

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
 Data File : BF122949.D
 Acq On : 8 Jan 2021 19:34
 Operator : JU/CG
 Sample : M1044-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jan 08 23:32:25 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)

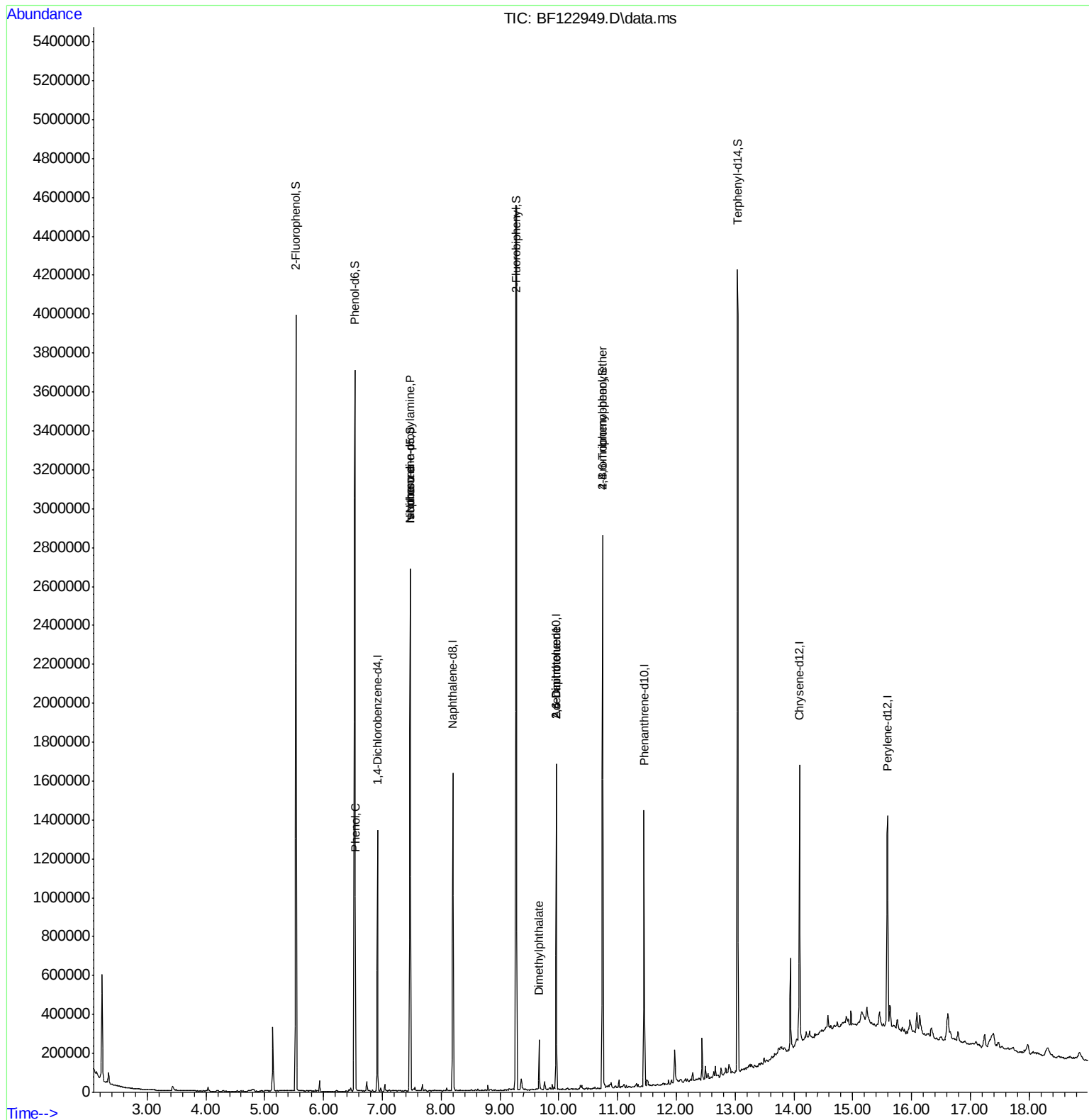
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	178110	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	658259	20.00	ng	0.00
39) Acenaphthene-d10	9.957	164	324934	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	524409	20.00	ng	0.00
76) Chrysene-d12	14.098	240	439319	20.00	ng	0.00
86) Perylene-d12	15.592	264	487220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1142163	96.27	ng	0.00
7) Phenol-d6	6.533	99	1399806	86.94	ng	0.00
23) Nitrobenzene-d5	7.475	82	820035	61.60	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	321372	87.56	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1520188	66.32	ng	0.00
79) Terphenyl-d14	13.039	244	1319827	55.66	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.463	77	915	Below Cal	#	69
10) Phenol	6.539	94	34208	2.15	ng	82
19) n-Nitroso-di-n-propyla...	7.475	70	107870	10.98	ng	# 77
25) Isophorone	7.475	82	820018	34.35	ng	# 65
50) Dimethylphthalate	9.669	163	95499	3.95	ng	100
51) 2,6-Dinitrotoluene	9.957	165	43051	8.33	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	43051	6.51	ng	# 25
67) 4-Bromophenyl-phenylether	10.745	248	20851	3.29	ng	# 1

