

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122417.D
 Acq On : 20 Nov 2020 22:25
 Operator : JU/CG
 Sample : L4829-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Nov 20 23:55:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

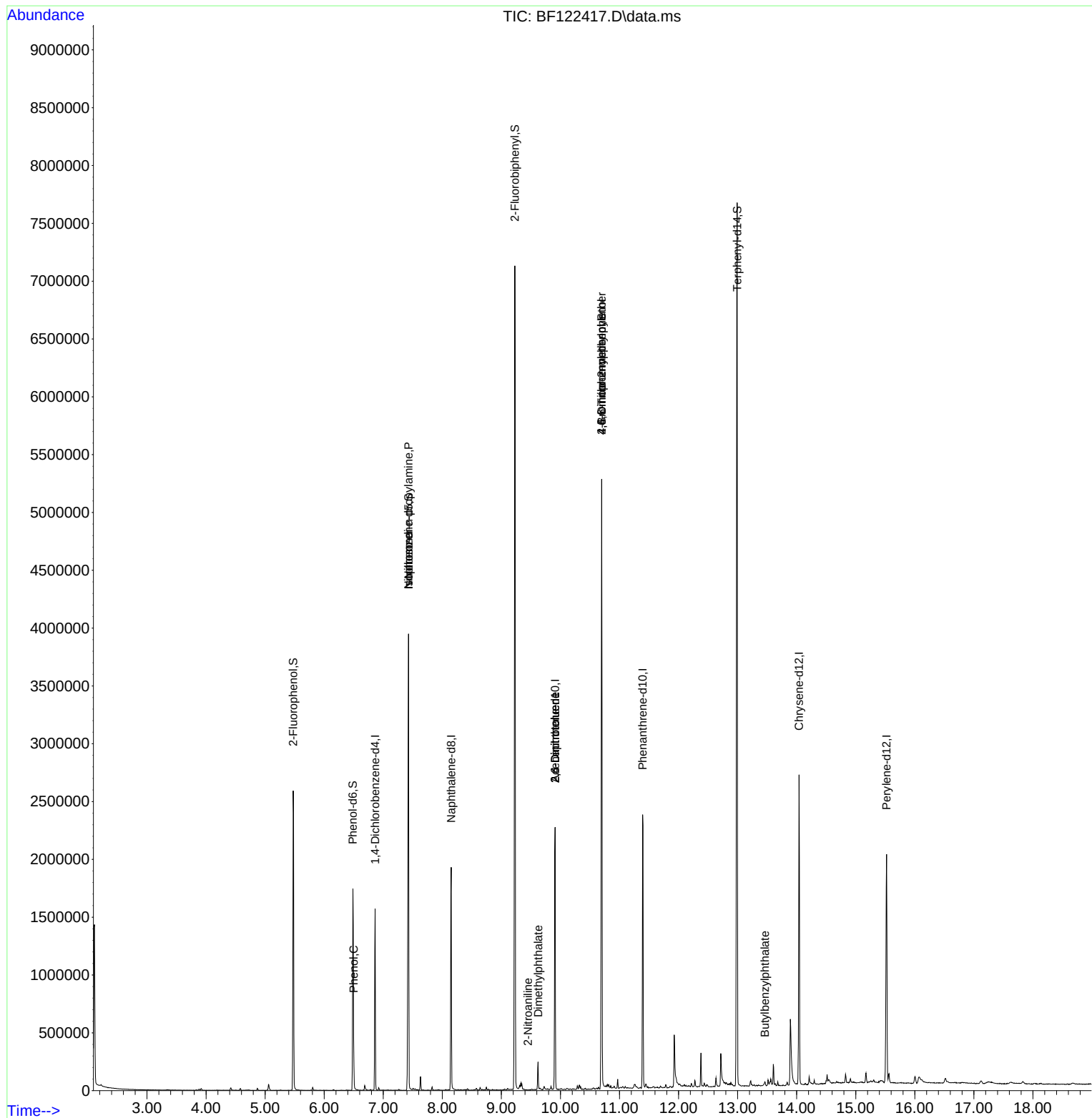
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	221605	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	869455	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	475423	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	901972	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	906672	20.00	ng	-0.01
86) Perylene-d12	15.521	264	935960	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	744080	51.56	ng	-0.02
7) Phenol-d6	6.487	99	582365	30.85	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1310730	92.29	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	708231	138.80	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2362695	77.65	ng	0.00
79) Terphenyl-d14	12.992	244	2678068	62.57	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	112	Below Cal	#	52
10) Phenol	6.498	94	63092	3.39	ng	80
19) n-Nitroso-di-n-propyla...	7.428	70	177197	15.71	ng	# 74
25) Isophorone	7.428	82	1300782	41.08	ng	# 67
48) 2-Nitroaniline	9.451	65	143	5.18	ng	# 6
50) Dimethylphthalate	9.622	163	95018	2.81	ng	98
51) 2,6-Dinitrotoluene	9.910	165	61342	11.32	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	61342	10.56	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1482	6.63	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	46295	4.37	ng	# 1
80) Butylbenzylphthalate	13.463	149	1332	3.34	ng	# 51

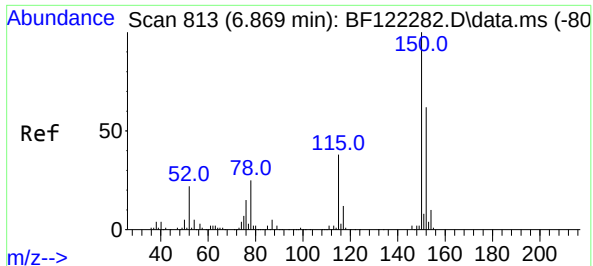
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122417.D
Acq On : 20 Nov 2020 22:25
Operator : JU/CG
Sample : L4829-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Time: Nov 20 23:55:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

