

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111820\
 Data File : BF122374.D
 Acq On : 18 Nov 2020 18:33
 Operator : JU/CG
 Sample : L4771-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CD-BH-02-0-1

Quant Time: Nov 19 00:40:03 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)

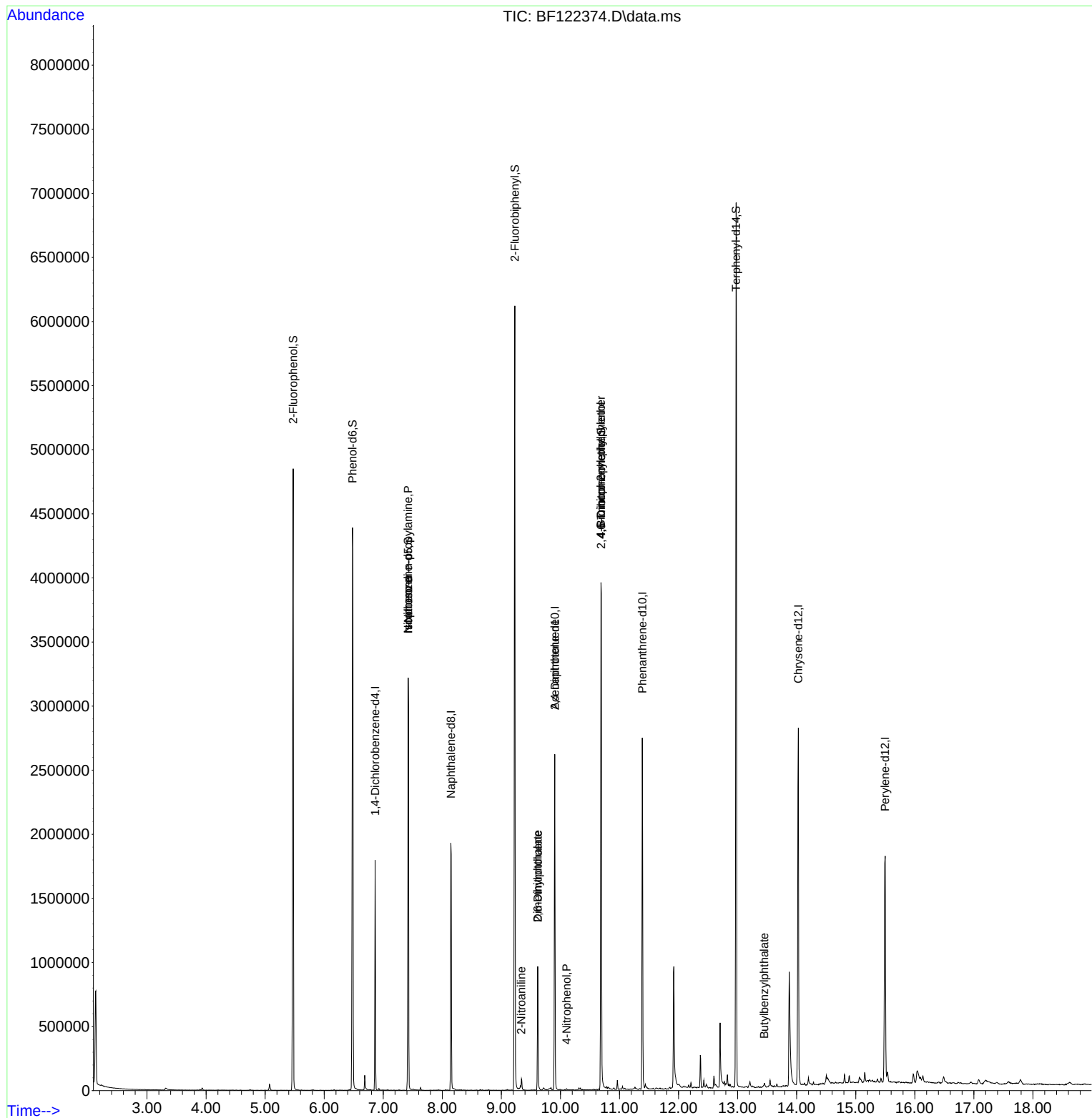
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	235122	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	908682	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	506843	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	974013	20.00	ng	0.00
76) Chrysene-d12	14.027	240	929069	20.00	ng	0.00
86) Perylene-d12	15.498	264	867216	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1349081	88.10	ng	0.00
7) Phenol-d6	6.481	99	1752615	87.49	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1072328	72.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	578660	106.37	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1917183	59.10	ng	0.00
79) Terphenyl-d14	12.974	244	2254081	51.40	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	2776	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	142617	11.91	ng	# 76
25) Isophorone	7.422	82	1063973	32.15	ng	# 67
48) 2-Nitroaniline	9.339	65	1026	5.26	ng	# 6
50) Dimethylphthalate	9.616	163	372005	10.33	ng	100
51) 2,6-Dinitrotoluene	9.616	165	3764	4.25	ng	# 30
56) 4-Nitrophenol	10.104	139	139	5.42	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	64681	10.49	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1281	6.53	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	37540	3.28	ng	# 1
80) Butylbenzylphthalate	13.451	149	1398	3.34	ng	# 89

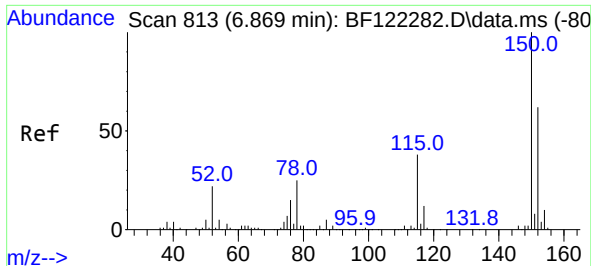
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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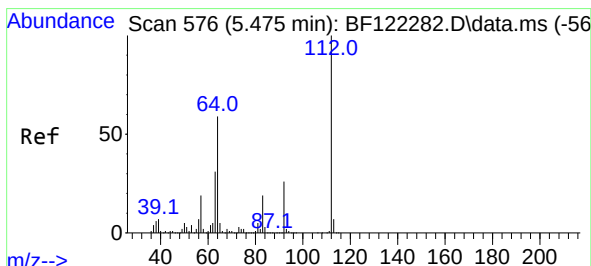
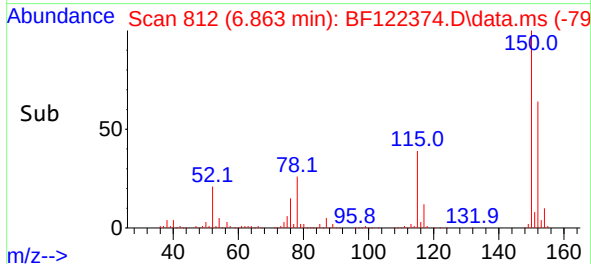
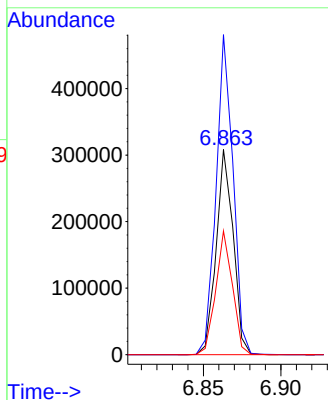
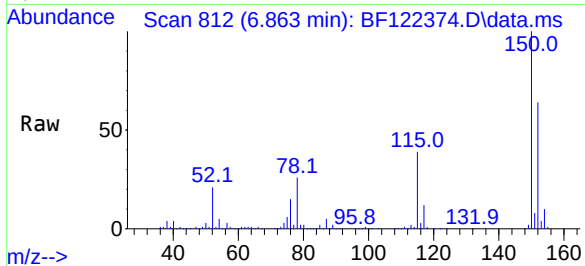