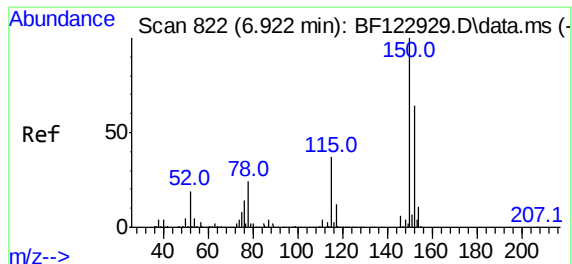
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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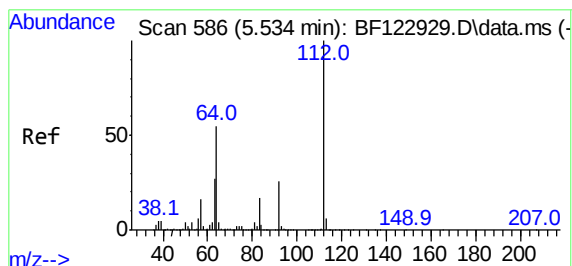
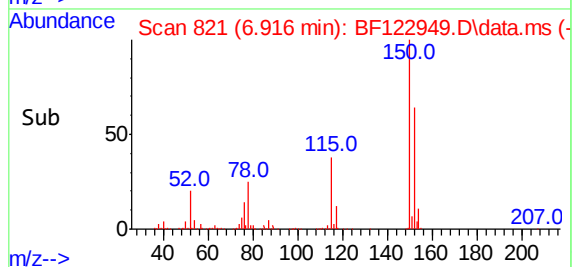
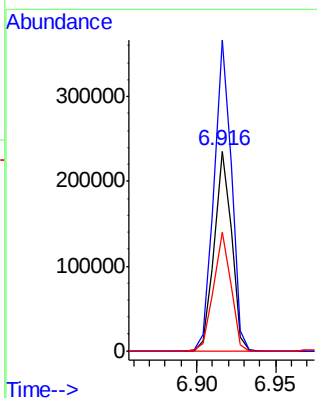
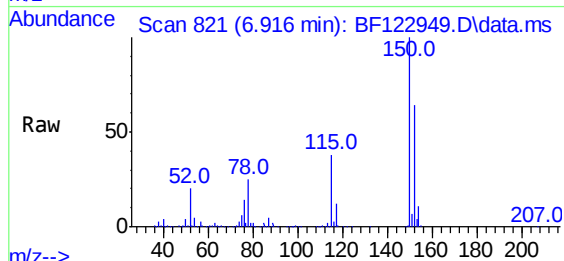




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

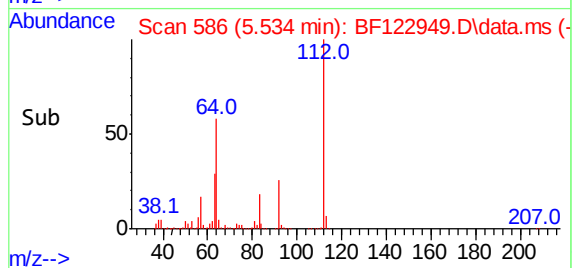
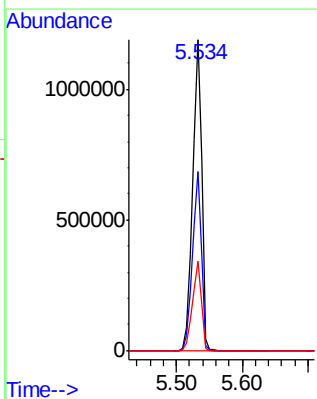
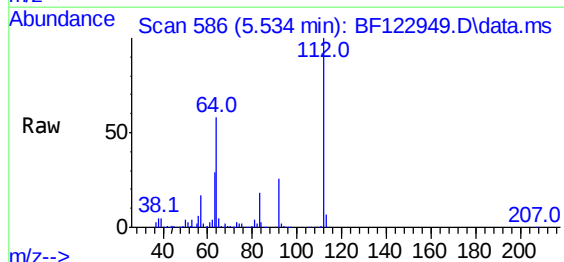
Instrument :
BNA_F
ClientSampleId :
TP-2

