

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122385.D
 Acq On : 19 Nov 2020 17:35
 Operator : JU/CG
 Sample : L4806-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-018-ABCD

Quant Time: Nov 20 00:02:37 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 10 12:25:42 2020
 Response via : Initial Calibration

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

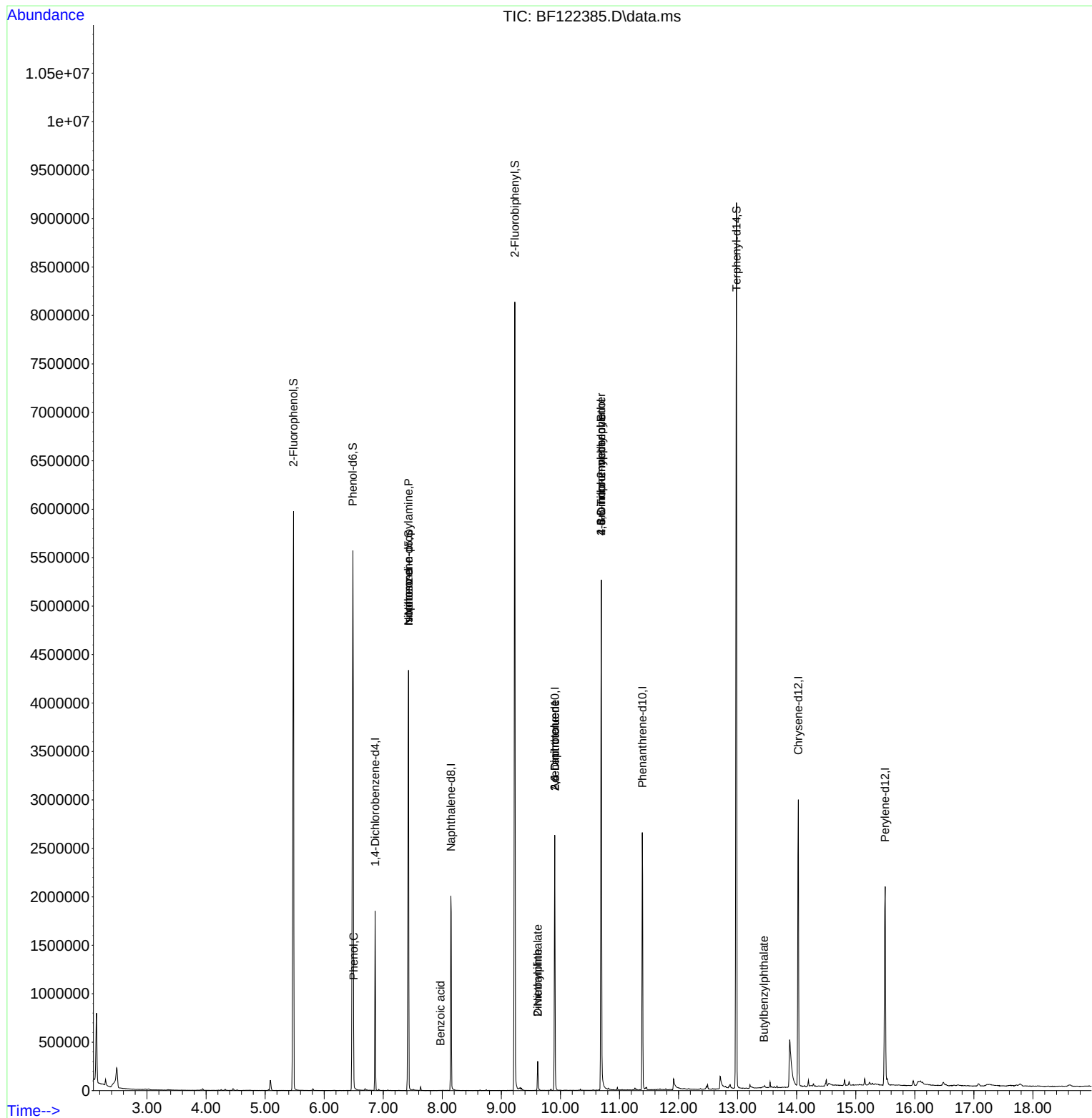
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	243351	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	944345	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	511575	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	993872	20.00	ng	0.00
76) Chrysene-d12	14.027	240	1002308	20.00	ng	0.00
86) Perylene-d12	15.498	264	978599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1848415	116.63	ng	0.00
7) Phenol-d6	6.486	99	2392467	115.40	ng	0.00
23) Nitrobenzene-d5	7.428	82	1464837	94.96	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	715660	130.34	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2607009	79.62	ng	0.00
79) Terphenyl-d14	12.980	244	3131618	66.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.492	77	4642	Below Cal	#	3
10) Phenol	6.498	94	106303	5.21	ng	# 75
19) n-Nitroso-di-n-propyla...	7.428	70	197549	15.94	ng	# 74
25) Isophorone	7.428	82	1454092	42.28	ng	# 67
32) Benzoic acid	7.969	122	697	8.03	ng	98
48) 2-Nitroaniline	9.616	65	1159	5.28	ng	# 1
50) Dimethylphthalate	9.616	163	129576	3.56	ng	100
51) 2,6-Dinitrotoluene	9.904	165	66466	11.37	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	66466	10.60	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1512	6.59	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	45591	3.90	ng	# 1
80) Butylbenzylphthalate	13.445	149	246	3.30	ng	# 72

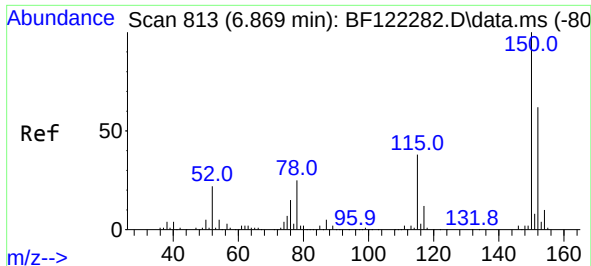
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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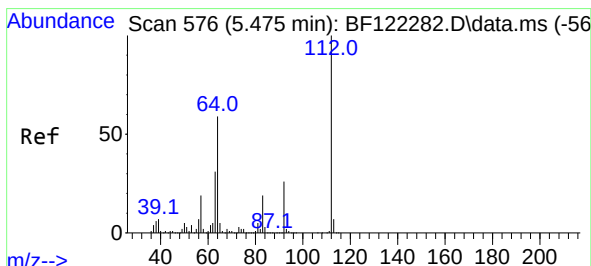
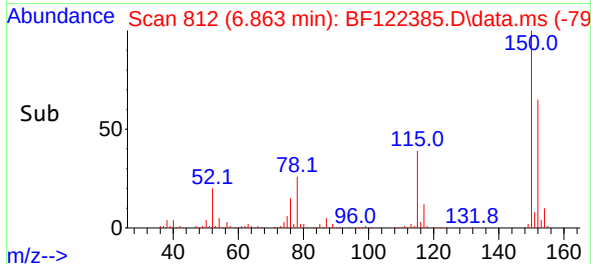
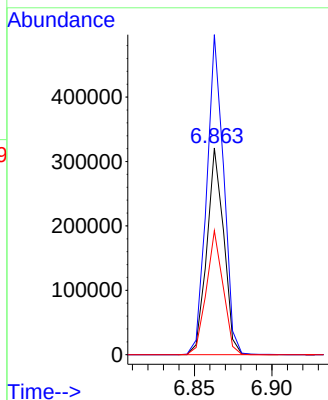
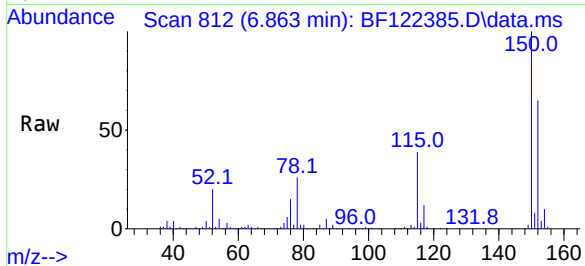




