

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122487.D
 Acq On : 25 Nov 2020 16:25
 Operator : JU/CG
 Sample : L4882-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B48-112320-10-16.5

Quant Time: Nov 25 17:06:46 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)

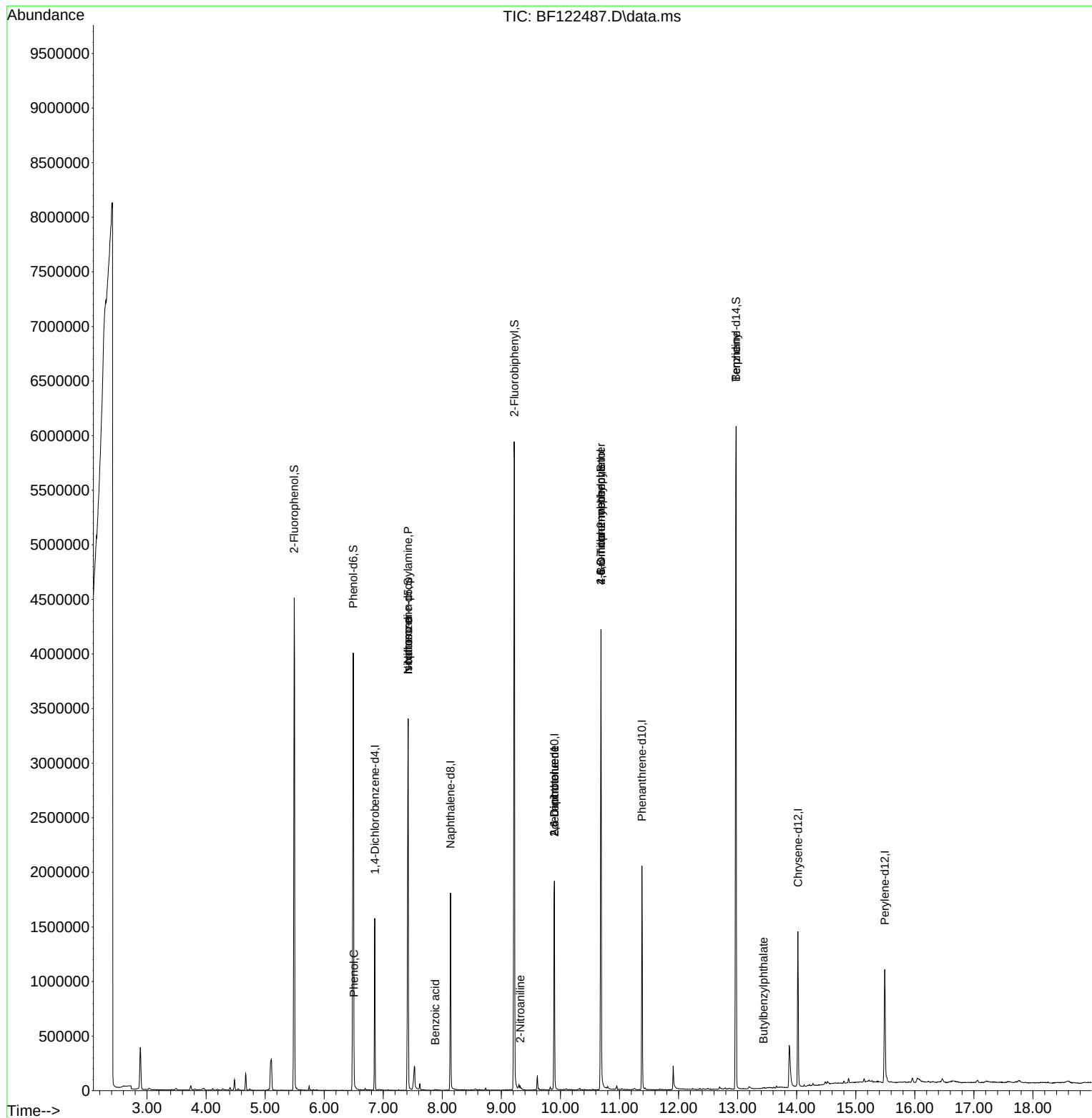
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	203848	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	791275	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	413995	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	723467	20.00	ng	0.00
76) Chrysene-d12	14.021	240	486254	20.00	ng	-0.01
86) Perylene-d12	15.492	264	497367	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1385037	104.33	ng	0.01
7) Phenol-d6	6.492	99	1577831	90.85	ng	0.00
23) Nitrobenzene-d5	7.422	82	1198582	92.73	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	575779	129.58	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2150820	81.17	ng	0.00
79) Terphenyl-d14	12.974	244	2075274	90.42	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.492	77	2727	Below Cal	#	3
10) Phenol	6.504	94	49266	2.88	ng	80
19) n-Nitroso-di-n-propyla...	7.422	70	162512	15.66	ng	# 74
25) Isophorone	7.422	82	1183642	41.08	ng	# 67
32) Benzoic acid	7.881	122	2386	8.23	ng	86
48) 2-Nitroaniline	9.322	65	325	5.21	ng	# 6
51) 2,6-Dinitrotoluene	9.898	165	53332	11.31	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	53332	10.55	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1217	6.64	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	36688	4.32	ng	# 1
77) Benzidine	12.974	184	27225	2.02	ng	# 89
80) Butylbenzylphthalate	13.439	149	281	3.31	ng	# 88

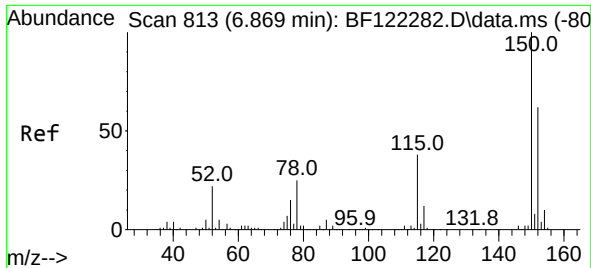
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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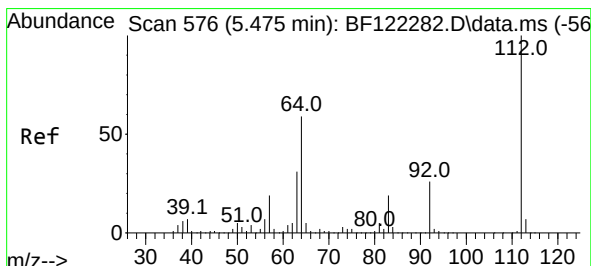
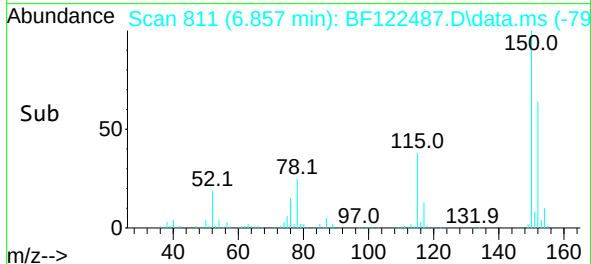
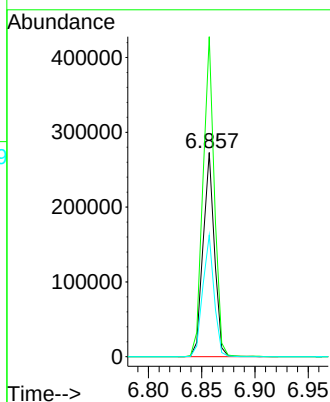
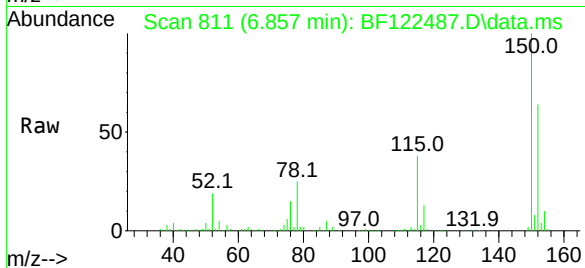




