

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122484.D
 Acq On : 25 Nov 2020 14:51
 Operator : JU/CG
 Sample : L4882-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B48-112320-0-10

Quant Time: Nov 25 16:06:17 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)

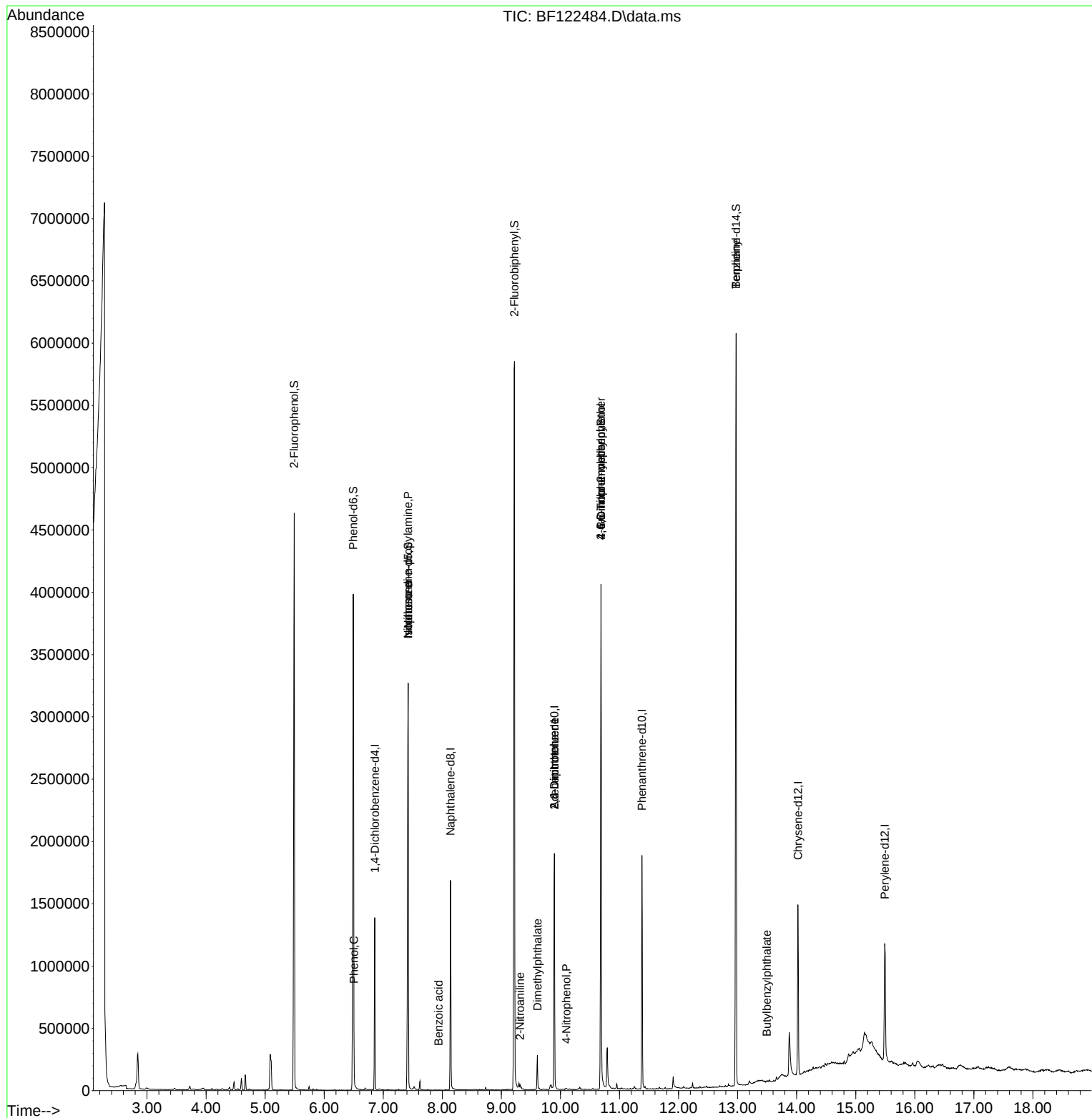
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	190833	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	739938	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	392383	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	681222	20.00	ng	0.00
76) Chrysene-d12	14.021	240	465647	20.00	ng	-0.01
86) Perylene-d12	15.492	264	493020	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1339999	107.82	ng	0.01
7) Phenol-d6	6.492	99	1565276	96.27	ng	0.00
23) Nitrobenzene-d5	7.422	82	1160030	95.98	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	553841	131.51	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2065076	82.23	ng	0.00
79) Terphenyl-d14	12.974	244	2013913	91.62	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	107	Below Cal	#	40
10) Phenol	6.504	94	55471	3.46	ng	81
19) n-Nitroso-di-n-propyla...	7.422	70	158691	16.33	ng	# 74
25) Isophorone	7.422	82	1148146	42.61	ng	# 67
32) Benzoic acid	7.939	122	216	7.99	ng	# 50
48) 2-Nitroaniline	9.316	65	289	5.20	ng	# 6
50) Dimethylphthalate	9.610	163	112933	4.05	ng	99
51) 2,6-Dinitrotoluene	9.898	165	50660	11.33	ng	# 21
56) 4-Nitrophenol	10.098	139	222	5.44	ng	# 10
57) 2,4-Dinitrotoluene	9.898	165	50660	10.56	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1252	6.68	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	35893	4.48	ng	# 1
77) Benzidine	12.974	184	27699	2.14	ng	# 92
80) Butylbenzylphthalate	13.492	149	432	3.32	ng	# 87

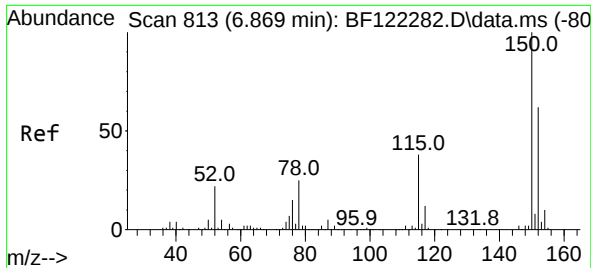
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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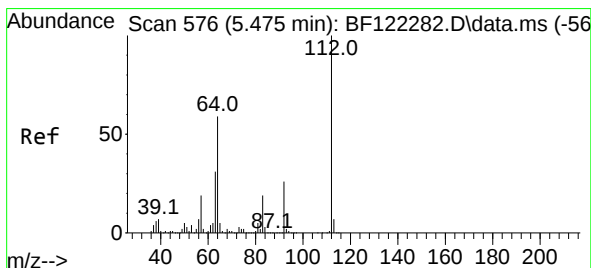
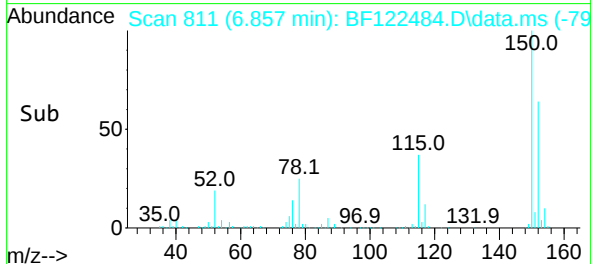
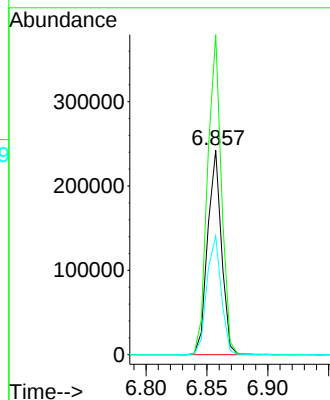
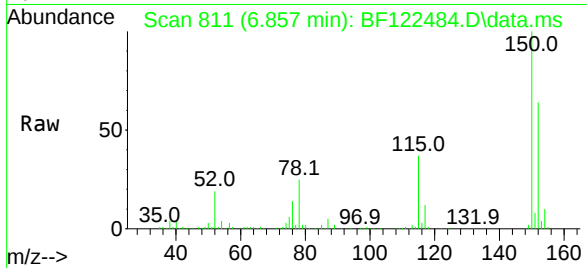




