

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122415.D
 Acq On : 20 Nov 2020 21:23
 Operator : JU/CG
 Sample : L4829-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Nov 20 23:55:00 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)

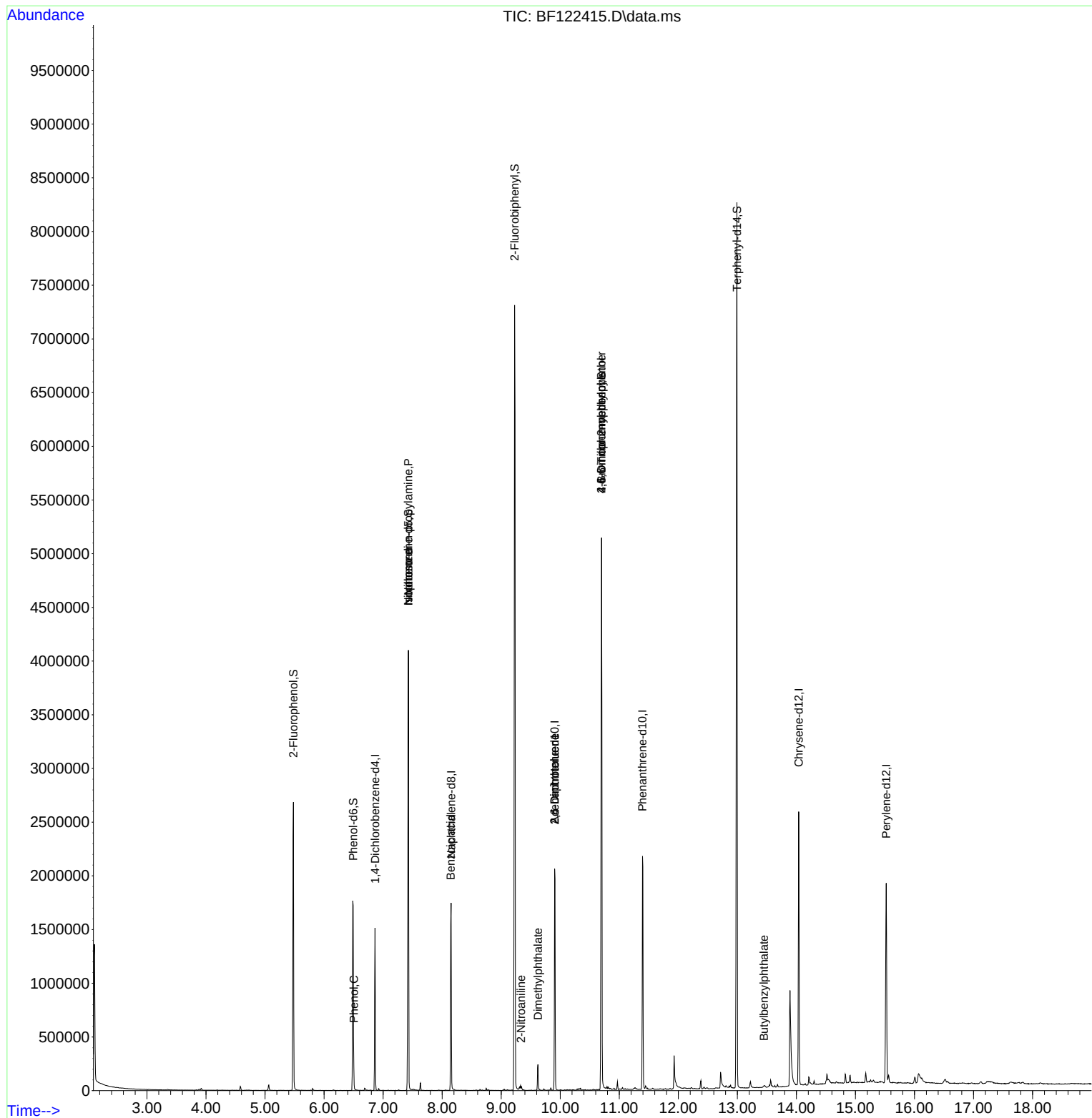
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	204565	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	803813	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	435954	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	842273	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	845490	20.00	ng	-0.01
86) Perylene-d12	15.521	264	878397	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	750130	56.31	ng	-0.01
7) Phenol-d6	6.492	99	631938	36.26	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1339765	102.04	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	712633	152.30	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2423575	86.86	ng	0.00
79) Terphenyl-d14	12.992	244	2793366	69.99	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	1638	Below Cal	#	3
10) Phenol	6.504	94	51469	3.00	ng	# 74
19) n-Nitroso-di-n-propyla...	7.428	70	182079	17.48	ng	# 74
25) Isophorone	7.428	82	1333810	45.57	ng	# 67
32) Benzoic acid	8.145	122	116	7.97	ng	# 1
48) 2-Nitroaniline	9.333	65	591	5.23	ng	# 6
50) Dimethylphthalate	9.622	163	101774	3.28	ng	99
51) 2,6-Dinitrotoluene	9.904	165	56617	11.37	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	56617	10.59	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1312	6.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	46256	4.67	ng	# 1
80) Butylbenzylphthalate	13.451	149	833	3.32	ng	# 15

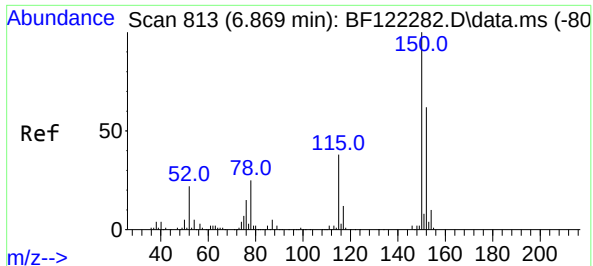
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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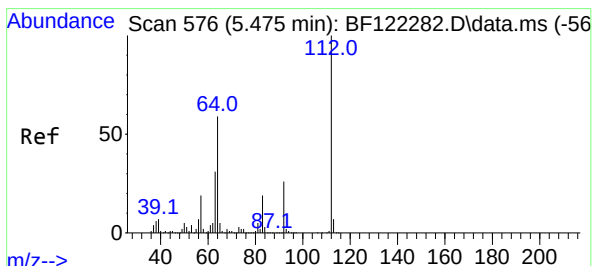
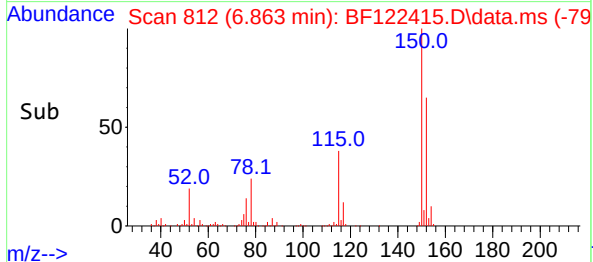
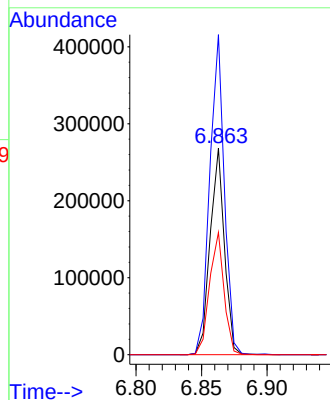
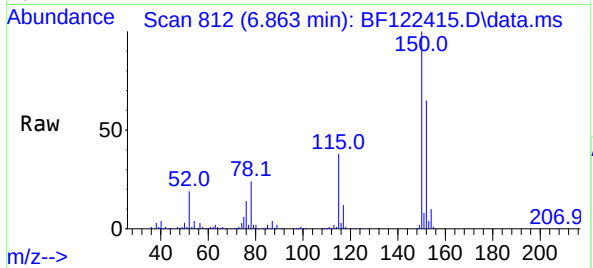