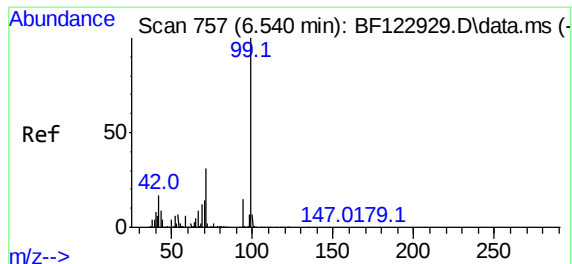
Tgt Ion:152 Resp: 178110
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 59.8 49.3 73.9



#5
2-Fluorophenol
Concen: 96.27 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

Tgt Ion:112 Resp: 1142163
Ion Ratio Lower Upper
112 100
64 57.6 46.9 70.3
63 28.5 24.5 36.7

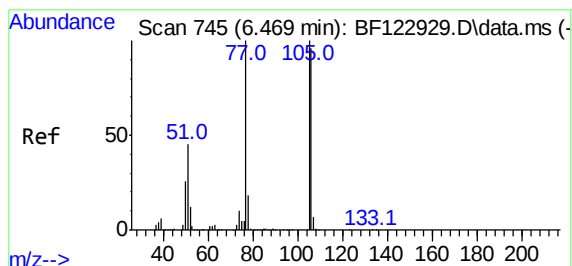
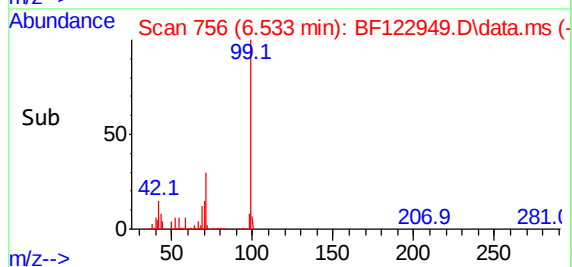
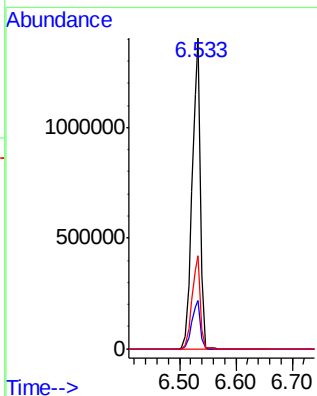
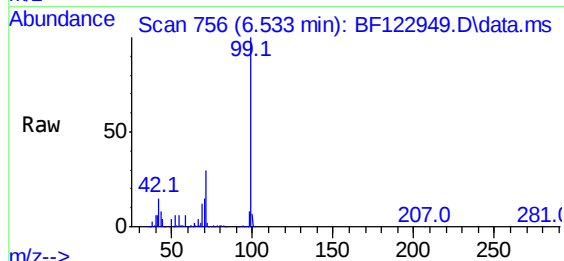




#7
Phenol-d6
Concen: 86.94 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.007 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

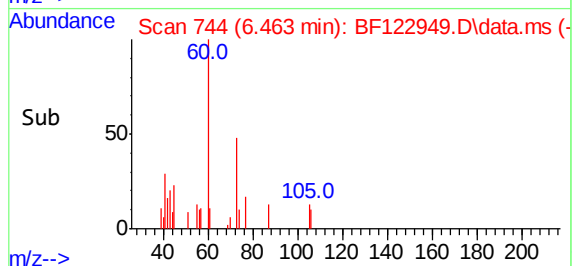
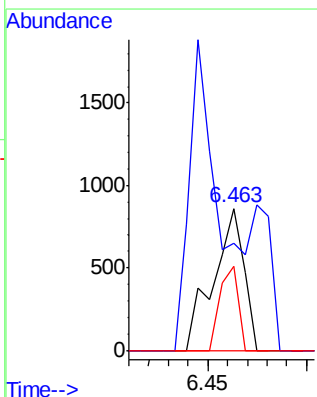
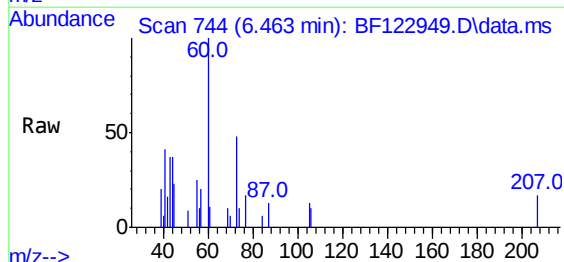
Instrument :
BNA_F
ClientSampleId :
TP-2