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF122484.D
 Acq: 25 Nov 2020 14:51

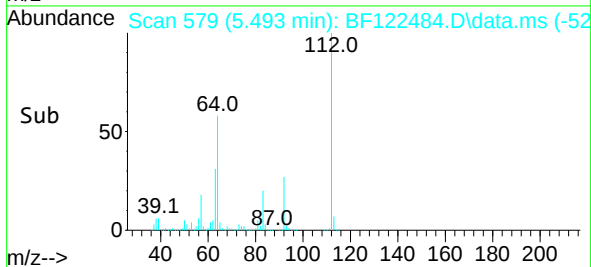
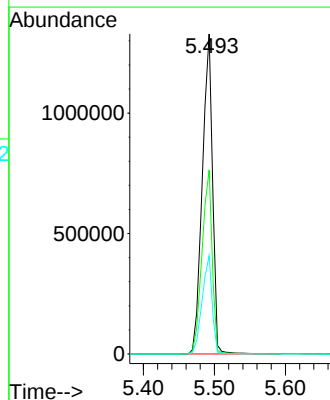
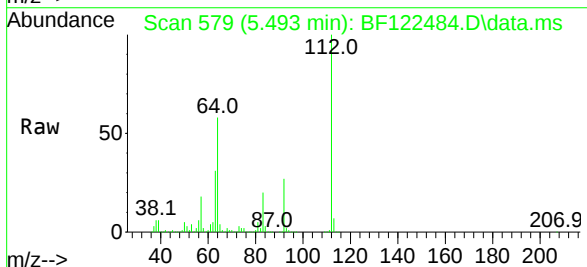
Instrument :
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 ClientSampleId :
 PAV-B48-112320-0-10

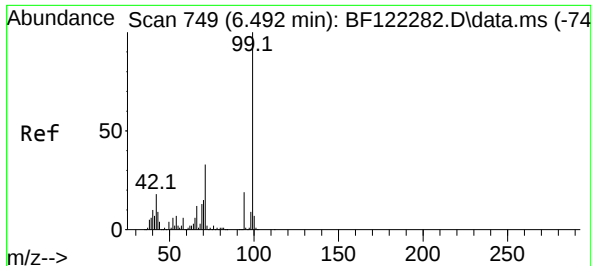
Tgt Ion:152 Resp: 190833
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.3 187.9
 115 58.1 51.9 77.9



#5
 2-Fluorophenol
 Concen: 107.82 ng
 RT: 5.493 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: BF122484.D
 Acq: 25 Nov 2020 14:51

Tgt Ion:112 Resp: 1339999
 Ion Ratio Lower Upper
 112 100
 64 57.5 50.4 75.6
 63 30.7 25.8 38.6

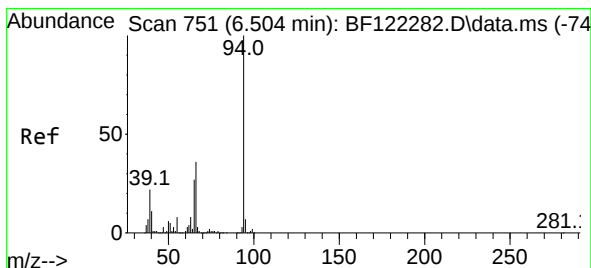
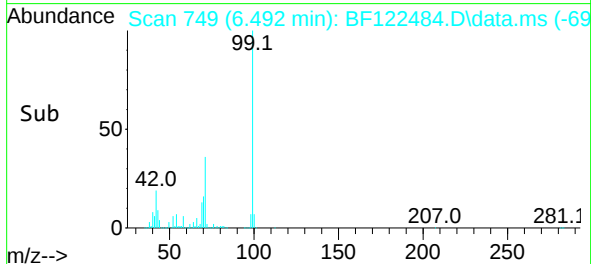
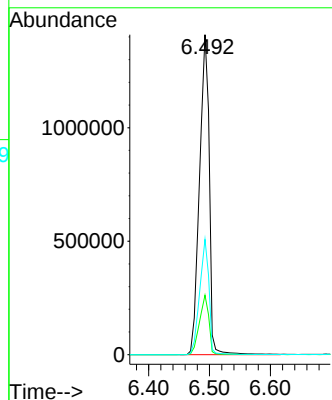
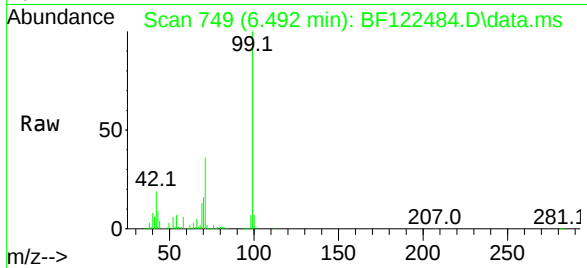




#7
Phenol-d6
Concen: 96.27 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

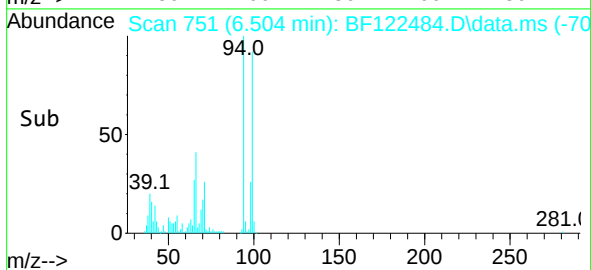
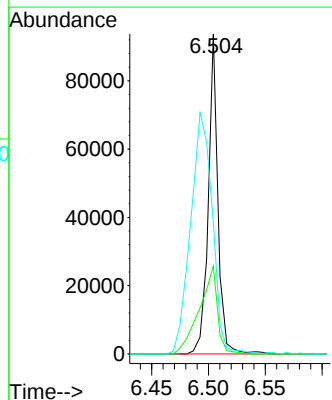
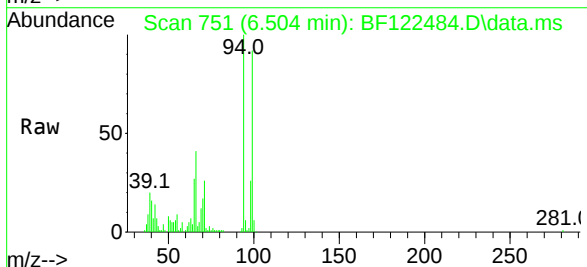
Instrument :
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ClientSampleId :
PAV-B48-112320-0-10

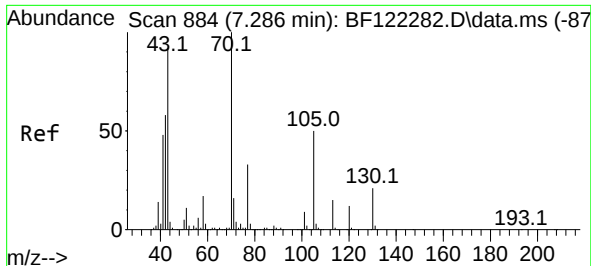
Tgt Ion: 99 Resp: 1565276
Ion Ratio Lower Upper
99 100
42 18.6 15.9 23.9
71 36.0 27.1 40.7



