

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122492.D
 Acq On : 25 Nov 2020 19:03
 Operator : JU/CG
 Sample : L4891-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B3-112420-10-11.5

Quant Time: Nov 26 00:13:38 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)

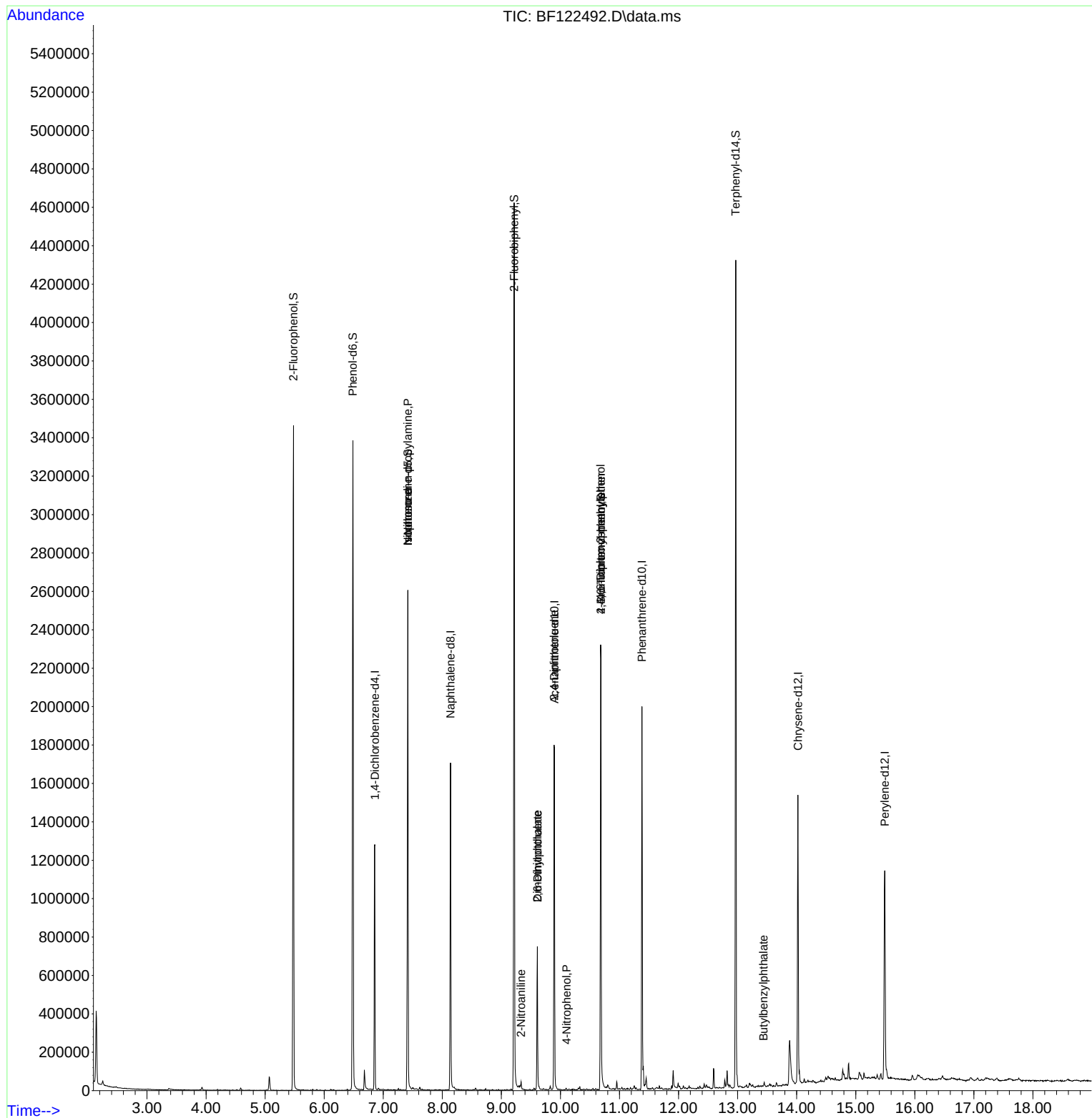
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	195838	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	773484	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	405802	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	699520	20.00	ng	0.00
76) Chrysene-d12	14.021	240	488761	20.00	ng	-0.01
86) Perylene-d12	15.492	264	519807	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1000062	78.41	ng	0.00
7) Phenol-d6	6.487	99	1265249	75.83	ng	-0.01
23) Nitrobenzene-d5	7.416	82	793632	62.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	330001	75.77	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1464632	56.39	ng	0.00
79) Terphenyl-d14	12.968	244	1309044	56.74	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	342	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.416	70	106976	10.73	ng	# 76
25) Isophorone	7.416	82	784334	27.85	ng	# 67
48) 2-Nitroaniline	9.333	65	271	5.20	ng	# 6
50) Dimethylphthalate	9.610	163	315667	10.94	ng	# 99
51) 2,6-Dinitrotoluene	9.610	165	3285	4.29	ng	# 26
56) 4-Nitrophenol	10.104	139	411	5.47	ng	# 10
57) 2,4-Dinitrotoluene	9.892	165	51820	10.50	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.680	198	591	6.39	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	20782	2.53	ng	# 1
80) Butylbenzylphthalate	13.439	149	643	3.33	ng	# 79

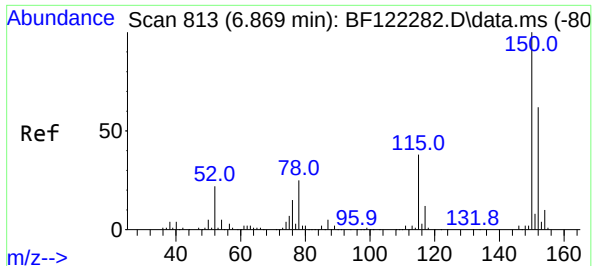
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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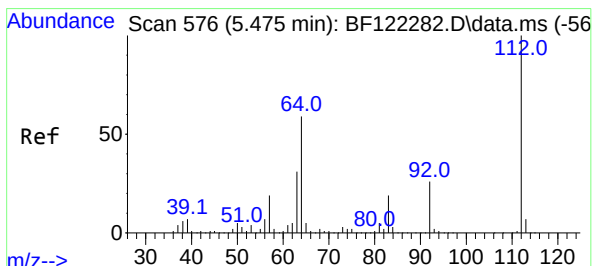
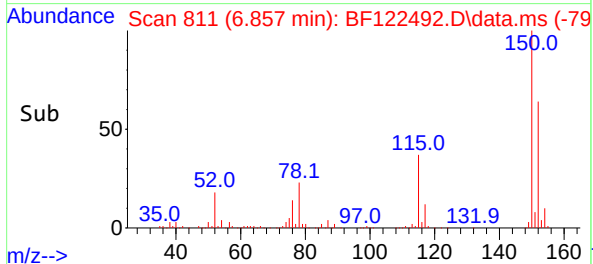
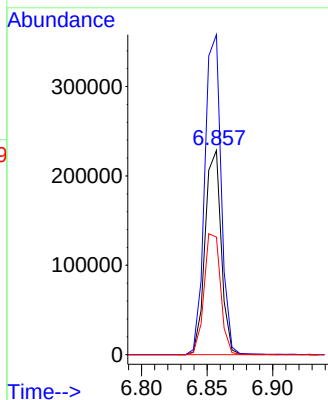
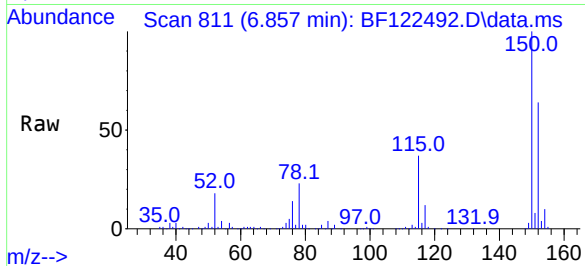




