

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
 Data File : BF122952.D
 Acq On : 8 Jan 2021 21:06
 Operator : JU/CG
 Sample : M1044-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Jan 08 23:34:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 16:17:19 2021
 Response via : Initial Calibration

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

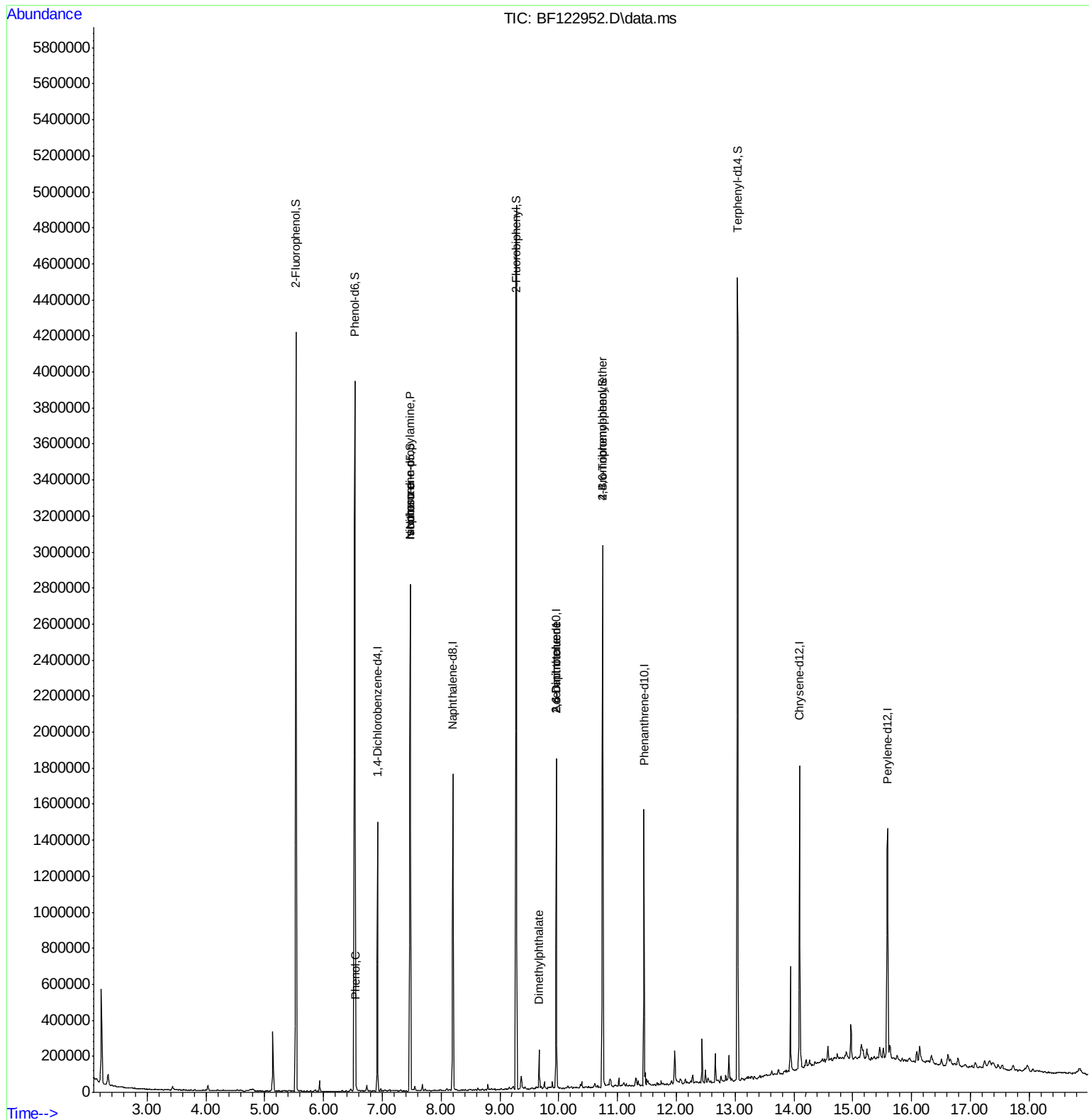
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	197981	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	726198	20.00	ng	0.00
39) Acenaphthene-d10	9.957	164	355739	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	589904	20.00	ng	0.00
76) Chrysene-d12	14.098	240	531401	20.00	ng	0.00
86) Perylene-d12	15.592	264	577130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1242039	94.18	ng	0.00
7) Phenol-d6	6.534	99	1530565	85.52	ng	0.00
23) Nitrobenzene-d5	7.475	82	886862	60.38	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	348754	86.79	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	1584383	63.13	ng	0.00
79) Terphenyl-d14	13.039	244	1402495	48.90	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.463	77	752	Below Cal		Qvalue 87
10) Phenol	6.545	94	52355	2.96	ng	82
19) n-Nitroso-di-n-propyla...	7.475	70	117716	10.78	ng	# 76
25) Isophorone	7.475	82	886853	33.67	ng	# 65
50) Dimethylphthalate	9.669	163	80597	3.05	ng	99
51) 2,6-Dinitrotoluene	9.957	165	46421	8.20	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	46421	6.41	ng	# 25
67) 4-Bromophenyl-phenylether	10.745	248	23117	3.24	ng	# 1