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

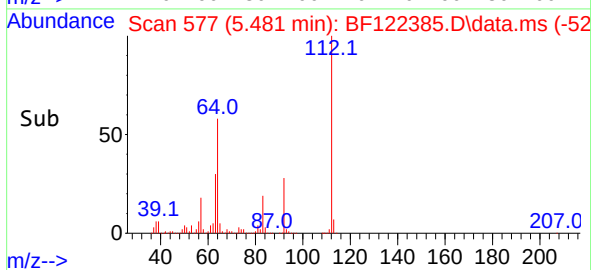
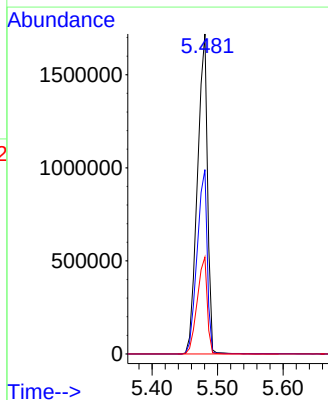
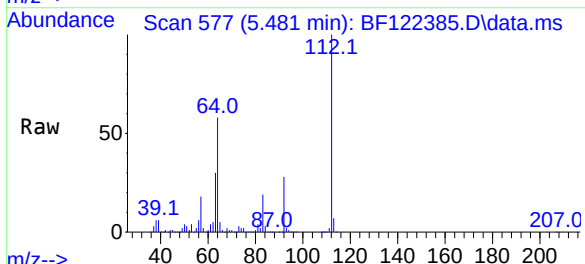
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-018-ABCD

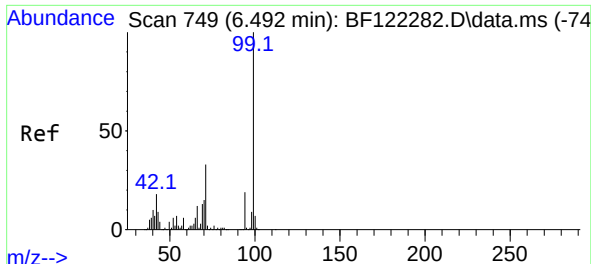
Tgt Ion:152 Resp: 243351
Ion Ratio Lower Upper
152 100
150 154.8 125.3 187.9
115 60.0 51.9 77.9



#5
2-Fluorophenol
Concen: 116.63 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

Tgt Ion:112 Resp: 1848415
Ion Ratio Lower Upper
112 100
64 57.6 50.4 75.6
63 30.2 25.8 38.6



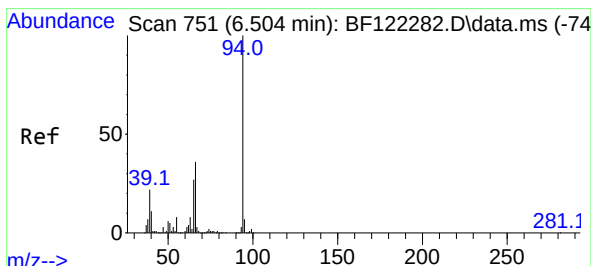
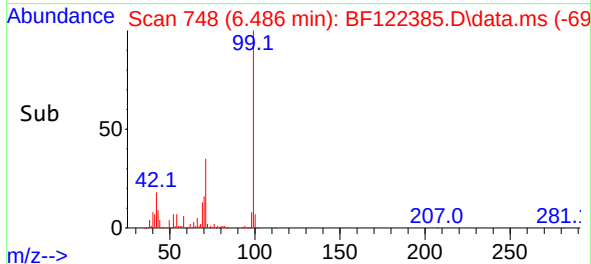
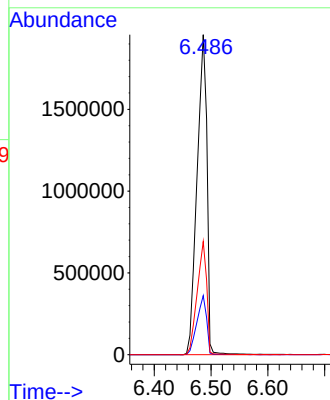
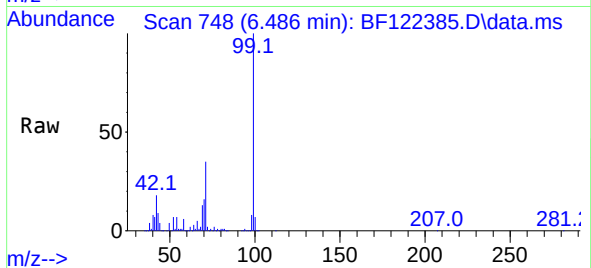


#7
Phenol-d6
Concen: 115.40 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-018-ABCD

Tgt Ion: 99 Resp: 2392467

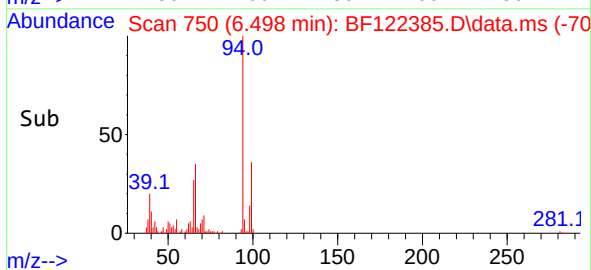
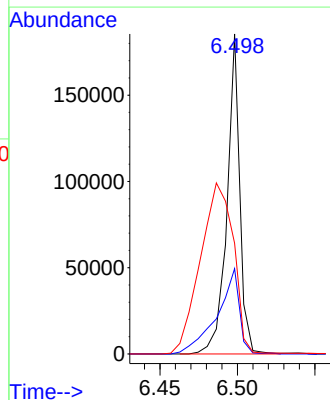
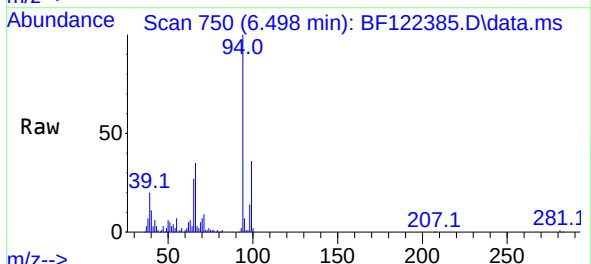
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.9	23.9
71	35.4	27.1	40.7