#10
Phenol
Concen: 3.46 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

Tgt Ion: 94 Resp: 55471
Ion Ratio Lower Upper
94 100
65 27.5 17.1 57.1
66 41.2 36.0 76.0

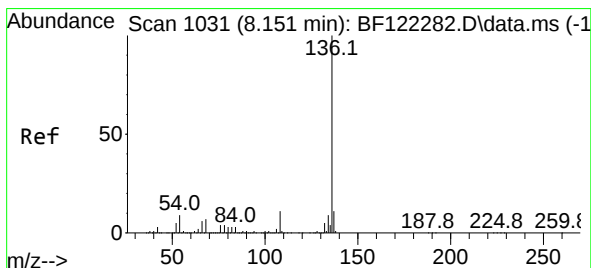
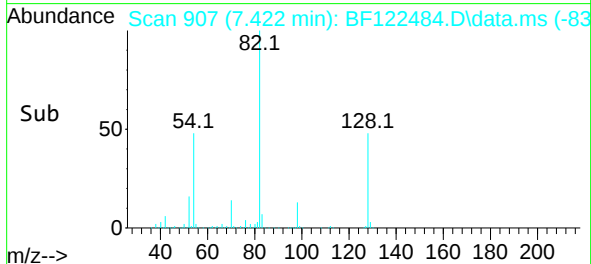
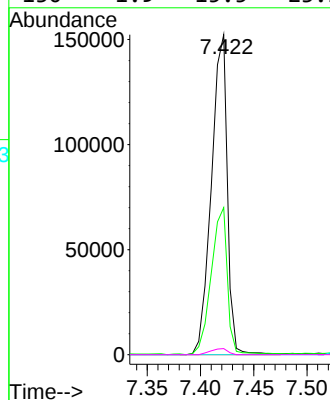
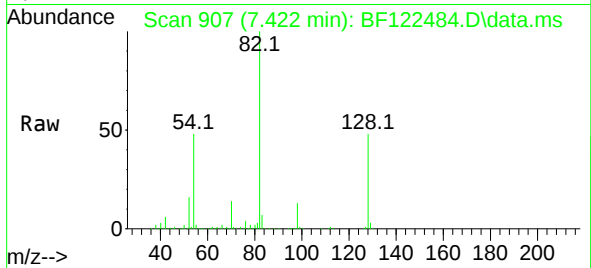




#19
n-Nitroso-di-n-propylamine
Concen: 16.33 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

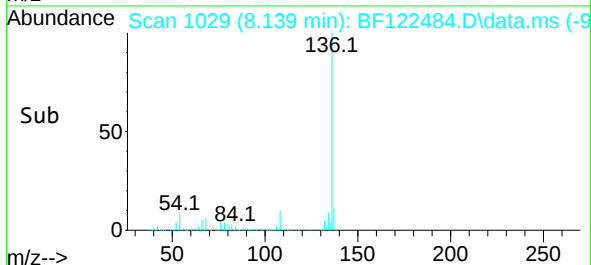
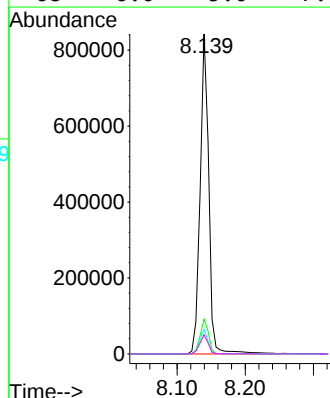
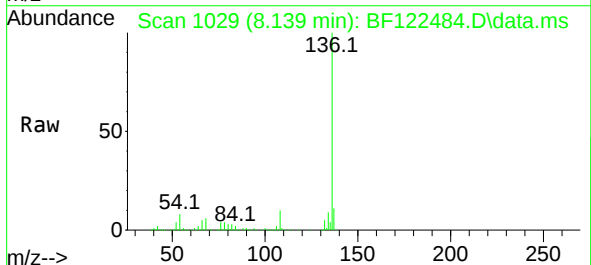
Instrument :
BNA_F
ClientSampleId :
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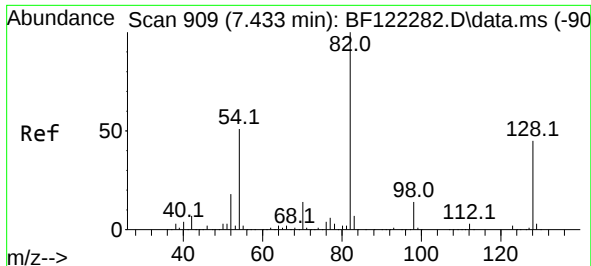
Tgt Ion: 70 Resp: 158691
Ion Ratio Lower Upper
70 100
42 46.0 50.2 75.4#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

Tgt Ion: 136 Resp: 739938
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 7.1 10.7
68 6.0 5.0 7.4

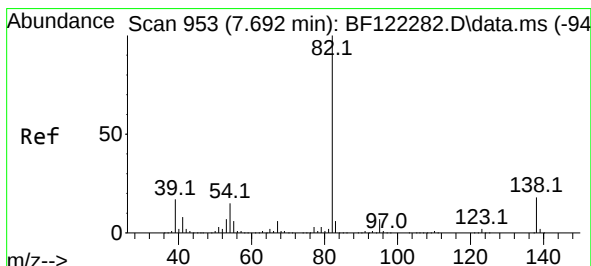
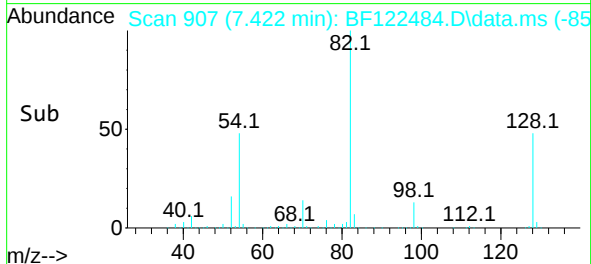
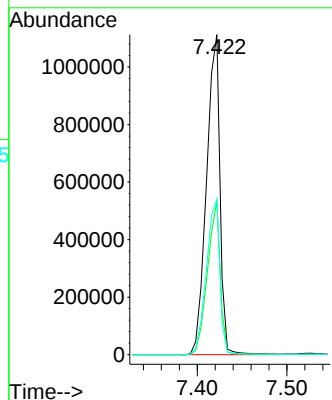
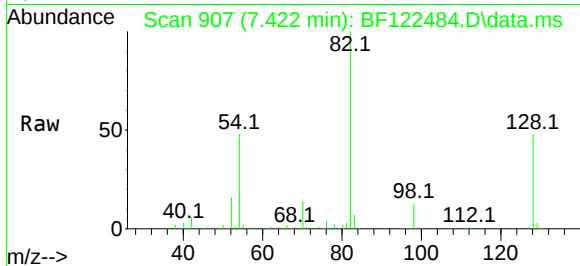




#23
Nitrobenzene-d5
Concen: 95.98 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