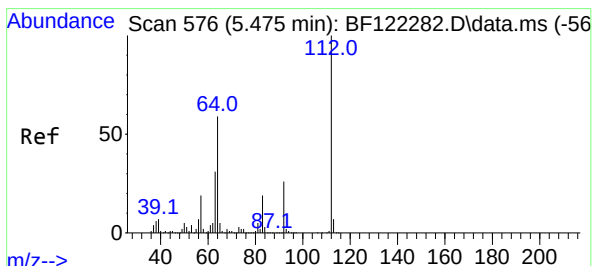
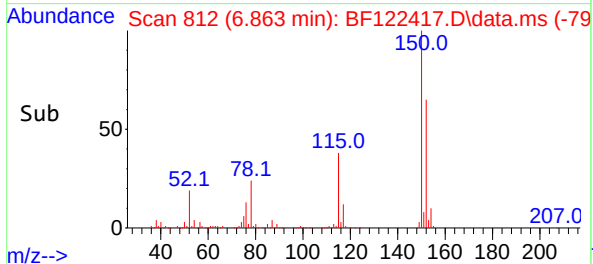
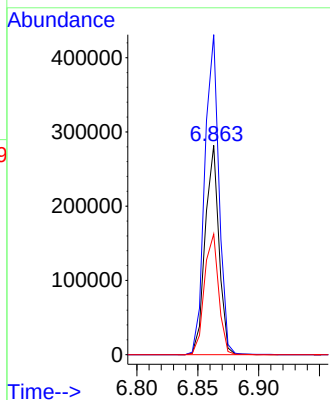
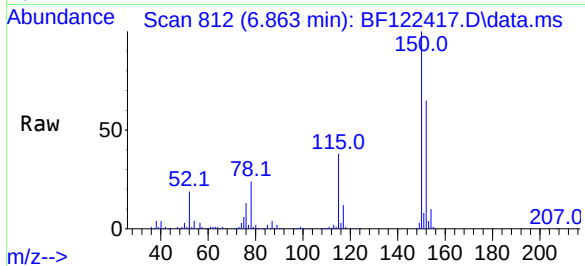




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

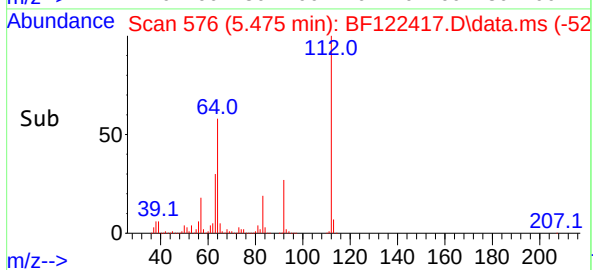
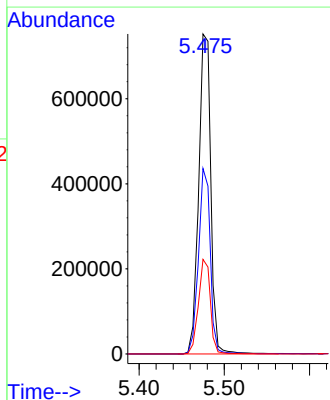
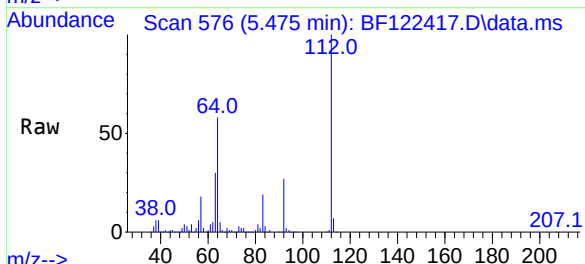
Instrument :
BNA_F
ClientSampleId :
MW-4

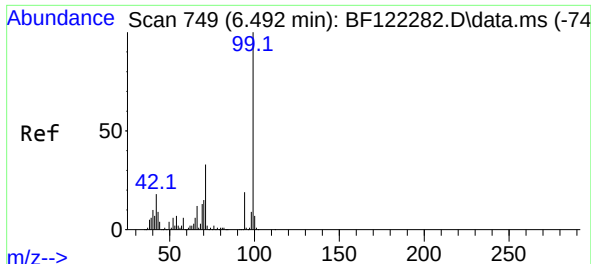
Tgt Ion:152 Resp: 221605
Ion Ratio Lower Upper
152 100
150 152.9 125.3 187.9
115 57.6 51.9 77.9



#5
2-Fluorophenol
Concen: 51.56 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.018 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Tgt Ion:112 Resp: 744080
Ion Ratio Lower Upper
112 100
64 58.0 50.4 75.6
63 29.6 25.8 38.6

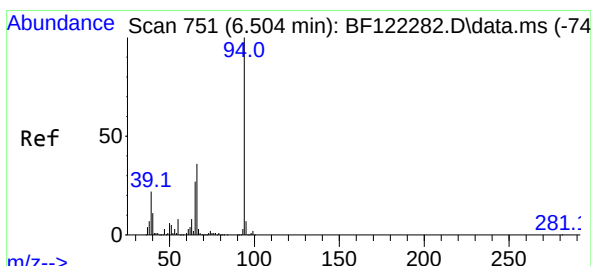
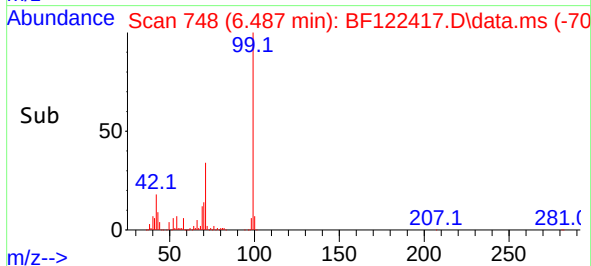
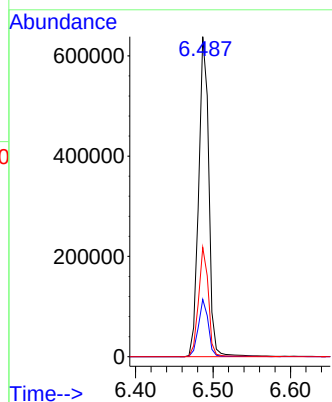
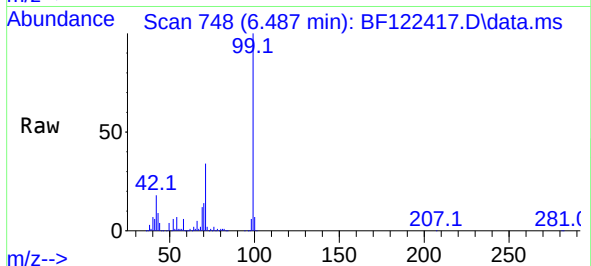




#7
Phenol-d6
Concen: 30.85 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

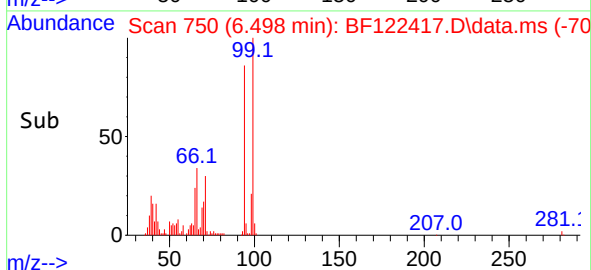
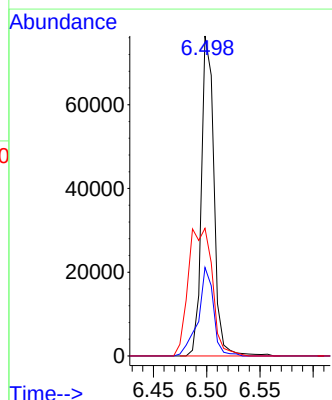
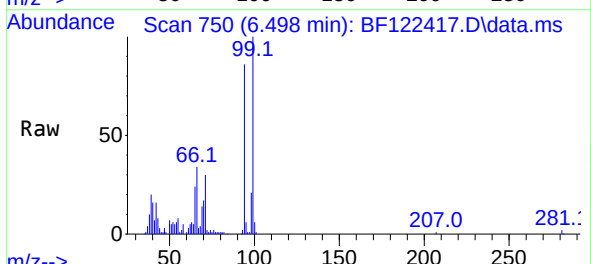
Instrument :
BNA_F
ClientSampleId :
MW-4