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

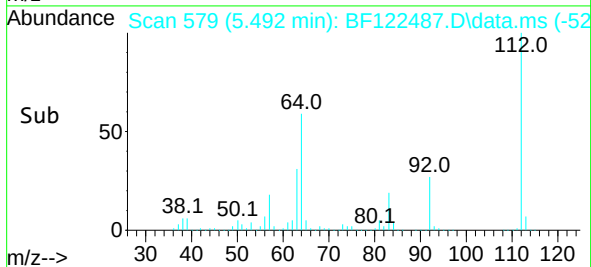
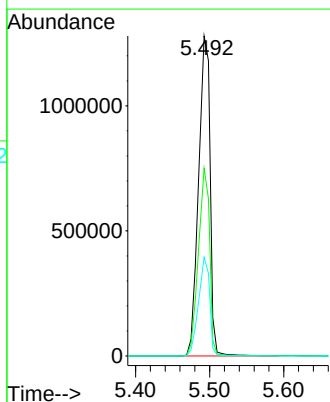
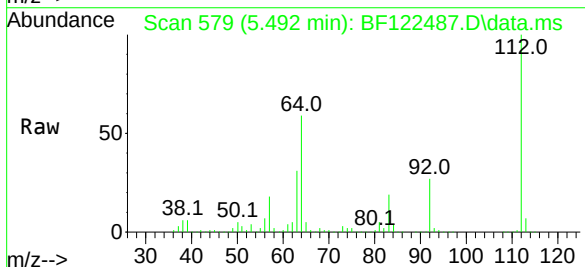
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

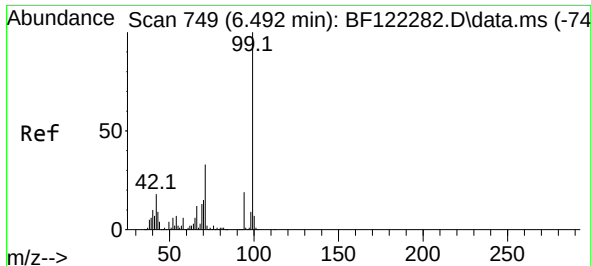
Tgt Ion:152 Resp: 203848
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 59.6 51.9 77.9



#5
2-Fluorophenol
Concen: 104.33 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

Tgt Ion:112 Resp: 1385037
Ion Ratio Lower Upper
112 100
64 58.6 50.4 75.6
63 30.9 25.8 38.6

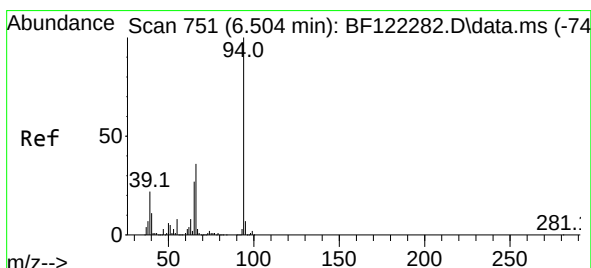
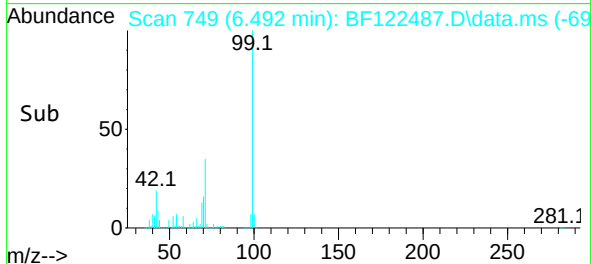
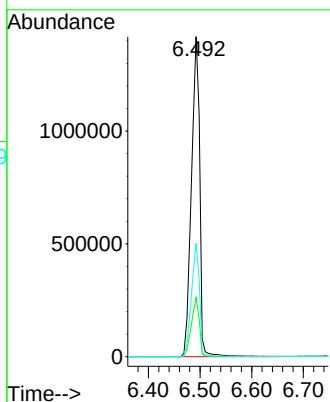
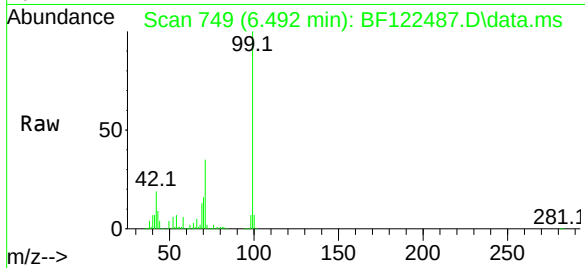




#7
Phenol-d6
Concen: 90.85 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

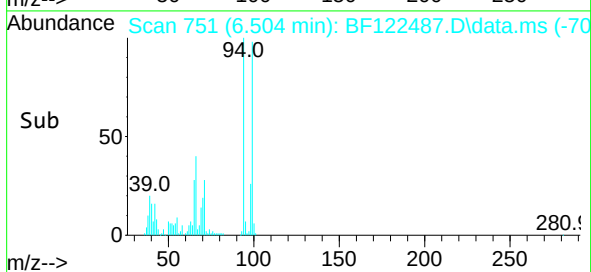
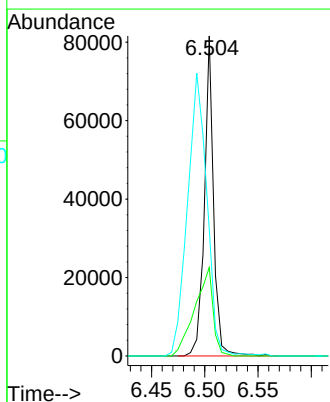
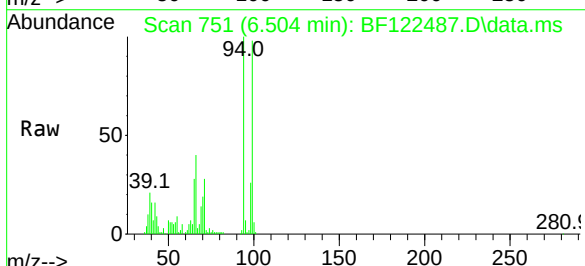
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