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

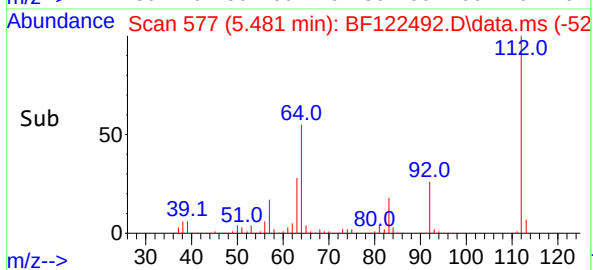
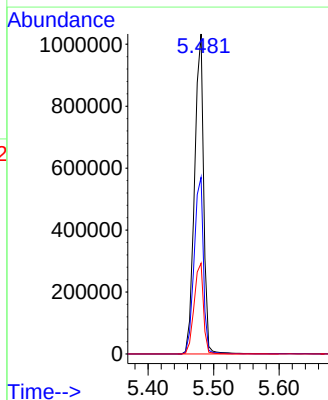
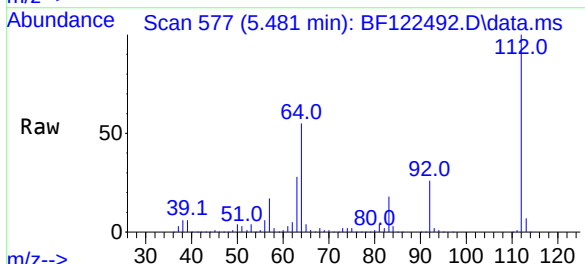
Instrument :
BNA_F
ClientSampleId :
PAV-B3-112420-10-11.5

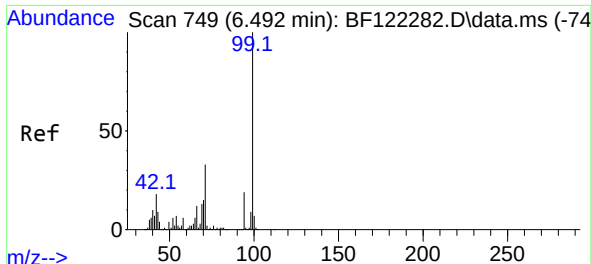
Tgt Ion:152 Resp: 195838
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 57.6 51.9 77.9



#5
2-Fluorophenol
Concen: 78.41 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Tgt Ion:112 Resp: 1000062
Ion Ratio Lower Upper
112 100
64 55.2 50.4 75.6
63 28.4 25.8 38.6



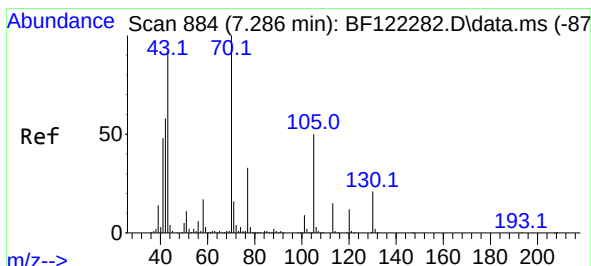
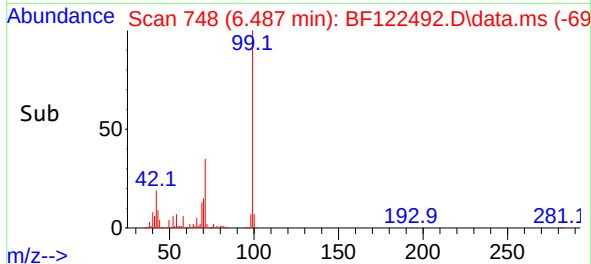
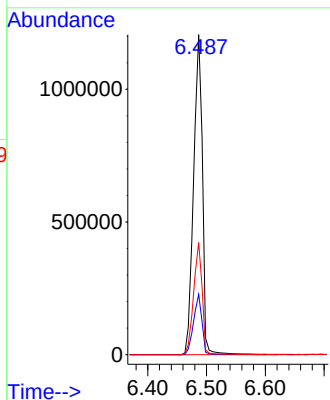
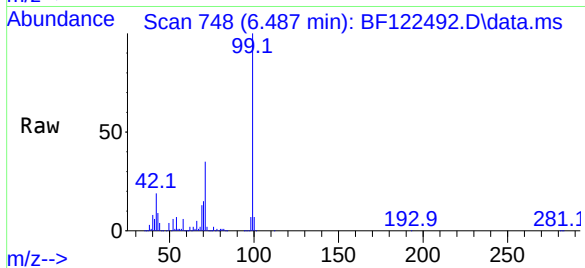


#7
Phenol-d6
Concen: 75.83 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PAV-B3-112420-10-11.5

Tgt Ion: 99 Resp: 1265249

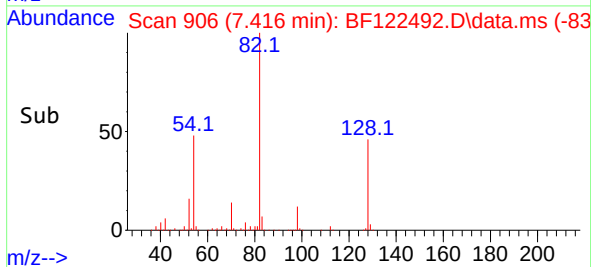
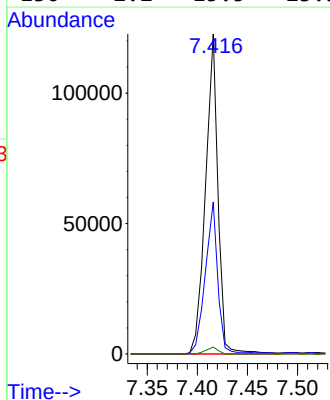
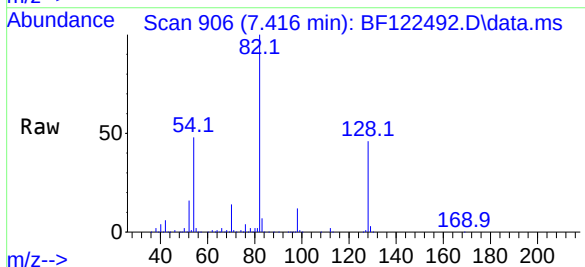
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.9	23.9
71	35.1	27.1	40.7