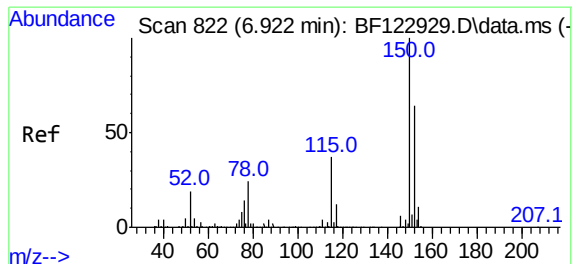
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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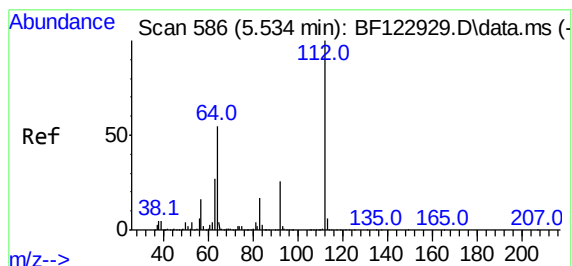
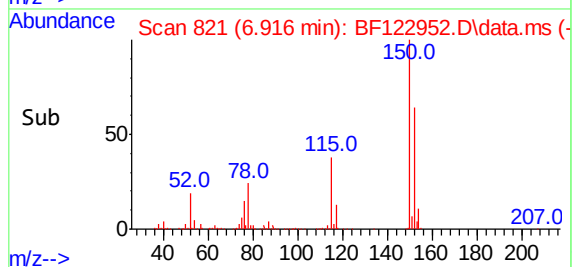
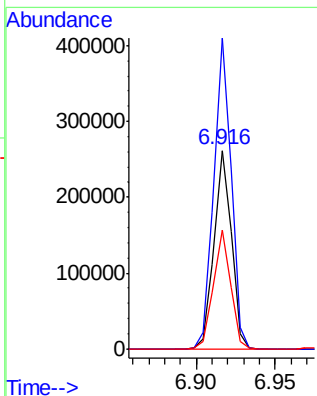
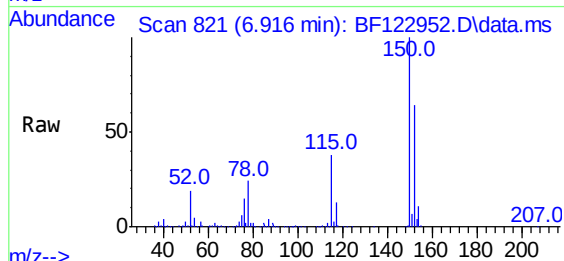




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

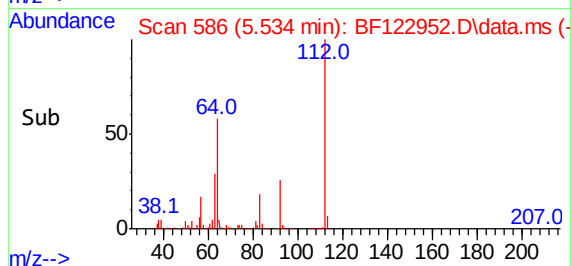
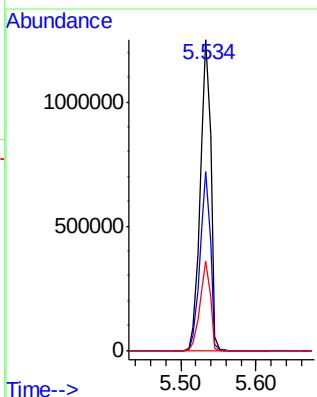
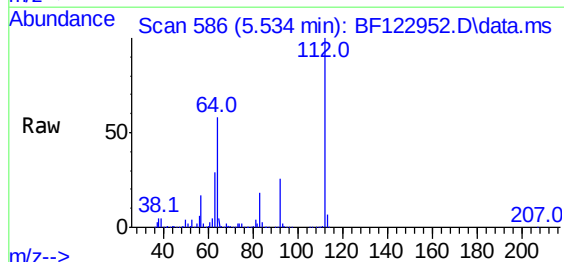
Instrument :
BNA_F
ClientSampleId :
TP-10

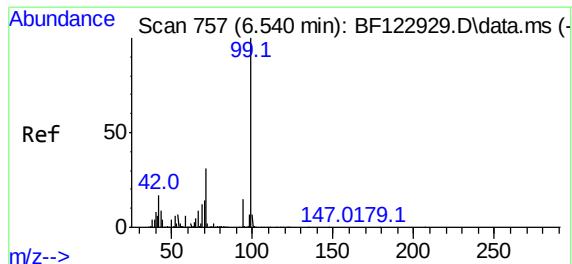
Tgt Ion:152 Resp: 197981
Ion Ratio Lower Upper
152 100
150 156.5 125.8 188.6
115 59.8 49.3 73.9



#5
2-Fluorophenol
Concen: 94.18 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Tgt Ion:112 Resp: 1242039
Ion Ratio Lower Upper
112 100
64 57.6 46.9 70.3
63 28.8 24.5 36.7

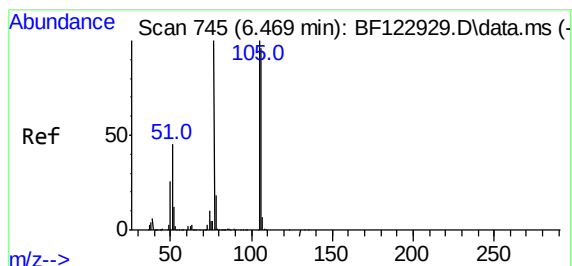
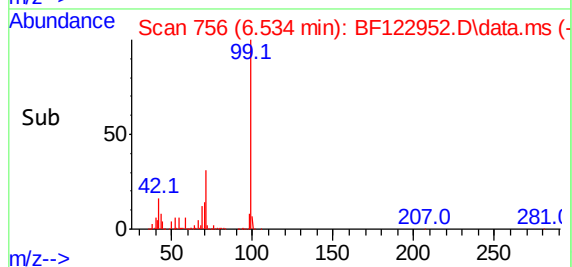
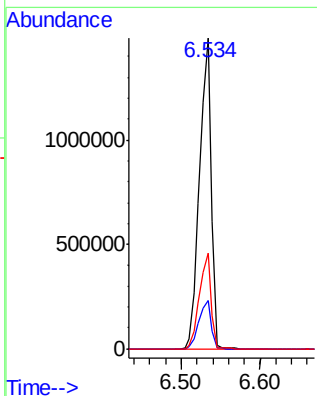
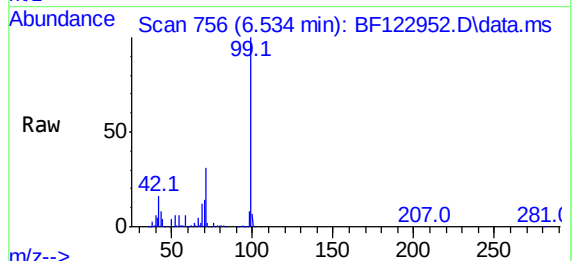