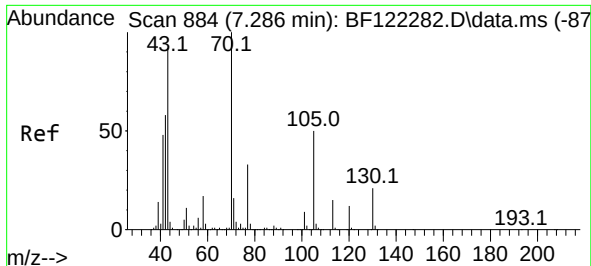
Tgt Ion: 99 Resp: 1577831
Ion Ratio Lower Upper
99 100
42 18.5 15.9 23.9
71 35.4 27.1 40.7



#10
Phenol
Concen: 2.88 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

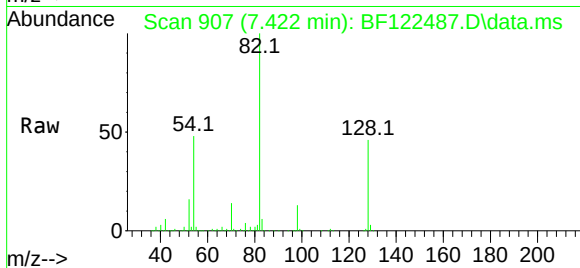
Tgt Ion: 94 Resp: 49266
Ion Ratio Lower Upper
94 100
65 27.6 17.1 57.1
66 39.7 36.0 76.0



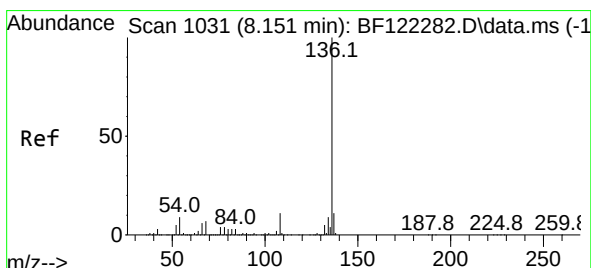
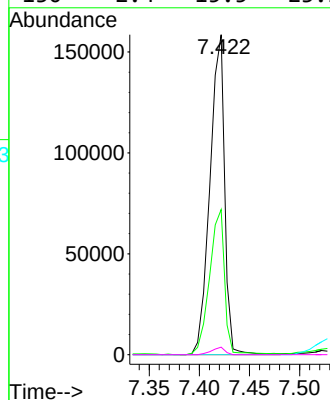
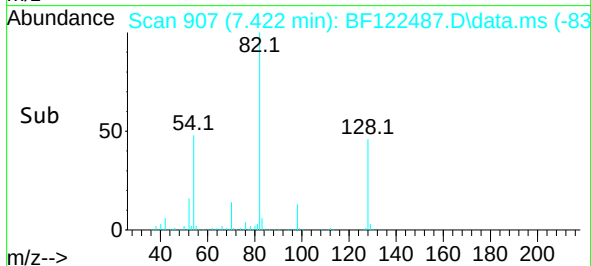


#19
n-Nitroso-di-n-propylamine
Concen: 15.66 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

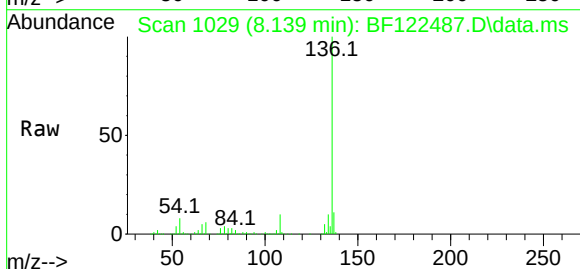
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5



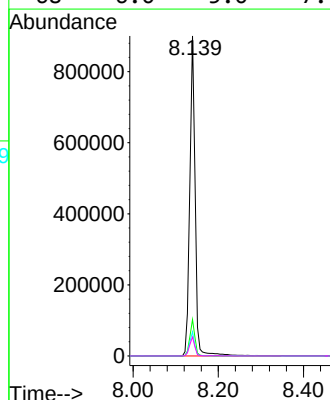
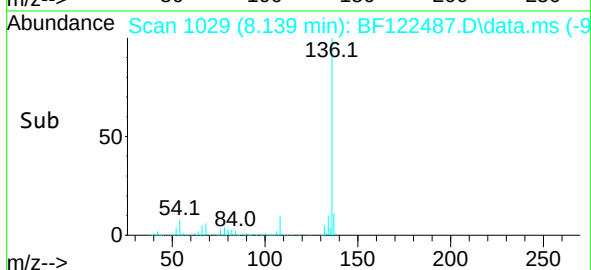
Tgt Ion: 70 Resp: 162512
Ion Ratio Lower Upper
70 100
42 45.4 50.2 75.4#
101 0.0 7.5 11.3#
130 2.4 15.5 23.3#

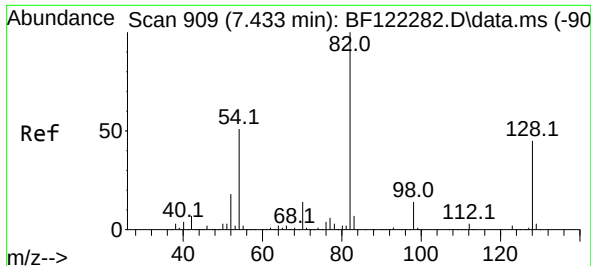


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25



Tgt Ion: 136 Resp: 791275
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 7.6 7.1 10.7
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 92.73 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF122487.D

Acq: 25 Nov 2020 16:25

Tgt Ion: 82 Resp: 1198582

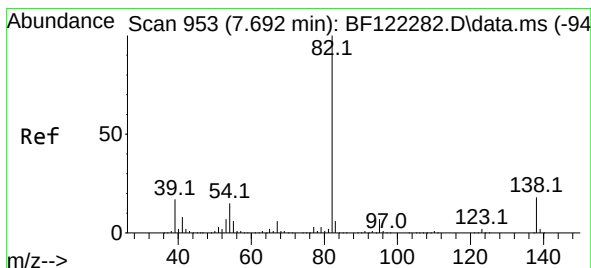
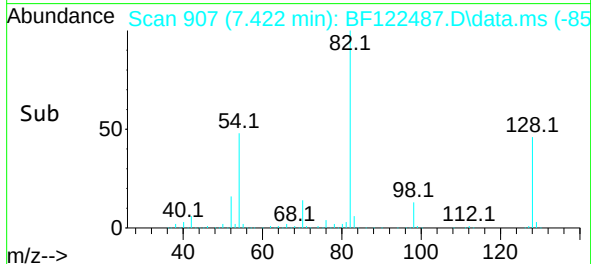
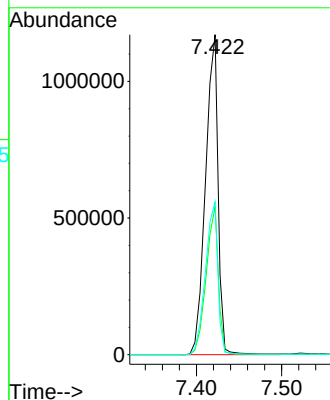
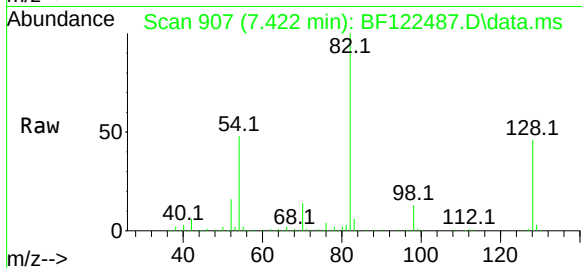
Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.0	52.4
54	47.8	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