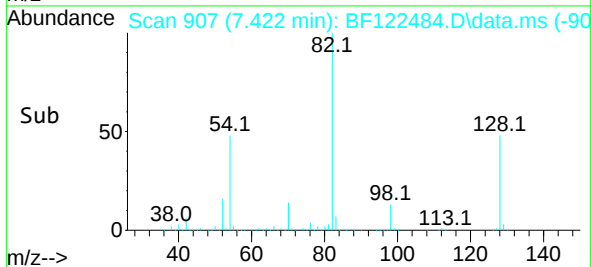
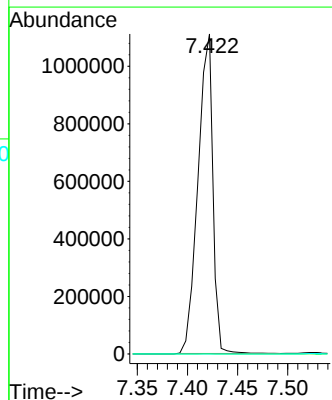
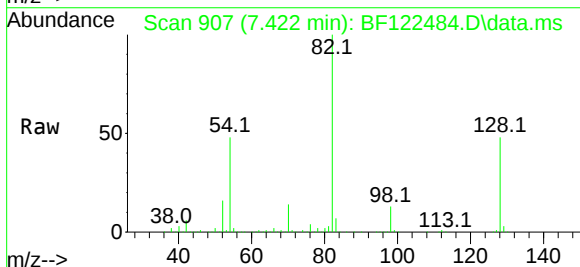
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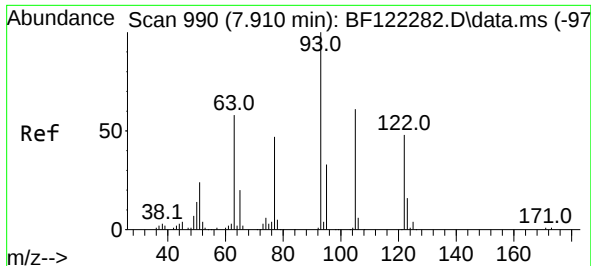
Tgt Ion: 82 Resp: 1160030
Ion Ratio Lower Upper
82 100
128 48.1 35.0 52.4
54 48.5 43.9 65.9



#25
Isophorone
Concen: 42.61 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

Tgt Ion: 82 Resp: 1148146
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

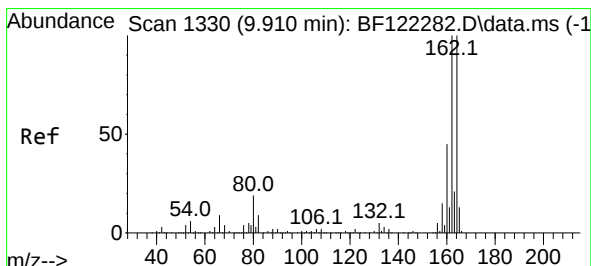
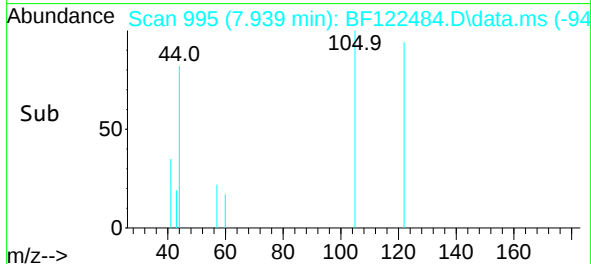
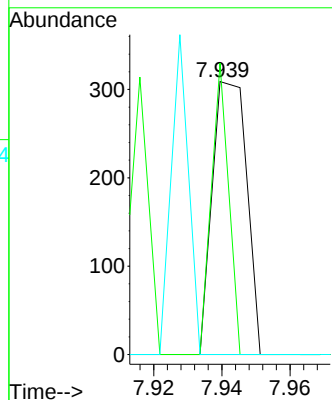
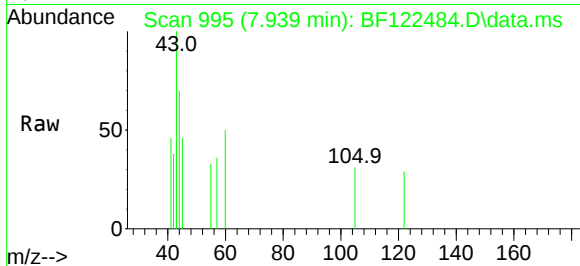




#32
Benzoic acid
Concen: 7.99 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

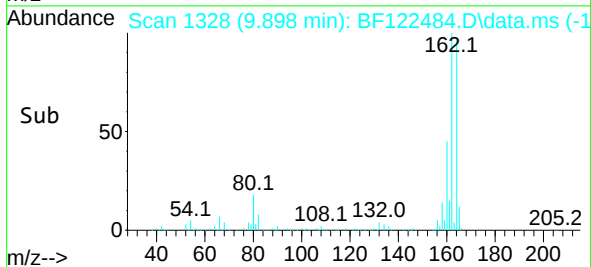
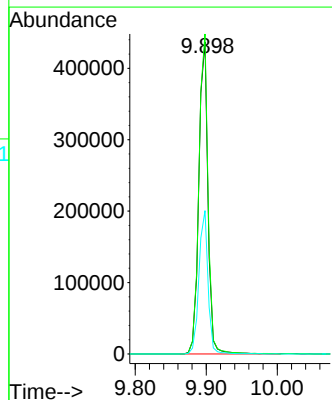
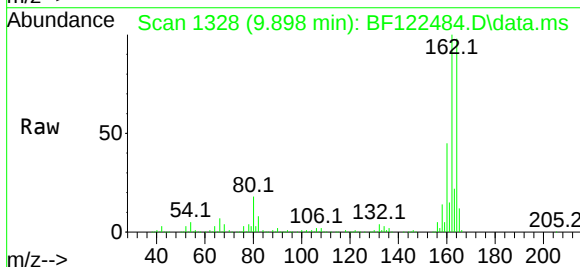
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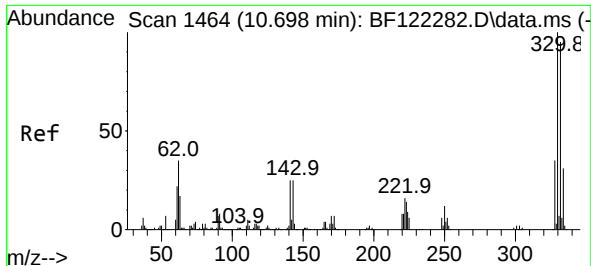
Tgt Ion:122 Resp: 216
Ion Ratio Lower Upper
122 100
105 106.8 103.3 143.3
77 0.0 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

Tgt Ion:164 Resp: 392383
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 45.9 37.5 56.3

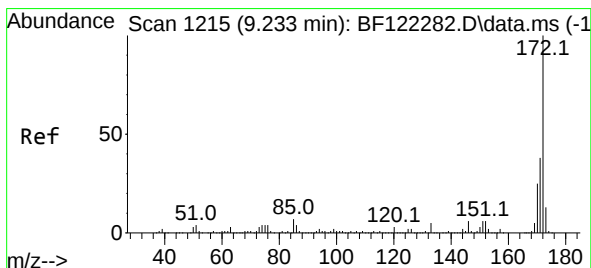
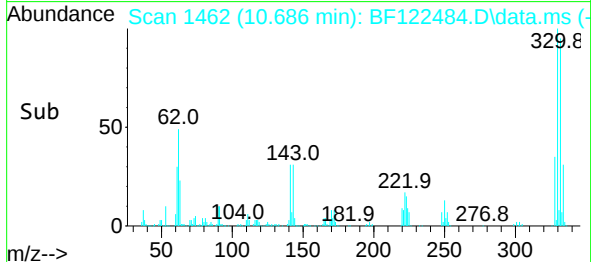
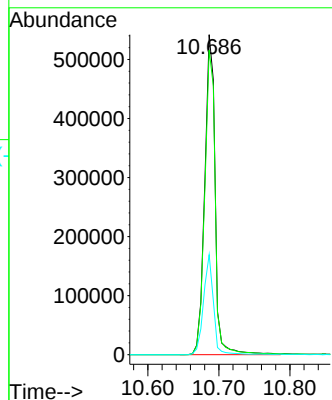
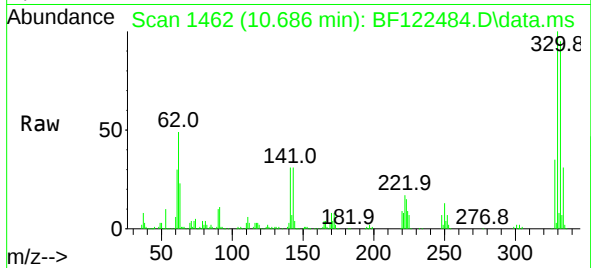