#7
Phenol-d6
Concen: 85.52 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

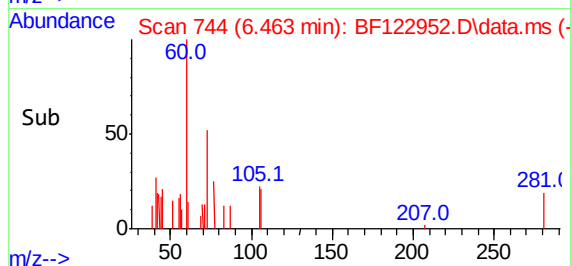
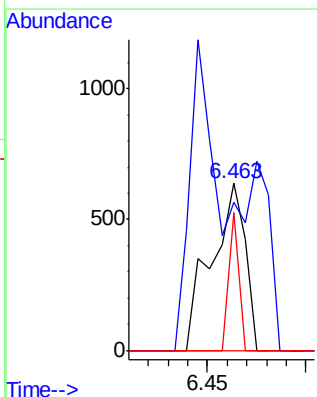
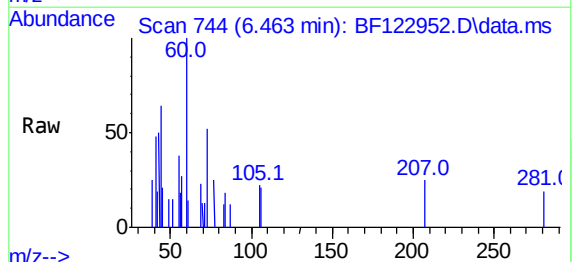
Instrument :
BNA_F
ClientSampleId :
TP-10

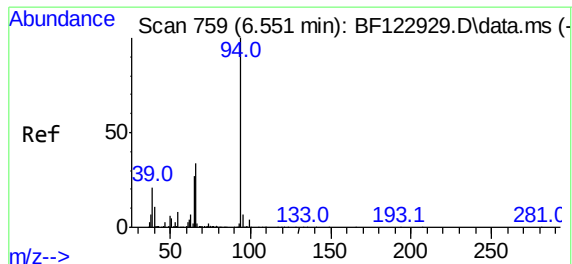
Tgt Ion: 99 Resp: 1530565
Ion Ratio Lower Upper
99 100
42 15.8 13.8 20.6
71 30.7 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Tgt Ion: 77 Resp: 752
Ion Ratio Lower Upper
77 100
105 88.9 80.6 120.6
106 82.5 77.2 117.2

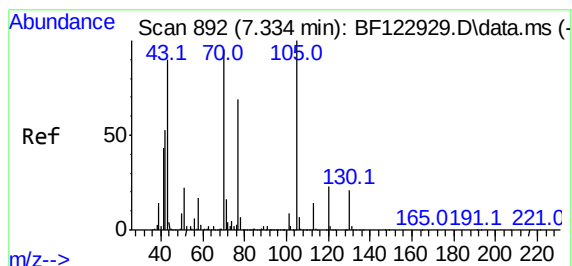
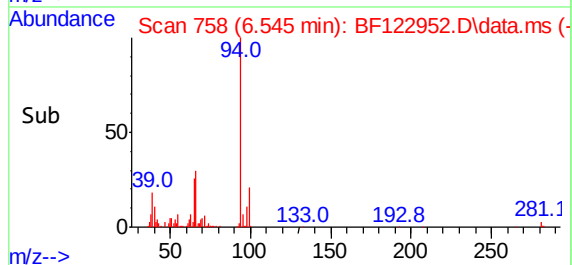
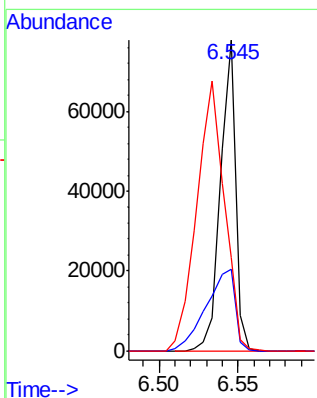
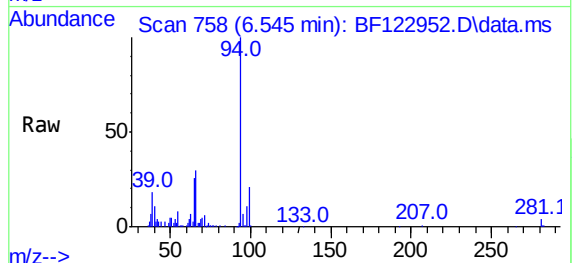




#10
Phenol
Concen: 2.96 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

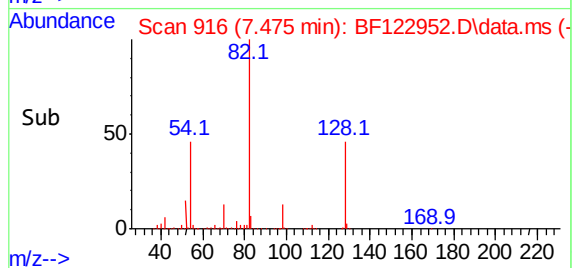
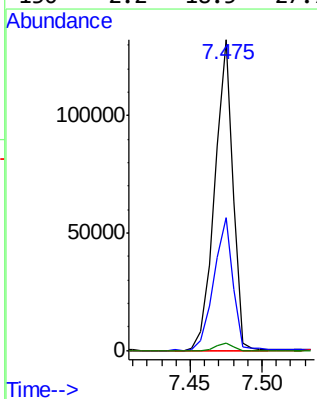
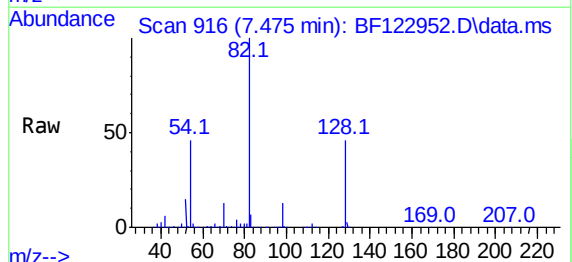
Instrument :
BNA_F
ClientSampleId :
TP-10