PAV-B48-112320-10-16.5



#25

Isophorone

Concen: 41.08 ng

RT: 7.422 min Scan# 907

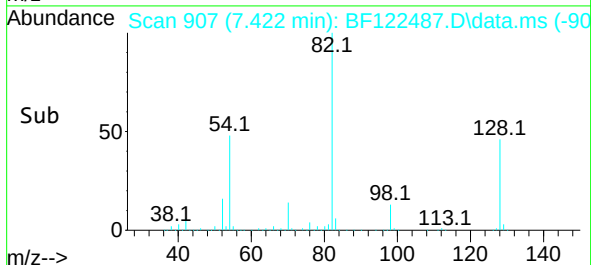
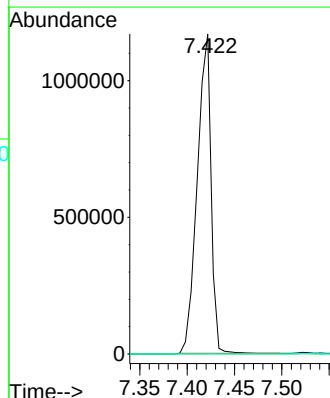
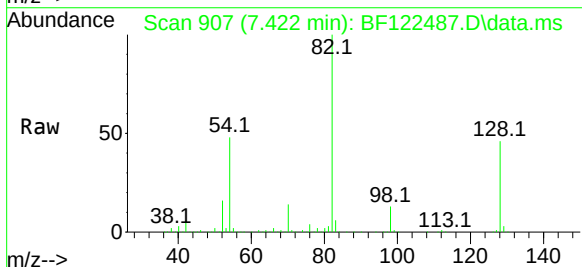
Delta R.T. -0.265 min

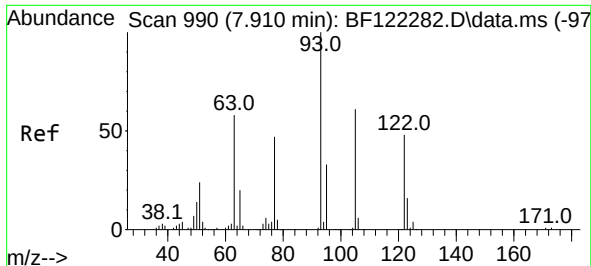
Lab File: BF122487.D

Acq: 25 Nov 2020 16:25

Tgt Ion: 82 Resp: 1183642

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

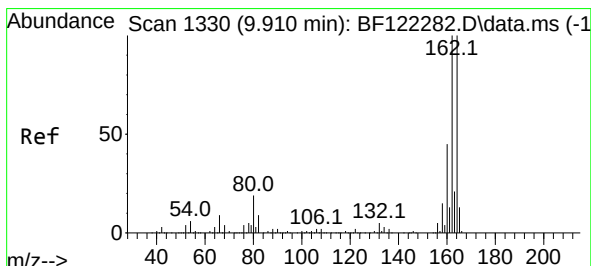
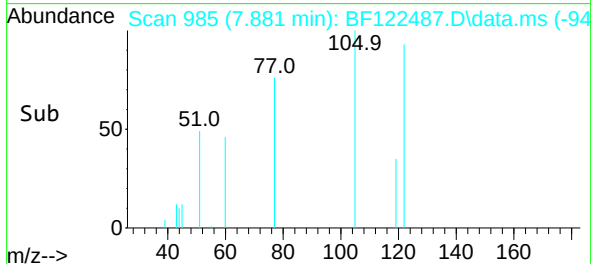
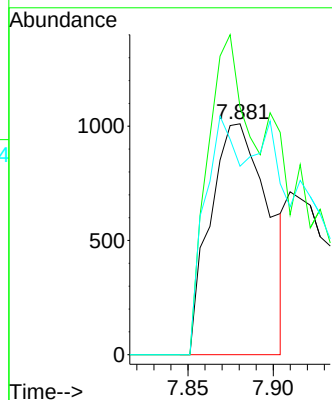
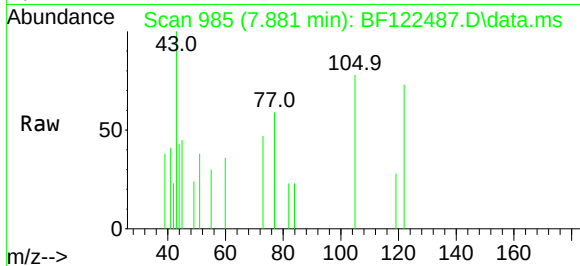




#32
Benzoic acid
Concen: 8.23 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.053 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

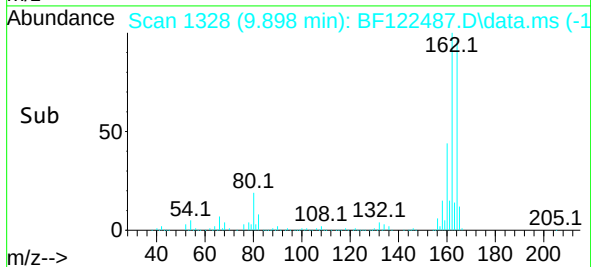
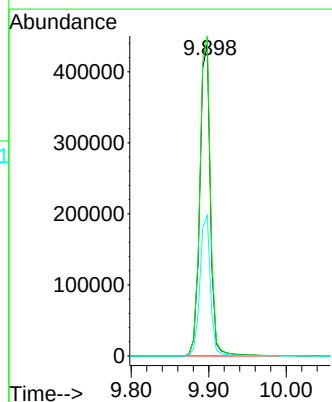
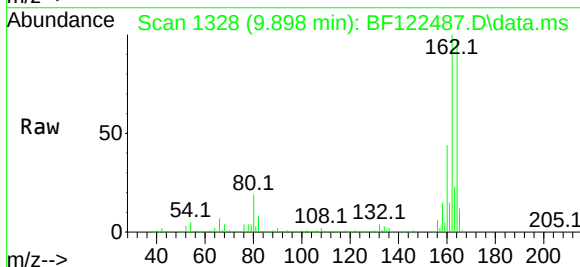
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ClientSampleId :
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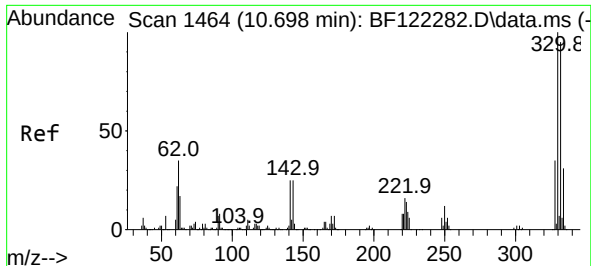
Tgt Ion:122 Resp: 2386
Ion Ratio Lower Upper
122 100
105 107.1 103.3 143.3
77 81.6 73.9 113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