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

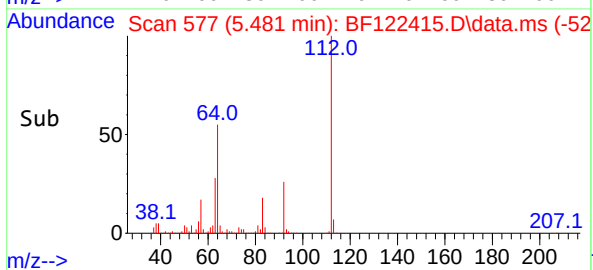
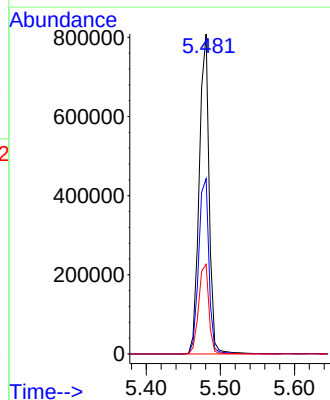
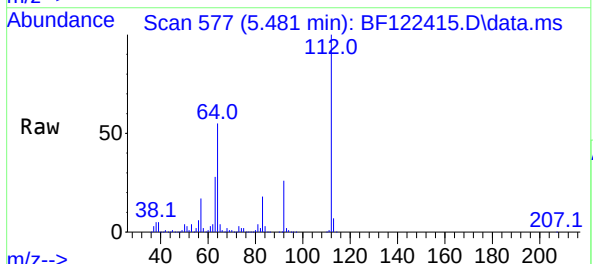
Instrument :
BNA_F
ClientSampleId :
MW-17

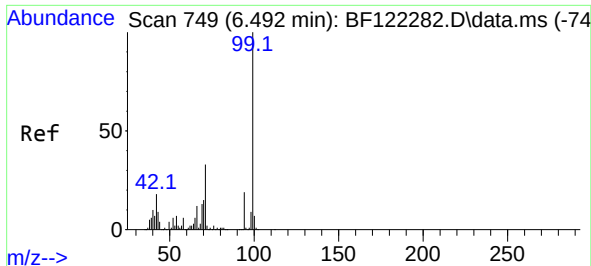
Tgt Ion:152 Resp: 204565
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 59.2 51.9 77.9



#5
2-Fluorophenol
Concen: 56.31 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Tgt Ion:112 Resp: 750130
Ion Ratio Lower Upper
112 100
64 54.8 50.4 75.6
63 28.0 25.8 38.6

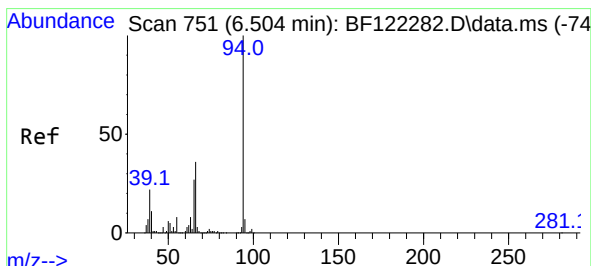
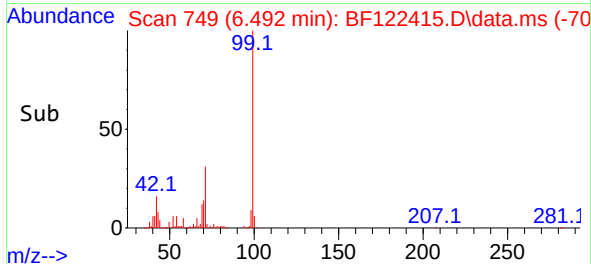
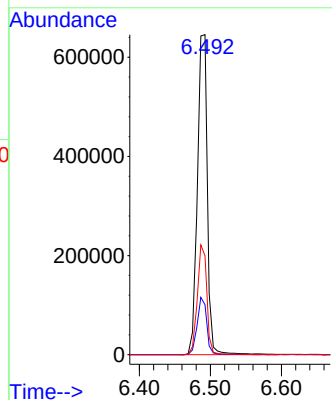
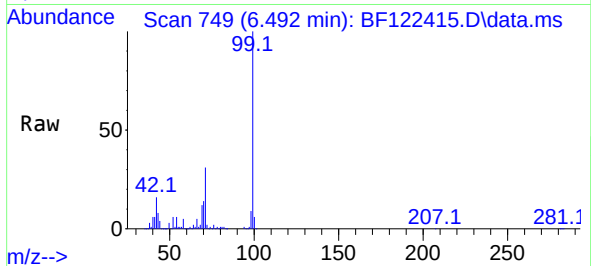




#7
Phenol-d6
Concen: 36.26 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

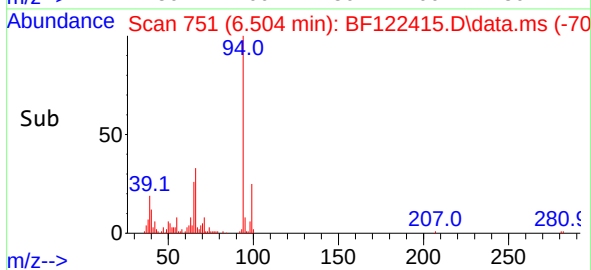
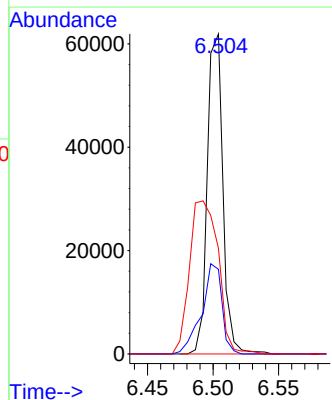
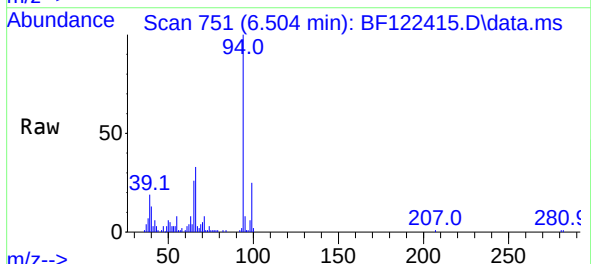
Instrument :
BNA_F
ClientSampleId :
MW-17