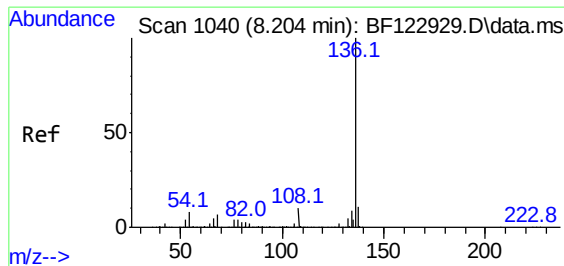
Tgt Ion: 94 Resp: 52355
Ion Ratio Lower Upper
94 100
65 26.4 11.2 51.2
66 30.1 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.78 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Tgt Ion: 70 Resp: 117716
Ion Ratio Lower Upper
70 100
42 42.8 43.0 64.4#
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



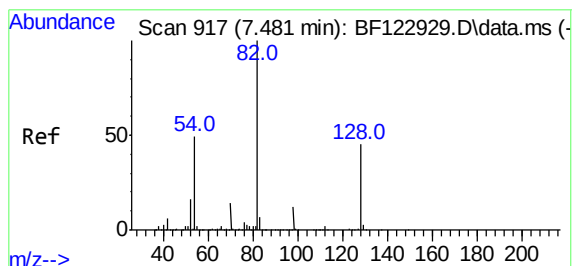
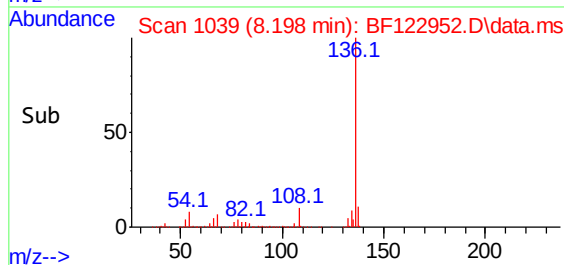
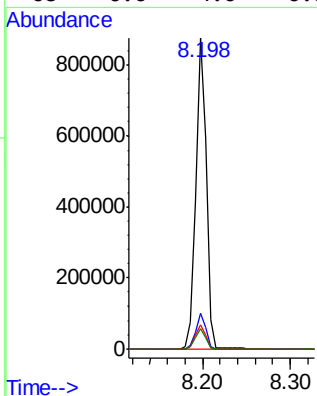
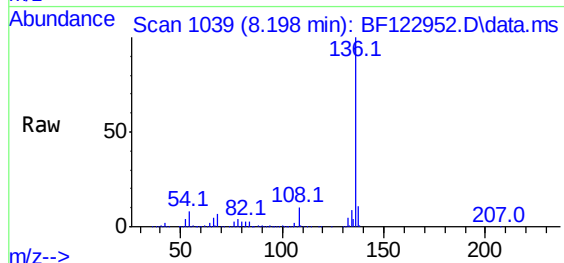


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:136 Resp: 726198

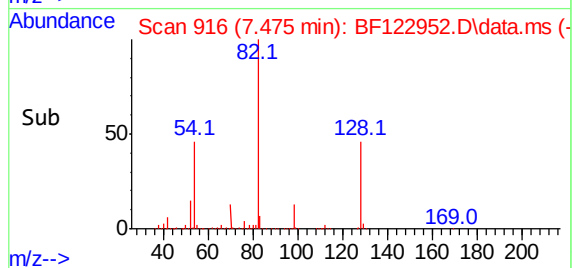
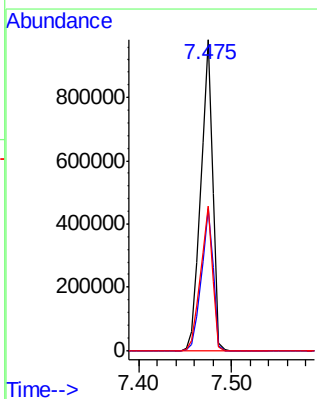
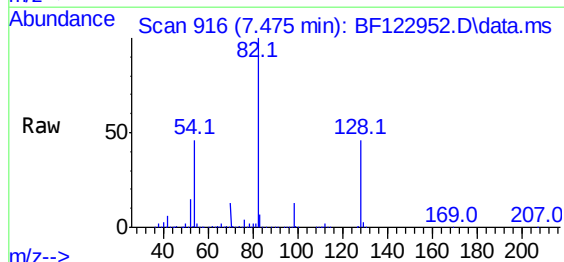
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.9	5.5	8.3
68	6.6	4.6	6.8

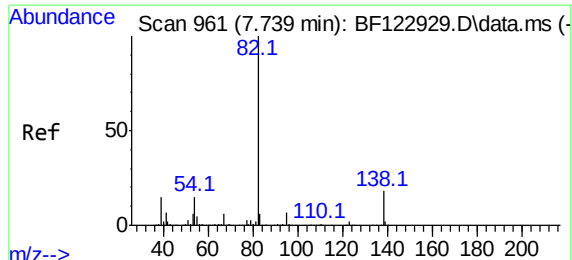


#23
Nitrobenzene-d5
Concen: 60.38 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Tgt Ion: 82 Resp: 886862