Tgt Ion:164 Resp: 413995
Ion Ratio Lower Upper
164 100
162 102.9 83.2 124.8
160 45.2 37.5 56.3

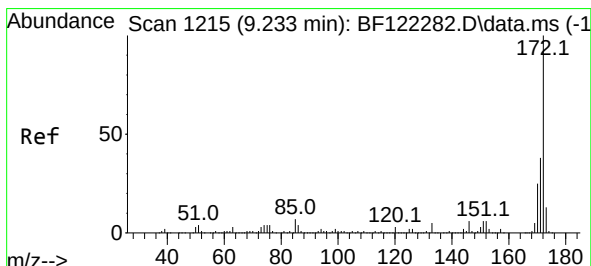
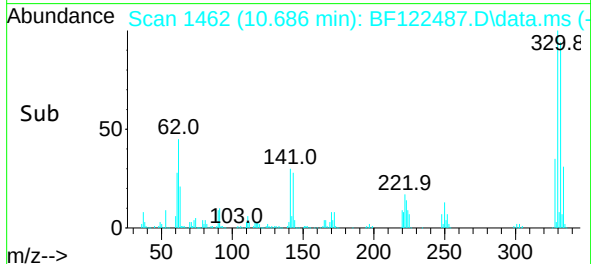
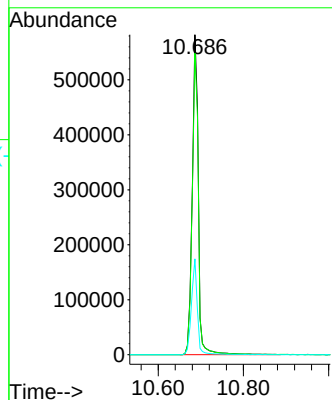
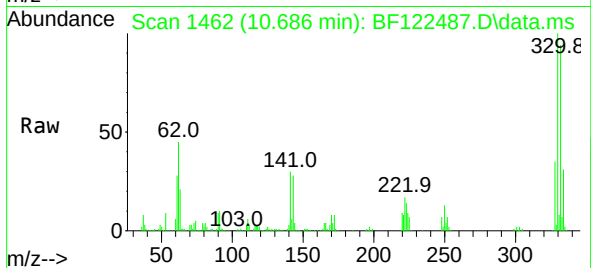




#42
 2,4,6-Tribromophenol
 Concen: 129.58 ng
 RT: 10.686 min Scan# 1462
 Delta R.T. -0.006 min
 Lab File: BF122487.D
 Acq: 25 Nov 2020 16:25

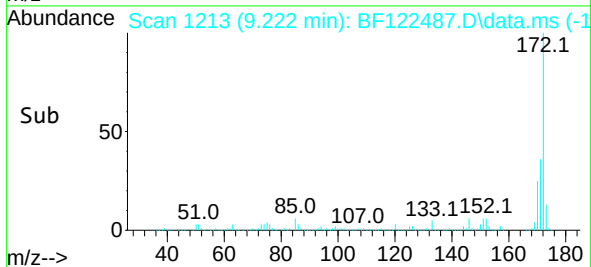
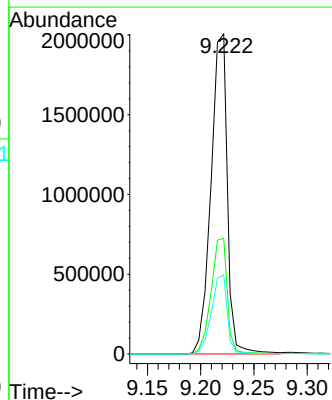
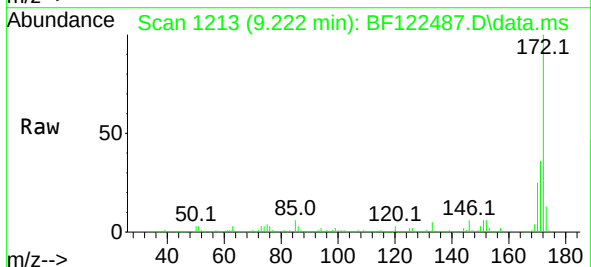
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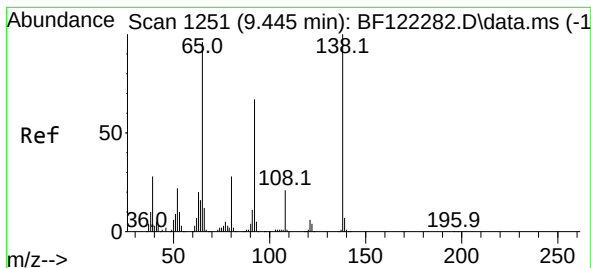
Tgt Ion: 330 Resp: 575779
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 29.3 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 81.17 ng
 RT: 9.222 min Scan# 1213
 Delta R.T. -0.000 min
 Lab File: BF122487.D
 Acq: 25 Nov 2020 16:25

Tgt Ion: 172 Resp: 2150820
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.1 43.7
 170 24.8 19.8 29.6

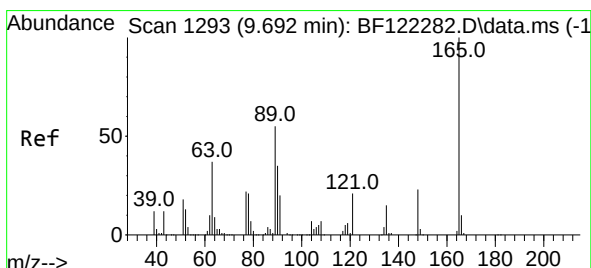
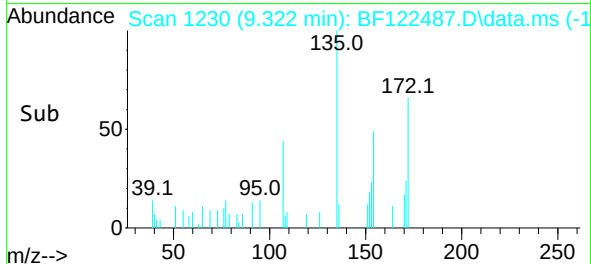
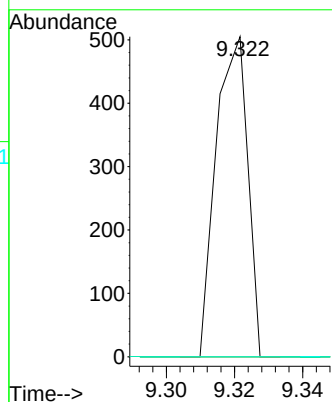
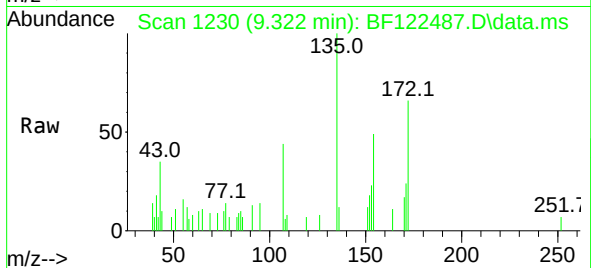