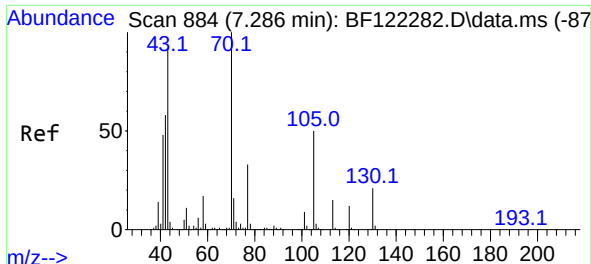
Tgt Ion: 99 Resp: 631938
Ion Ratio Lower Upper
99 100
42 15.6 15.9 23.9#
71 30.9 27.1 40.7



#10
Phenol
Concen: 3.00 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Tgt Ion: 94 Resp: 51469
Ion Ratio Lower Upper
94 100
65 26.4 17.1 57.1
66 33.0 36.0 76.0#



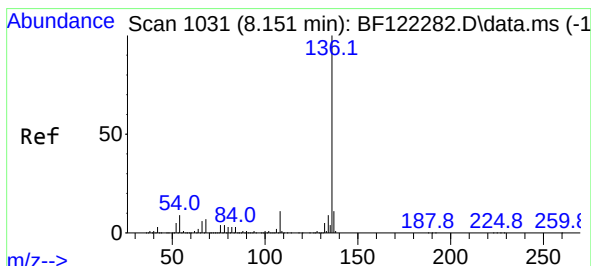
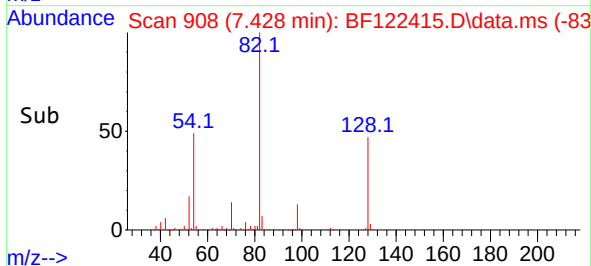
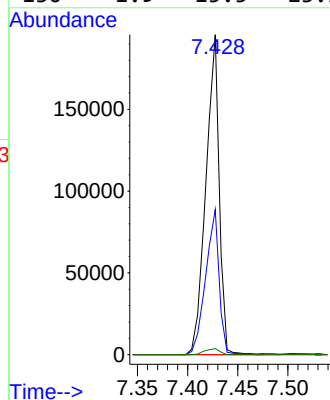
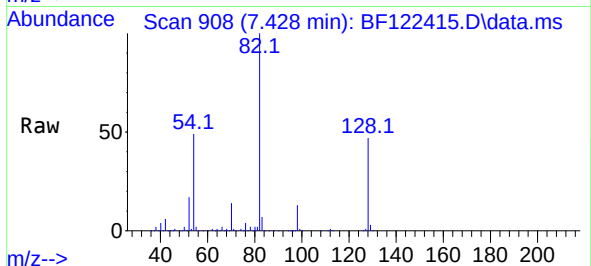


#19

n-Nitroso-di-n-propylamine
Concen: 17.48 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Instrument :
BNA_F
ClientSampleId :
MW-17

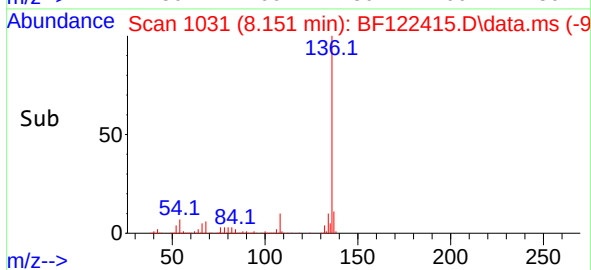
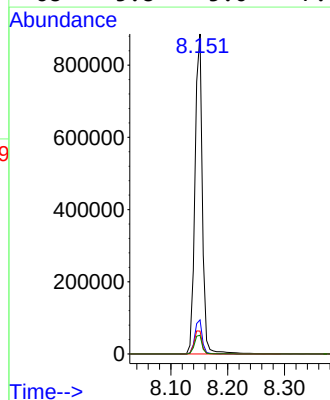
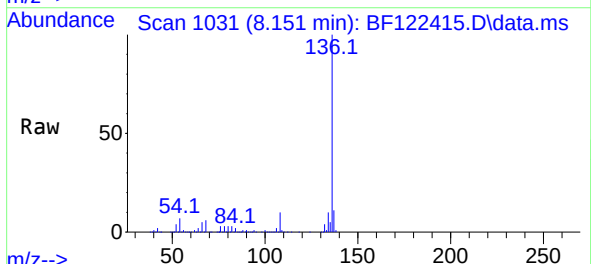
Tgt Ion: 70 Resp: 182079
Ion Ratio Lower Upper
70 100
42 45.4 50.2 75.4#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#

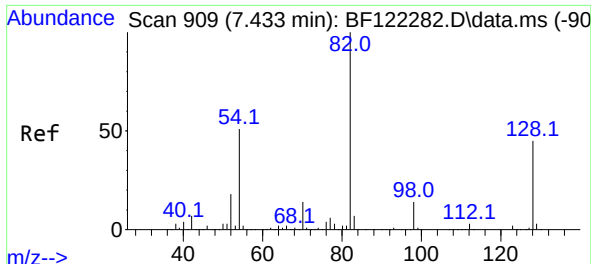


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Tgt Ion:136 Resp: 803813
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.2 7.1 10.7
68 5.8 5.0 7.4



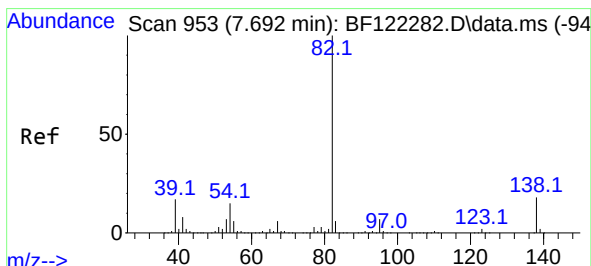
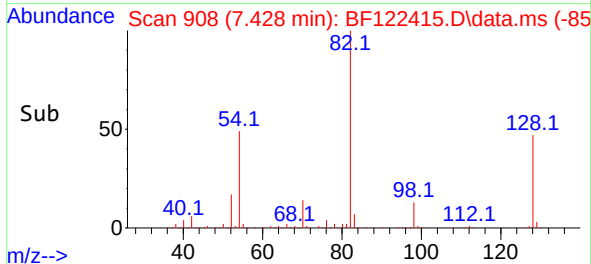
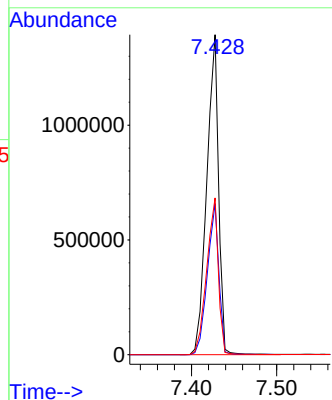
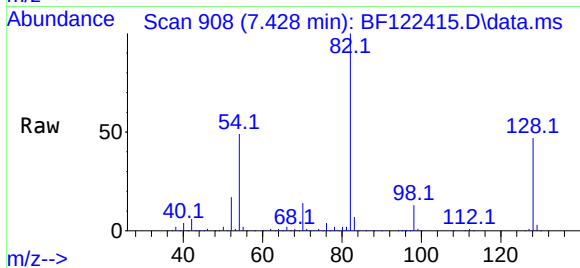