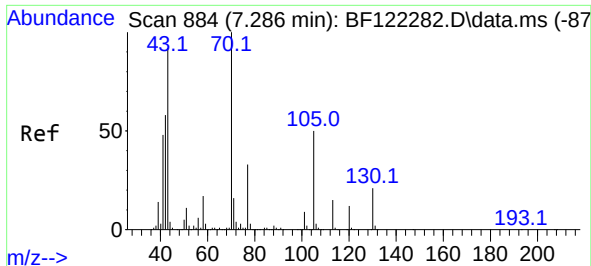


#10
Phenol
Concen: 5.21 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

Tgt Ion: 94 Resp: 106303

Ion	Ratio	Lower	Upper
94	100		
65	26.7	17.1	57.1
66	34.6	36.0	76.0



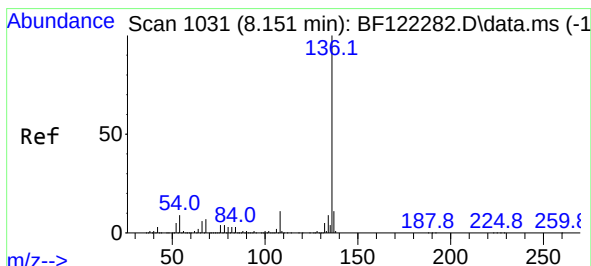
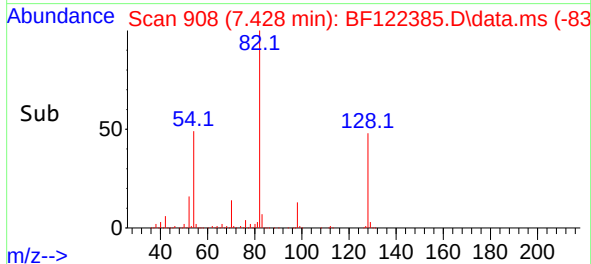
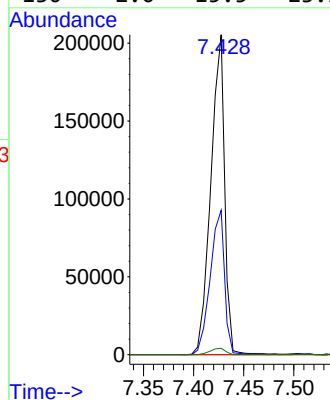
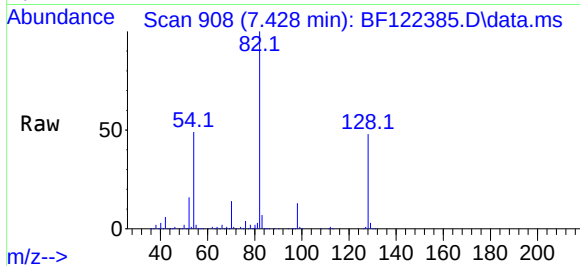


#19
n-Nitroso-di-n-propylamine
Concen: 15.94 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-018-ABCD

Tgt Ion: 70 Resp: 197549

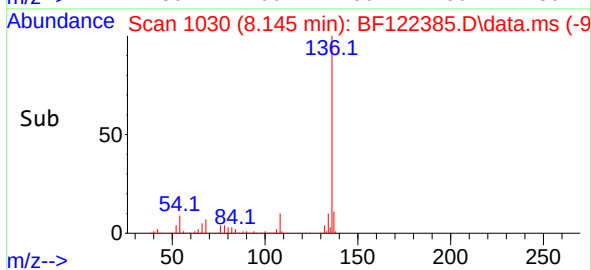
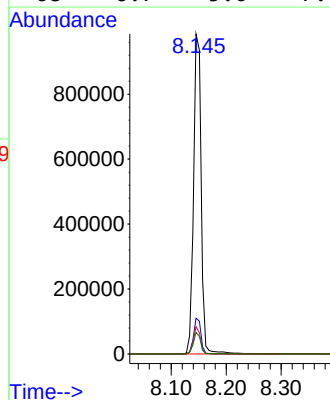
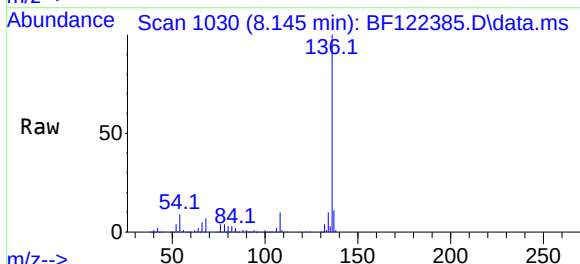
Ion	Ratio	Lower	Upper
70	100		
42	45.1	50.2	75.4#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#

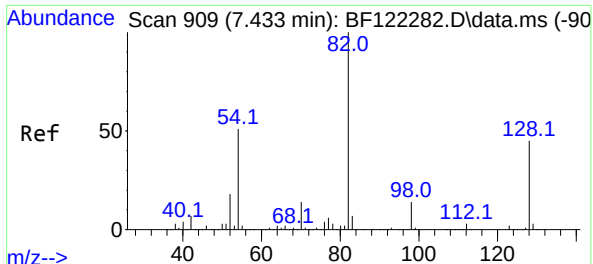


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

Tgt Ion: 136 Resp: 944345

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.5	7.1	10.7
68	6.7	5.0	7.4





#23

Nitrobenzene-d5

Concen: 94.96 ng

RT: 7.428 min Scan# 908

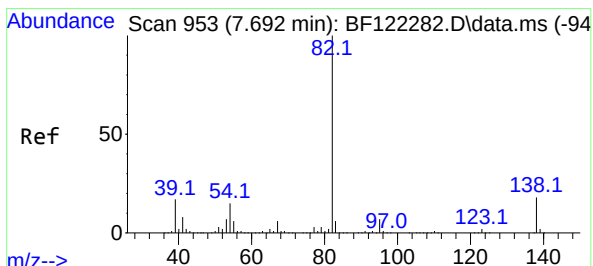
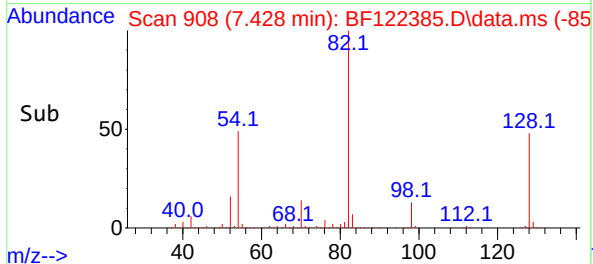
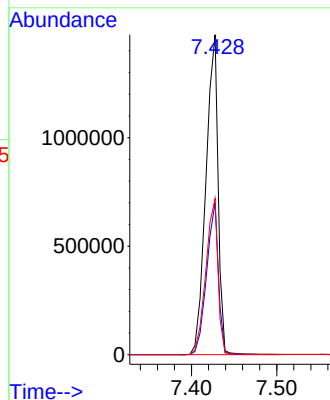
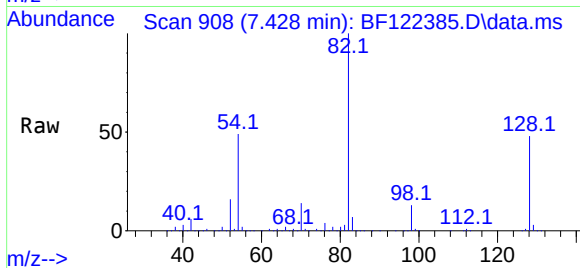
Delta R.T. -0.006 min