#48
2-Nitroaniline
Concen: 5.21 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.124 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

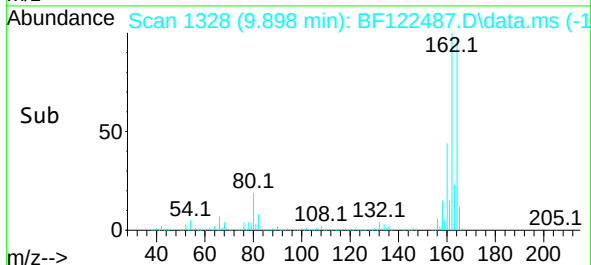
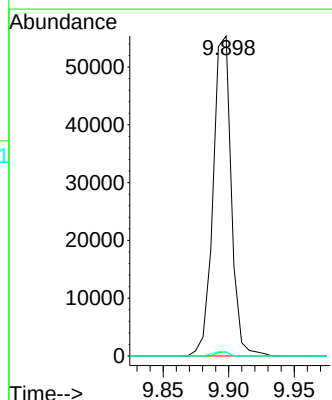
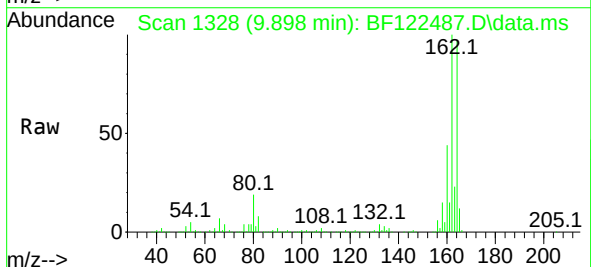
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

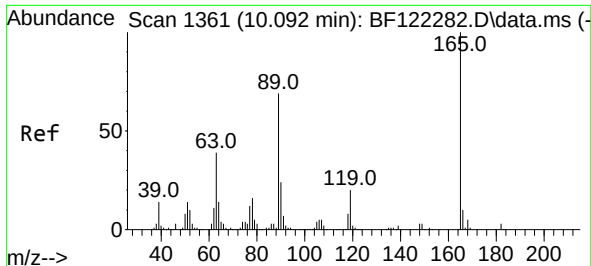
Tgt Ion: 65 Resp: 325
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.31 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

Tgt Ion: 165 Resp: 53332
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.2 49.0 73.6#

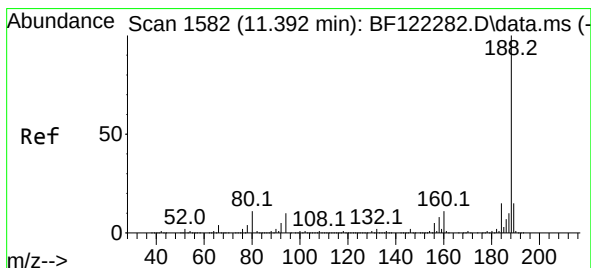
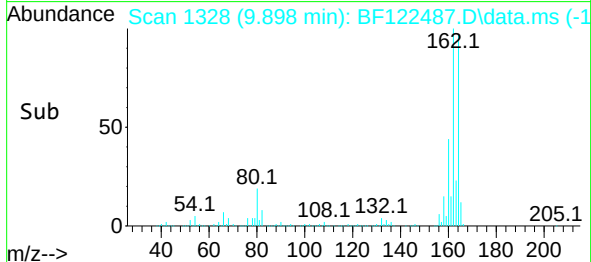
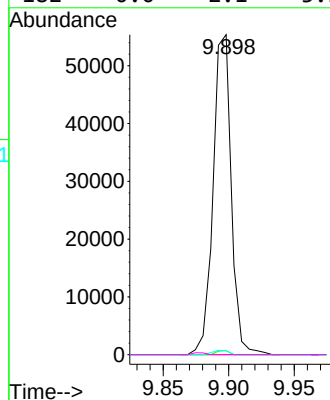
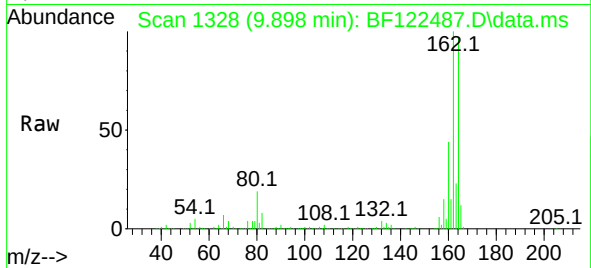




#57
2,4-Dinitrotoluene
Concen: 10.55 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

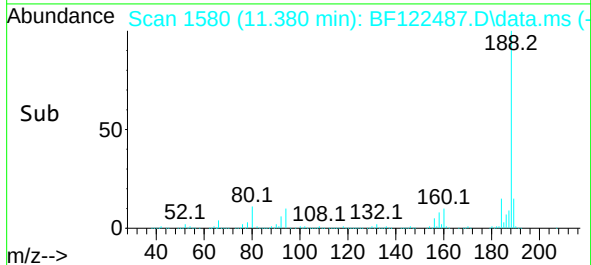
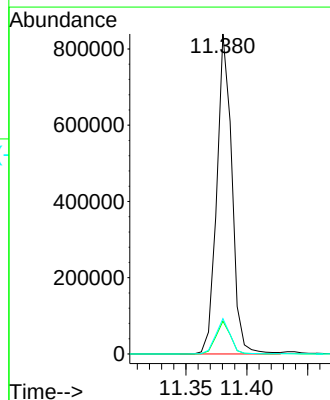
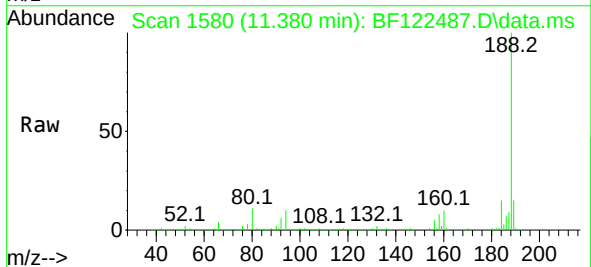
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

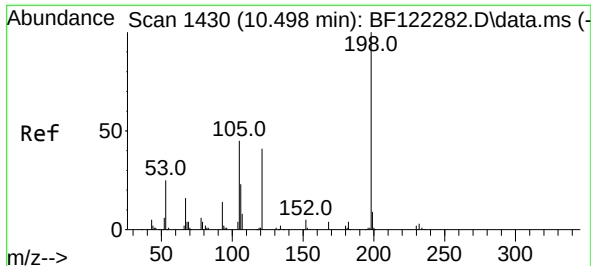
Tgt Ion:165	Resp:	53332
Ion Ratio	Lower	Upper
165	100	
63	1.2	41.3 61.9#
89	1.2	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