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

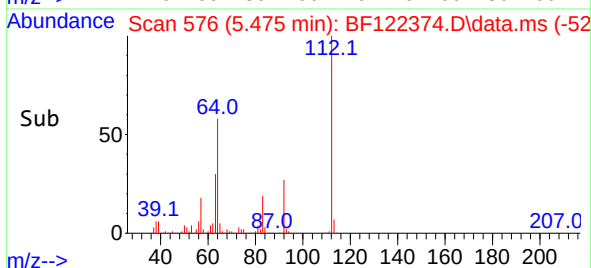
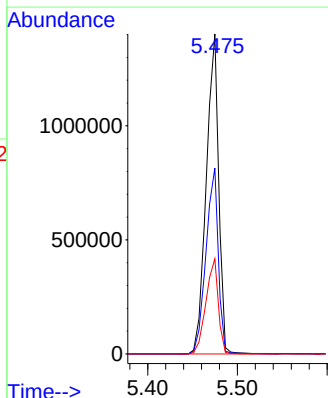
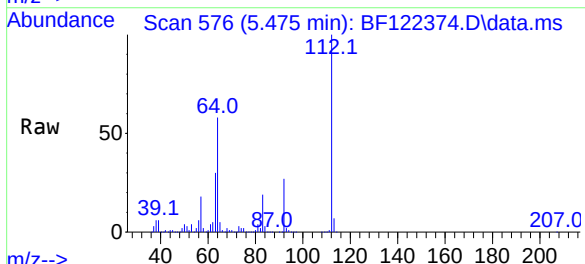
Instrument :
BNA_F
ClientSampleId :
CD-BH-02-0-1

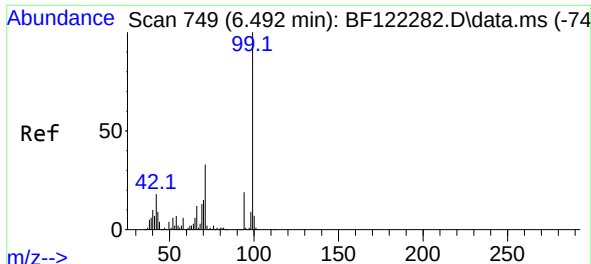
Tgt Ion:152 Resp: 235122
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 60.3 51.9 77.9



#5
2-Fluorophenol
Concen: 88.10 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Tgt Ion:112 Resp: 1349081
Ion Ratio Lower Upper
112 100
64 58.1 50.4 75.6
63 29.7 25.8 38.6



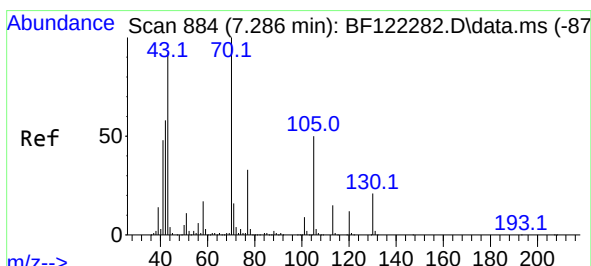
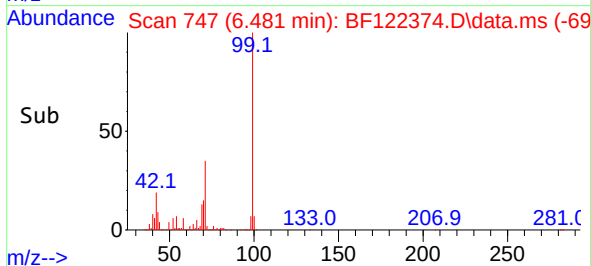
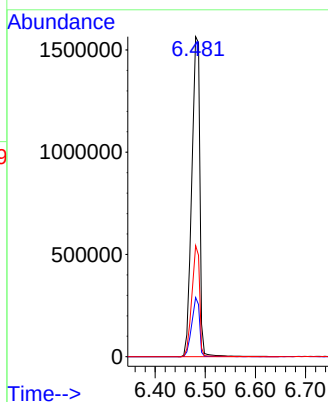
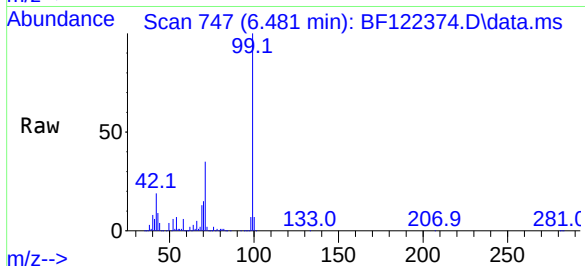


#7
Phenol-d6
Concen: 87.49 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Instrument :
BNA_F
ClientSampleId :
CD-BH-02-0-1

Tgt Ion: 99 Resp: 1752615

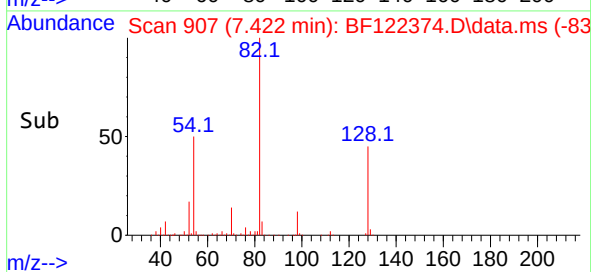
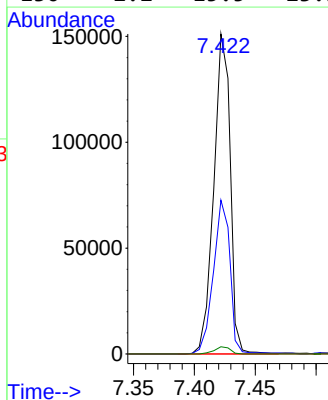
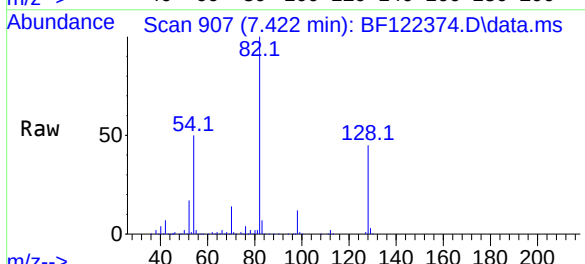
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.9	23.9
71	34.7	27.1	40.7