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.4
54	46.4	38.4	57.6

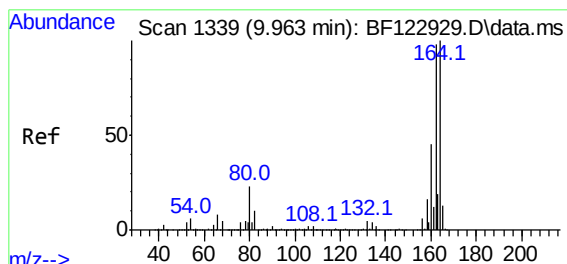
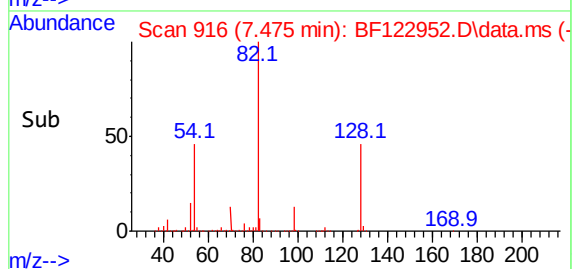
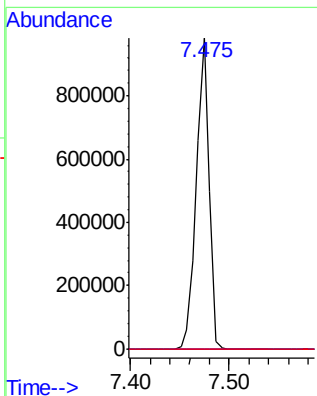
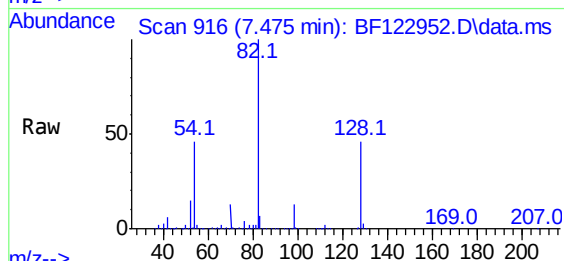




#25
Isophorone
Concen: 33.67 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

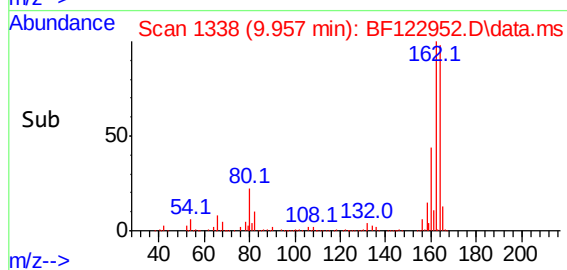
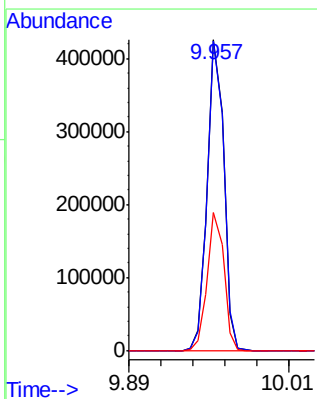
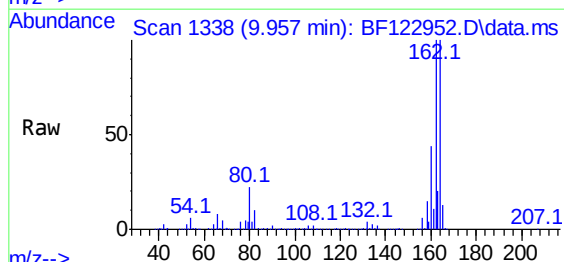
Instrument :
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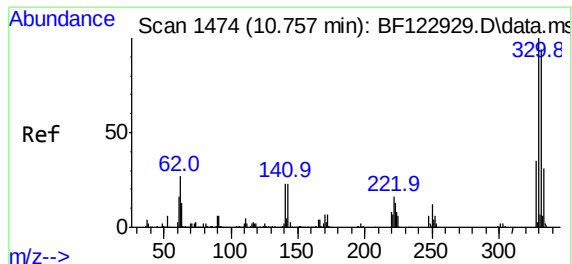
Tgt Ion: 82 Resp: 886853
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Tgt Ion: 164 Resp: 355739
Ion Ratio Lower Upper
164 100
162 99.6 80.8 121.2
160 44.3 35.4 53.0

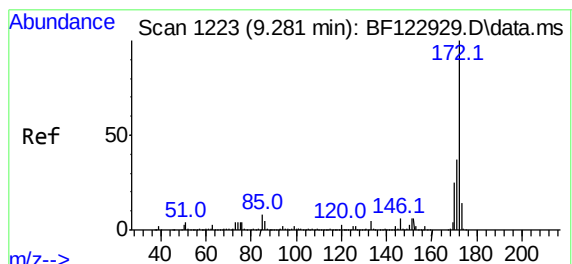
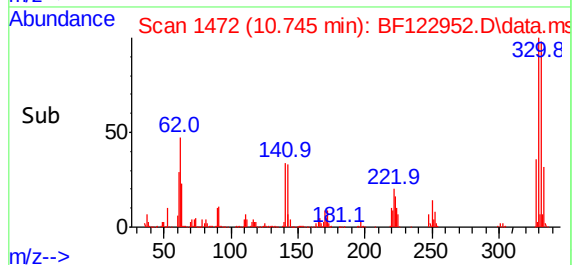
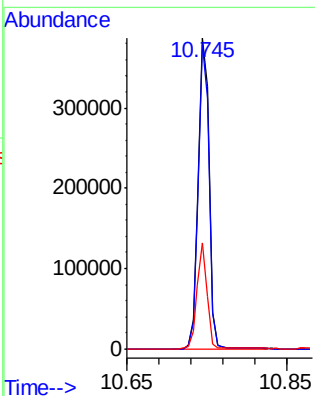
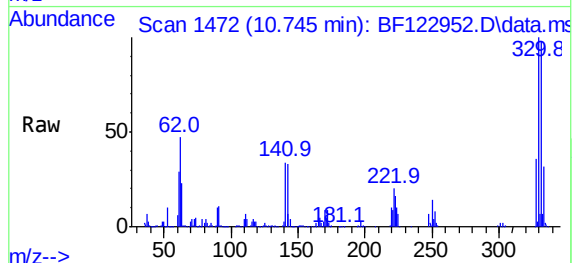