Tgt Ion:188	Resp:	723467
Ion Ratio	Lower	Upper
188	100	
94	10.2	8.3 12.5
80	11.1	9.1 13.7

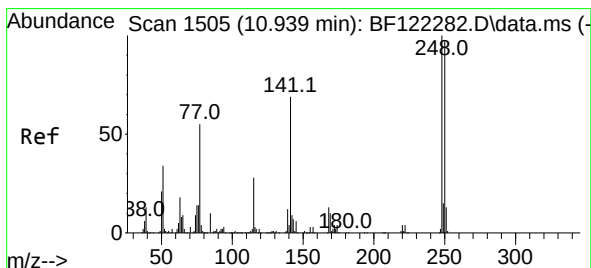
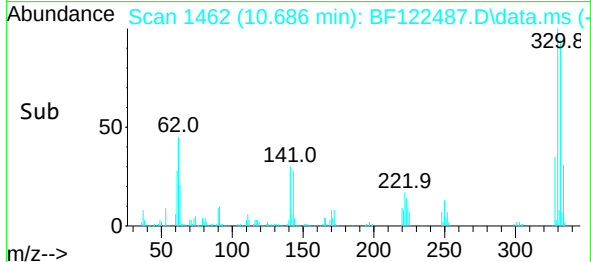
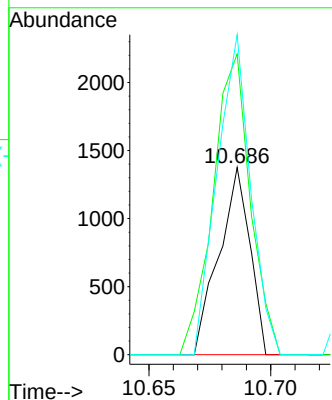
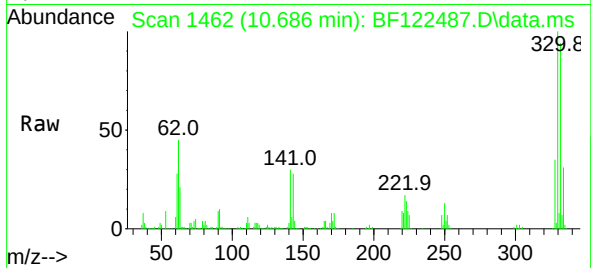




#65
4,6-Dinitro-2-methylphenol
Concen: 6.64 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

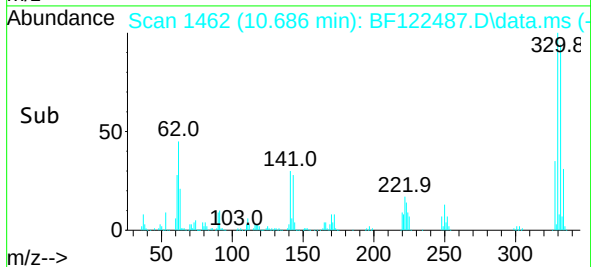
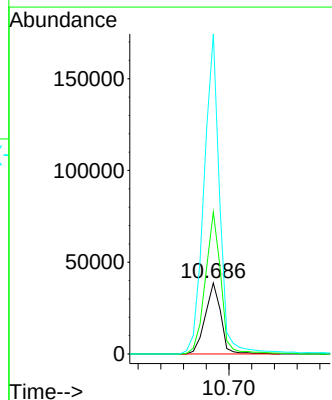
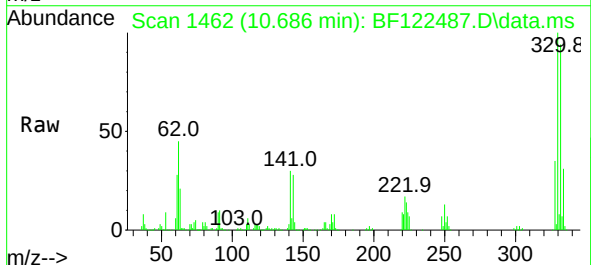
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

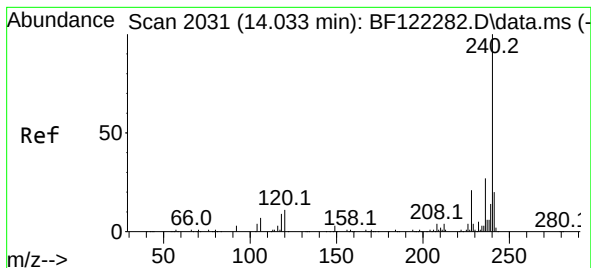
Tgt Ion:198 Resp: 1217
Ion Ratio Lower Upper
198 100
51 160.7 29.6 69.6#
105 170.9 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.32 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

Tgt Ion:248 Resp: 36688
Ion Ratio Lower Upper
248 100
250 199.9 77.0 115.6#
141 450.5 53.7 80.5#

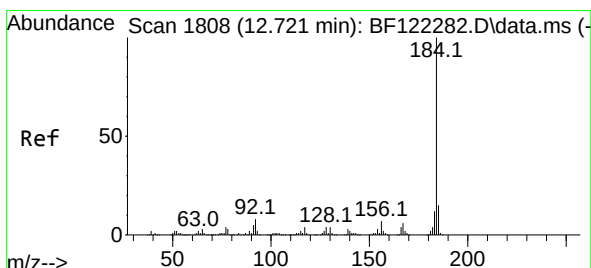
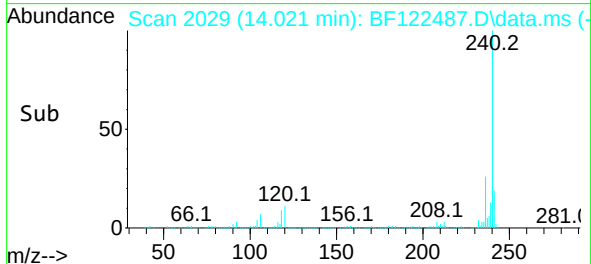
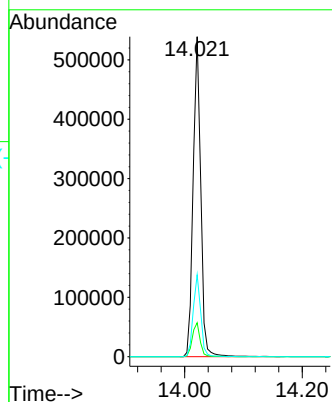
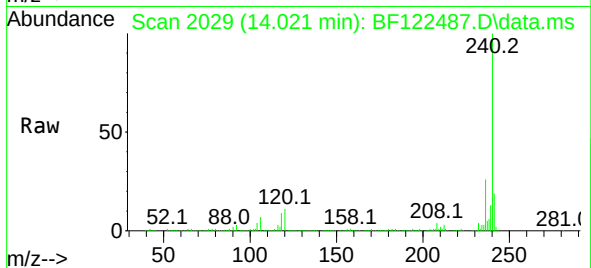