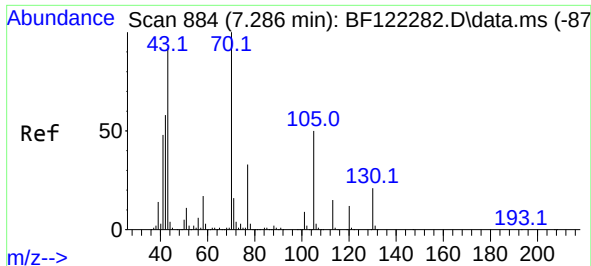
Tgt Ion: 99 Resp: 582365
Ion Ratio Lower Upper
99 100
42 17.9 15.9 23.9
71 34.2 27.1 40.7



#10
Phenol
Concen: 3.39 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.024 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Tgt Ion: 94 Resp: 63092
Ion Ratio Lower Upper
94 100
65 27.6 17.1 57.1
66 39.9 36.0 76.0



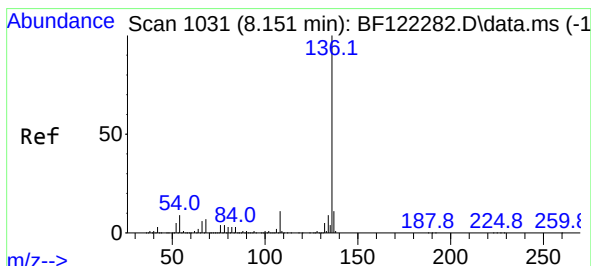
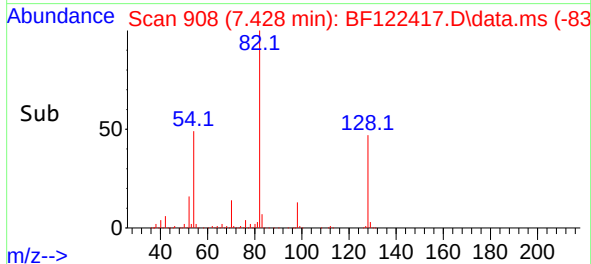
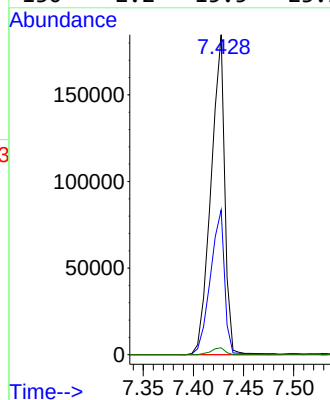
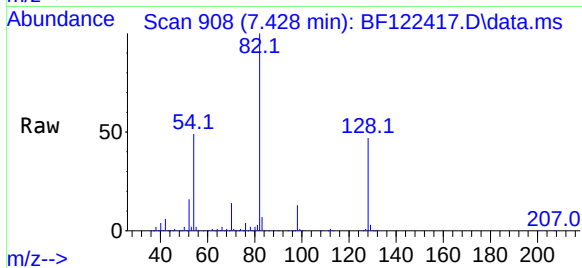


#19

n-Nitroso-di-n-propylamine
Concen: 15.71 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Instrument :
BNA_F
ClientSampleId :
MW-4

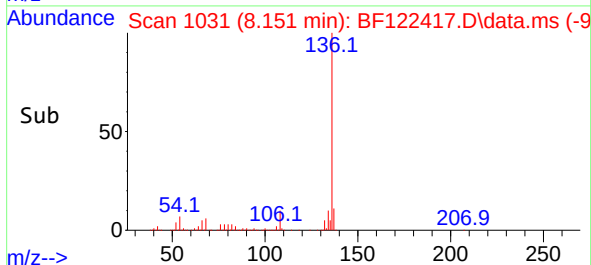
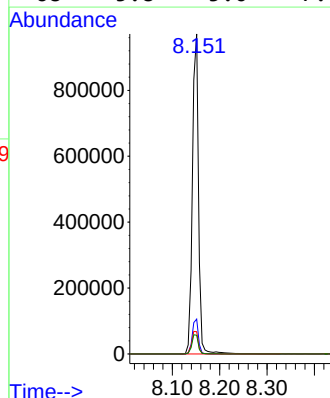
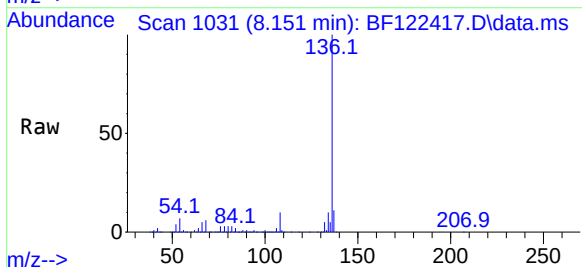
Tgt Ion: 70 Resp: 177197
Ion Ratio Lower Upper
70 100
42 45.2 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#

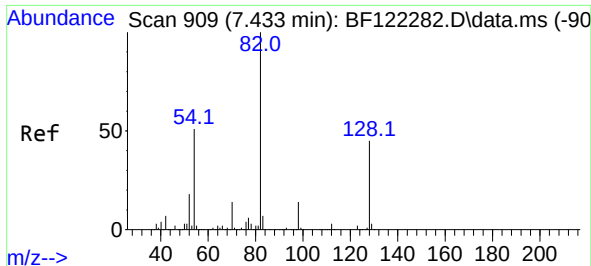


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Tgt Ion:136 Resp: 869455
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 7.1 10.7#
68 5.8 5.0 7.4