#23
Nitrobenzene-d5
Concen: 102.04 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 82 Resp: 1339765

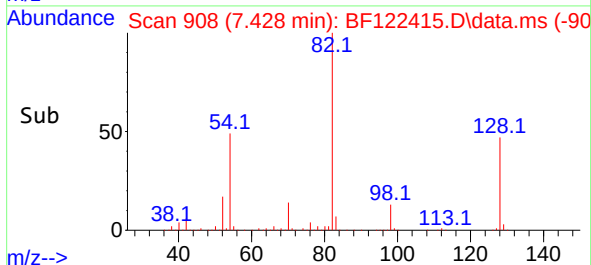
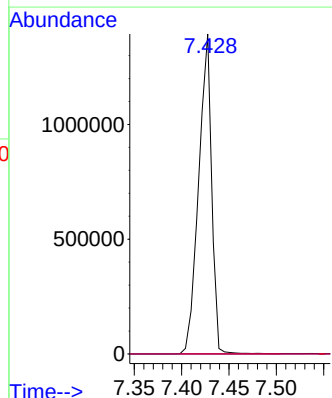
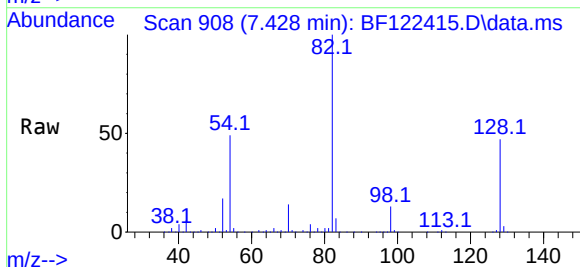
Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.0	52.4
54	49.0	43.9	65.9

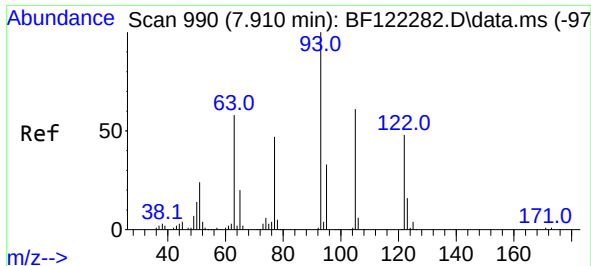


#25
Isophorone
Concen: 45.57 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Tgt Ion: 82 Resp: 1333810

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

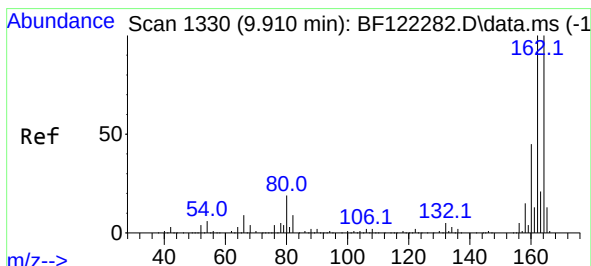
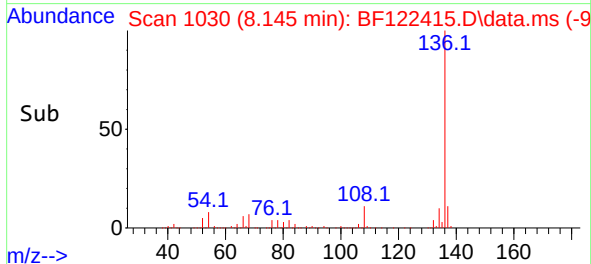
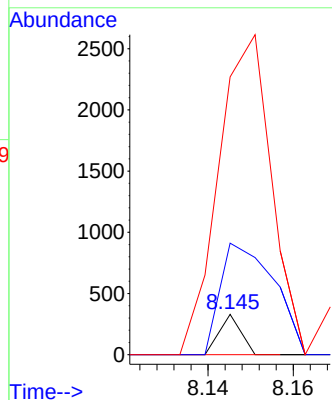
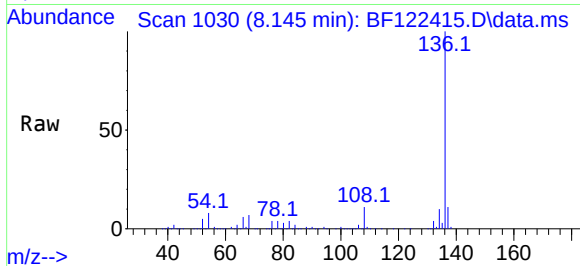




#32
Benzoic acid
Concen: 7.97 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.206 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

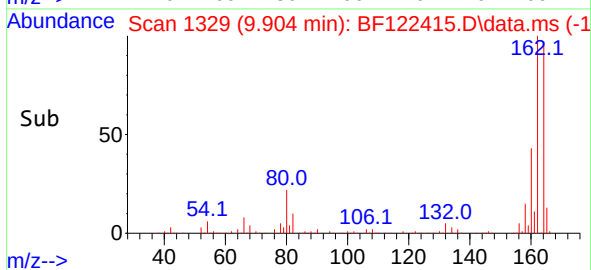
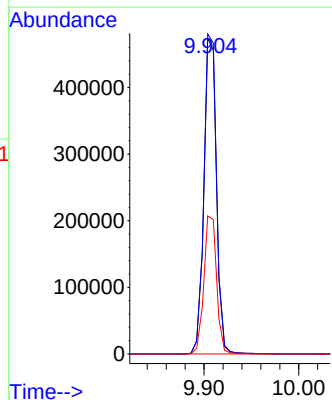
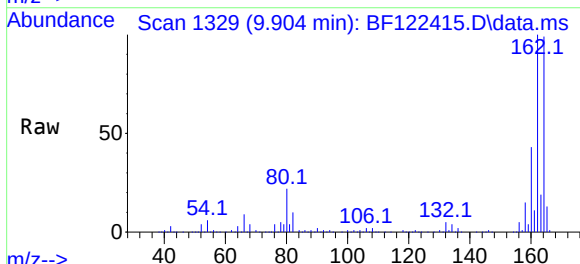
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ClientSampleId :
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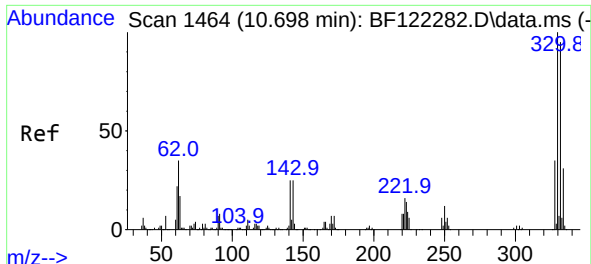
Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 276.4 103.3 143.3#
77 687.9 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Tgt Ion:164 Resp: 435954
Ion Ratio Lower Upper
164 100
162 101.3 83.2 124.8
160 43.8 37.5 56.3