#42
2,4,6-Tribromophenol
Concen: 86.79 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

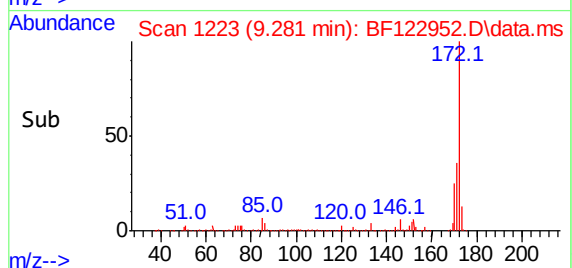
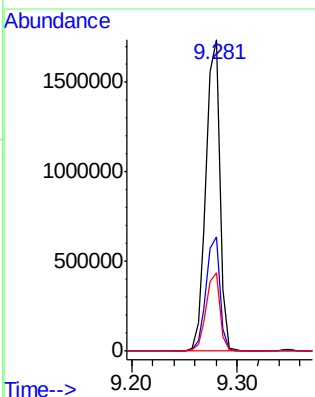
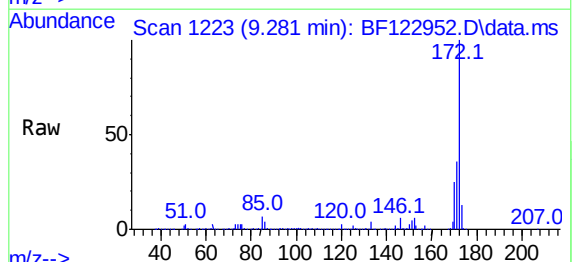
Instrument :
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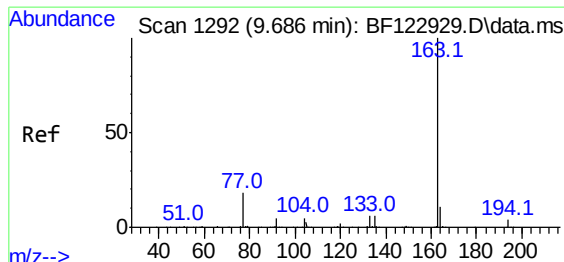
Tgt Ion:330 Resp: 348754
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 31.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 63.13 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Tgt Ion:172 Resp: 1584383
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.8 19.5 29.3

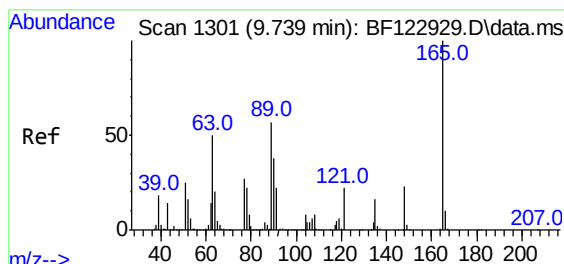
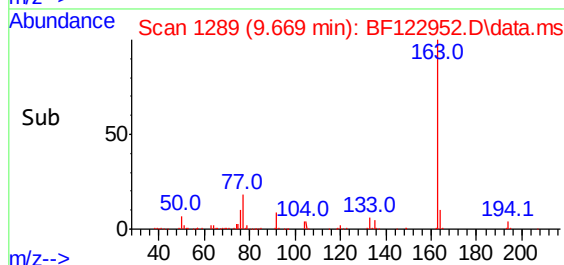
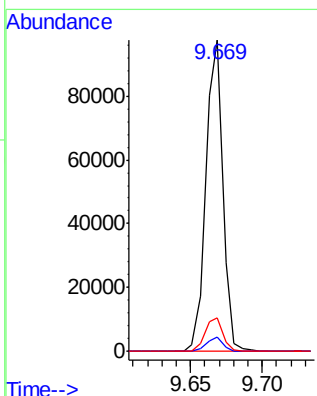
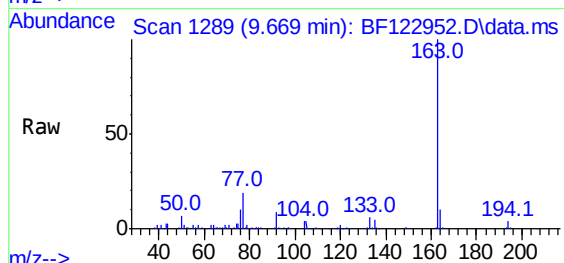




#50
Dimethylphthalate
Concen: 3.05 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

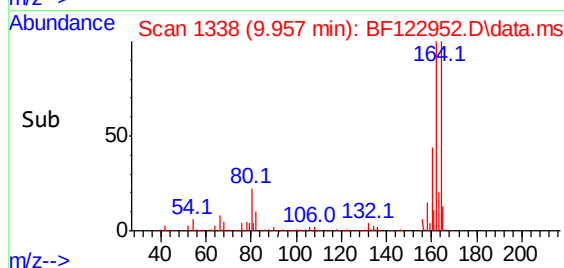
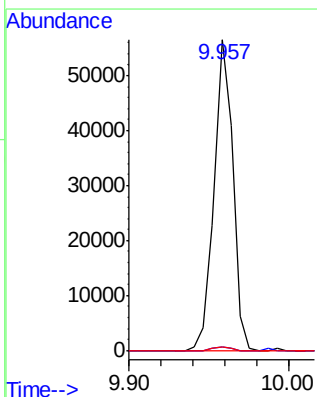
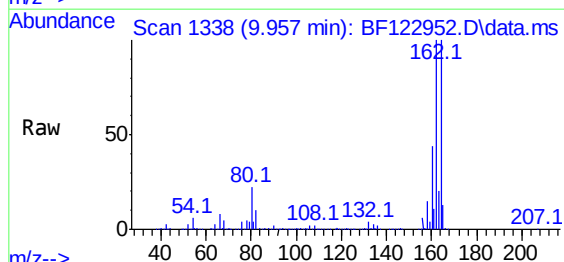
Instrument :
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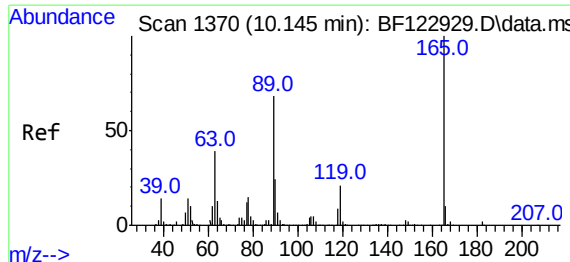
Tgt Ion:163 Resp: 80597
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.20 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Tgt Ion:165 Resp: 46421
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.2 39.4 59.0#