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

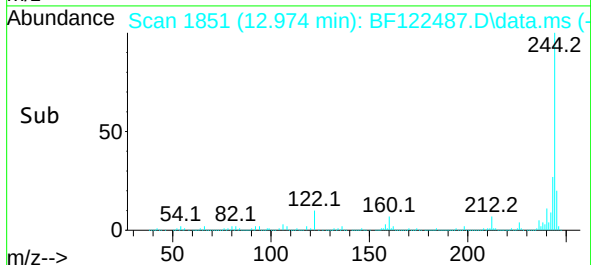
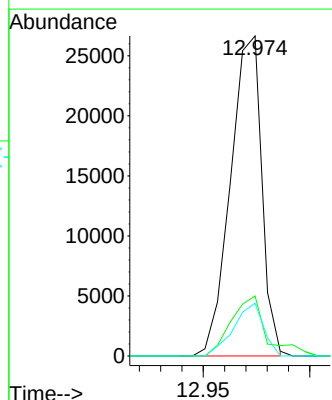
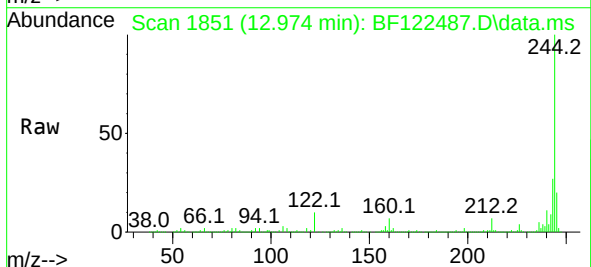
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

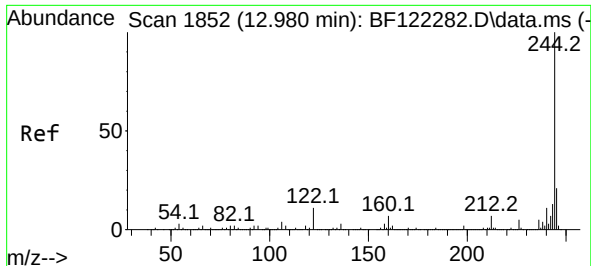
Tgt Ion:240 Resp: 486254
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.6 20.9 31.3



#77
Benzidine
Concen: 2.02 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF122487.D
Acq: 25 Nov 2020 16:25

Tgt Ion:184 Resp: 27225
Ion Ratio Lower Upper
184 100
185 18.8 11.6 17.4#
183 16.5 9.4 14.0#

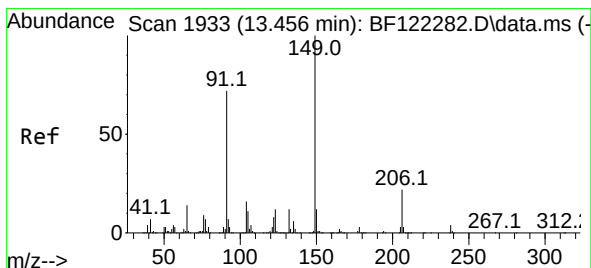
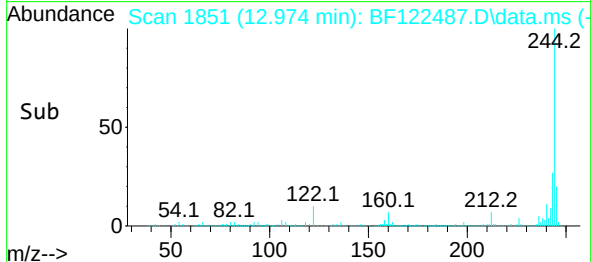
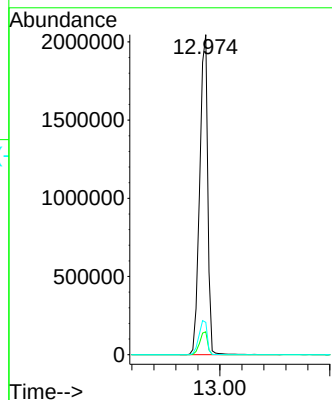
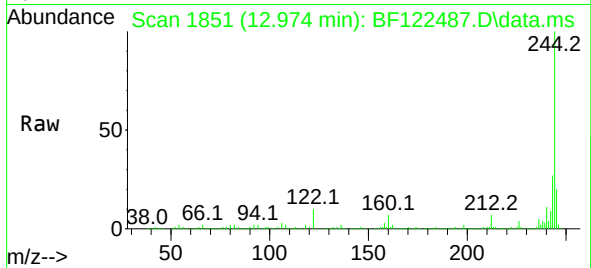




#79
 Terphenyl-d14
 Concen: 90.42 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF122487.D
 Acq: 25 Nov 2020 16:25

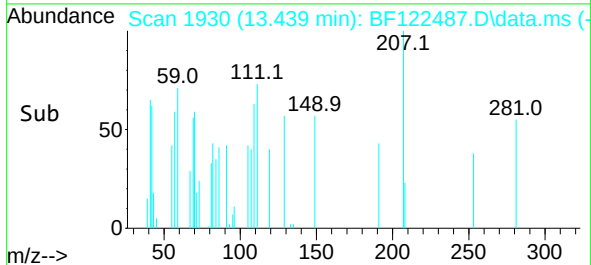
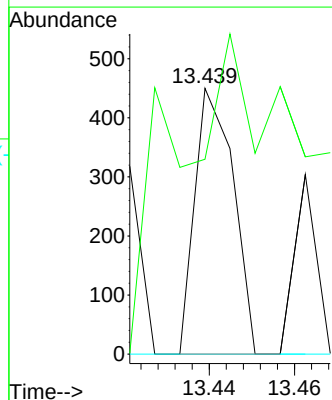
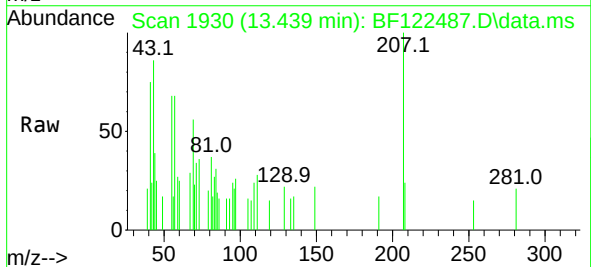
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B48-112320-10-16.5

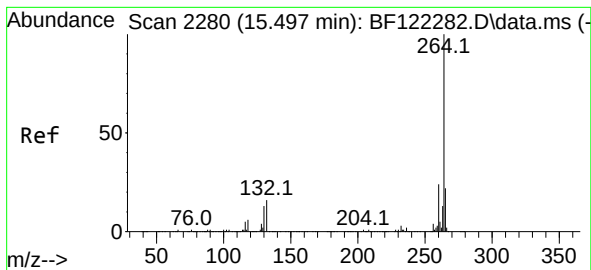
Tgt Ion:244 Resp: 2075274
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.1 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.31 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. -0.012 min
 Lab File: BF122487.D
 Acq: 25 Nov 2020 16:25

Tgt Ion:149 Resp: 281
 Ion Ratio Lower Upper
 149 100
 91 73.3 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: BF122487.D
 Acq: 25 Nov 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B48-112320-10-16.5

Tgt Ion:264 Resp: 497367
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.7 17.3 25.9