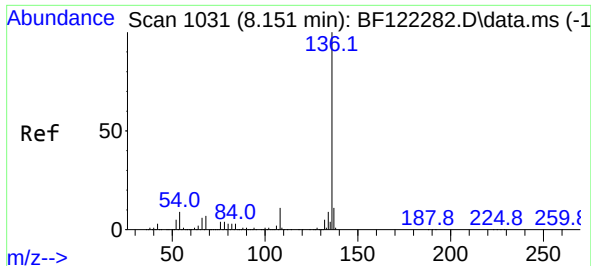


#19
n-Nitroso-di-n-propylamine
Concen: 10.73 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Tgt Ion: 70 Resp: 106976

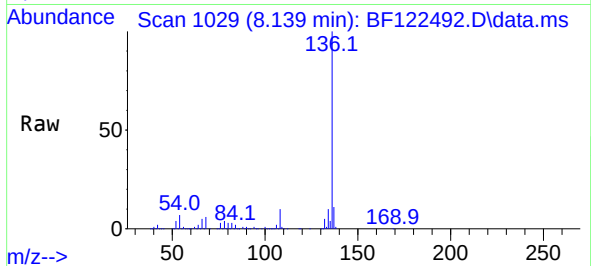
Ion	Ratio	Lower	Upper
70	100		
42	47.5	50.2	75.4#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#





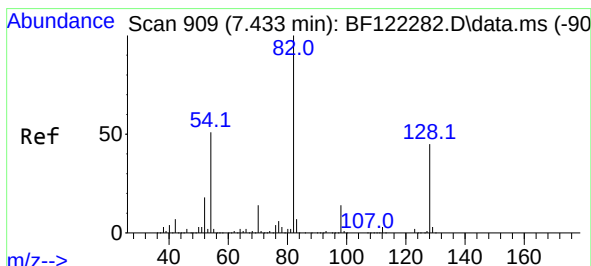
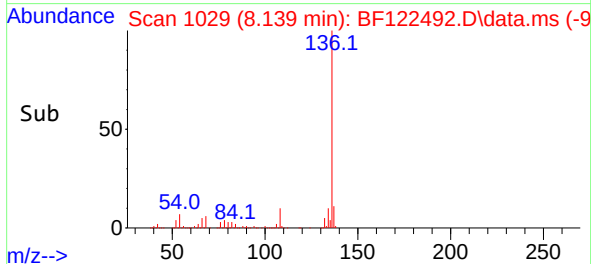
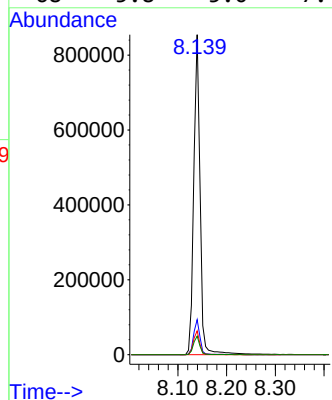
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PAV-B3-112420-10-11.5



Tgt Ion:136 Resp: 773484

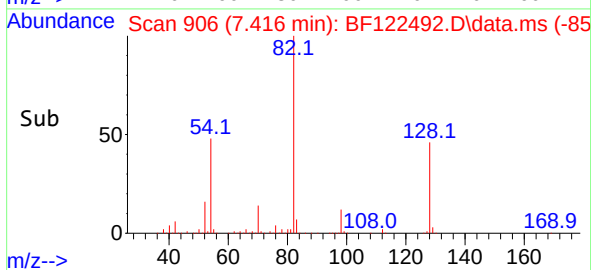
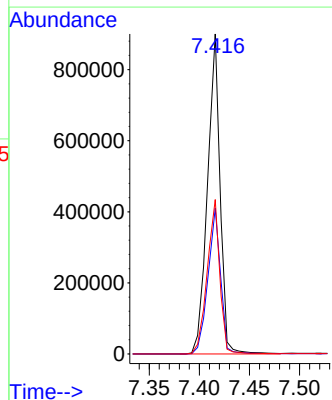
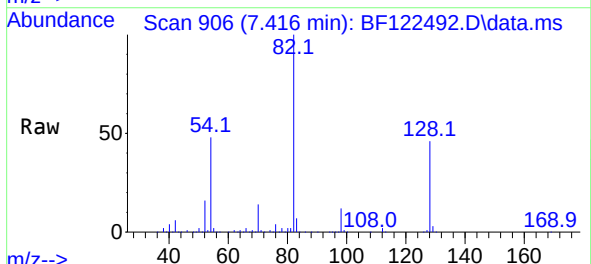
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.5	7.1	10.7
68	5.8	5.0	7.4

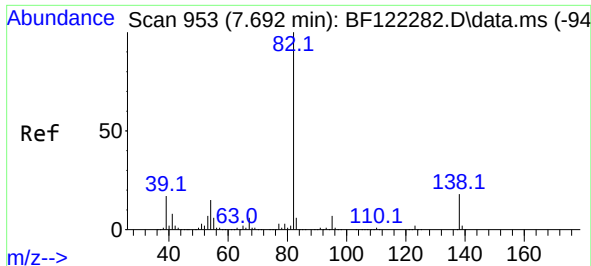


#23
Nitrobenzene-d5
Concen: 62.81 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Tgt Ion: 82 Resp: 793632