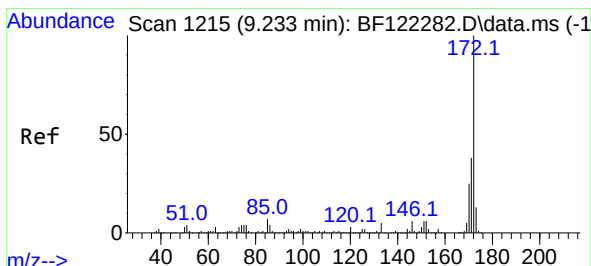
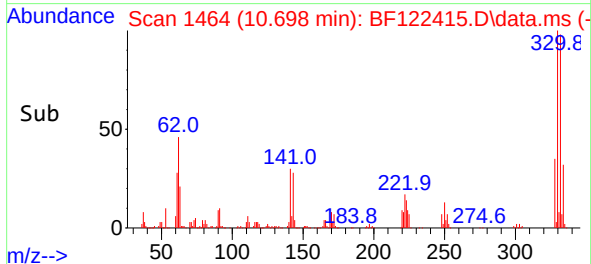
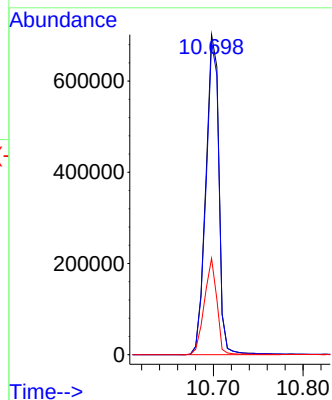
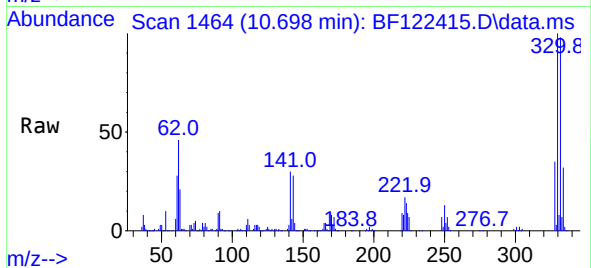




#42
2,4,6-Tribromophenol
Concen: 152.30 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

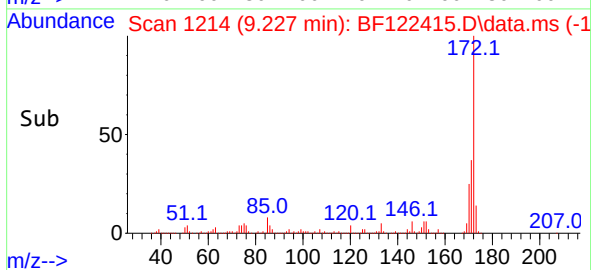
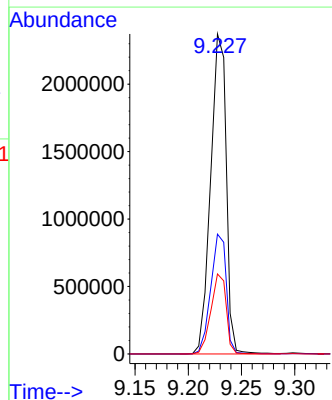
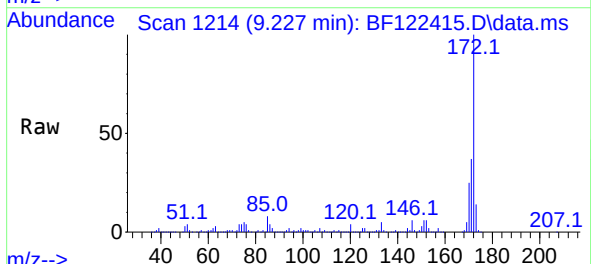
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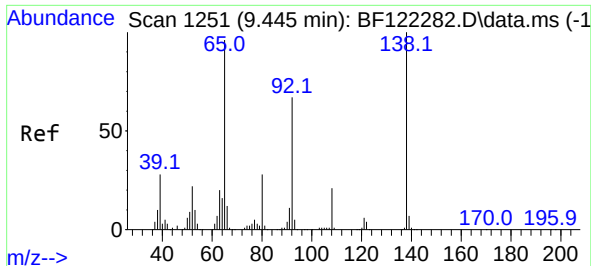
Tgt Ion:330 Resp: 712633
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 28.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 86.86 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Tgt Ion:172 Resp: 2423575
Ion Ratio Lower Upper
172 100
171 37.5 29.1 43.7
170 25.0 19.8 29.6

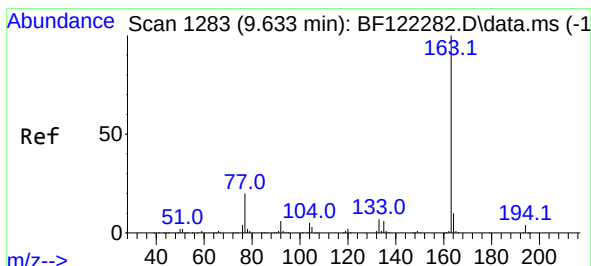
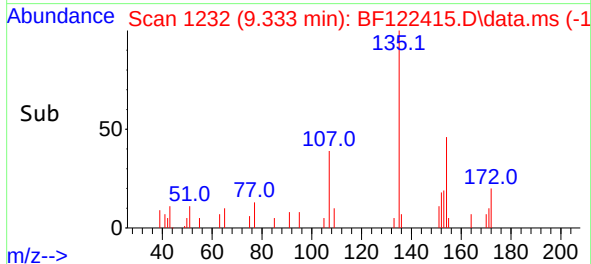
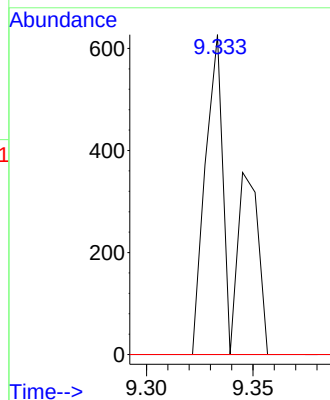
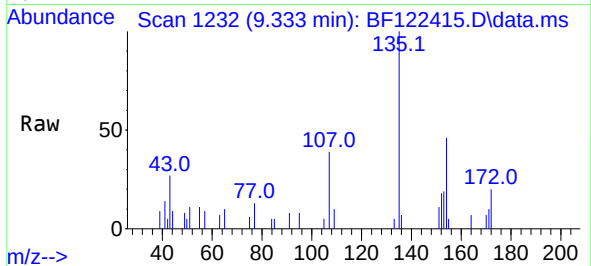