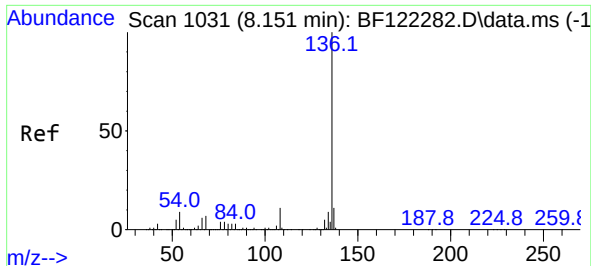


#19
n-Nitroso-di-n-propylamine
Concen: 11.91 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Tgt Ion: 70 Resp: 142617

Ion	Ratio	Lower	Upper
70	100		
42	48.1	50.2	75.4#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#



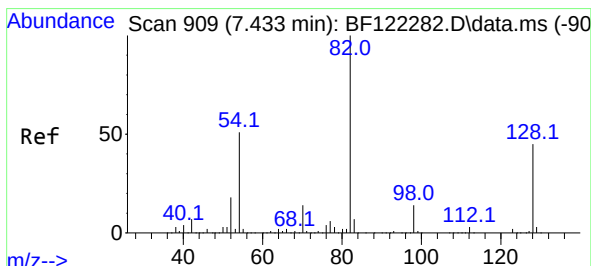
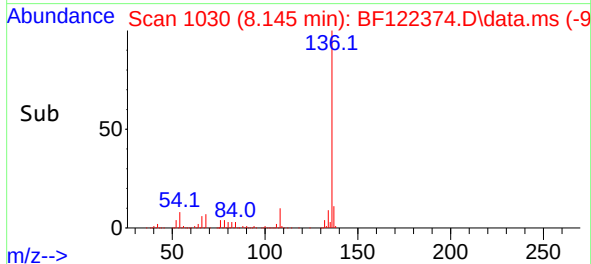
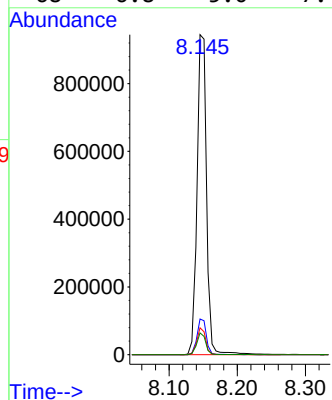
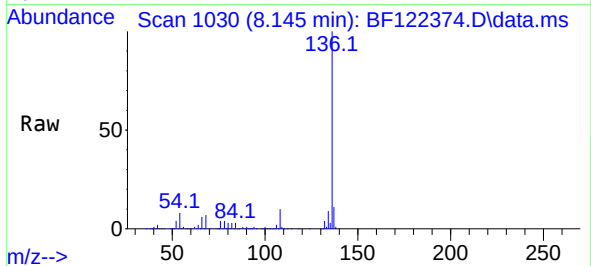


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Instrument :
BNA_F
ClientSampleId :
CD-BH-02-0-1

Tgt Ion:136 Resp: 908682

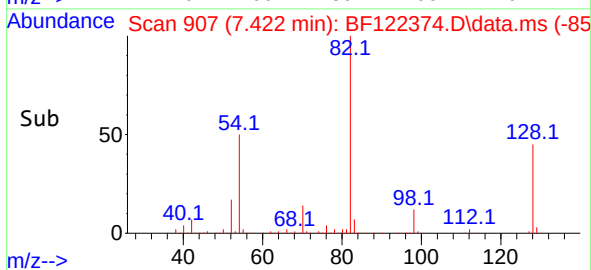
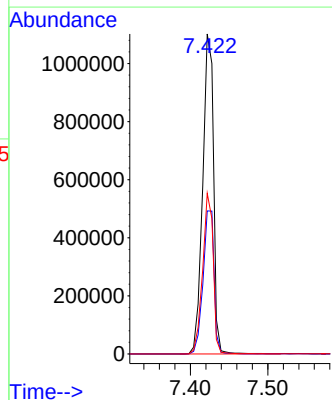
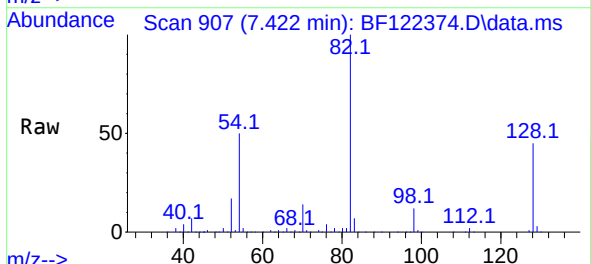
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.4	7.1	10.7
68	6.8	5.0	7.4

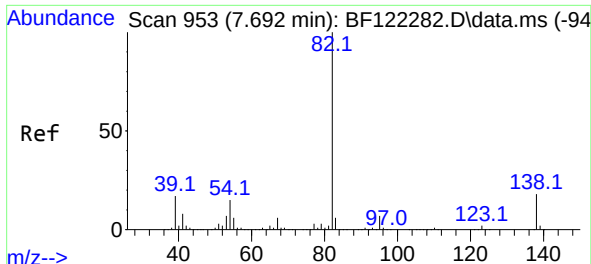


#23
Nitrobenzene-d5
Concen: 72.24 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Tgt Ion: 82 Resp: 1072328