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.0	52.4
54	48.3	43.9	65.9

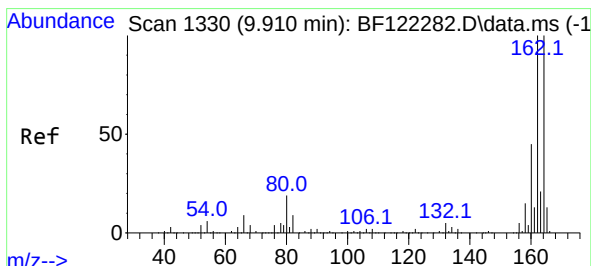
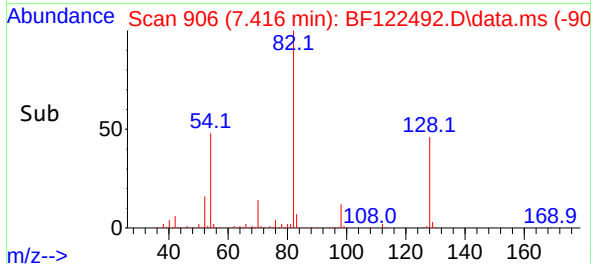
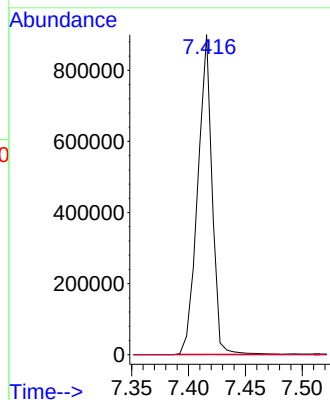
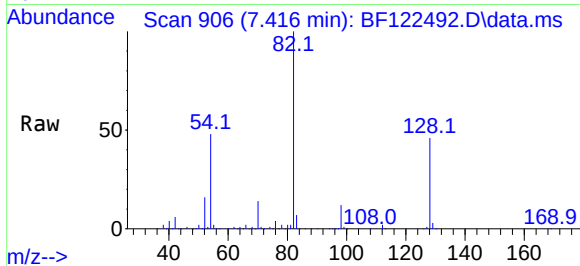




#25
Isophorone
Concen: 27.85 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

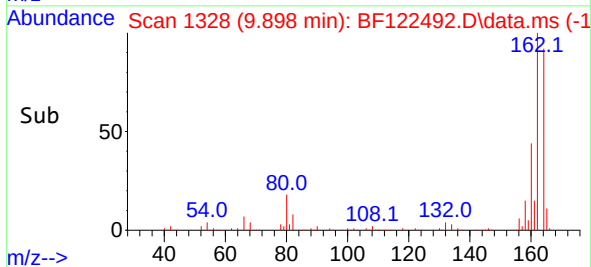
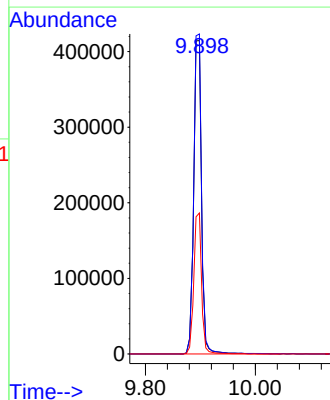
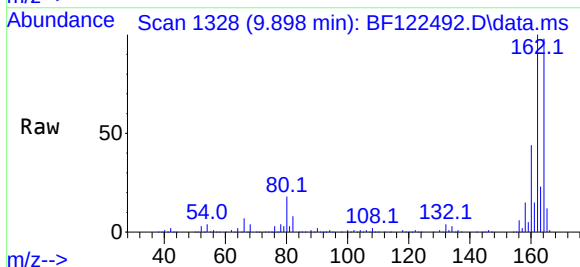
Instrument :
BNA_F
ClientSampleId :
PAV-B3-112420-10-11.5

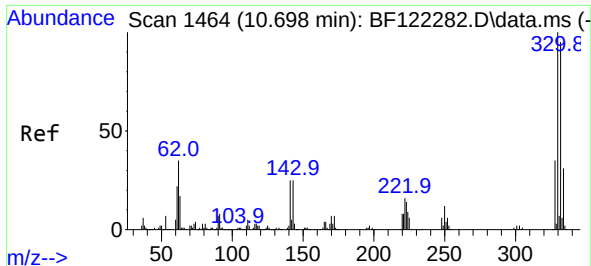
Tgt Ion: 82 Resp: 784334
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

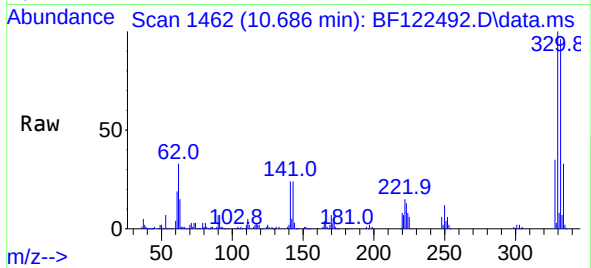
Tgt Ion: 164 Resp: 405802
Ion Ratio Lower Upper
164 100
162 102.1 83.2 124.8
160 45.0 37.5 56.3



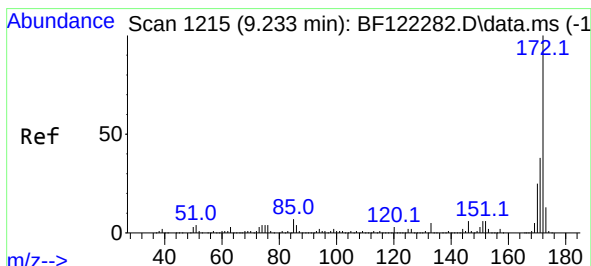
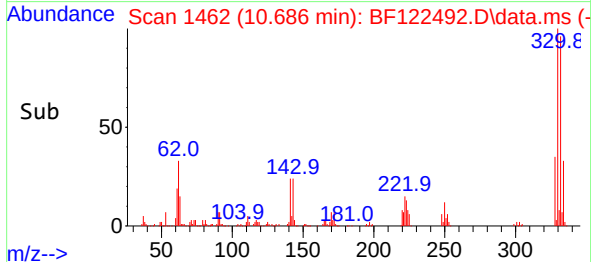
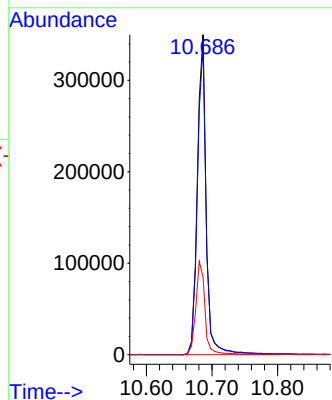


#42
2,4,6-Tribromophenol
Concen: 75.77 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PAV-B3-112420-10-11.5