#48
2-Nitroaniline
Concen: 5.23 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.124 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

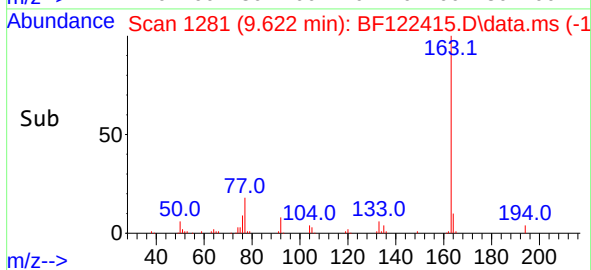
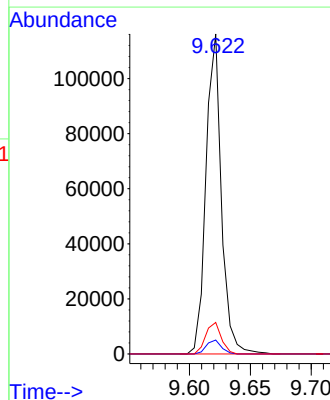
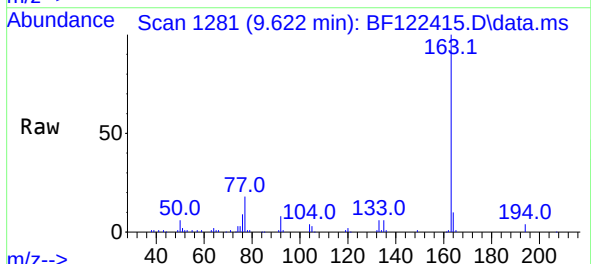
Instrument :
BNA_F
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MW-17

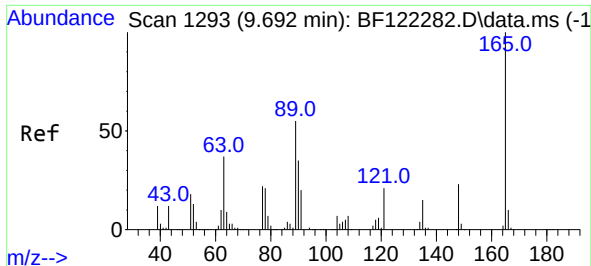
Tgt Ion: 65 Resp: 591
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 3.28 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Tgt Ion:163 Resp: 101774
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.9 8.2 12.4

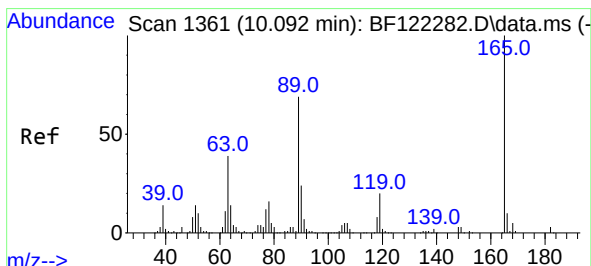
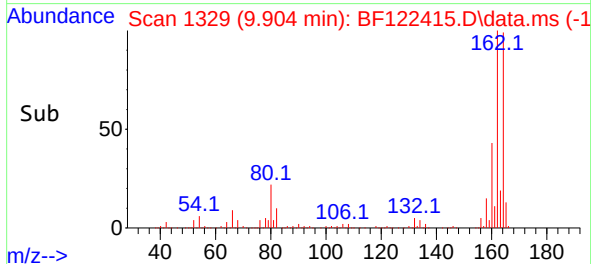
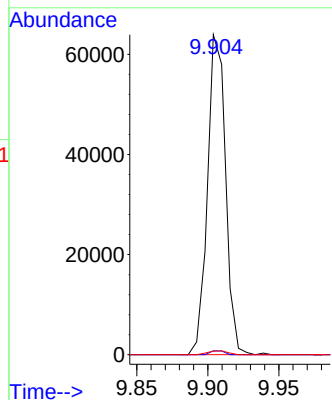
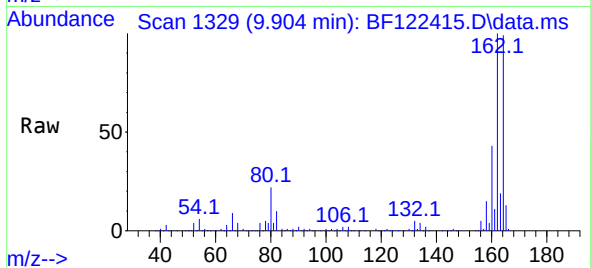




#51
2,6-Dinitrotoluene
Concen: 11.37 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

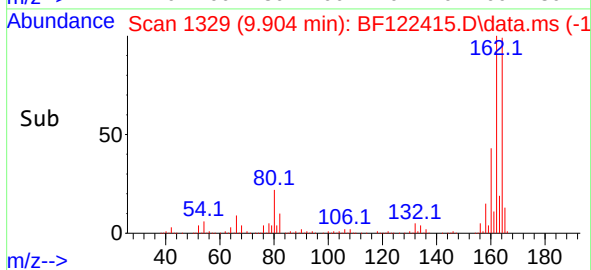
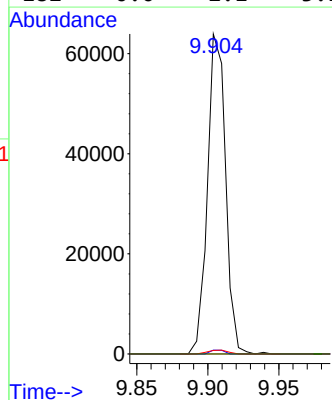
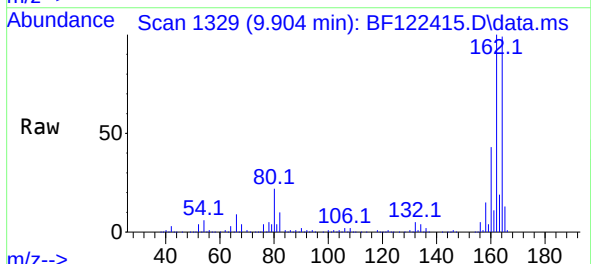
Instrument :
BNA_F
ClientSampleId :
MW-17

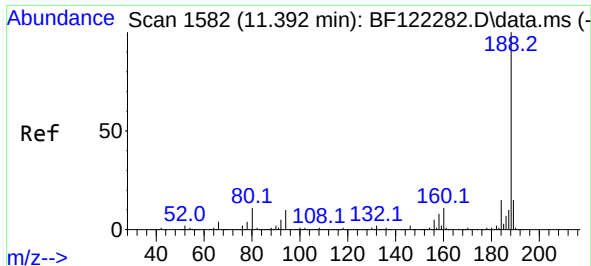
Tgt Ion:165 Resp: 56617
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.1 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.59 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