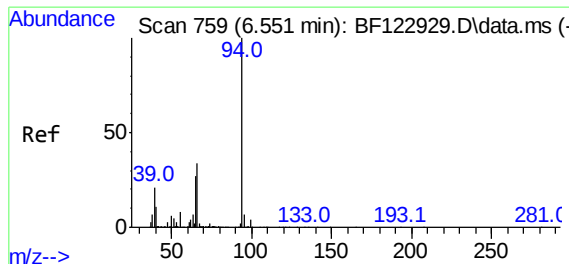
Tgt Ion: 99 Resp: 1399806
Ion Ratio Lower Upper
99 100
42 15.4 13.8 20.6
71 30.1 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

Tgt Ion: 77 Resp: 915
Ion Ratio Lower Upper
77 100
105 75.6 80.6 120.6#
106 59.5 77.2 117.2#

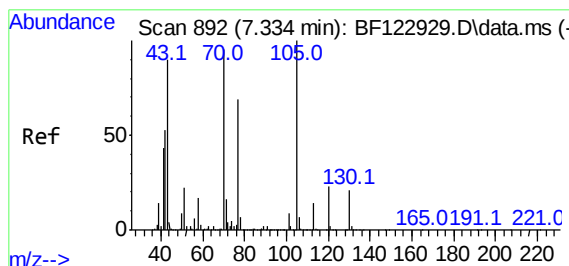
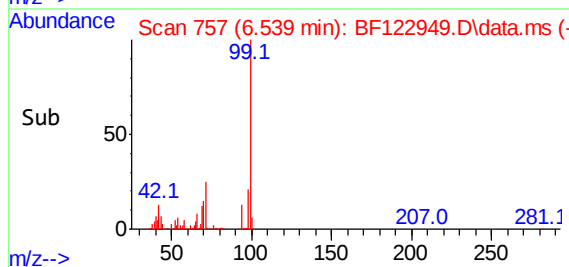
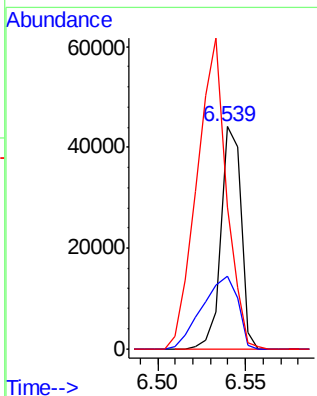
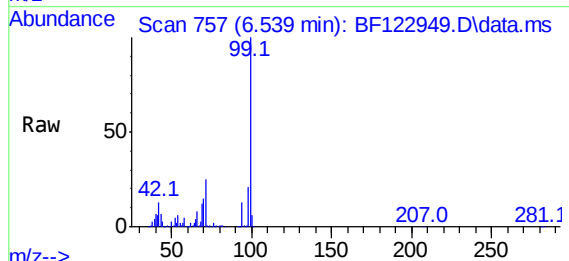




#10
Phenol
Concen: 2.15 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

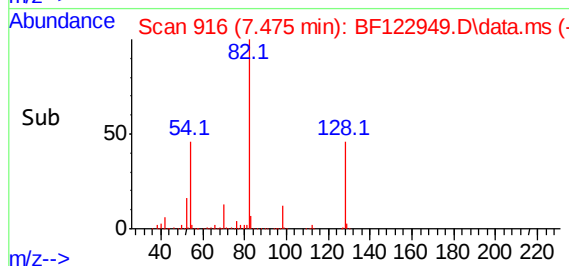
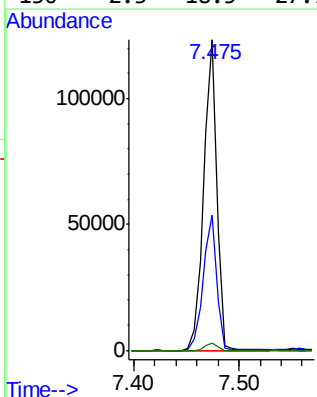
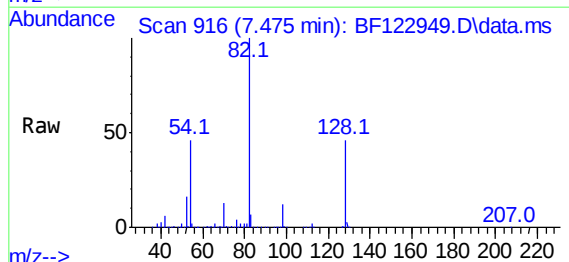
Instrument :
BNA_F
ClientSampleId :
TP-2