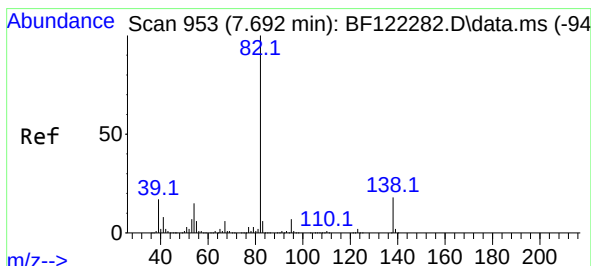
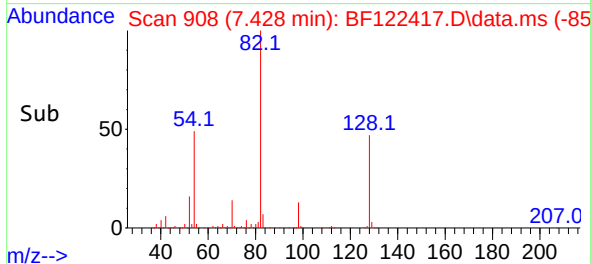
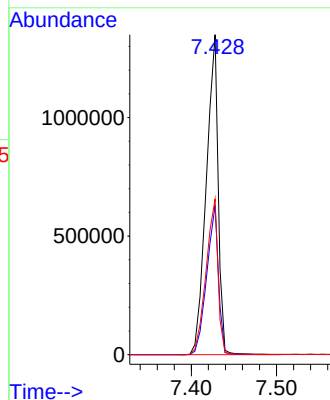
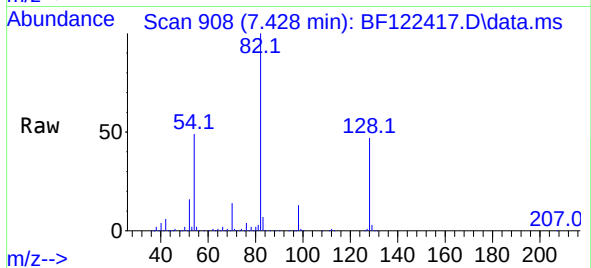




#23
Nitrobenzene-d5
Concen: 92.29 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

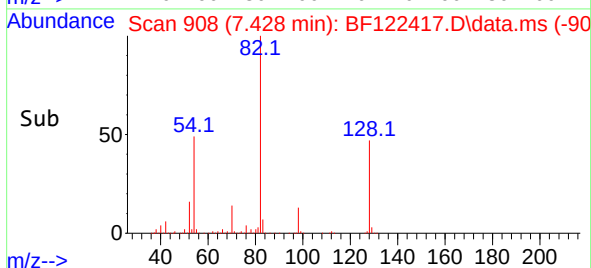
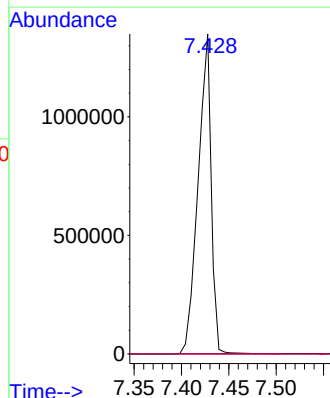
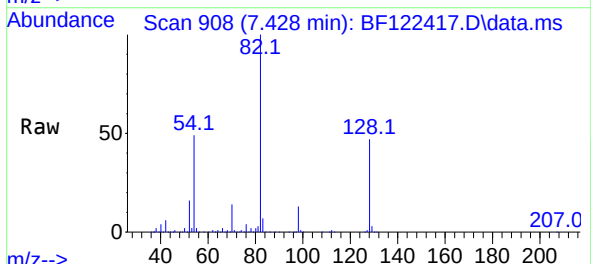
Instrument :
BNA_F
ClientSampled :
MW-4

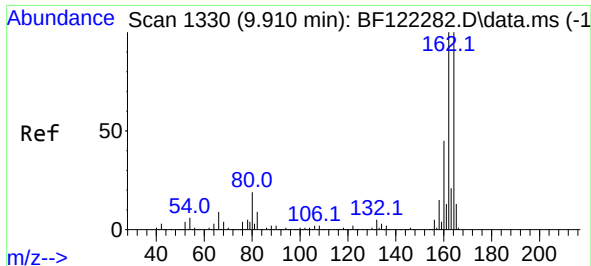
Tgt Ion: 82 Resp: 1310730
Ion Ratio Lower Upper
82 100
128 46.7 35.0 52.4
54 48.6 43.9 65.9



#25
Isophorone
Concen: 41.08 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Tgt Ion: 82 Resp: 1300782
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: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF122417.D

Acq: 20 Nov 2020 22:25

Tgt Ion:164 Resp: 475423

Ion Ratio Lower Upper

164 100

162 102.0 83.2 124.8

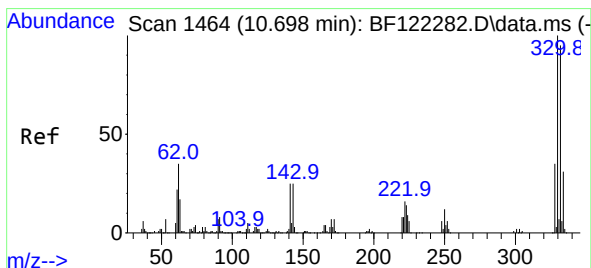
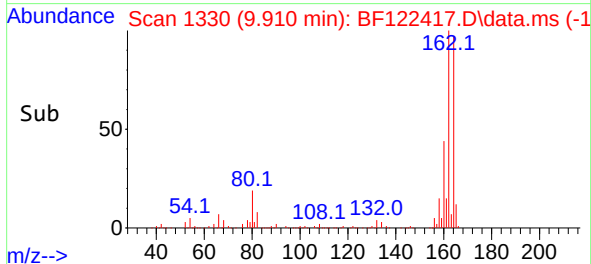
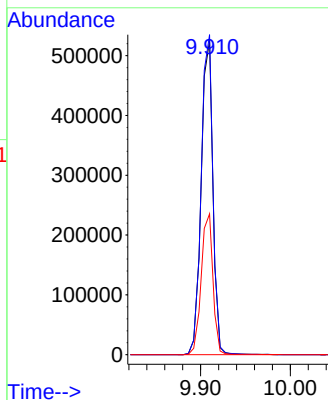
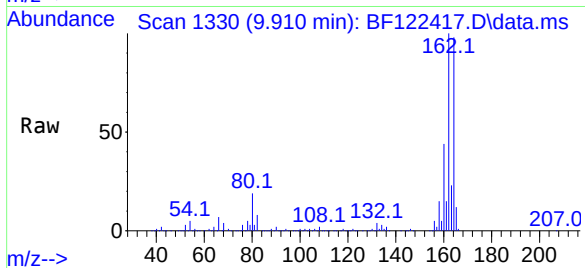
160 44.9 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