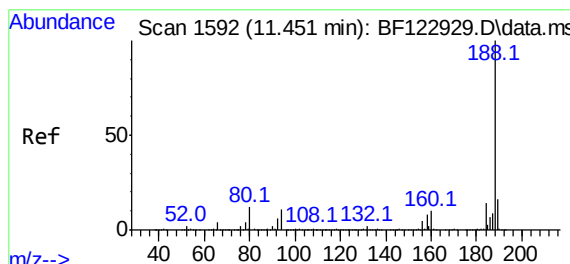
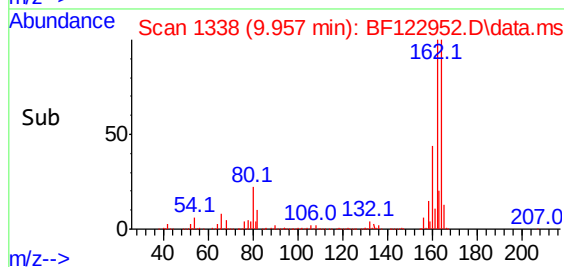
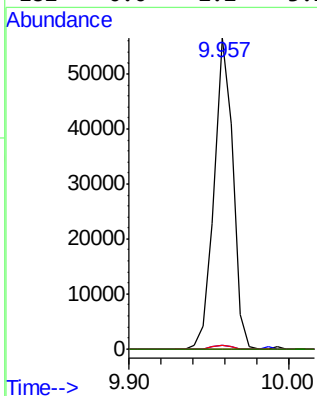
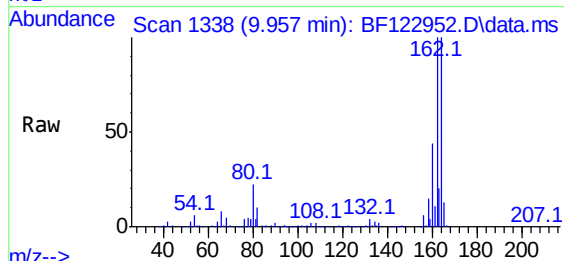




#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

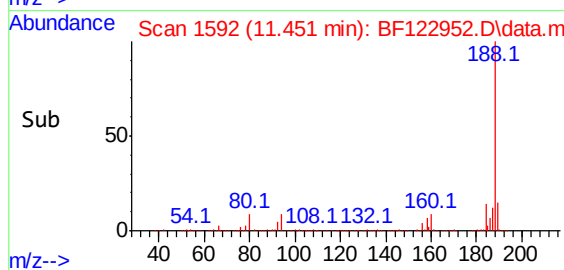
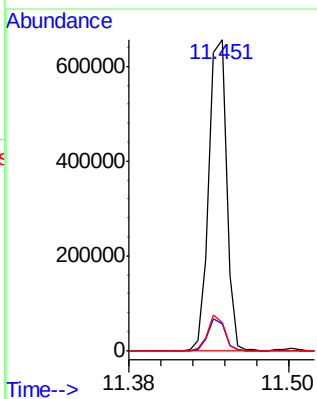
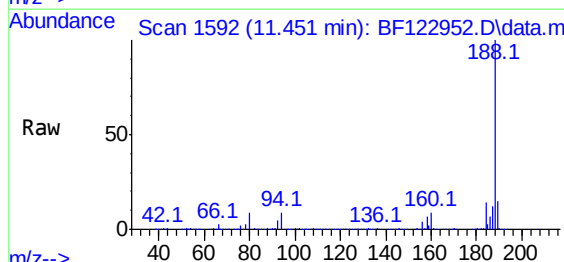
Instrument :
BNA_F
ClientSampleId :
TP-10

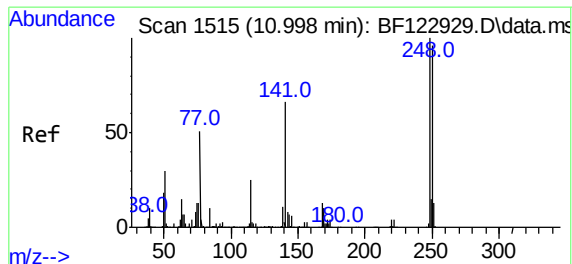
Tgt Ion:165 Resp: 46421
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Tgt Ion:188 Resp: 589904
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 8.8 8.2 12.4