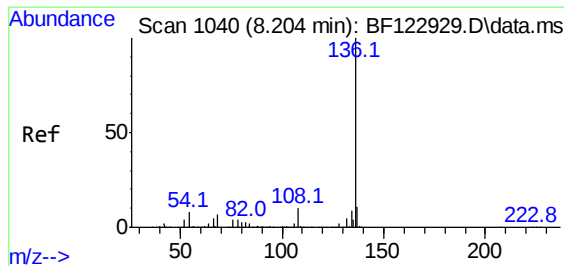
Tgt Ion: 94 Resp: 34208
Ion Ratio Lower Upper
94 100
65 32.9 11.2 51.2
66 64.0 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.98 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

Tgt Ion: 70 Resp: 107870
Ion Ratio Lower Upper
70 100
42 43.5 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



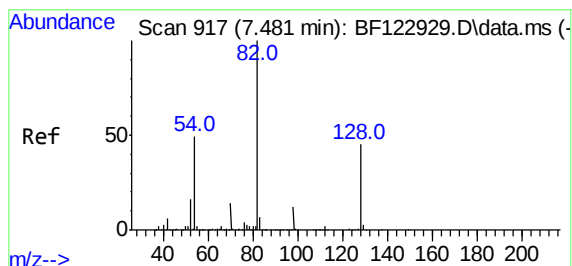
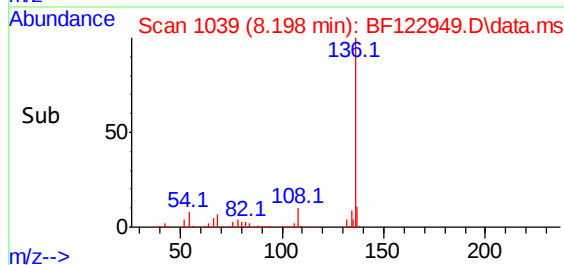
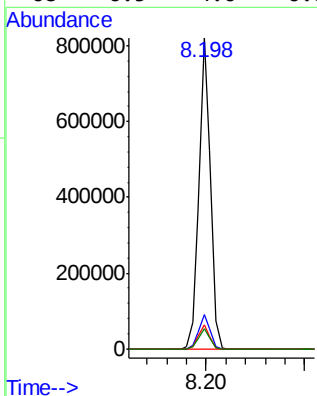
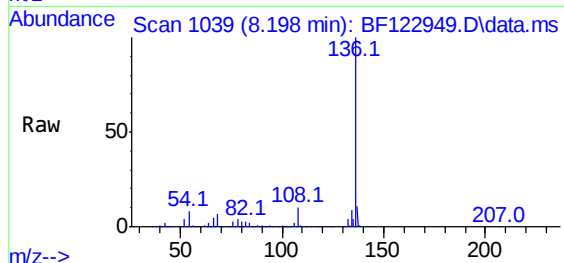


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 658259

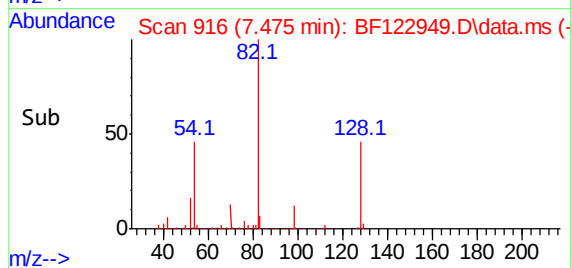
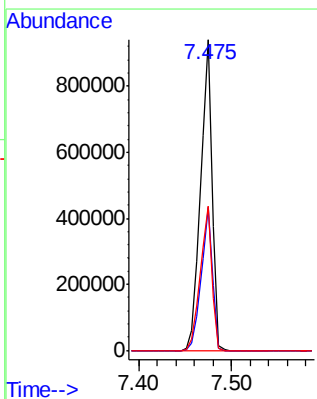
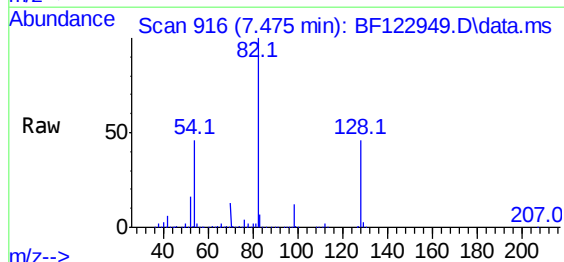
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	5.5	8.3
68	6.5	4.6	6.8