#42
2,4,6-Tribromophenol
Concen: 131.51 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

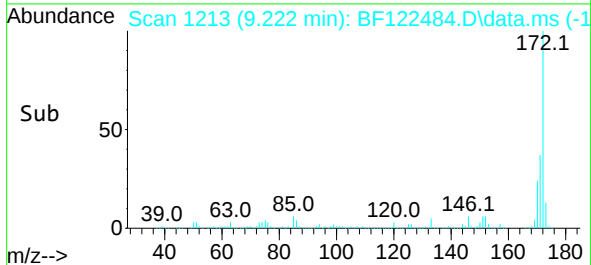
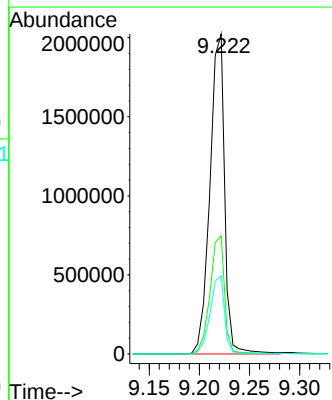
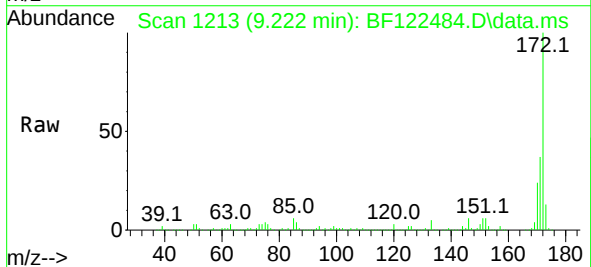
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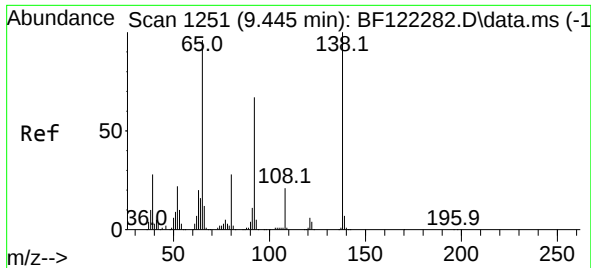
Tgt Ion: 330 Resp: 553841
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 29.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 82.23 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

Tgt Ion: 172 Resp: 2065076
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 24.5 19.8 29.6

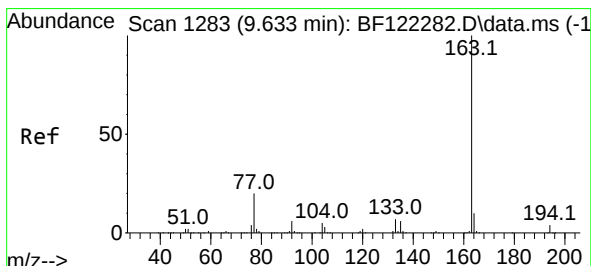
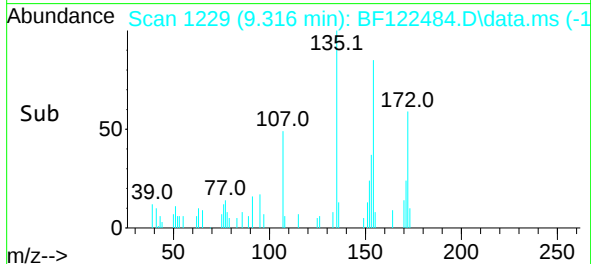
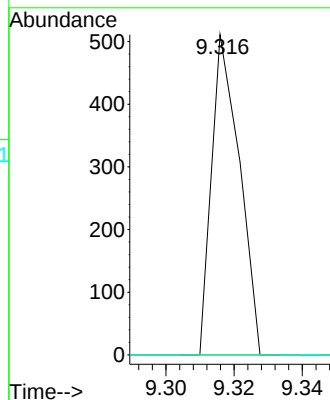
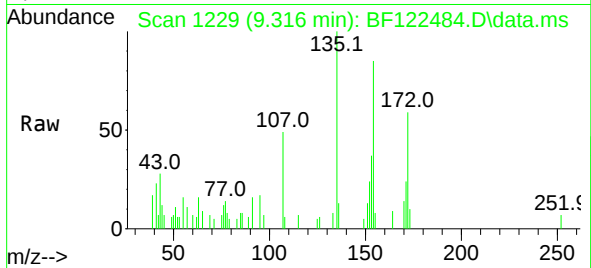




#48
2-Nitroaniline
Concen: 5.20 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.129 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

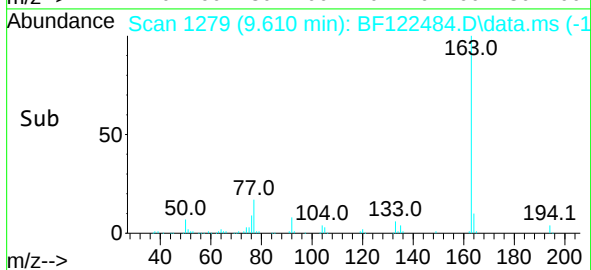
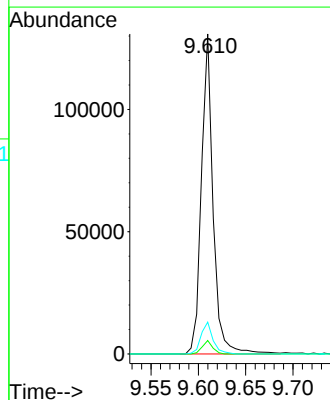
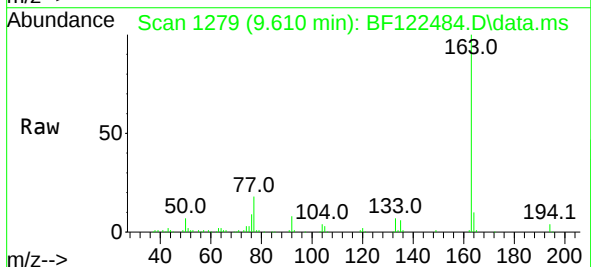
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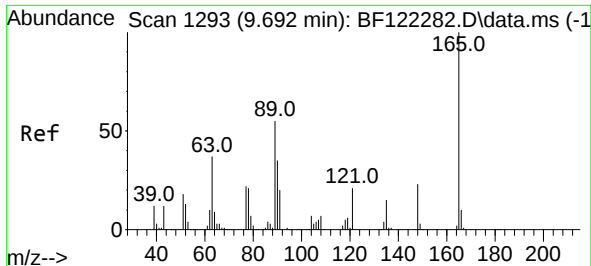
Tgt Ion: 65 Resp: 289
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 4.05 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

Tgt Ion: 163 Resp: 112933
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.2 12.4