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.0	52.4
54	50.2	43.9	65.9

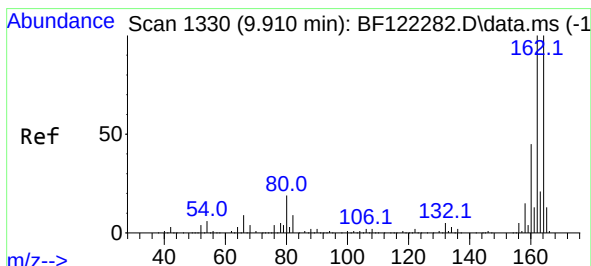
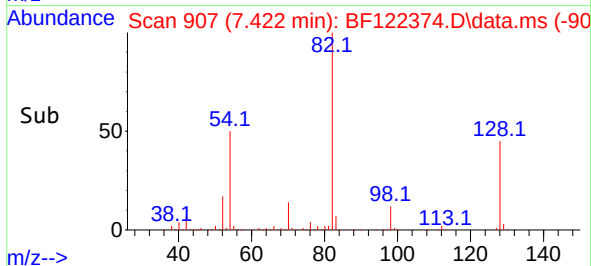
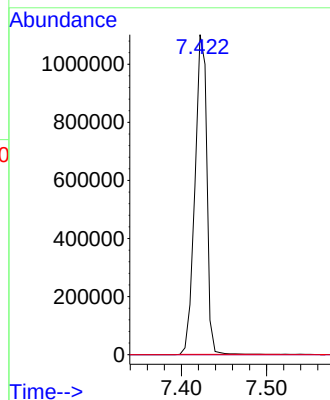
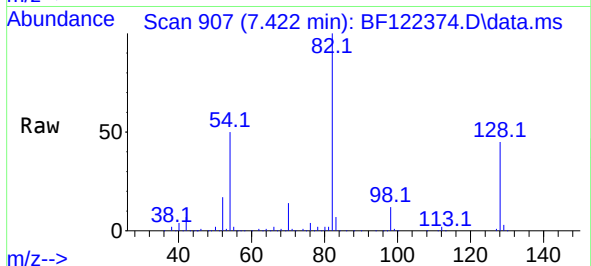




#25
Isophorone
Concen: 32.15 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

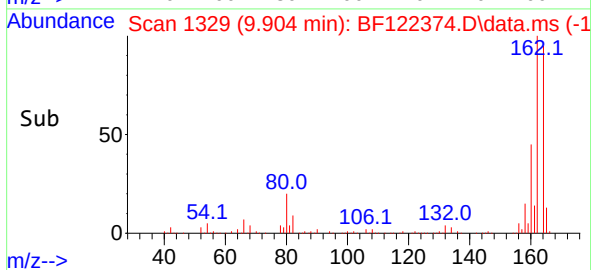
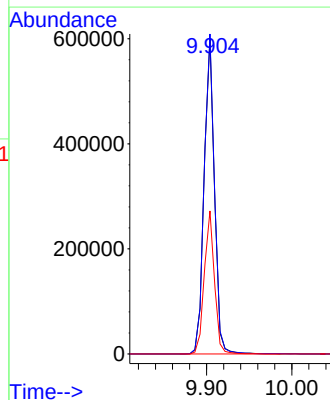
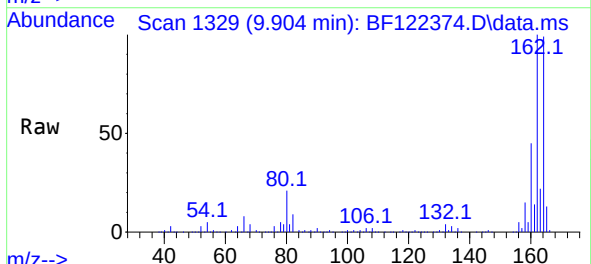
Instrument :
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ClientSampleId :
CD-BH-02-0-1

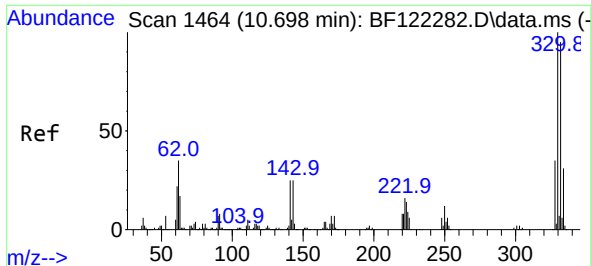
Tgt Ion: 82 Resp: 1063973
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

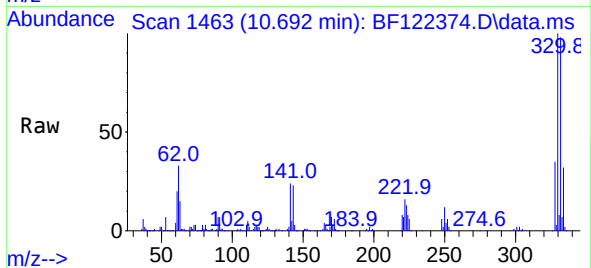
Tgt Ion:164 Resp: 506843
Ion Ratio Lower Upper
164 100
162 101.5 83.2 124.8
160 45.4 37.5 56.3



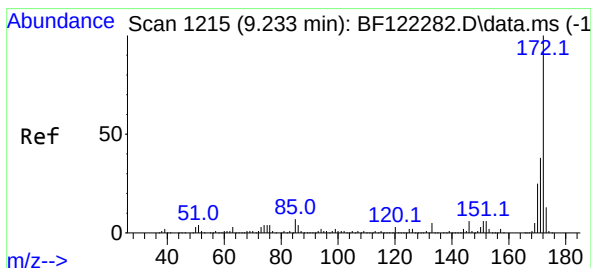
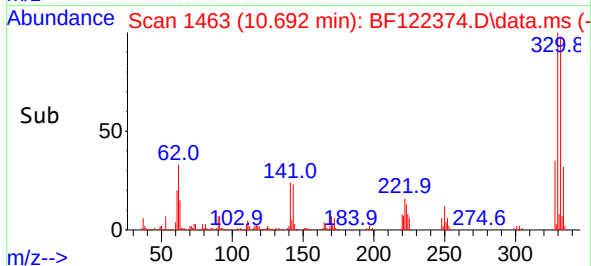
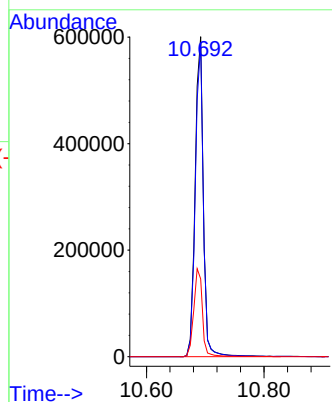


#42
2,4,6-Tribromophenol
Concen: 106.37 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Instrument :
BNA_F
ClientSampleId :
CD-BH-02-0-1