MW-4



#42

2,4,6-Tribromophenol

Concen: 138.80 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF122417.D

Acq: 20 Nov 2020 22:25

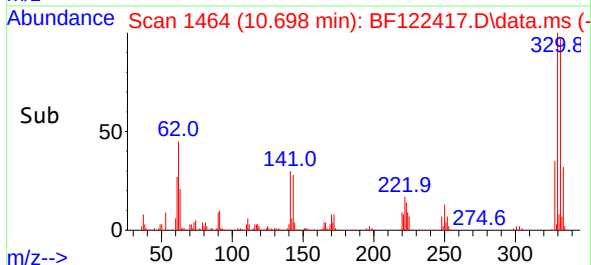
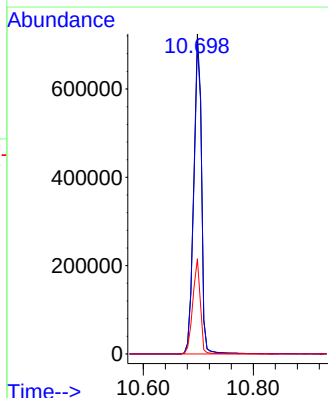
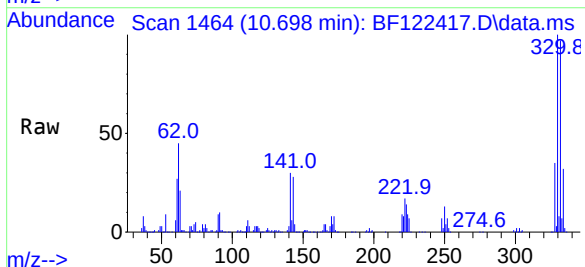
Tgt Ion:330 Resp: 708231

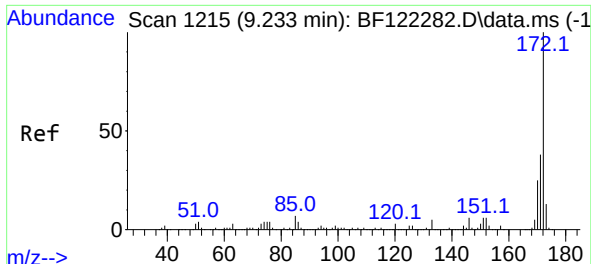
Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 29.0 22.3 33.5

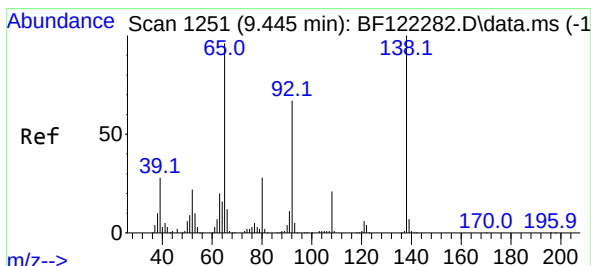
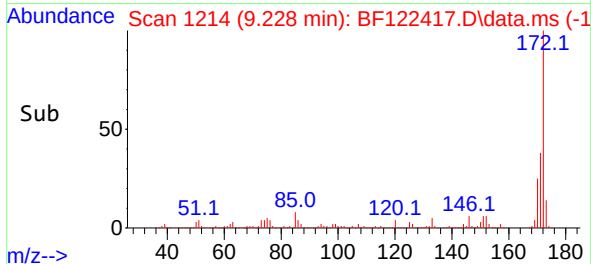
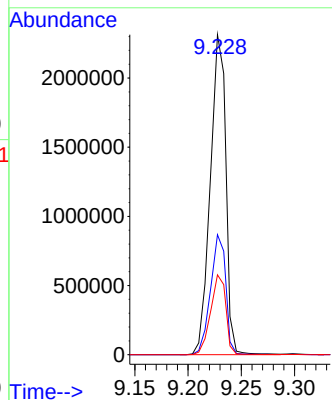
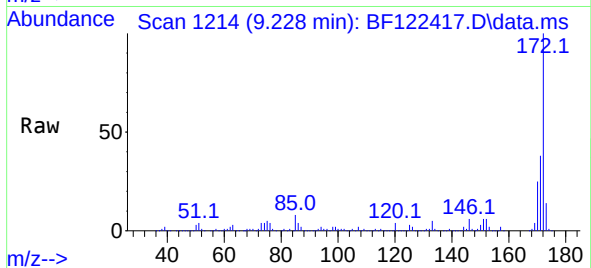




#45
2-Fluorobiphenyl
Concen: 77.65 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

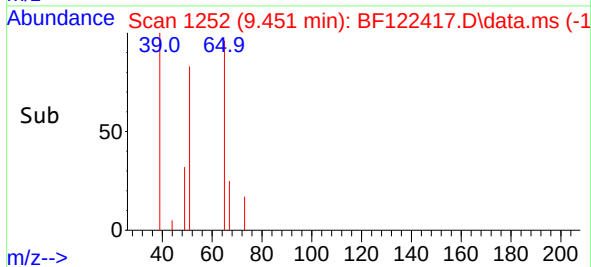
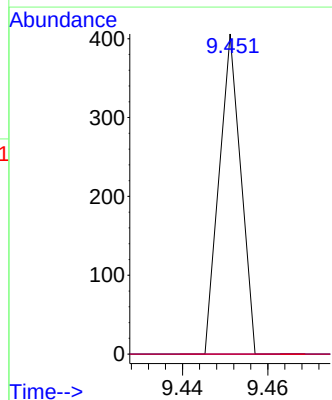
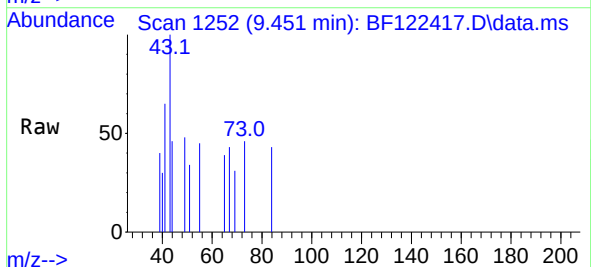
Instrument :
BNA_F
ClientSampled :
MW-4

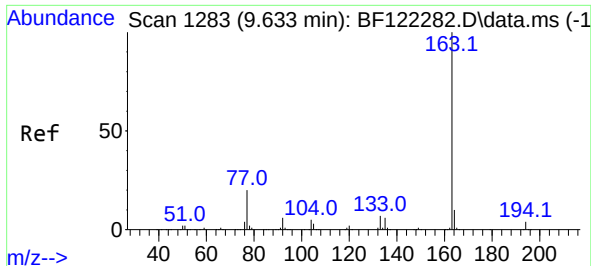
Tgt Ion:172 Resp: 2362695
Ion Ratio Lower Upper
172 100
171 37.5 29.1 43.7
170 25.0 19.8 29.6



#48
2-Nitroaniline
Concen: 5.18 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Tgt Ion: 65 Resp: 143
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