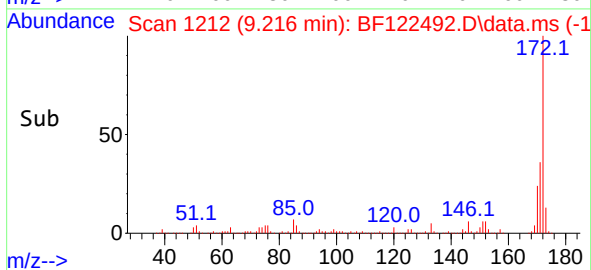
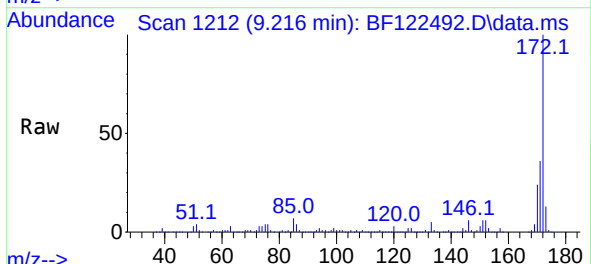
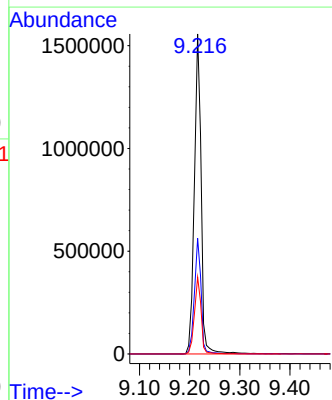


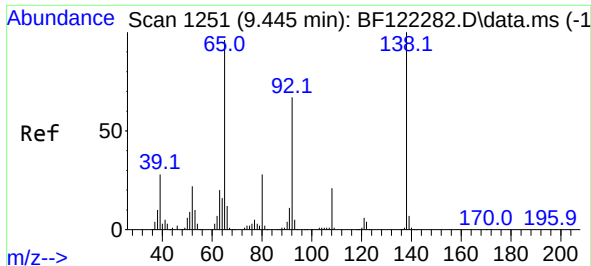
Tgt Ion: 330 Resp: 330001
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 56.39 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Tgt Ion: 172 Resp: 1464632
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.0 19.8 29.6

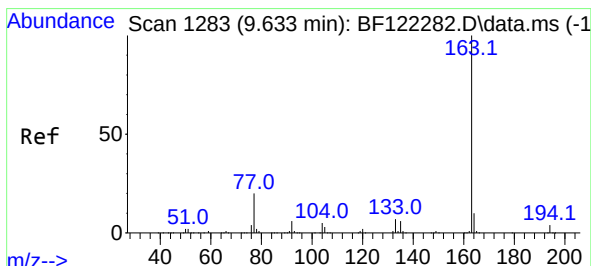
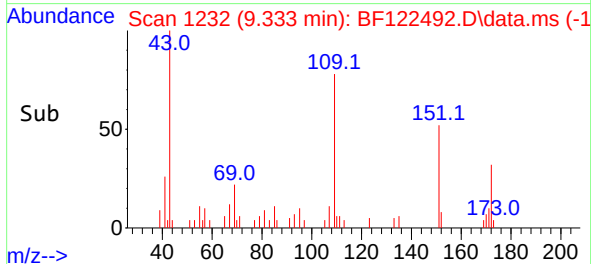
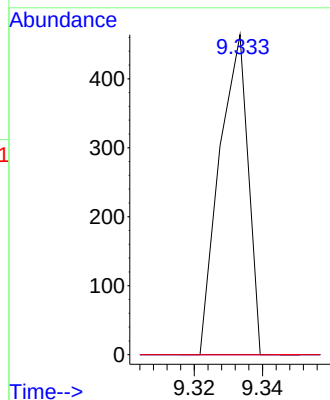
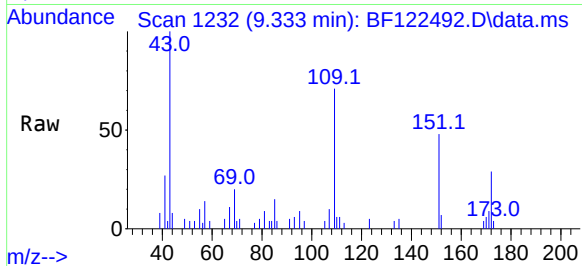




#48
2-Nitroaniline
Concen: 5.20 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.112 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

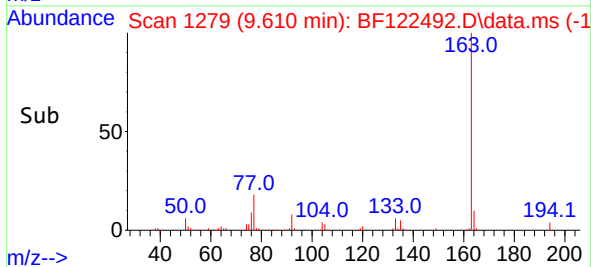
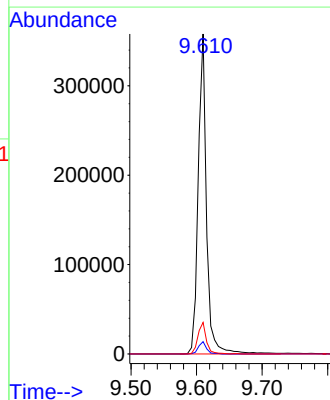
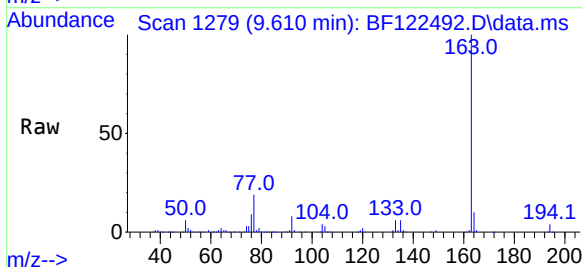
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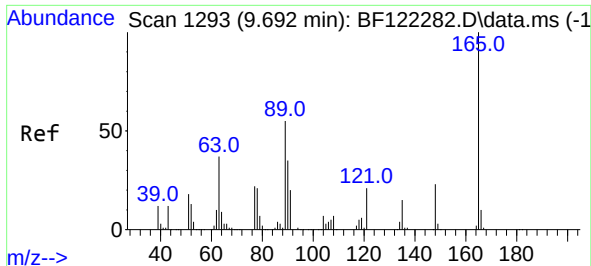
Tgt Ion: 65 Resp: 271
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 10.94 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Tgt Ion: 163 Resp: 315667
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 8.2 12.4