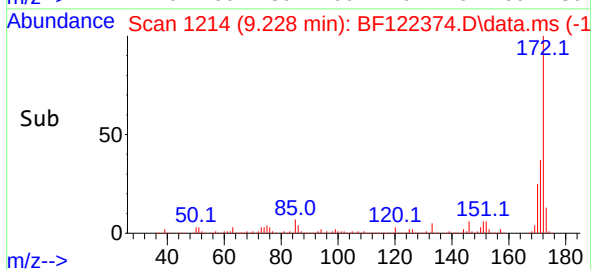
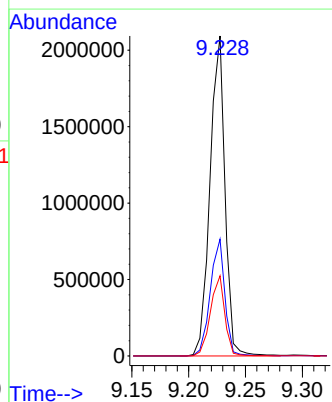
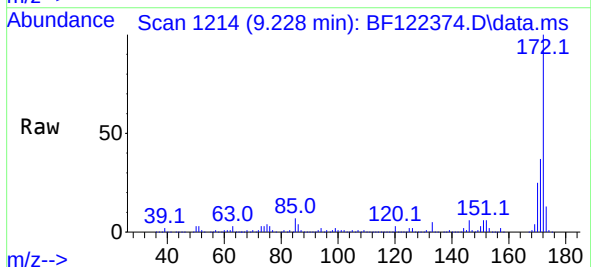


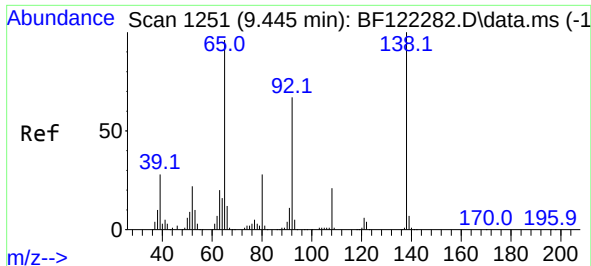
Tgt Ion:330 Resp: 578660
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 29.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 59.10 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Tgt Ion:172 Resp: 1917183
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 25.0 19.8 29.6

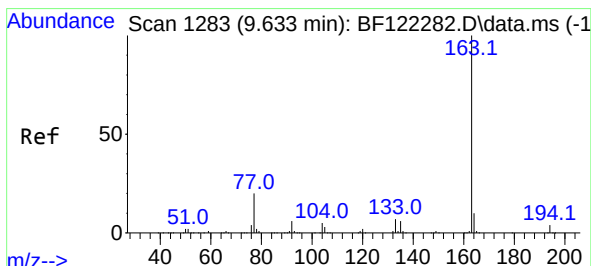
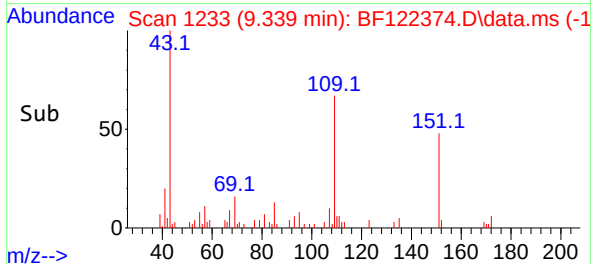
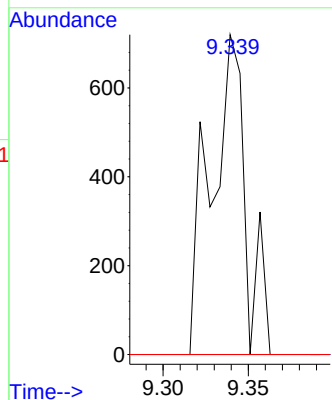
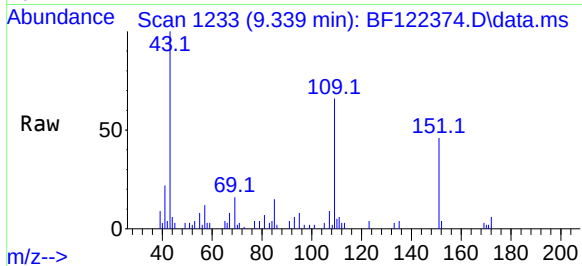




#48
2-Nitroaniline
Concen: 5.26 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

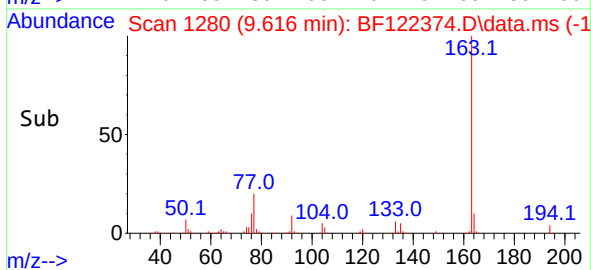
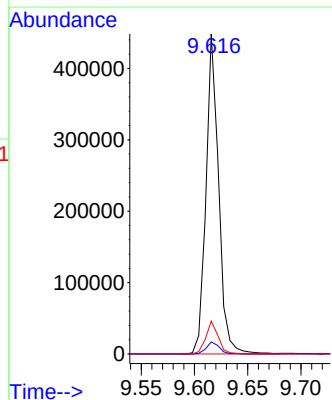
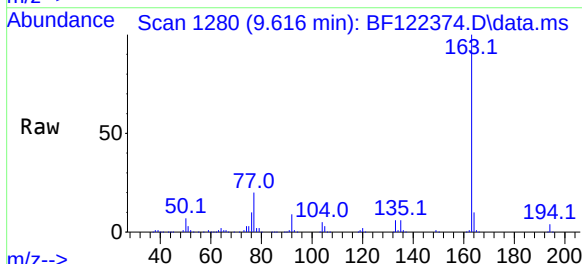
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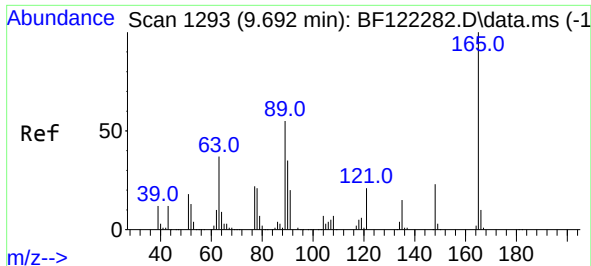
Tgt Ion: 65 Resp: 1026
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 10.33 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Tgt Ion:163 Resp: 372005
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.3 8.2 12.4

