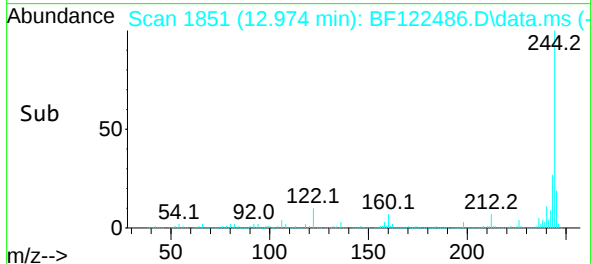
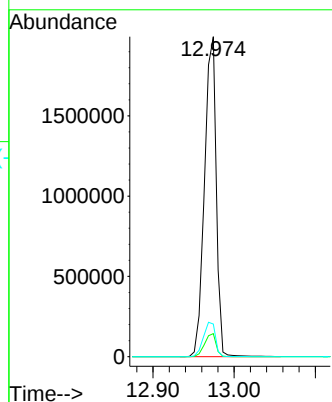
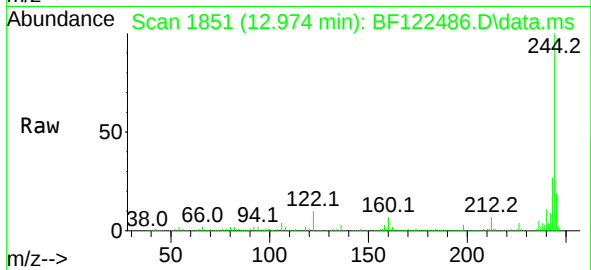




#79
 Terphenyl-d14
 Concen: 85.78 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF122486.D
 Acq: 25 Nov 2020 15:54

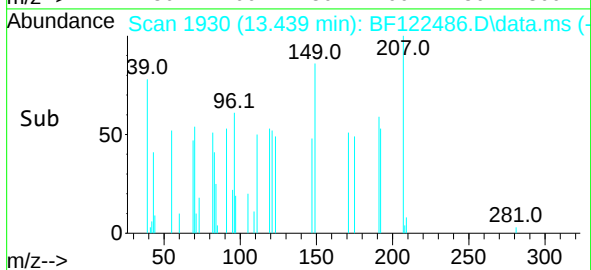
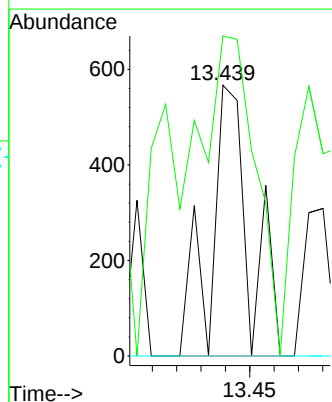
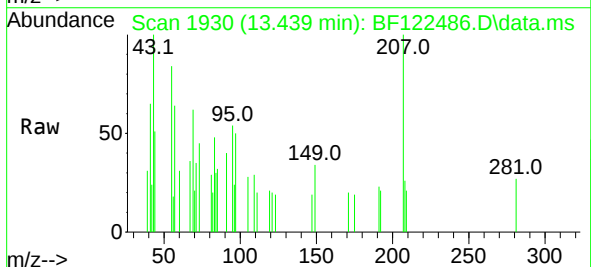
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-112320

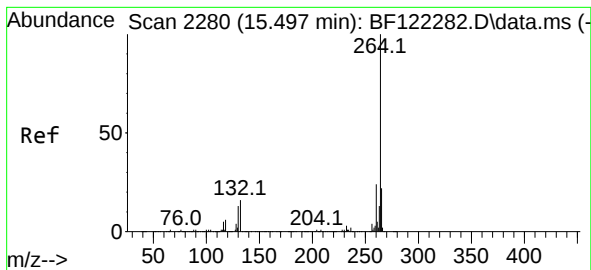
Tgt Ion:244 Resp: 2001220
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.2 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.33 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. -0.012 min
 Lab File: BF122486.D
 Acq: 25 Nov 2020 15:54

Tgt Ion:149 Resp: 626
 Ion Ratio Lower Upper
 149 100
 91 118.2 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: BF122486.D
 Acq: 25 Nov 2020 15:54

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-112320

Tgt Ion:264 Resp: 503948
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.5 17.3 25.9