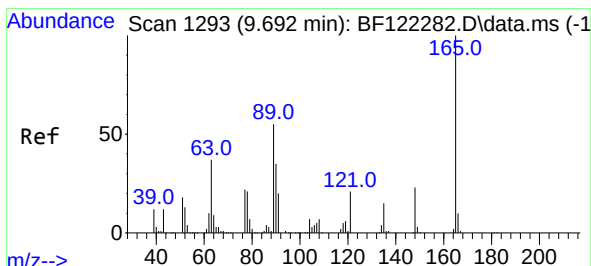
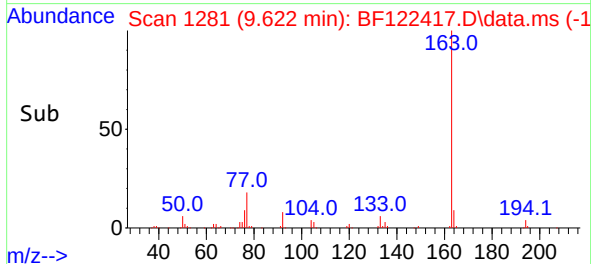
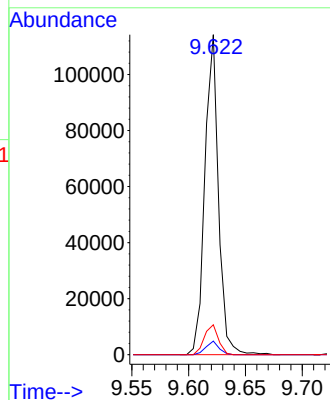
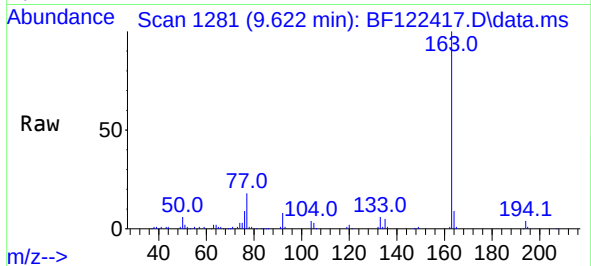




#50
Dimethylphthalate
Concen: 2.81 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

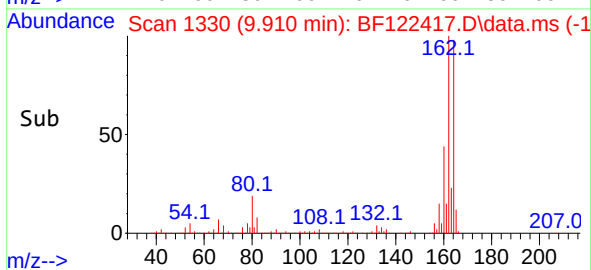
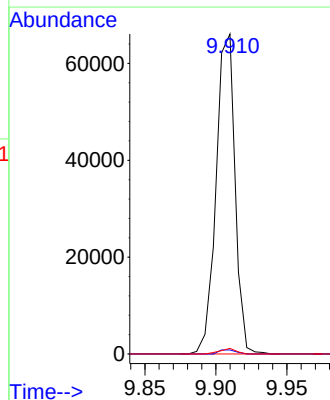
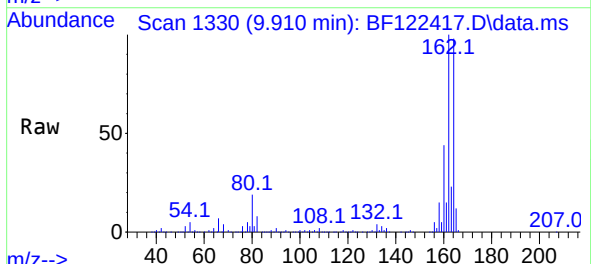
Instrument :
BNA_F
ClientSampled :
MW-4

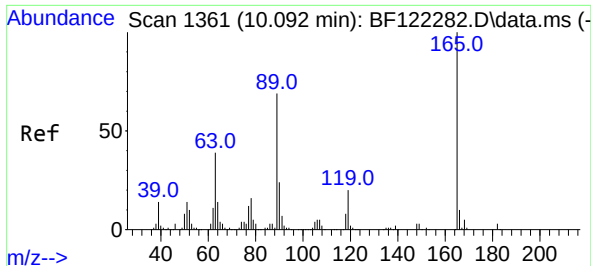
Tgt Ion:	163	Resp:	95018
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	9.4	8.2	12.4



#51
2,6-Dinitrotoluene
Concen: 11.32 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Tgt Ion:	165	Resp:	61342
Ion Ratio	Lower	Upper	
165	100		
63	1.2	51.8	77.6#
89	1.7	49.0	73.6#

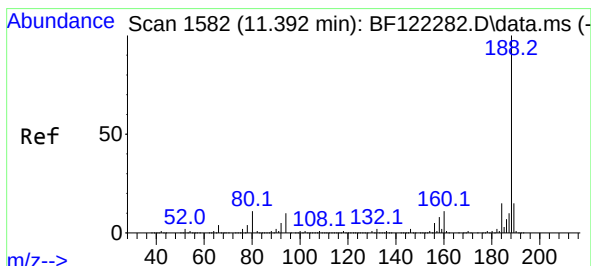
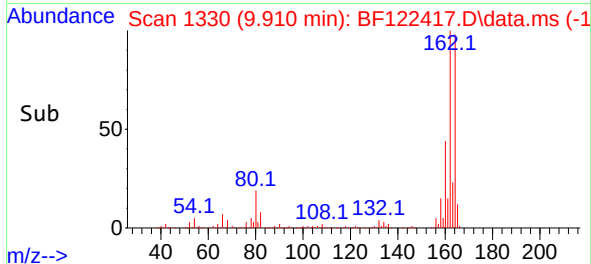
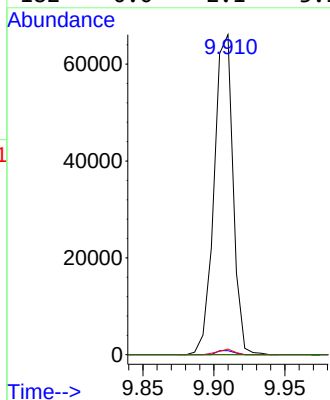
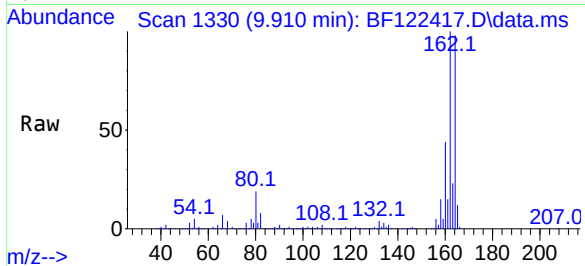




#57
2,4-Dinitrotoluene
Concen: 10.56 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