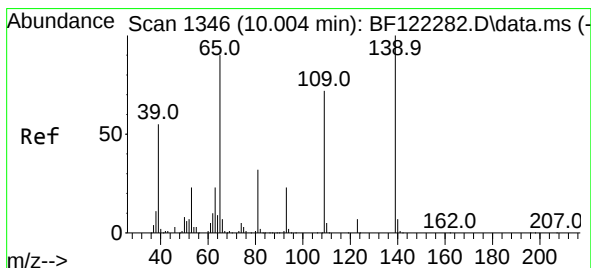
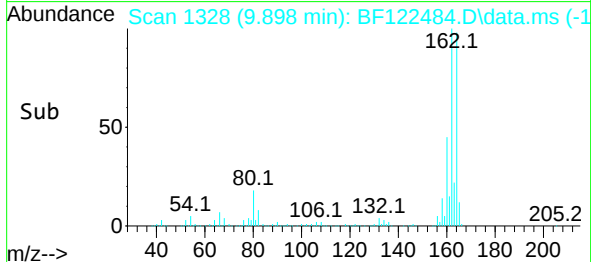
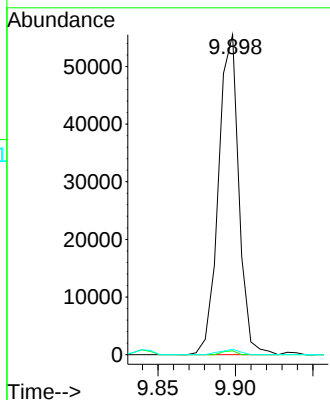
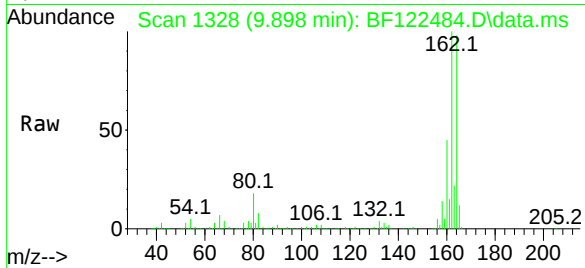




#51
2,6-Dinitrotoluene
Concen: 11.33 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

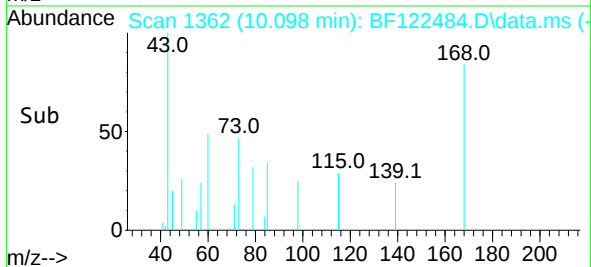
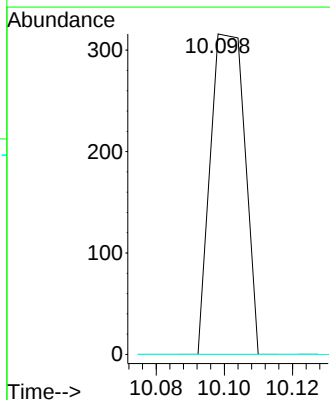
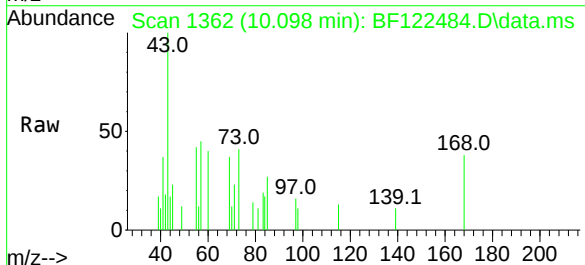
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-0-10

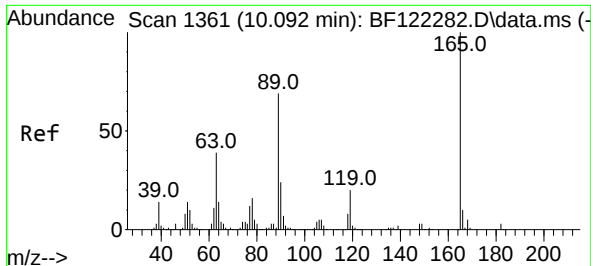
Tgt Ion:165 Resp: 50660
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.7 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.44 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.082 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

Tgt Ion:139 Resp: 222
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#

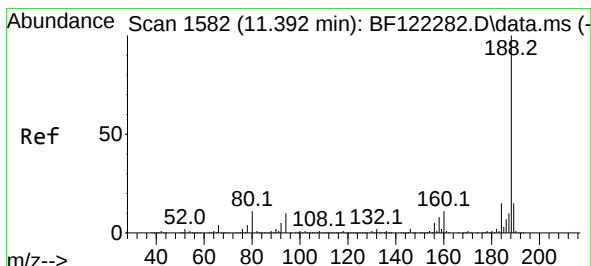
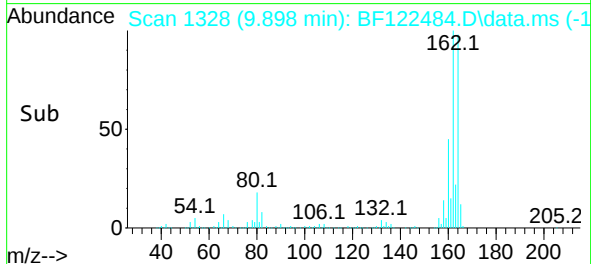
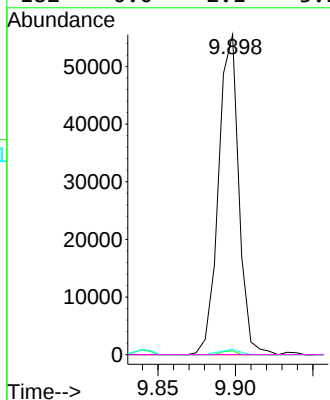
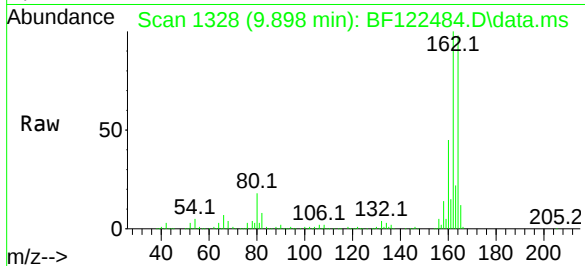




#57
2,4-Dinitrotoluene
Concen: 10.56 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

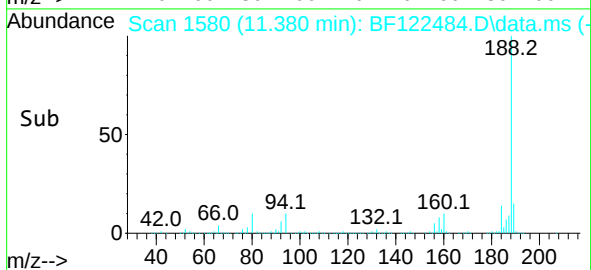
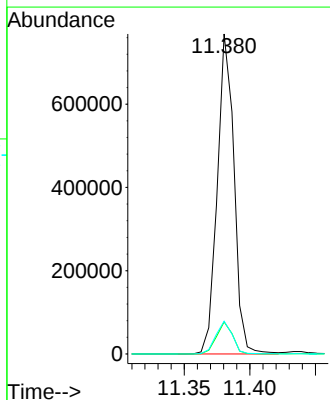
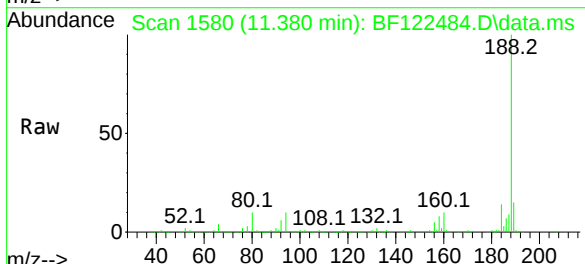
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-0-10