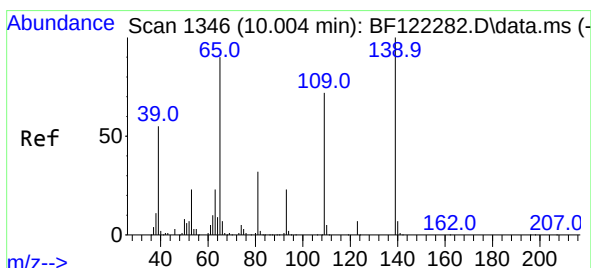
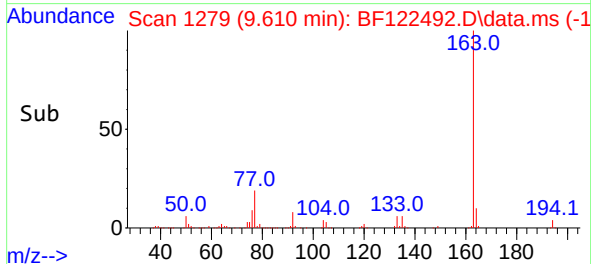
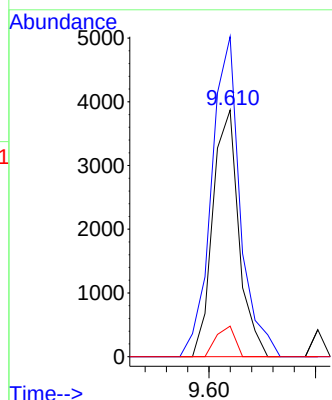
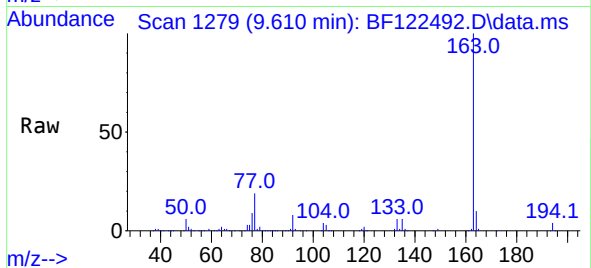




#51
2,6-Dinitrotoluene
Concen: 4.29 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.077 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

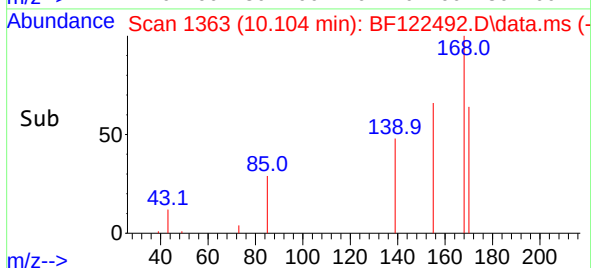
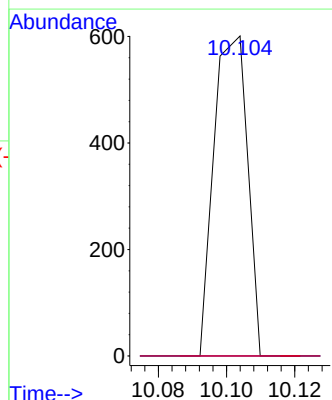
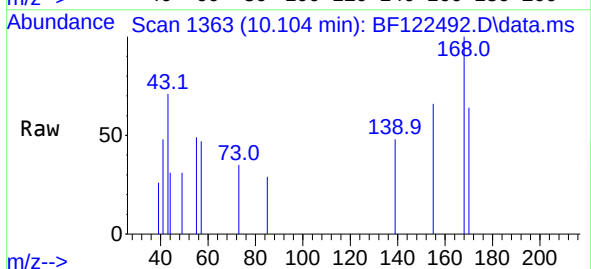
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PAV-B3-112420-10-11.5

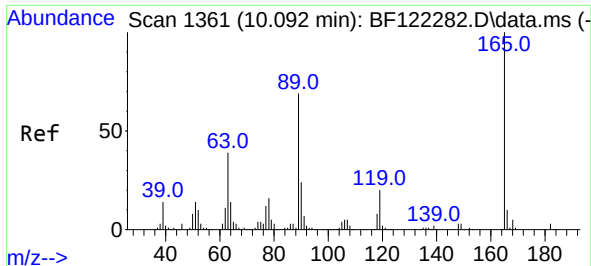
Tgt Ion:165 Resp: 3285
Ion Ratio Lower Upper
165 100
63 129.8 51.8 77.6#
89 12.4 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.47 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.088 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Tgt Ion:139 Resp: 411
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#

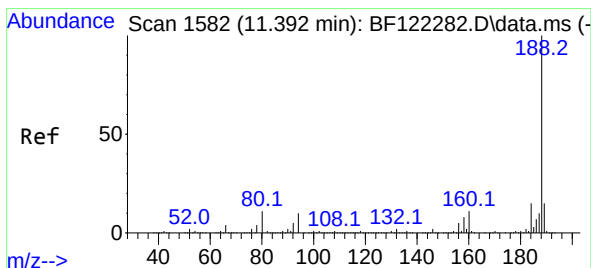
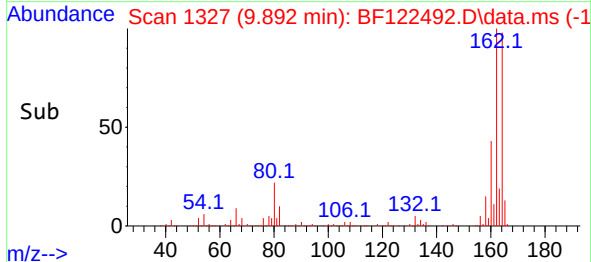
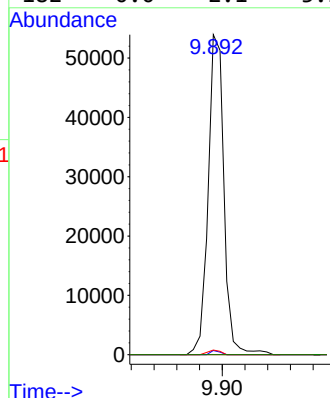
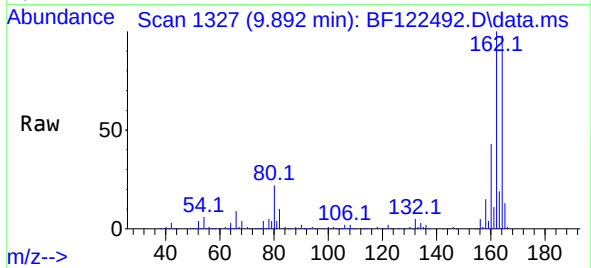




#57
2,4-Dinitrotoluene
Concen: 10.50 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