Lab File: BF122385.D

Acq: 19 Nov 2020 17:35

Tgt Ion: 82 Resp: 1464837

Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.0	52.4
54	48.8	43.9	65.9



#25

Isophorone

Concen: 42.28 ng

RT: 7.428 min Scan# 908

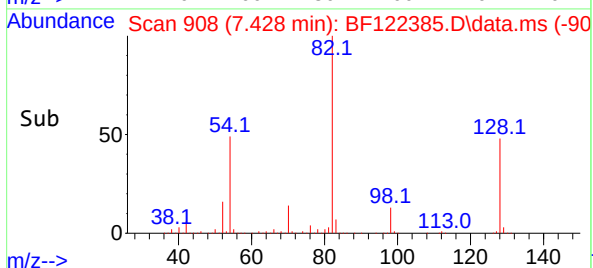
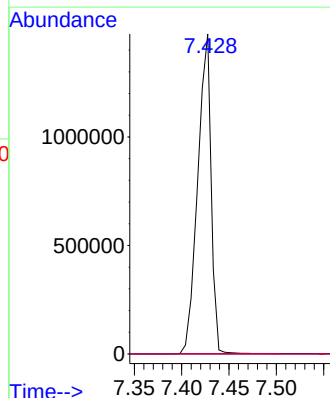
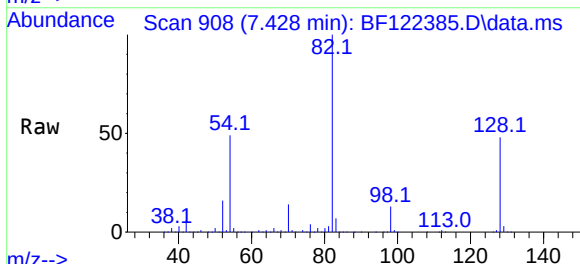
Delta R.T. -0.264 min

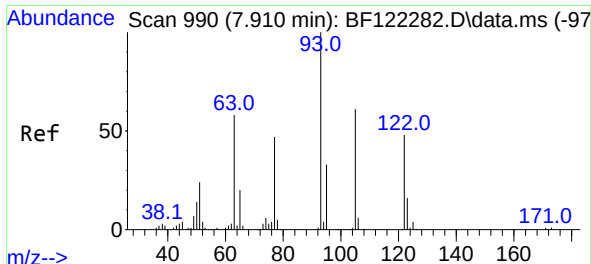
Lab File: BF122385.D

Acq: 19 Nov 2020 17:35

Tgt Ion: 82 Resp: 1454092

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

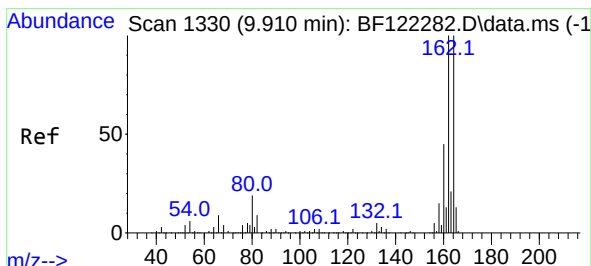
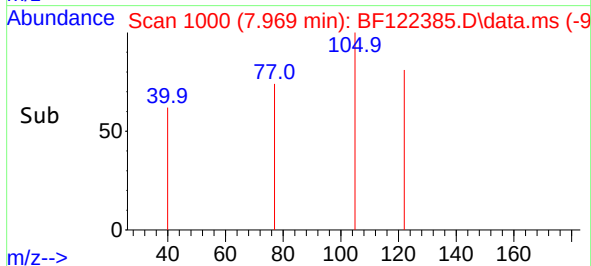
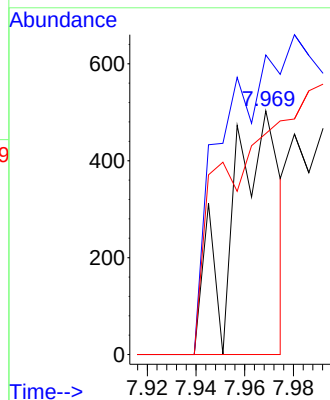
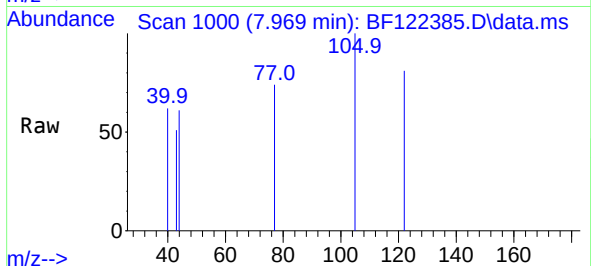




#32
Benzoic acid
Concen: 8.03 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.059 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

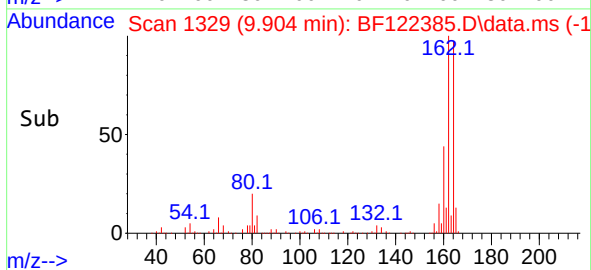
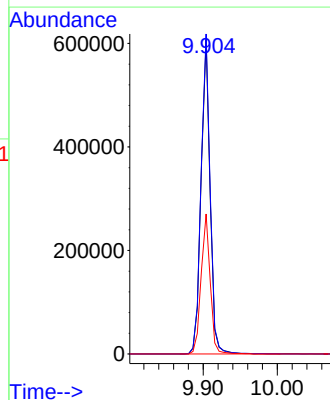
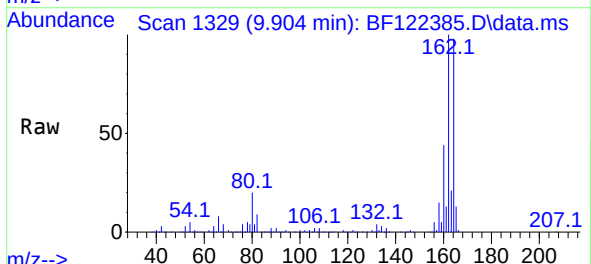
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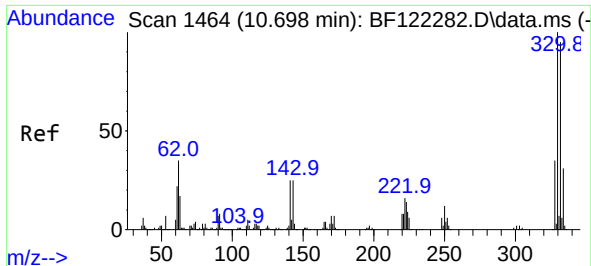
Tgt Ion:122 Resp: 697
Ion Ratio Lower Upper
122 100
105 122.9 103.3 143.3
77 90.7 73.9 113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