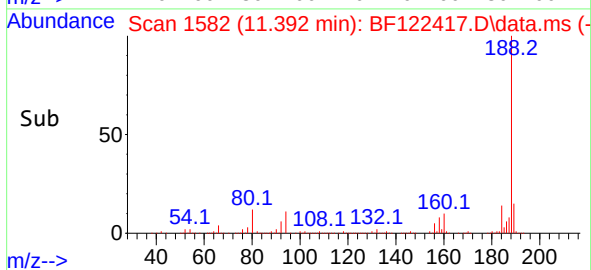
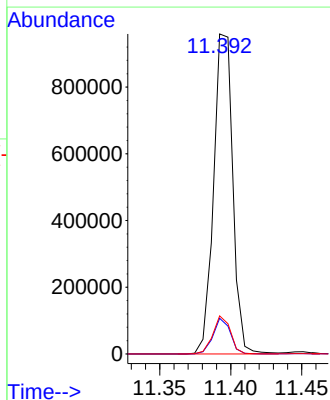
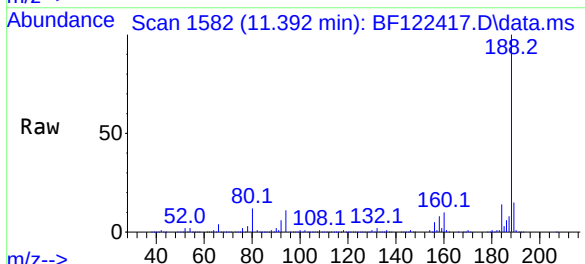
Instrument :
BNA_F
ClientSampled :
MW-4

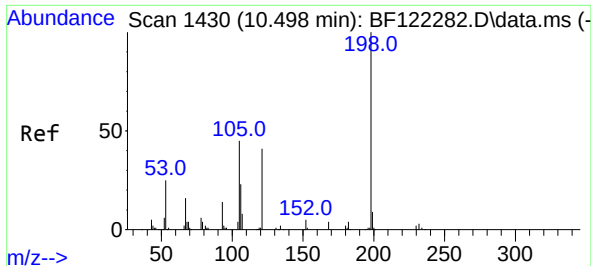
Tgt Ion:165 Resp: 61342
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Tgt Ion:188 Resp: 901972
Ion Ratio Lower Upper
188 100
94 11.2 8.3 12.5
80 11.9 9.1 13.7

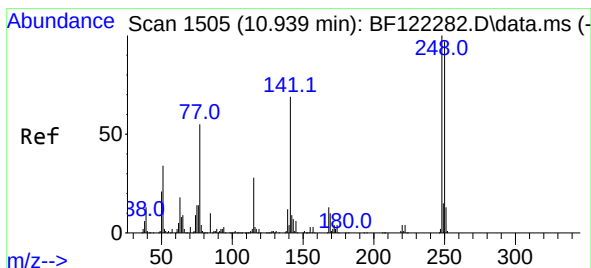
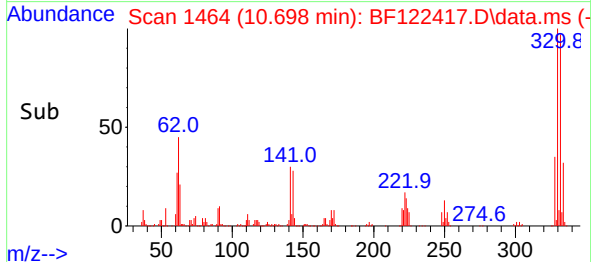
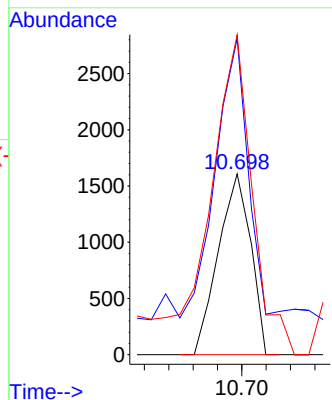
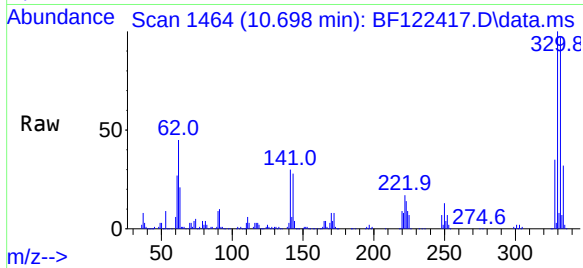




#65
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

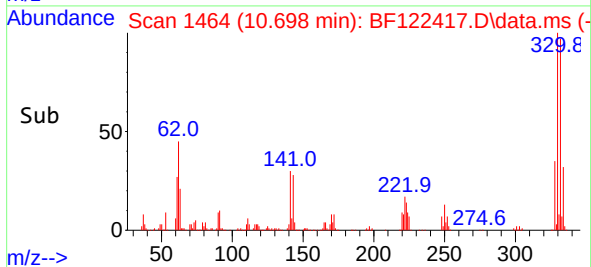
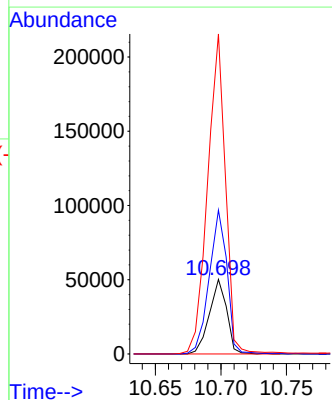
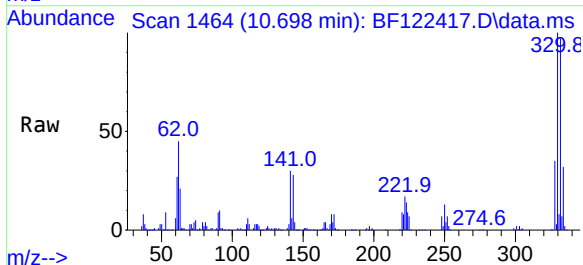
Instrument :
BNA_F
ClientSampled :
MW-4

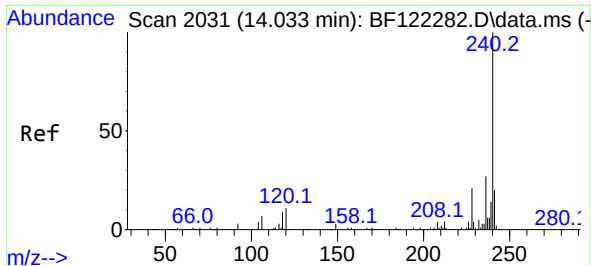
Tgt Ion:198 Resp: 1482
Ion Ratio Lower Upper
198 100
51 175.0 29.6 69.6#
105 177.0 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Tgt Ion:248 Resp: 46295
Ion Ratio Lower Upper
248 100
250 193.1 77.0 115.6#
141 429.5 53.7 80.5#