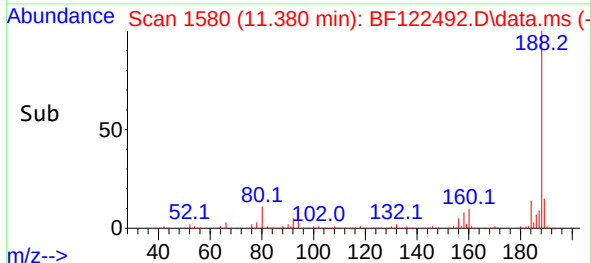
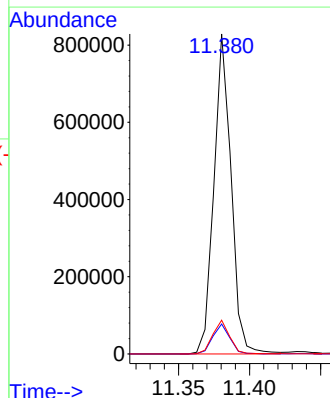
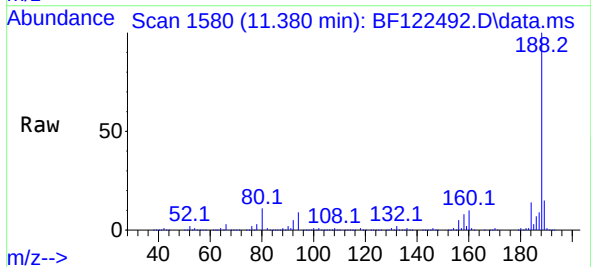
Instrument :
BNA_F
ClientSampleId :
PAV-B3-112420-10-11.5

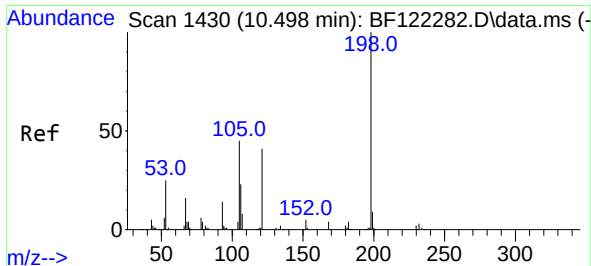
Tgt Ion:165	Resp:	51820
Ion Ratio	Lower	Upper
165	100	
63	1.3	41.3 61.9#
89	1.5	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Tgt Ion:188	Resp:	699520
Ion Ratio	Lower	Upper
188	100	
94	9.4	8.3 12.5
80	10.5	9.1 13.7

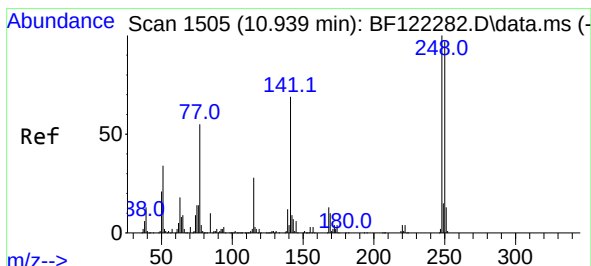
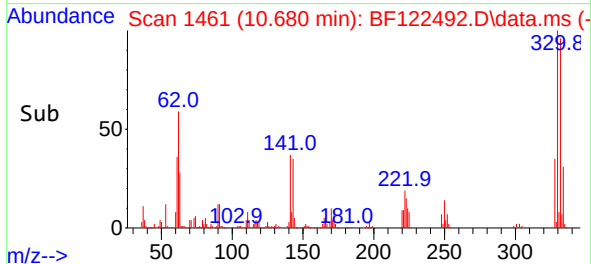
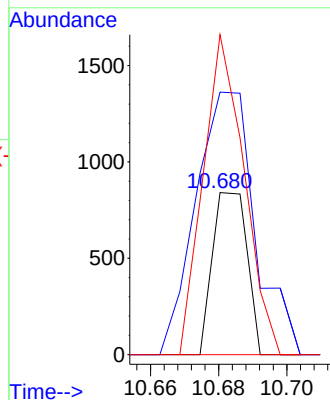
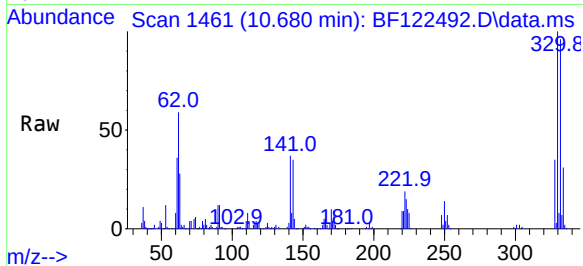




#65
4,6-Dinitro-2-methylphenol
Concen: 6.39 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.182 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

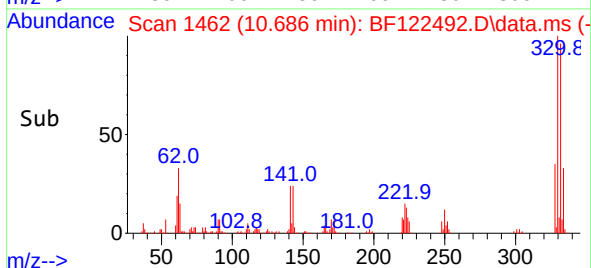
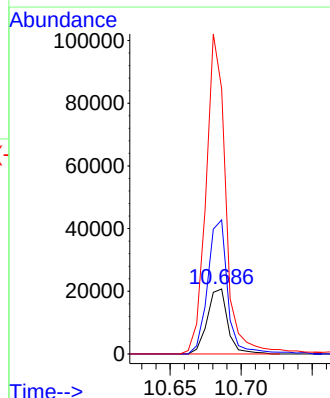
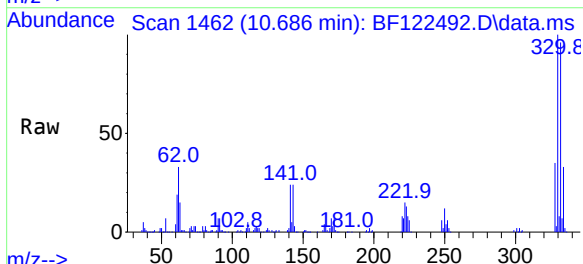
Instrument :
BNA_F
ClientSampleId :
PAV-B3-112420-10-11.5

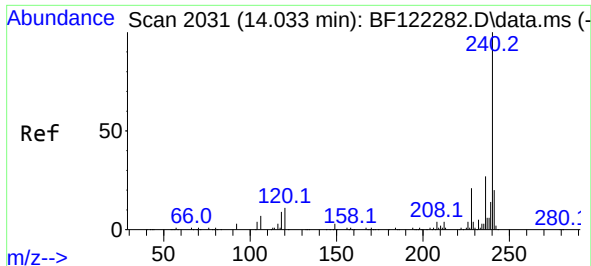
Tgt Ion:	198	Resp:	591
Ion	Ratio	Lower	Upper
198	100		
51	162.0	29.6	69.6#
105	197.4	24.4	64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.53 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Tgt Ion:	248	Resp:	20782
Ion	Ratio	Lower	Upper
248	100		
250	206.1	77.0	115.6#
141	407.9	53.7	80.5#