Tgt Ion:164 Resp: 511575
Ion Ratio Lower Upper
164 100
162 101.9 83.2 124.8
160 44.6 37.5 56.3

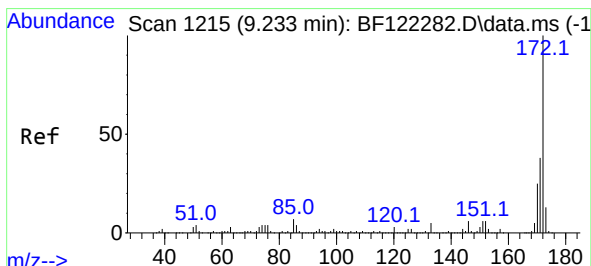
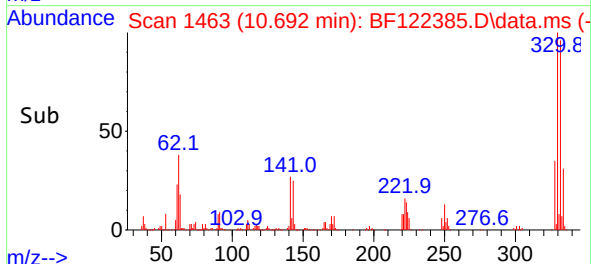
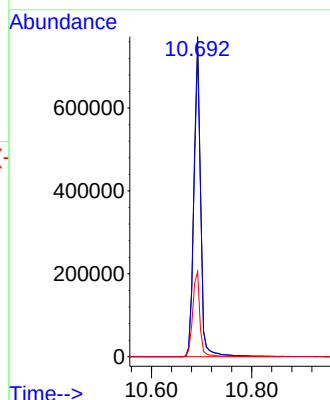
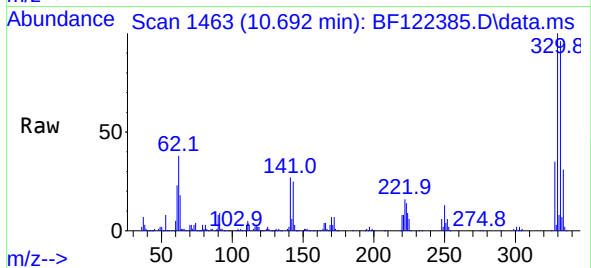




#42
2,4,6-Tribromophenol
Concen: 130.34 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

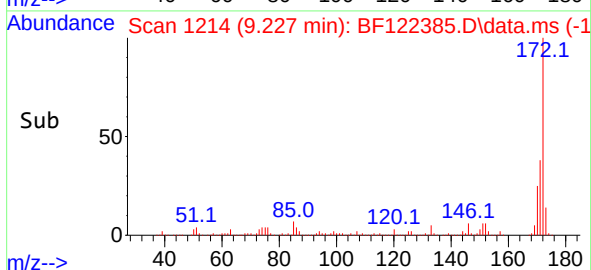
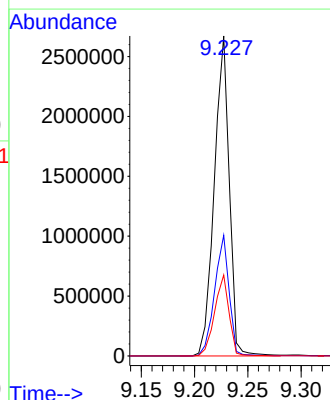
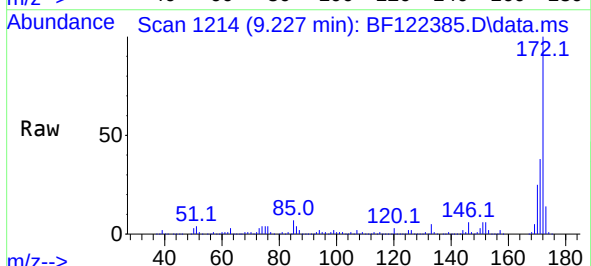
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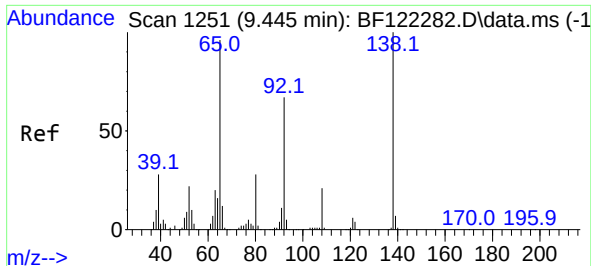
Tgt Ion:330 Resp: 715660
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 28.7 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 79.62 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

Tgt Ion:172 Resp: 2607009
Ion Ratio Lower Upper
172 100
171 37.7 29.1 43.7
170 25.3 19.8 29.6

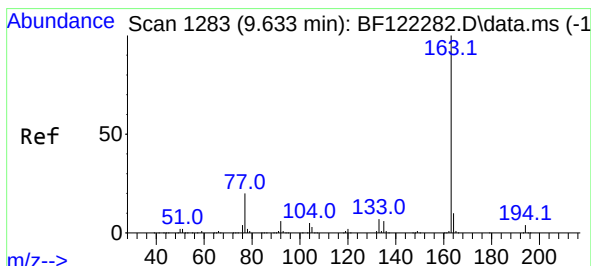
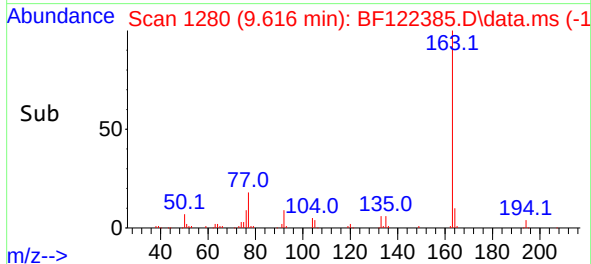
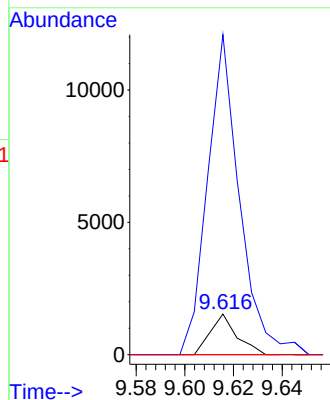
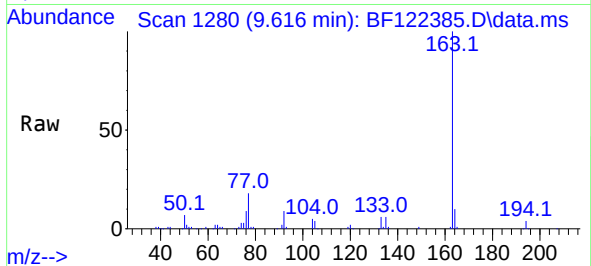