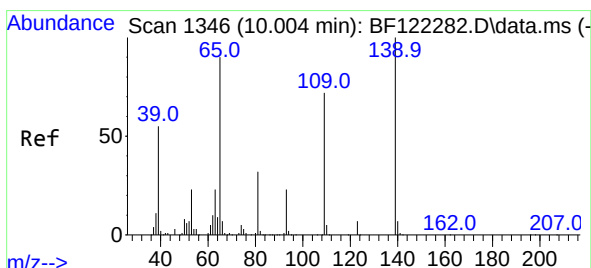
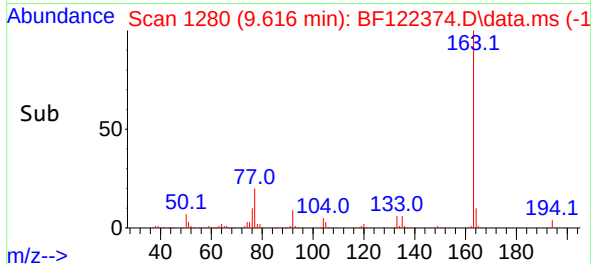
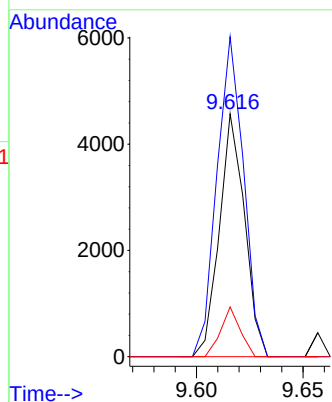
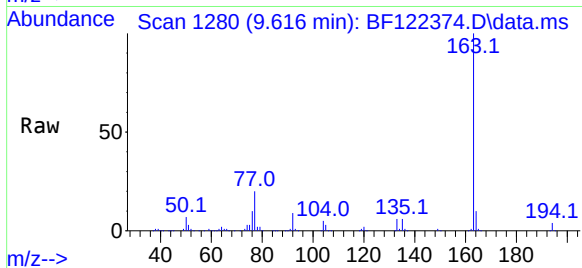




#51
2,6-Dinitrotoluene
Concen: 4.25 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

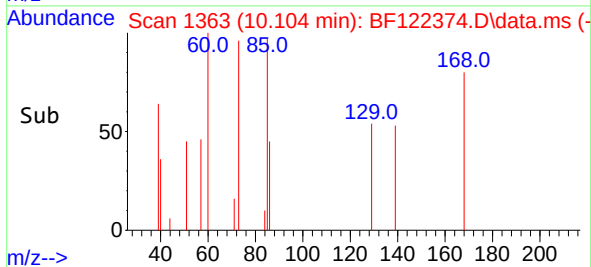
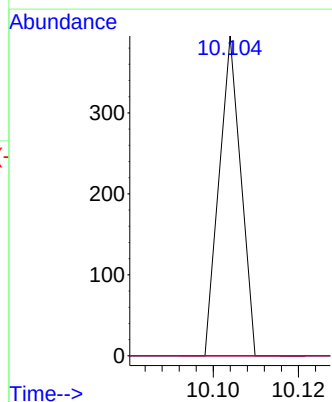
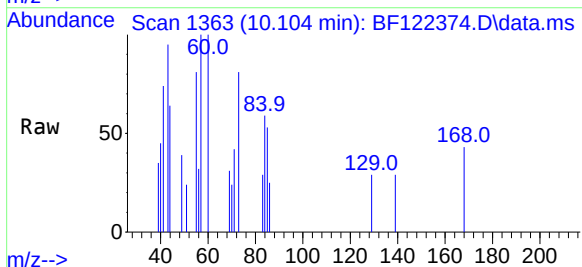
Instrument :
BNA_F
ClientSampleId :
CD-BH-02-0-1

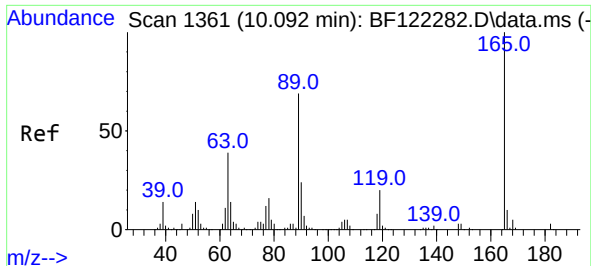
Tgt Ion:165 Resp: 3764
Ion Ratio Lower Upper
165 100
63 131.8 51.8 77.6#
89 20.5 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.42 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.100 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

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



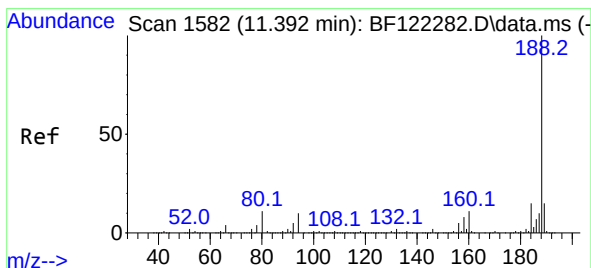
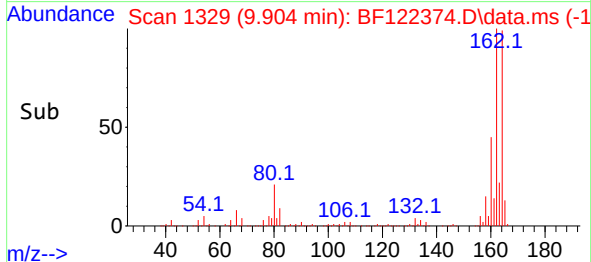
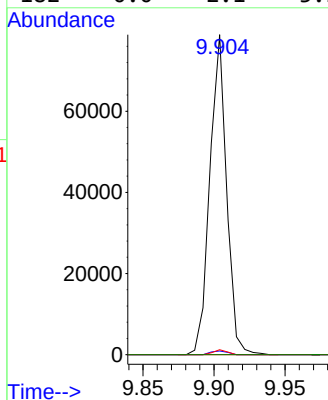
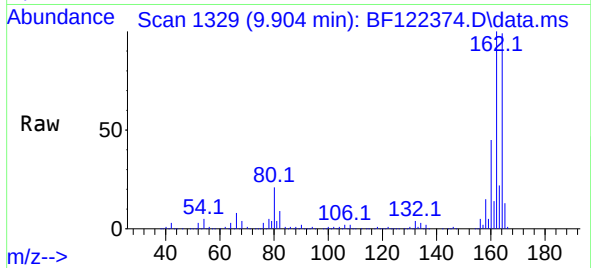


#57
2,4-Dinitrotoluene
Concen: 10.49 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Instrument :
BNA_F
ClientSampleId :
CD-BH-02-0-1