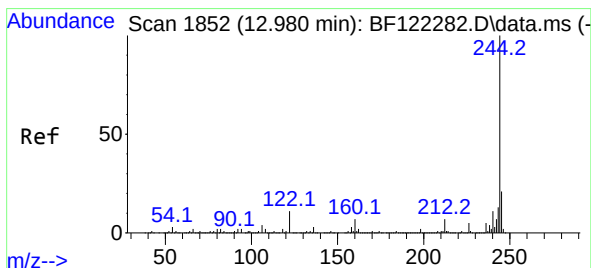
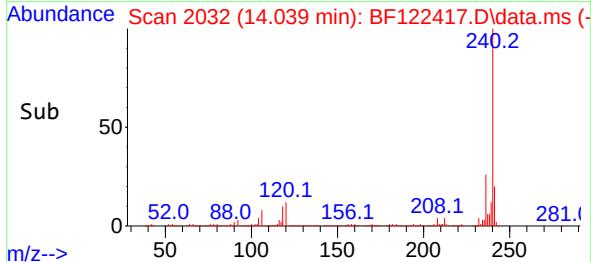
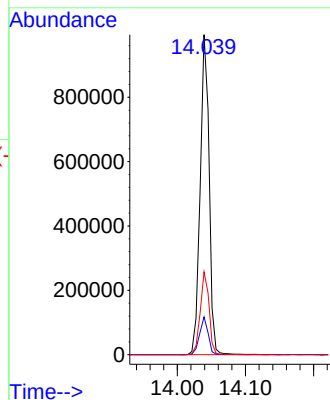
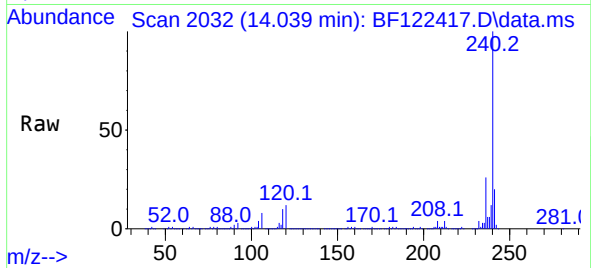




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

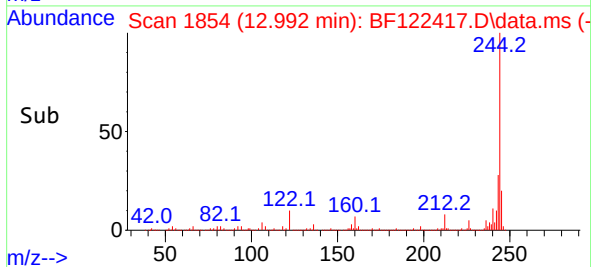
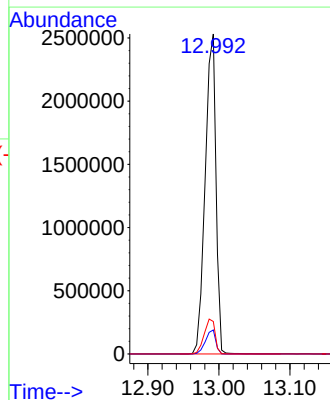
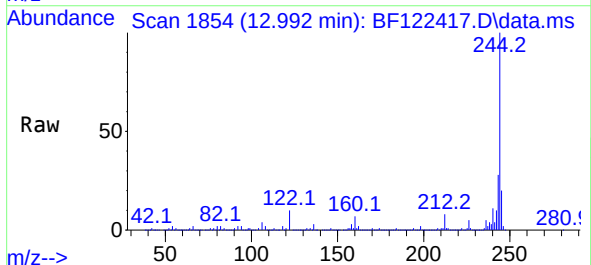
Instrument :
BNA_F
ClientSampled :
MW-4

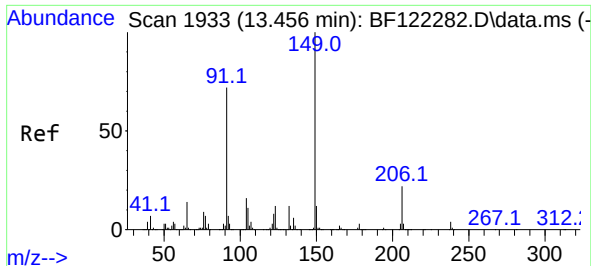
Tgt Ion:240 Resp: 906672
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 62.57 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Tgt Ion:244 Resp: 2678068
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 10.1 8.1 12.1



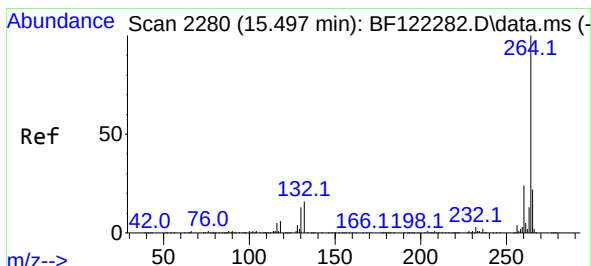
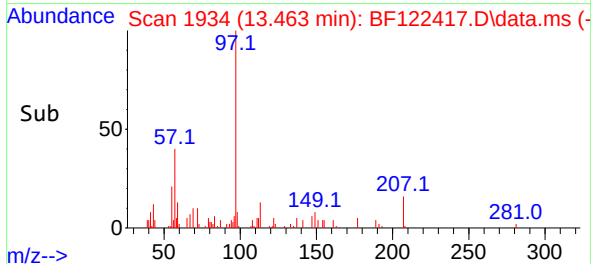
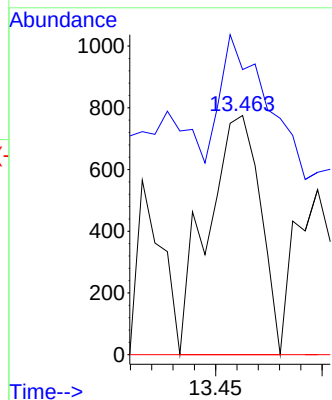
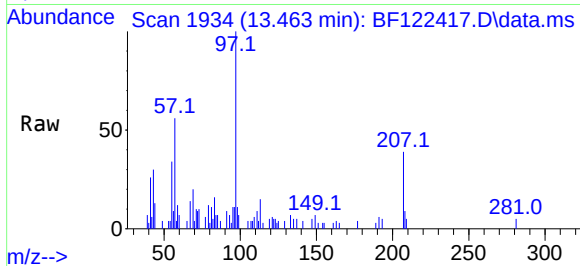


#80
Butylbenzylphthalate
Concen: 3.34 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Instrument :
BNA_F
ClientSampled :
MW-4

Tgt Ion:149 Resp: 1332

Ion	Ratio	Lower	Upper
149	100		
91	119.2	61.0	91.4#
206	0.0	16.7	25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122417.D
Acq: 20 Nov 2020 22:25

Tgt Ion:264 Resp: 935960

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.7	17.3	25.9