#48
2-Nitroaniline
Concen: 5.28 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.171 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

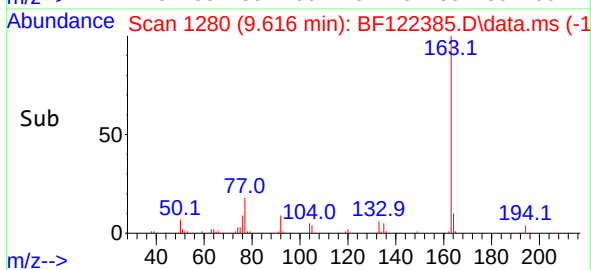
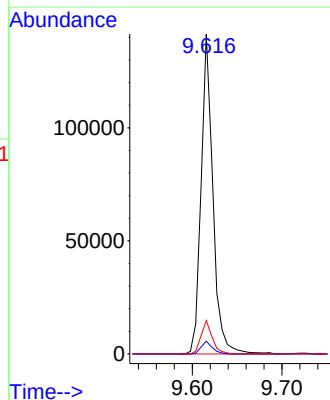
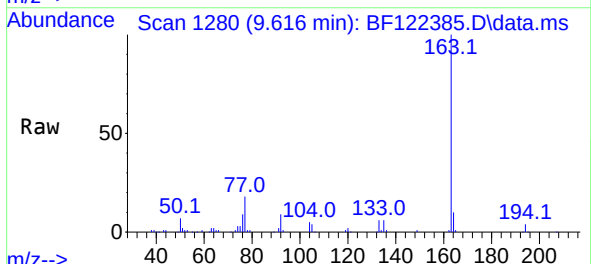
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-018-ABCD

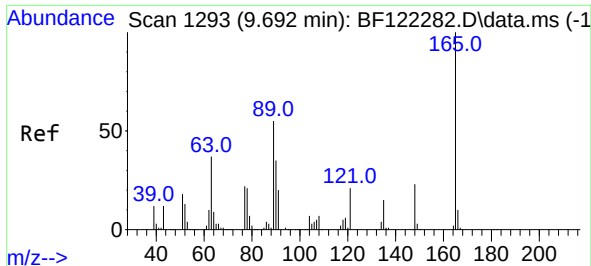
Tgt Ion: 65 Resp: 1159
Ion Ratio Lower Upper
65 100
92 787.2 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 3.56 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

Tgt Ion:163 Resp: 129576
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.5 8.2 12.4

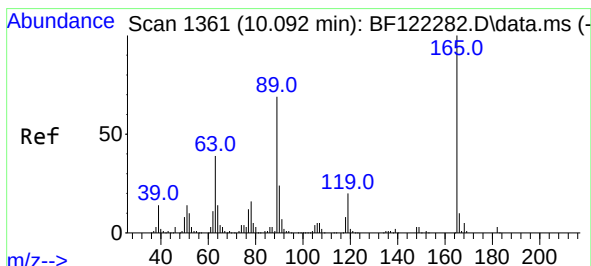
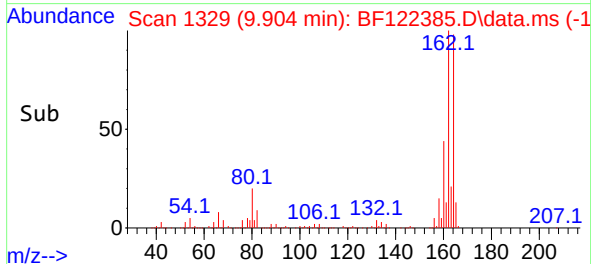
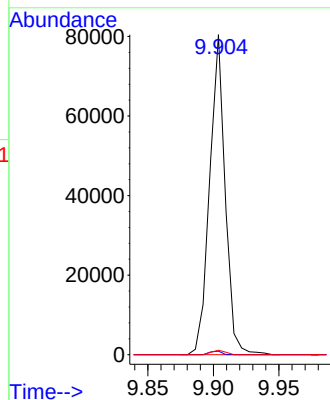
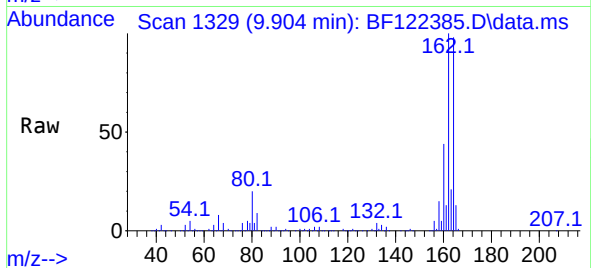




#51
2,6-Dinitrotoluene
Concen: 11.37 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

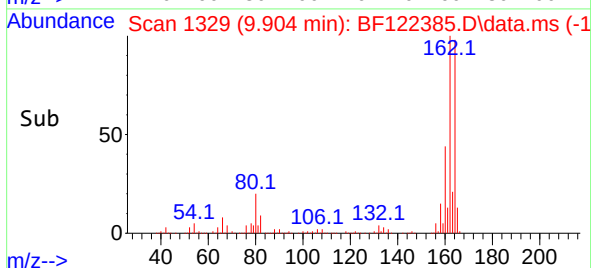
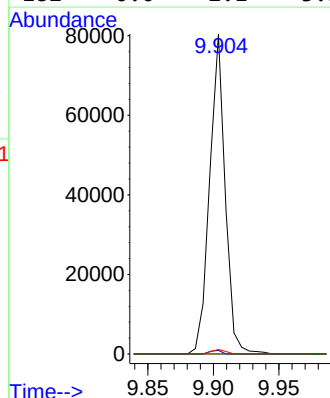
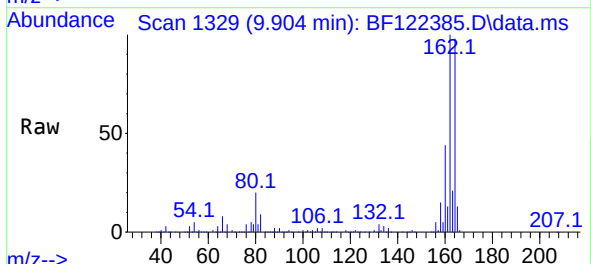
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-018-ABCD

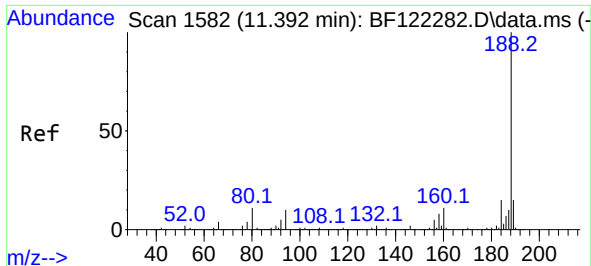
Tgt Ion:165 Resp: 66466
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.4 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.60 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