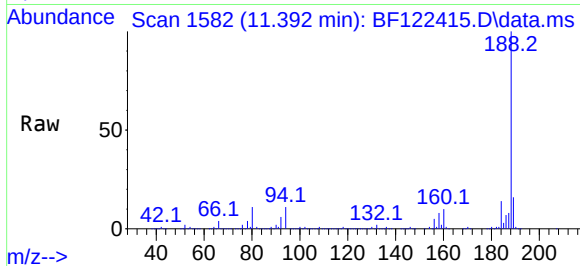
Tgt Ion:165 Resp: 56617
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.1 61.8 92.8#
182 0.0 2.1 3.1#



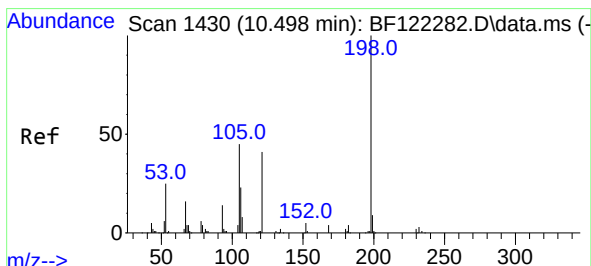
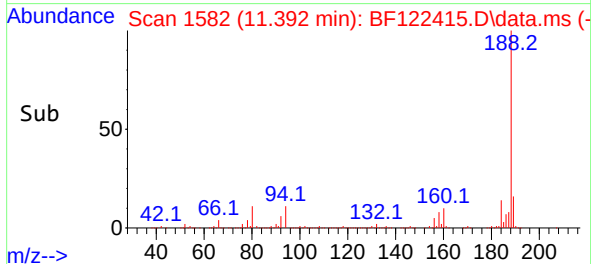
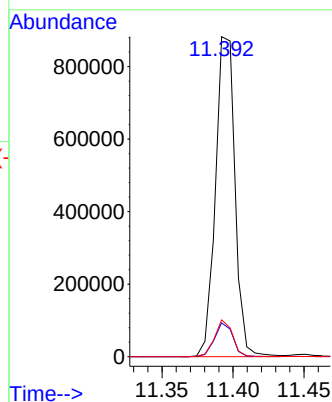


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Instrument :
BNA_F
ClientSampleId :
MW-17

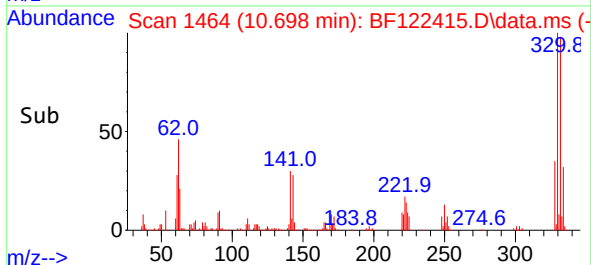
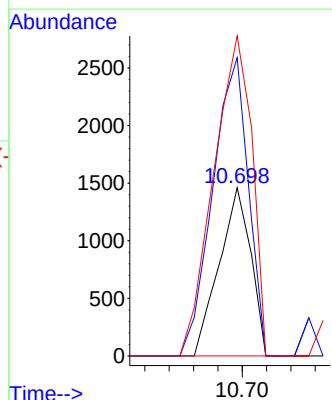
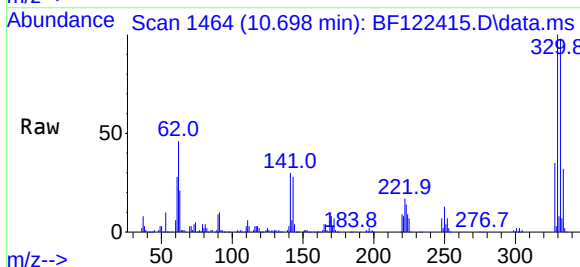


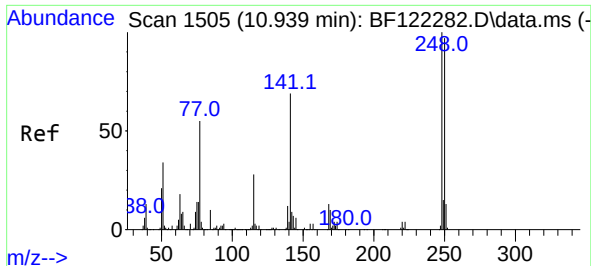
Tgt Ion:188 Resp: 842273
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.60 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Tgt Ion:198 Resp: 1312
Ion Ratio Lower Upper
198 100
51 177.2 29.6 69.6#
105 190.1 24.4 64.4#

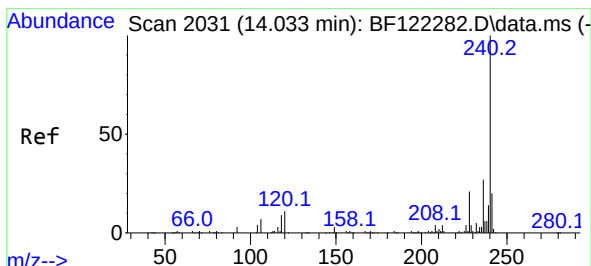
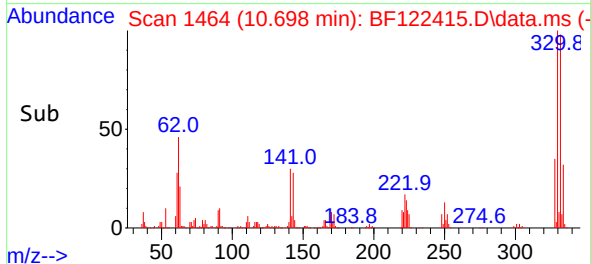
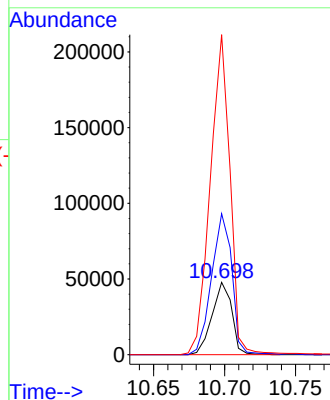
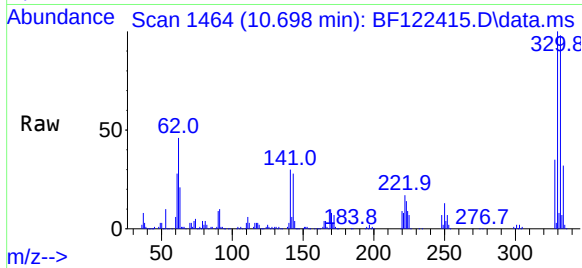




#67
4-Bromophenyl-phenylether
Concen: 4.67 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