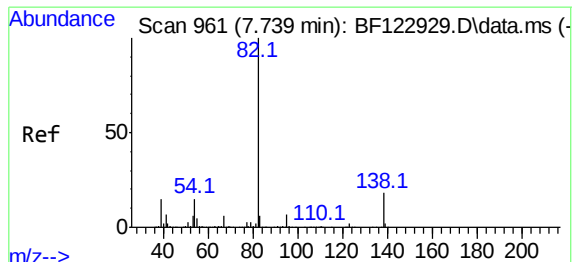


#23
Nitrobenzene-d5
Concen: 61.60 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

Tgt Ion: 82 Resp: 820035

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	46.3	38.4	57.6

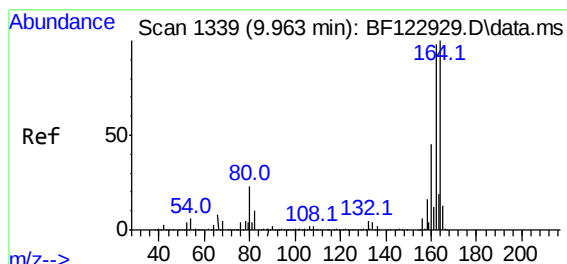
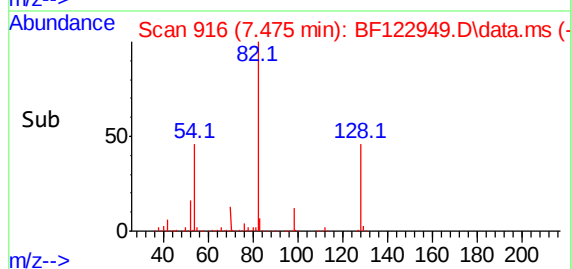
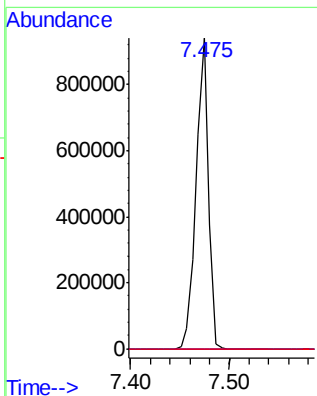
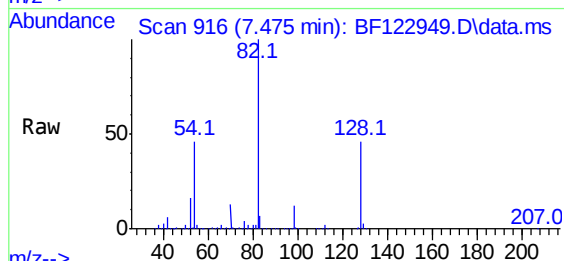




#25
Isophorone
Concen: 34.35 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

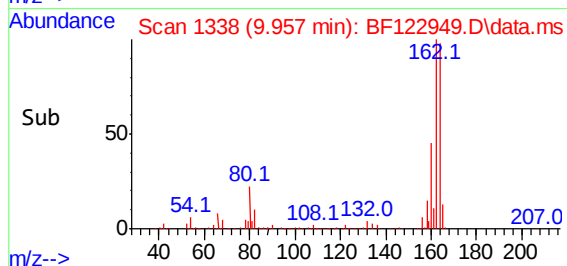
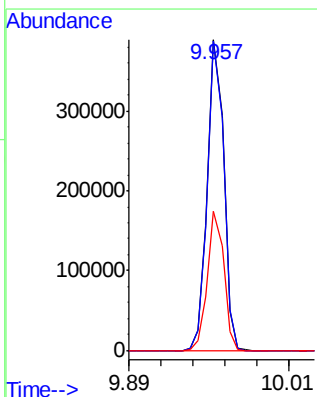
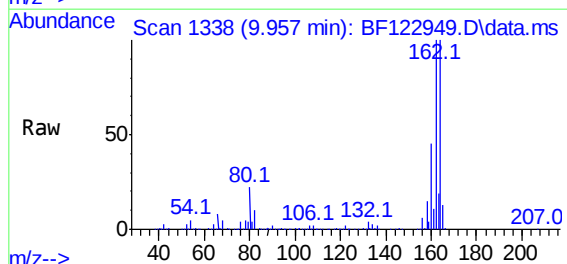
Instrument :
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ClientSampleId :
TP-2