Tgt Ion:165 Resp: 66466
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

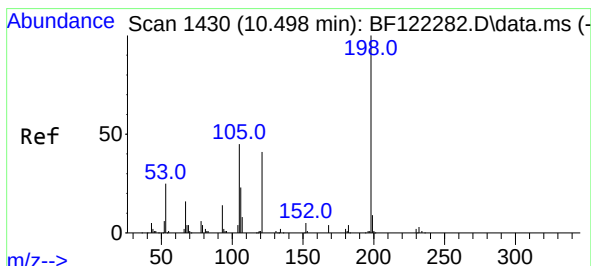
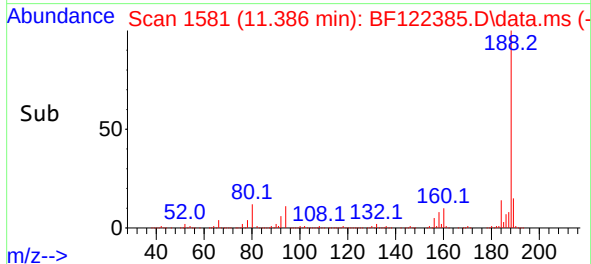
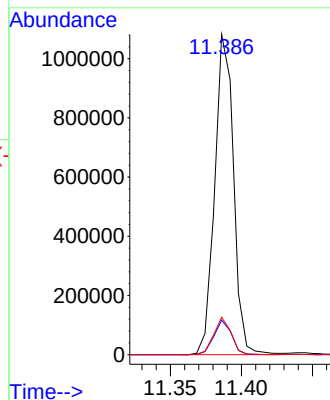
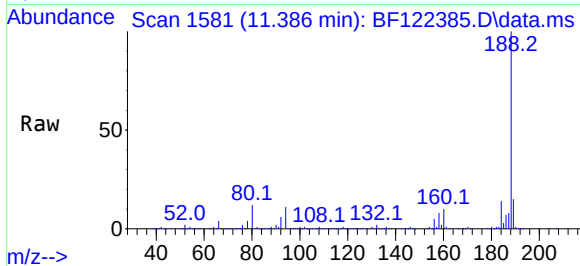




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

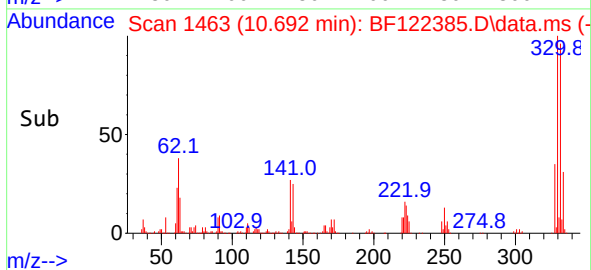
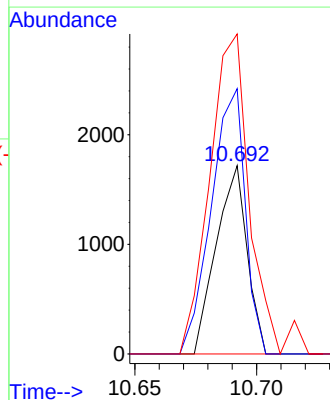
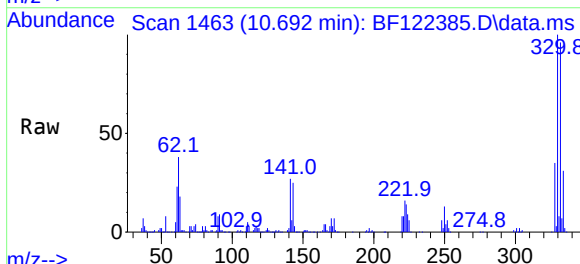
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-018-ABCD

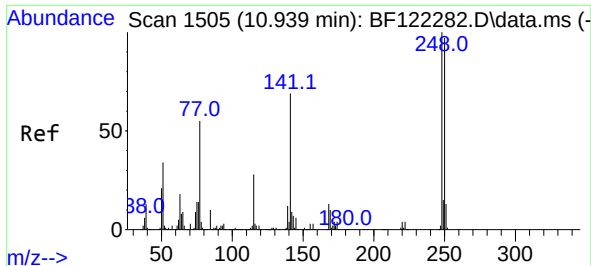
Tgt Ion:188 Resp: 993872
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.7 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.59 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

Tgt Ion:198 Resp: 1512
Ion Ratio Lower Upper
198 100
51 140.8 29.6 69.6#
105 169.9 24.4 64.4#

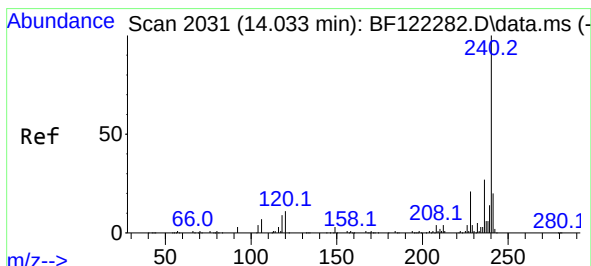
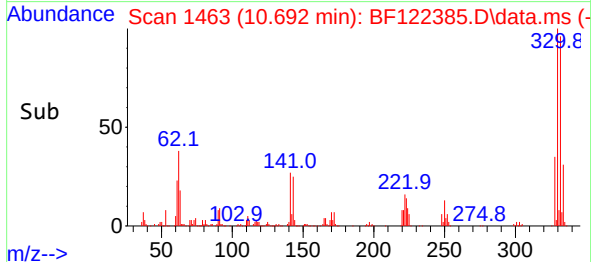
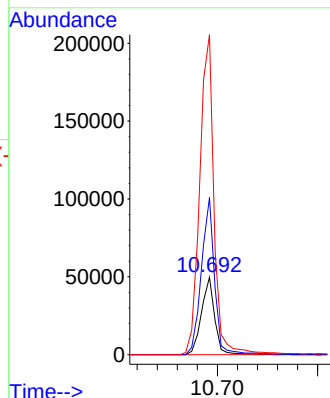
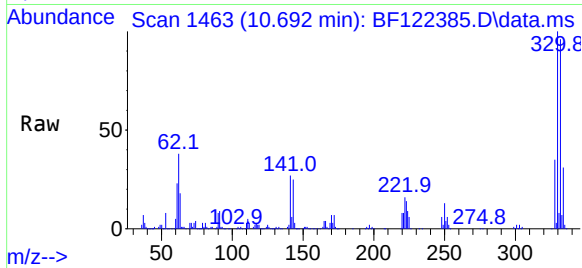