Tgt Ion:165 Resp: 64681

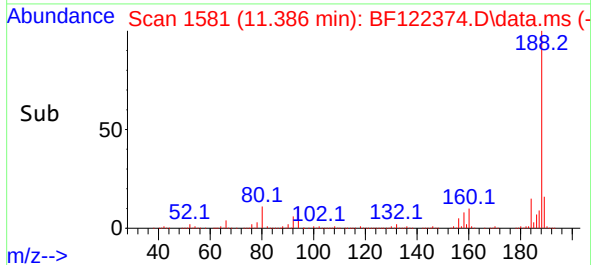
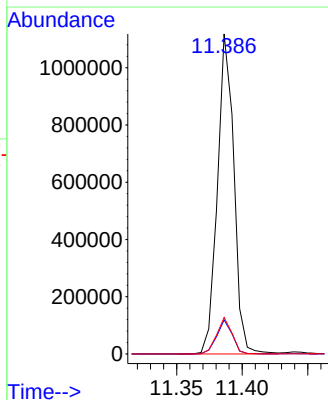
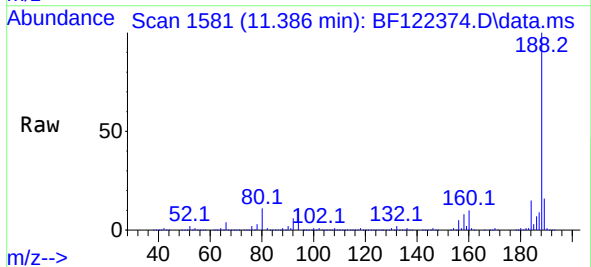
Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.3	61.9#
89	1.6	61.8	92.8#
182	0.0	2.1	3.1#

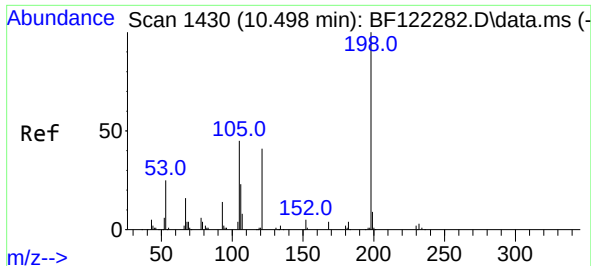


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Tgt Ion:188 Resp: 974013

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	11.4	9.1	13.7

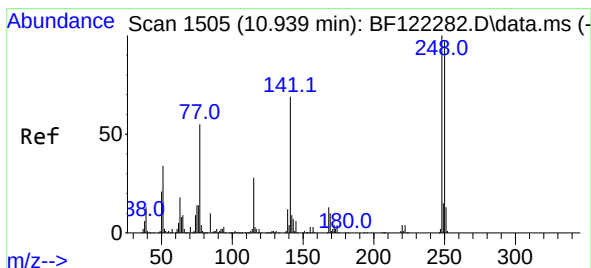
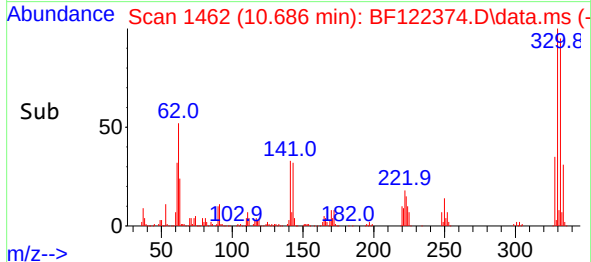
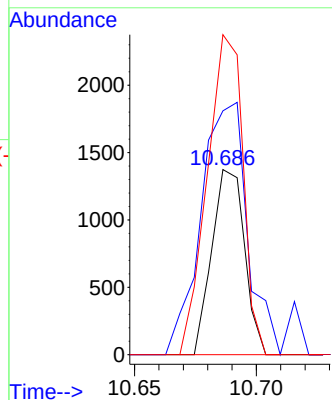
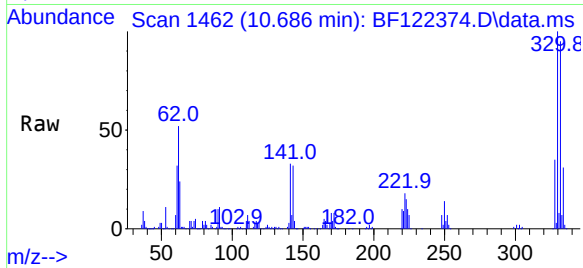




#65
4,6-Dinitro-2-methylphenol
Concen: 6.53 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

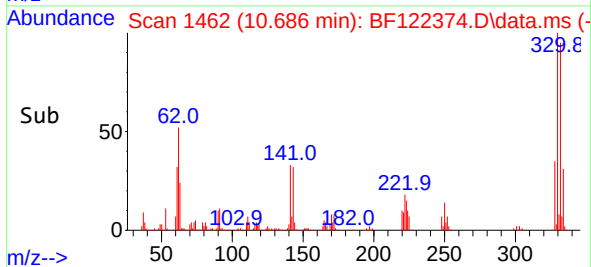
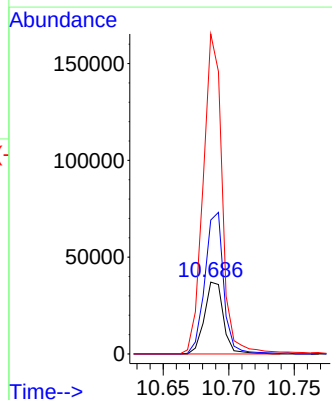
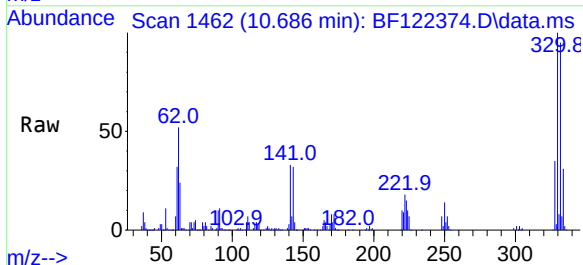
Instrument :
BNA_F
ClientSampleId :
CD-BH-02-0-1

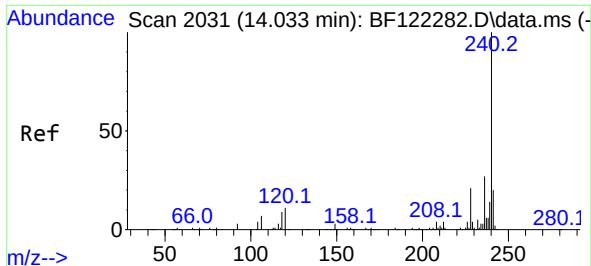
Tgt Ion:198	Resp:	1281
Ion	Ratio	Lower Upper
198	100	
51	131.7	29.6 69.6#
105	172.9	24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Tgt Ion:248	Resp:	37540
Ion	Ratio	Lower Upper
248	100	
250	186.4	77.0 115.6#
141	445.1	53.7 80.5#