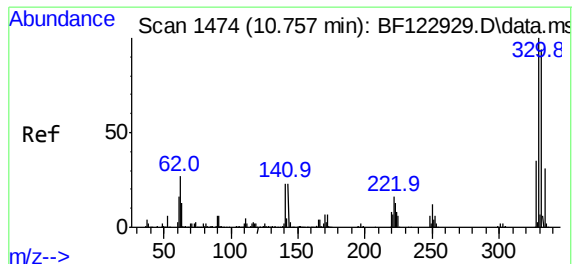
Tgt Ion: 82 Resp: 820018
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

Tgt Ion: 164 Resp: 324934
Ion Ratio Lower Upper
164 100
162 99.6 80.8 121.2
160 44.8 35.4 53.0

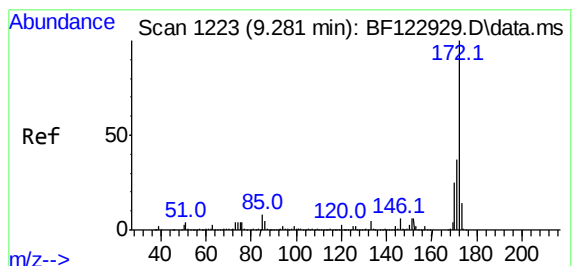
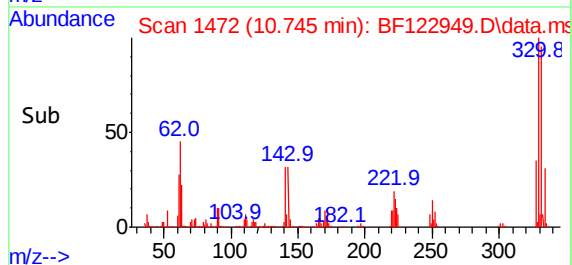
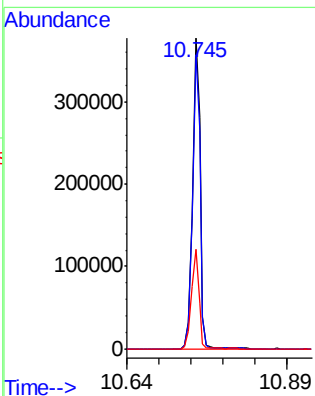
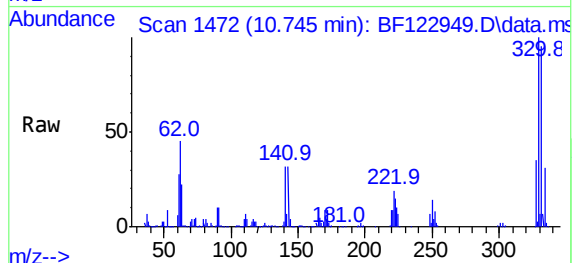




#42
2,4,6-Tribromophenol
Concen: 87.56 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

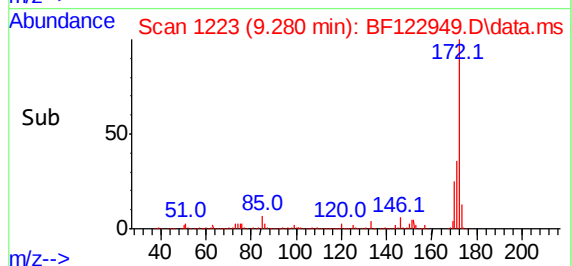
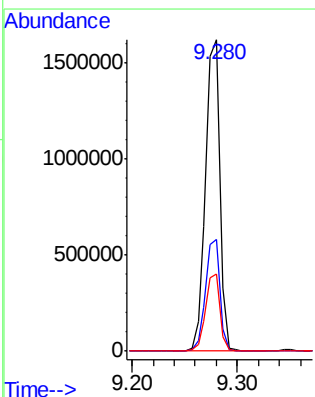
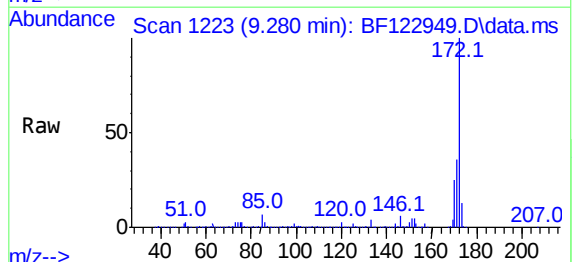
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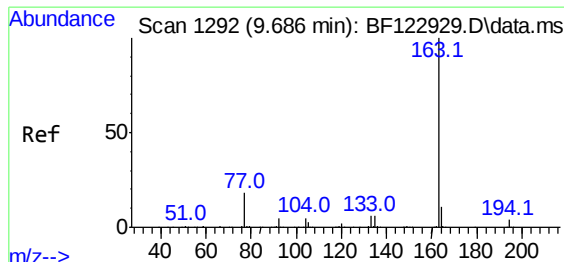
Tgt Ion:330 Resp: 321372
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 31.4 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 66.32 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