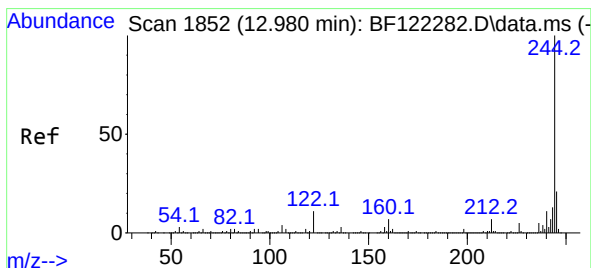
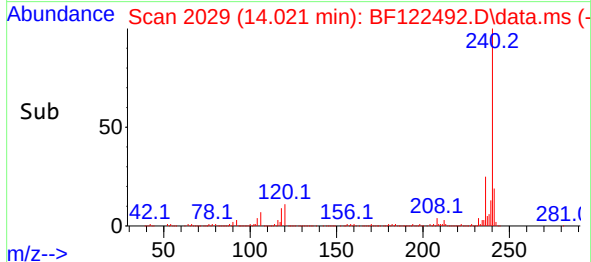
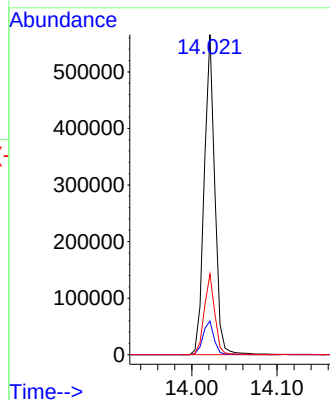
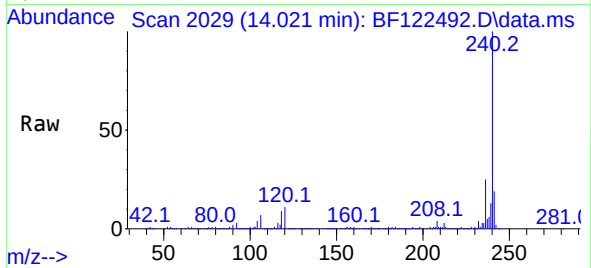




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

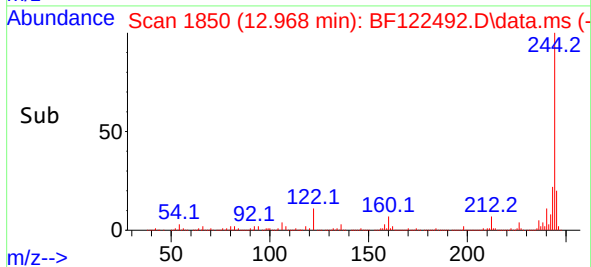
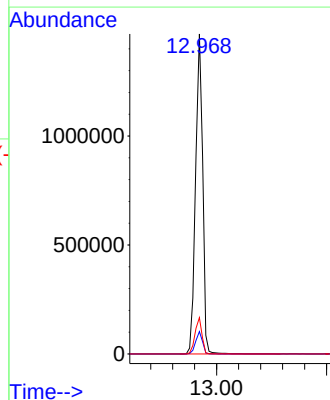
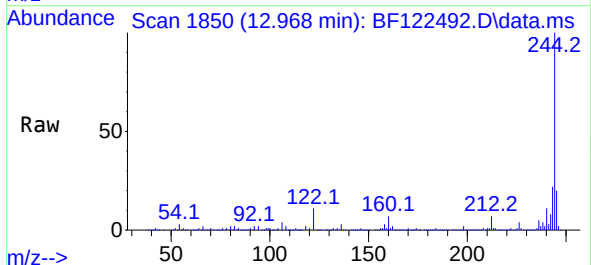
Instrument :
BNA_F
ClientSampleId :
PAV-B3-112420-10-11.5

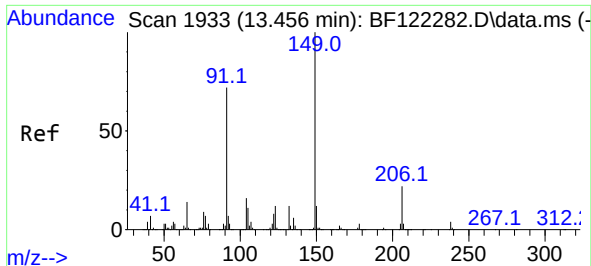
Tgt Ion:240 Resp: 488761
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 56.74 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

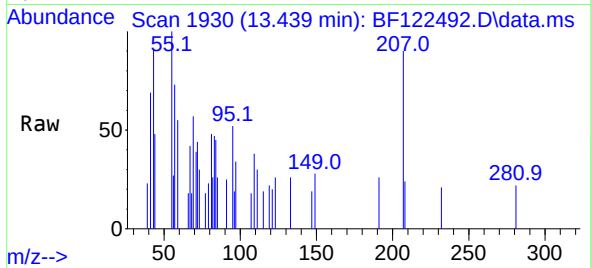
Tgt Ion:244 Resp: 1309044
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.3 8.1 12.1



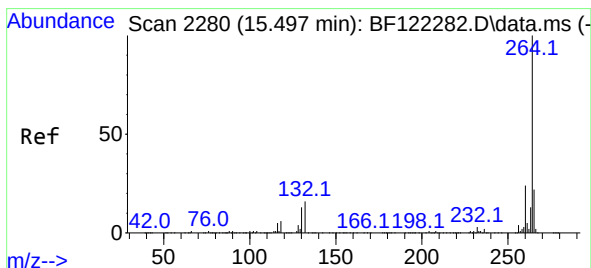
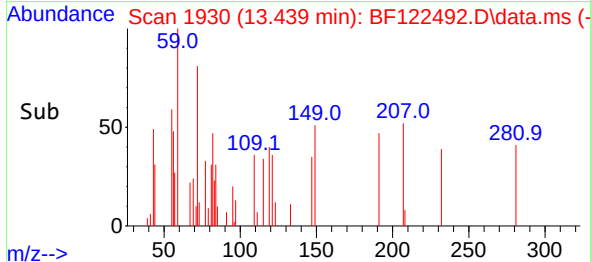
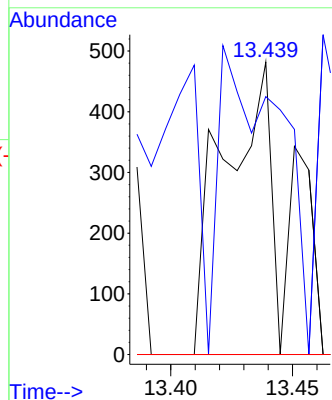


#80
Butylbenzylphthalate
Concen: 3.33 ng
RT: 13.439 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BF122492.D
Acq: 25 Nov 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PAV-B3-112420-10-11.5



Tgt Ion:149 Resp: 643
Ion Ratio Lower Upper
149 100
91 88.2 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: BF122492.D
Acq: 25 Nov 2020 19:03

Tgt Ion:264 Resp: 519807
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.9 17.3 25.9