#67
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

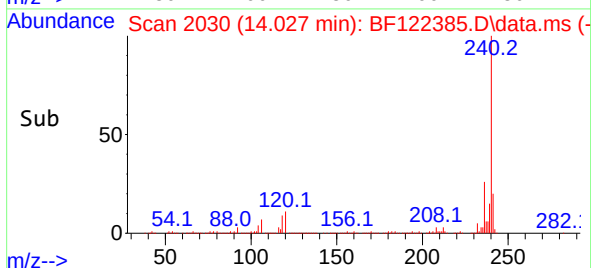
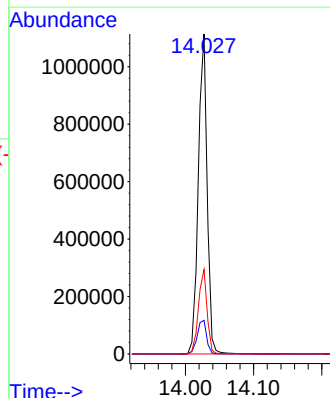
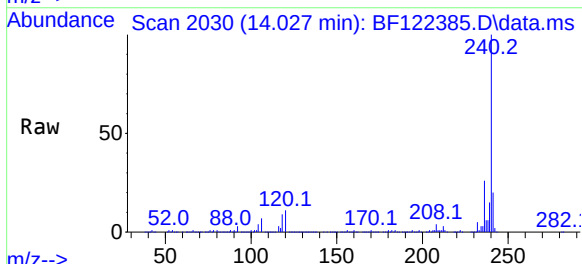
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-018-ABCD

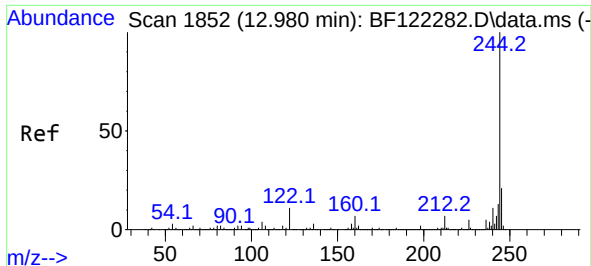
Tgt Ion:248 Resp: 45591
Ion Ratio Lower Upper
248 100
250 202.9 77.0 115.6#
141 413.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122385.D
Acq: 19 Nov 2020 17:35

Tgt Ion:240 Resp: 1002308
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 26.4 20.9 31.3

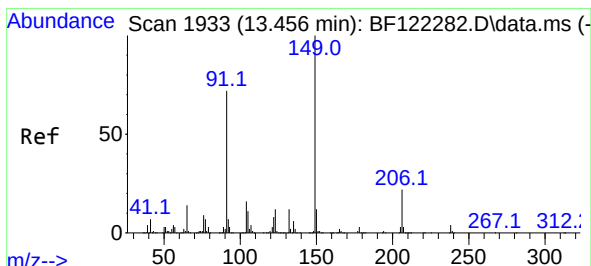
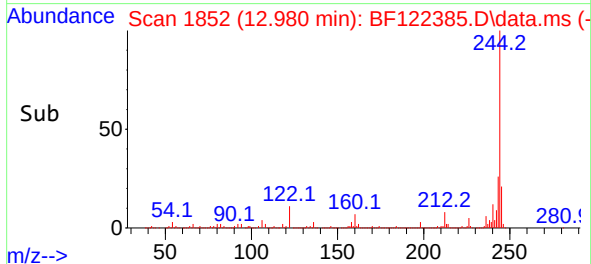
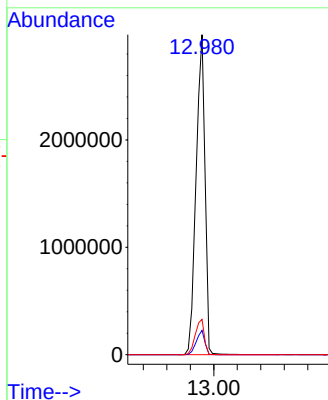
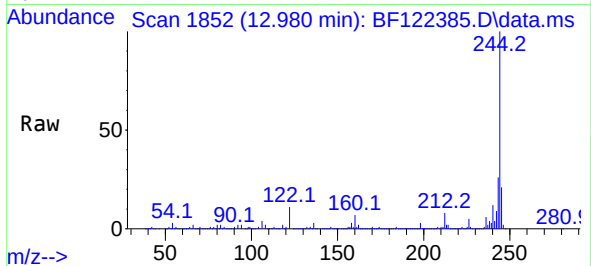




#79
 Terphenyl-d14
 Concen: 66.19 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122385.D
 Acq: 19 Nov 2020 17:35

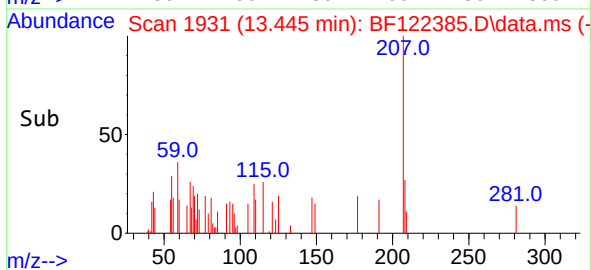
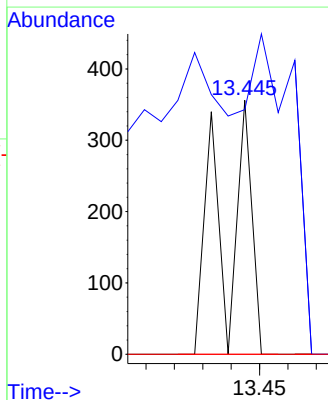
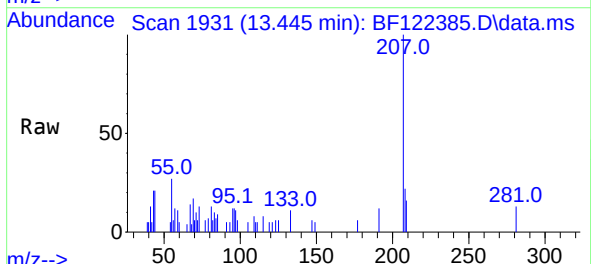
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-018-ABCD

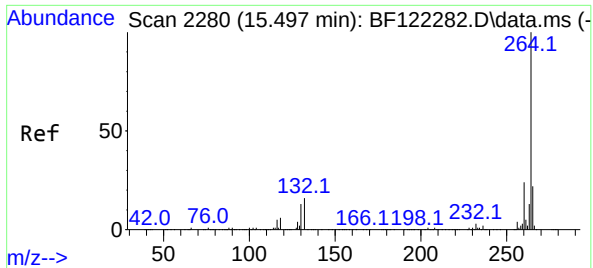
Tgt Ion:244 Resp: 3131618
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 11.1 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.30 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.011 min
 Lab File: BF122385.D
 Acq: 19 Nov 2020 17:35

Tgt Ion:149 Resp: 246
 Ion Ratio Lower Upper
 149 100
 91 96.3 61.0 91.4#
 206 0.0 16.7 25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BF122385.D
 Acq: 19 Nov 2020 17:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-018-ABCD

Tgt Ion:264 Resp: 978599

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.4	17.3	25.9