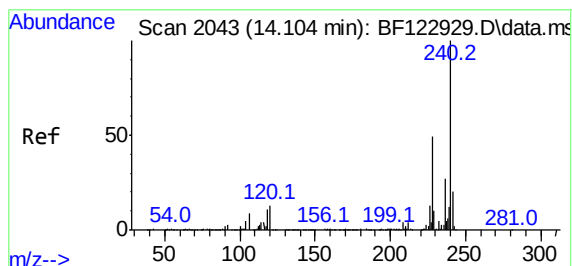
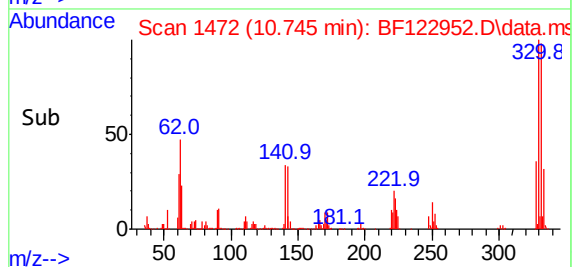
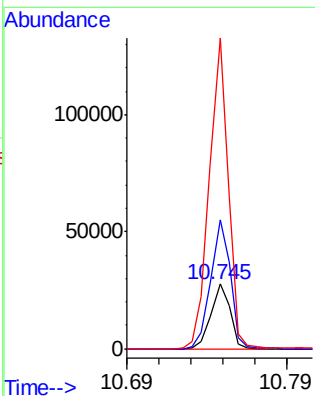
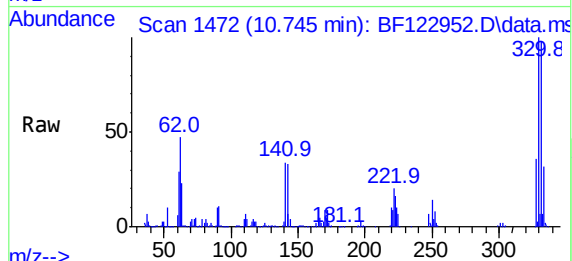




#67
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

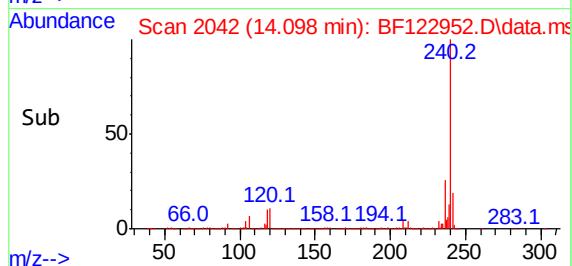
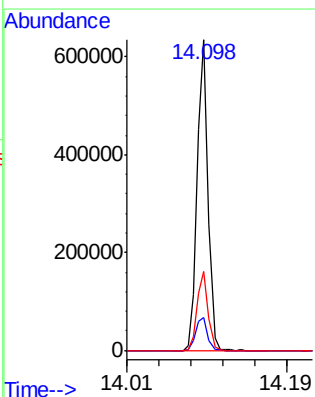
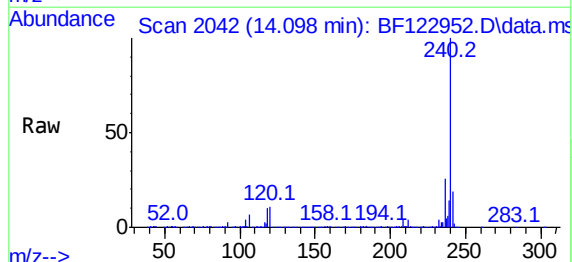
Instrument :
BNA_F
ClientSampled :
TP-10

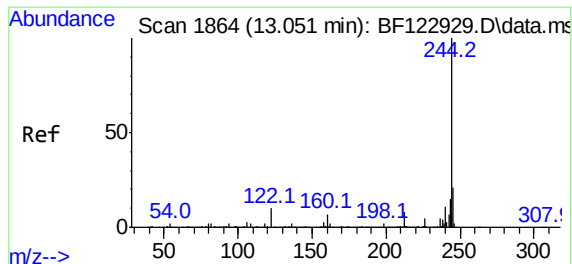
Tgt Ion:248 Resp: 23117
Ion Ratio Lower Upper
248 100
250 200.7 76.8 115.2#
141 482.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Tgt Ion:240 Resp: 531401
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.6 20.3 30.5

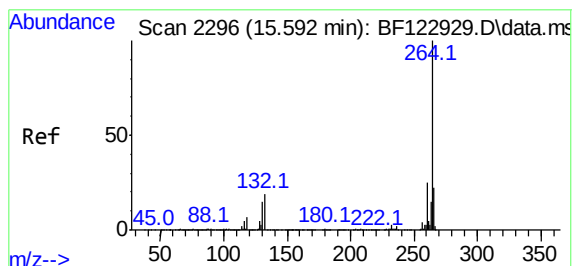
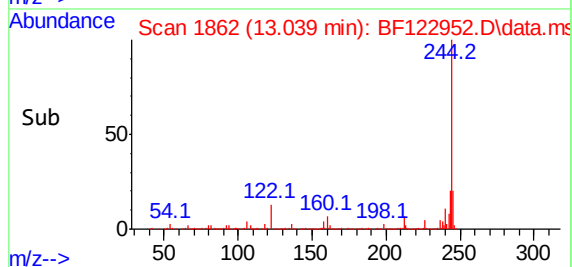
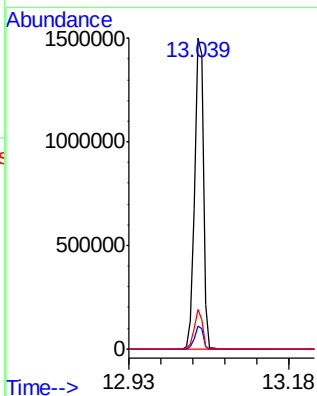
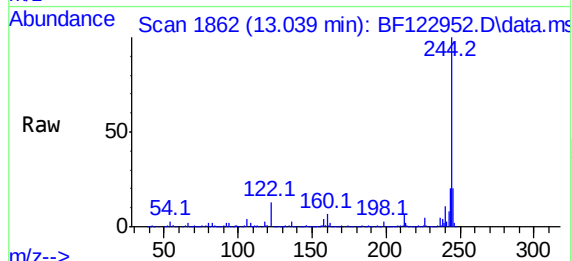




#79
Terphenyl-d14
Concen: 48.90 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:244 Resp: 1402495
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 12.7 8.3 12.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF122952.D
Acq: 8 Jan 2021 21:06

Tgt Ion:264 Resp: 577130
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.3 17.0 25.6