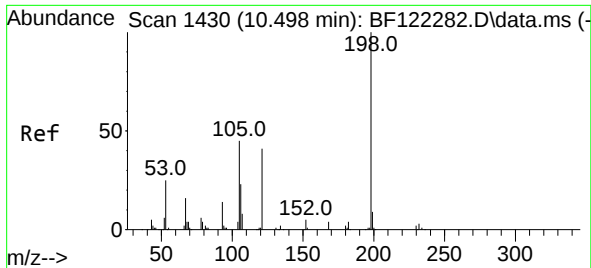
Tgt Ion:165 Resp: 50660
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

Tgt Ion:188 Resp: 681222
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.3 9.1 13.7

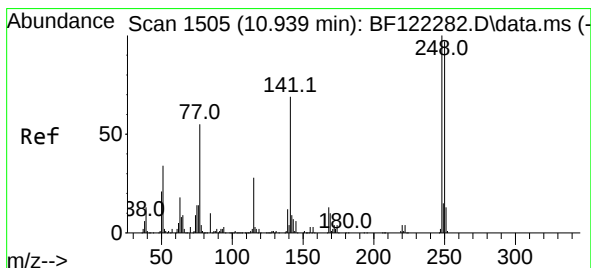
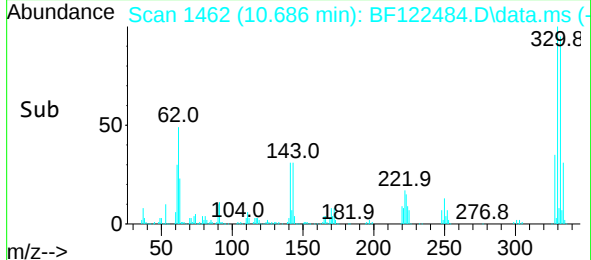
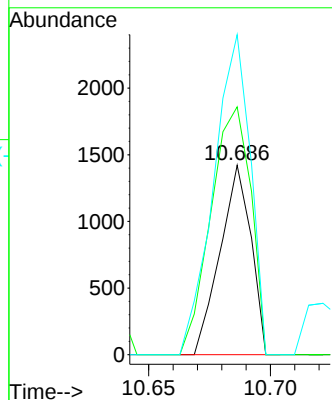
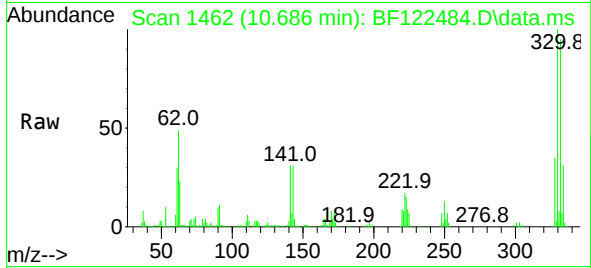




#65
4,6-Dinitro-2-methylphenol
Concen: 6.68 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

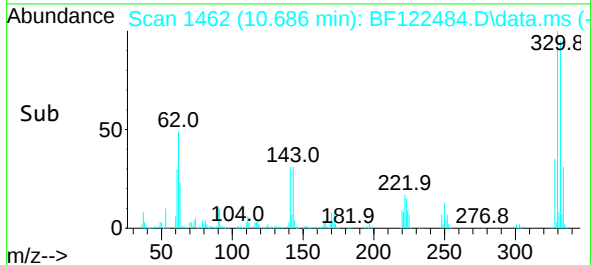
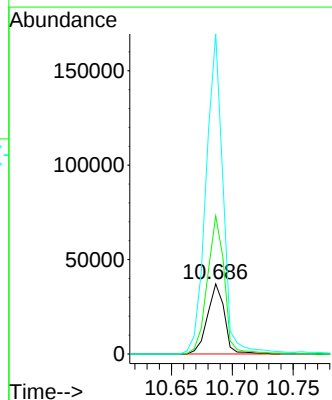
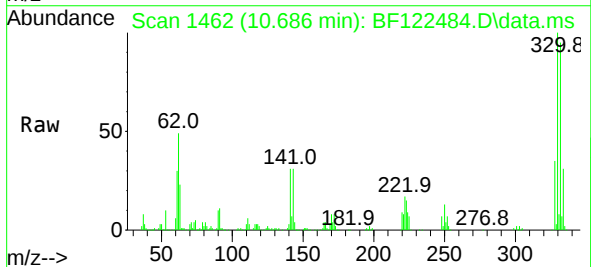
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-0-10

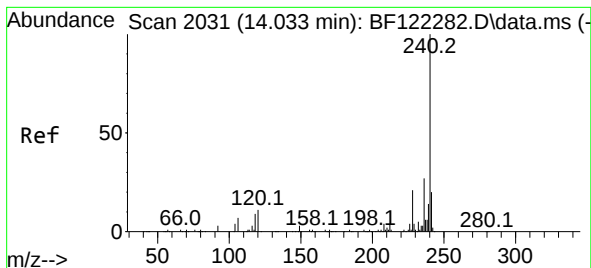
Tgt Ion:198 Resp: 1252
Ion Ratio Lower Upper
198 100
51 130.9 29.6 69.6#
105 169.0 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

Tgt Ion:248 Resp: 35893
Ion Ratio Lower Upper
248 100
250 197.0 77.0 115.6#
141 456.7 53.7 80.5#

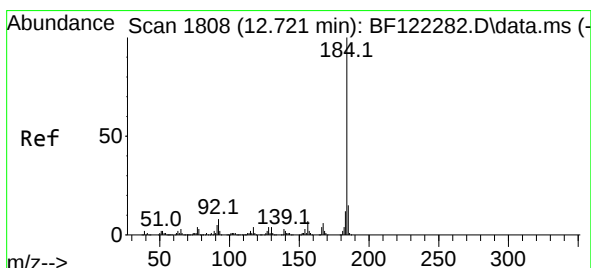
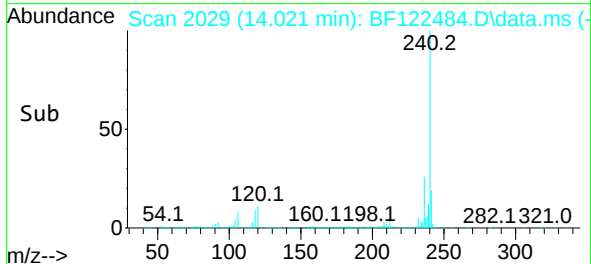
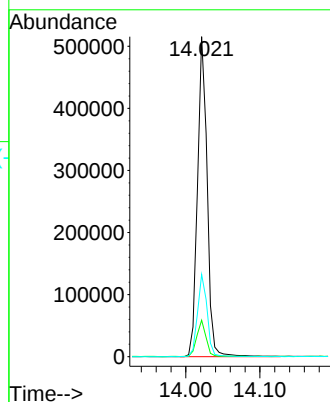
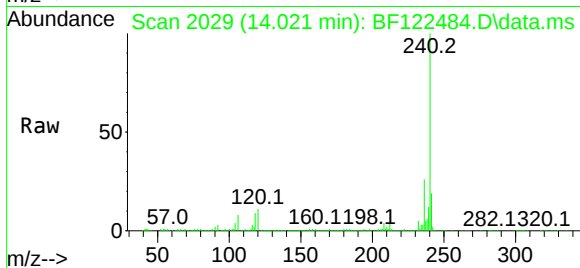