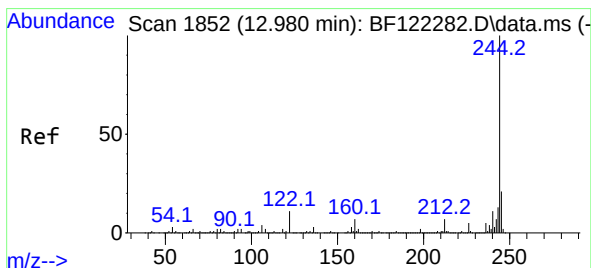
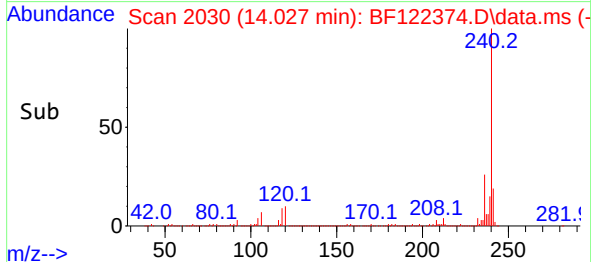
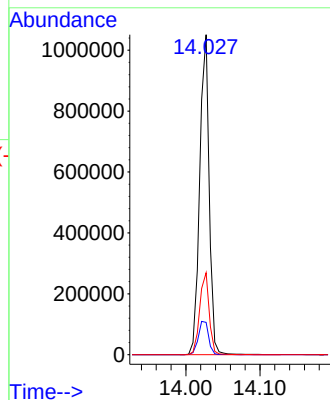
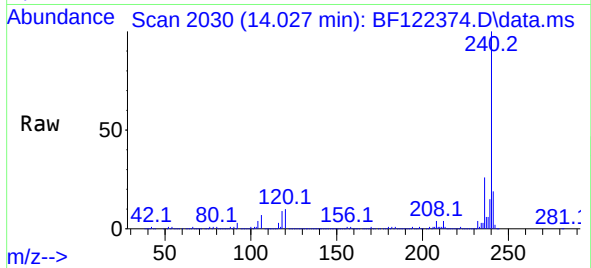




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

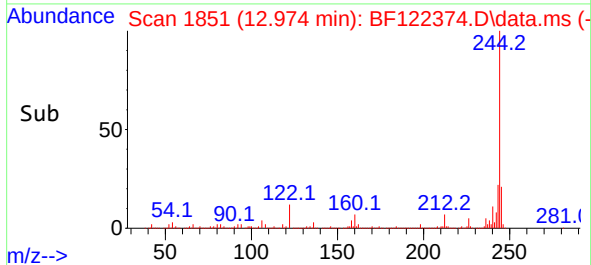
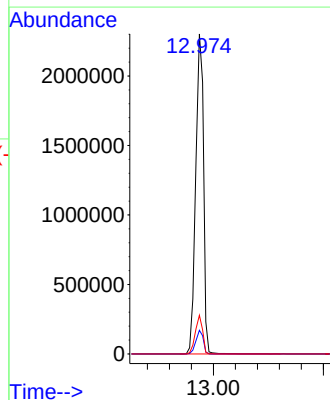
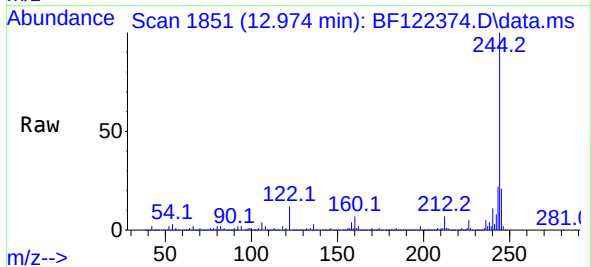
Instrument :
BNA_F
ClientSampleId :
CD-BH-02-0-1

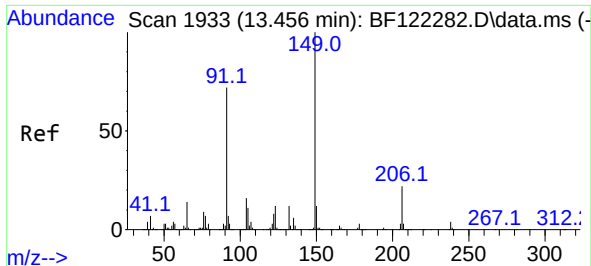
Tgt Ion:240 Resp: 929069
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 51.40 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Tgt Ion:244 Resp: 2254081
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 12.1 8.1 12.1

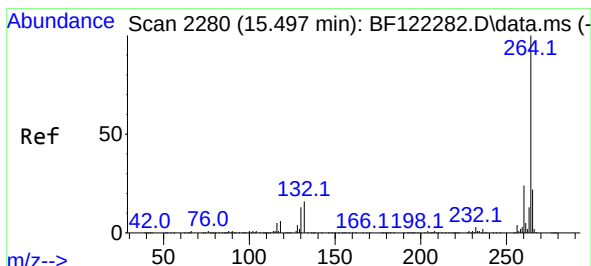
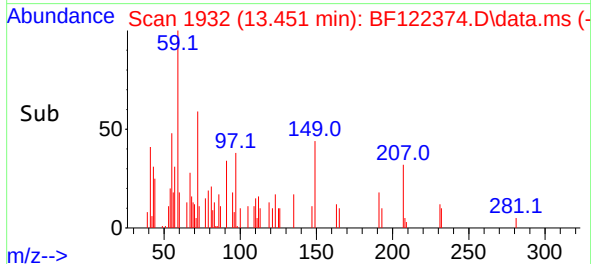
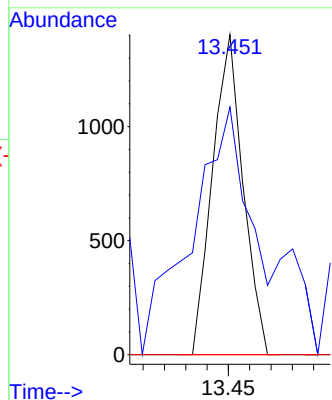
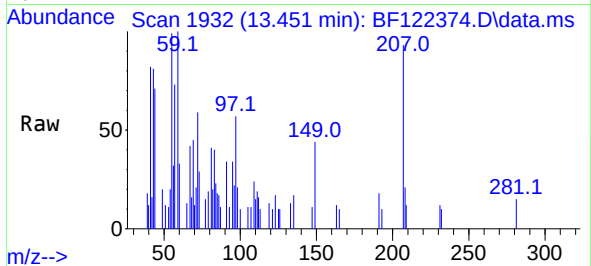




#80
Butylbenzylphthalate
Concen: 3.34 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122374.D
Acq: 18 Nov 2020 18:33

Instrument :
BNA_F
ClientSampleId :
CD-BH-02-0-1

Tgt Ion:	149	Resp:	1398
Ion	Ratio	Lower	Upper
149	100		
91	77.3	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: BF122374.D
Acq: 18 Nov 2020 18:33

Tgt Ion:	264	Resp:	867216
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.4	17.3	25.9