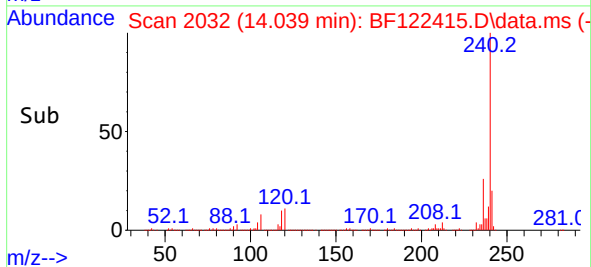
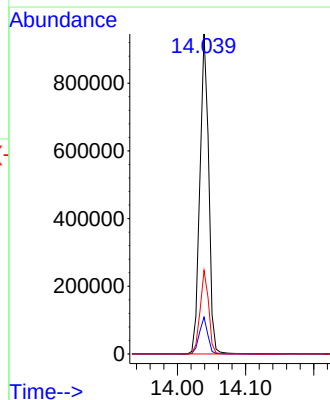
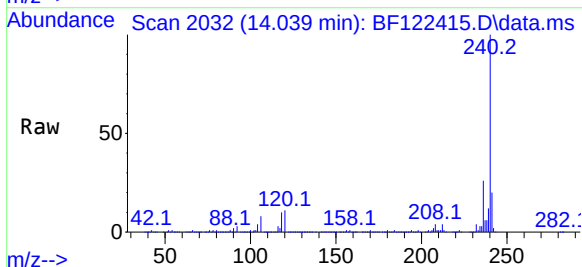
Instrument :
BNA_F
ClientSampled :
MW-17

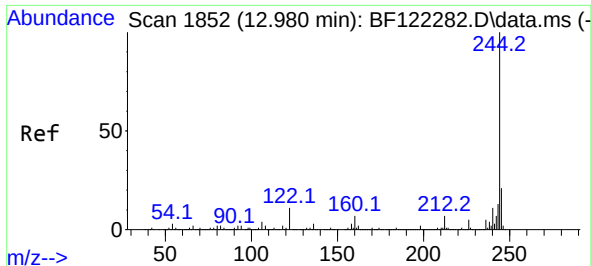
Tgt Ion:248 Resp: 46256
Ion Ratio Lower Upper
248 100
250 195.2 77.0 115.6#
141 442.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122415.D
Acq: 20 Nov 2020 21:23

Tgt Ion:240 Resp: 845490
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 26.2 20.9 31.3

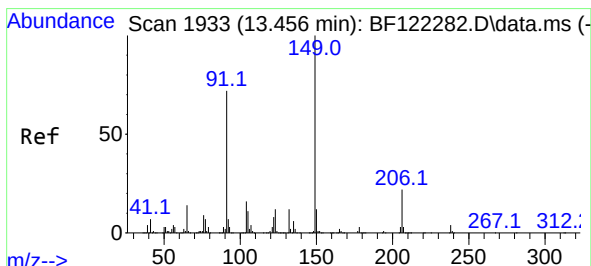
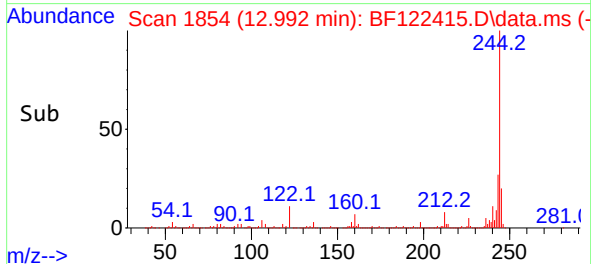
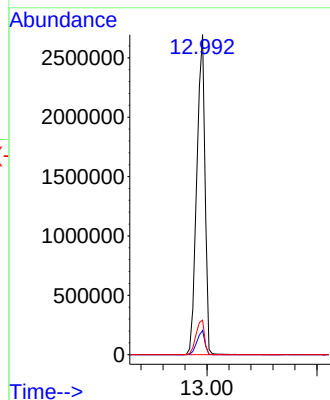
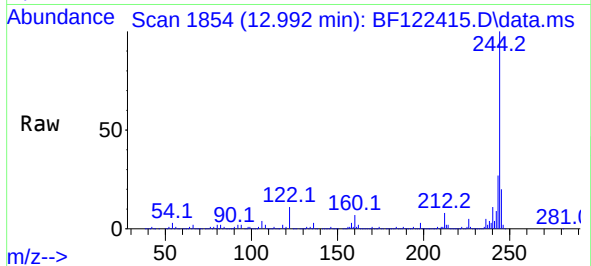




#79
 Terphenyl-d14
 Concen: 69.99 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF122415.D
 Acq: 20 Nov 2020 21:23

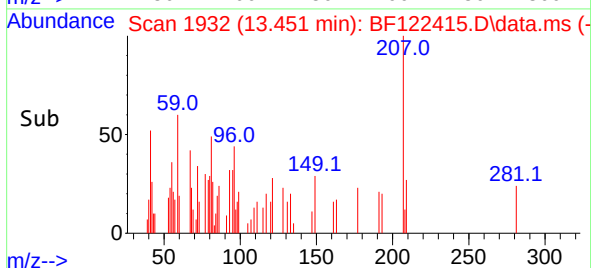
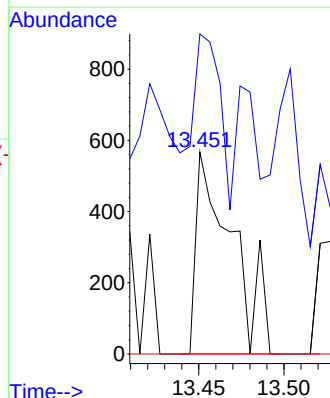
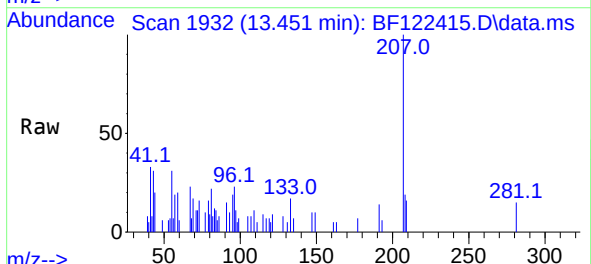
Instrument :
 BNA_F
 ClientSampleId :
 MW-17

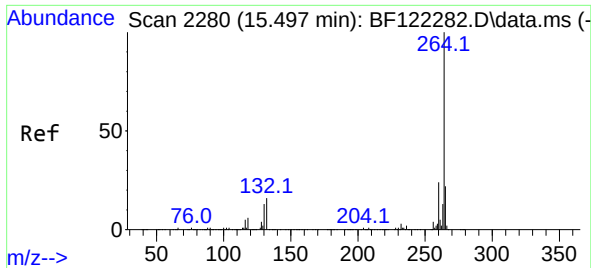
Tgt Ion:244 Resp: 2793366
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 10.8 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.32 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.018 min
 Lab File: BF122415.D
 Acq: 20 Nov 2020 21:23

Tgt Ion:149 Resp: 833
 Ion Ratio Lower Upper
 149 100
 91 158.6 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: BF122415.D
 Acq: 20 Nov 2020 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:264 Resp: 878397
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.8 17.3 25.9