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

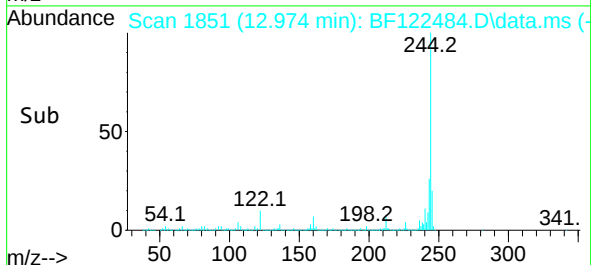
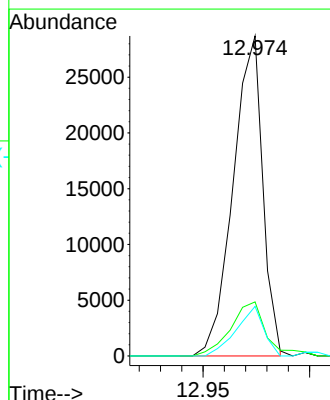
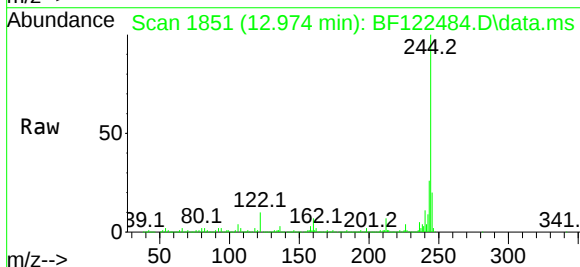
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-0-10

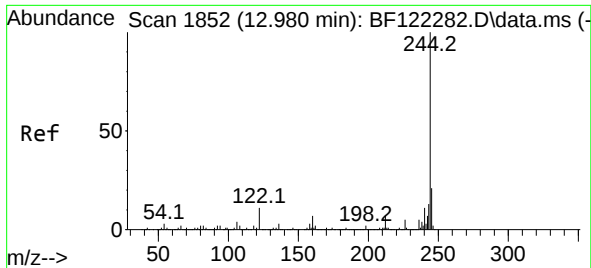
Tgt Ion:240 Resp: 465647
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.7 20.9 31.3



#77
Benzidine
Concen: 2.14 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF122484.D
Acq: 25 Nov 2020 14:51

Tgt Ion:184 Resp: 27699
Ion Ratio Lower Upper
184 100
185 16.9 11.6 17.4
183 15.5 9.4 14.0#

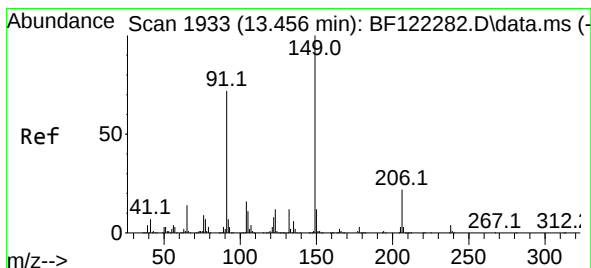
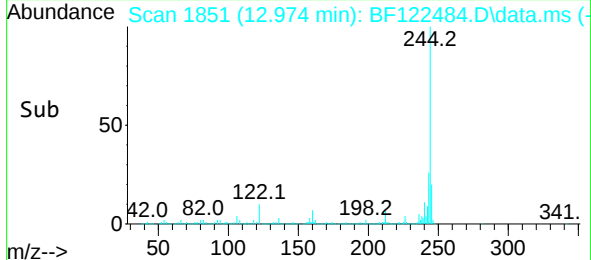
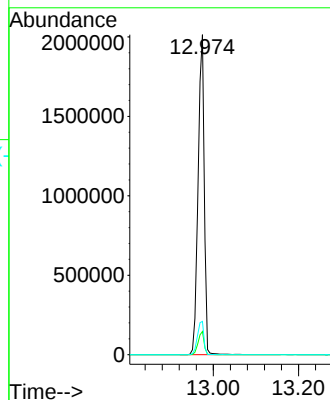
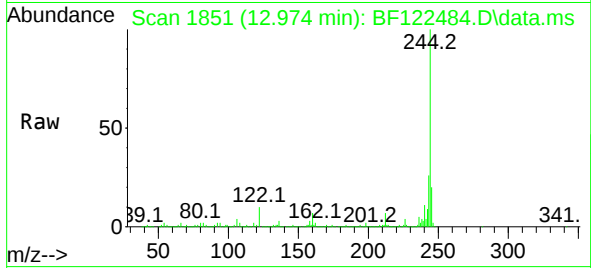




#79
 Terphenyl-d14
 Concen: 91.62 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF122484.D
 Acq: 25 Nov 2020 14:51

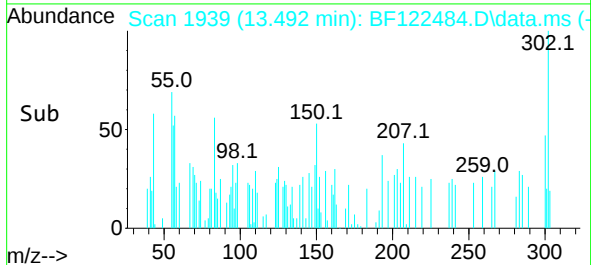
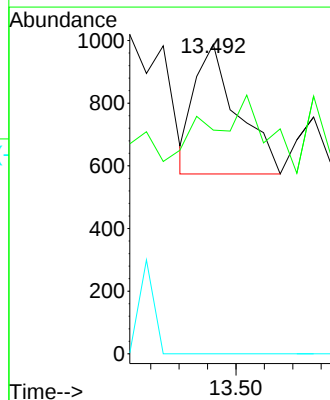
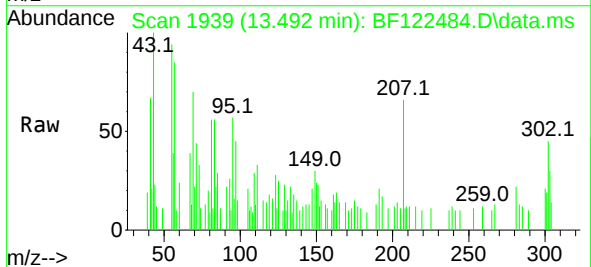
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B48-112320-0-10

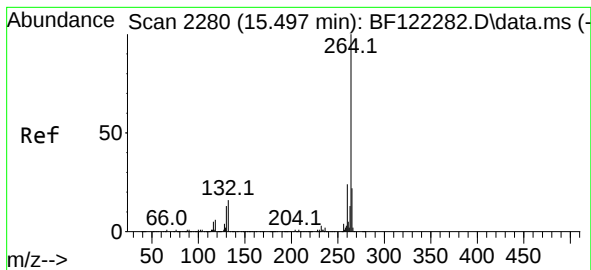
Tgt Ion:244 Resp: 2013913
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.4 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.32 ng
 RT: 13.492 min Scan# 1939
 Delta R.T. 0.041 min
 Lab File: BF122484.D
 Acq: 25 Nov 2020 14:51

Tgt Ion:149 Resp: 432
 Ion Ratio Lower Upper
 149 100
 91 72.3 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: BF122484.D
 Acq: 25 Nov 2020 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B48-112320-0-10

Tgt Ion:264 Resp: 493020
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 23.2 17.3 25.9