Tgt Ion:172 Resp: 1520188
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.7 19.5 29.3

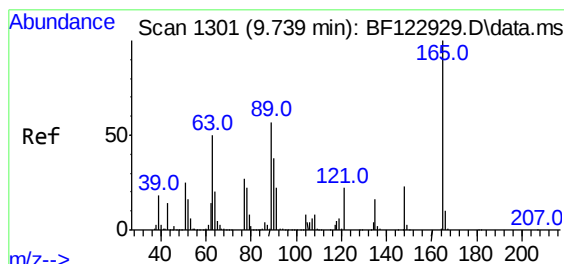
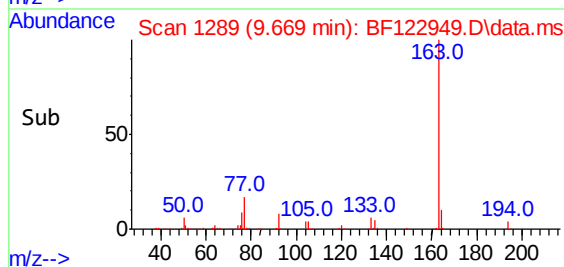
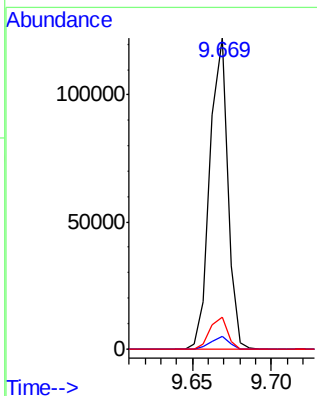
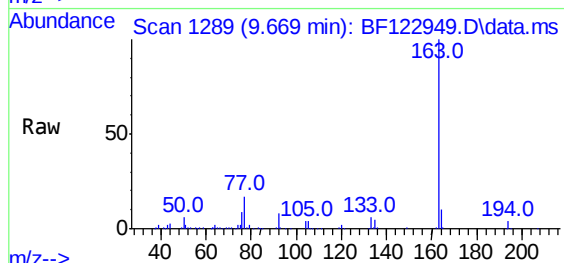




#50
Dimethylphthalate
Concen: 3.95 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

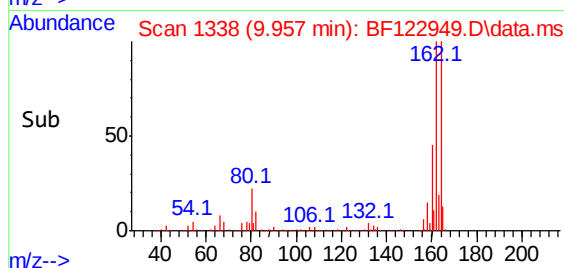
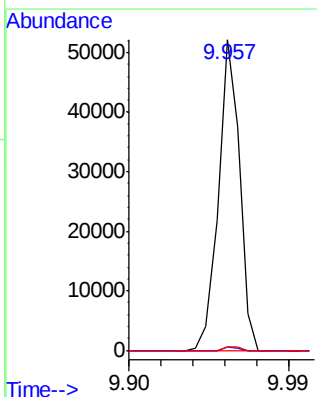
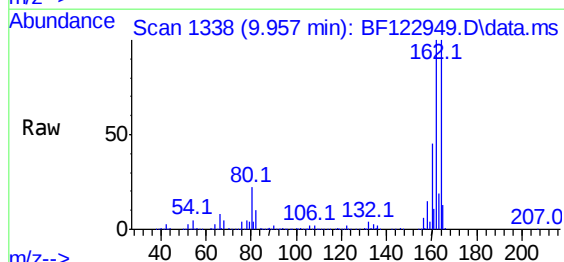
Instrument :
BNA_F
ClientSampleId :
TP-2

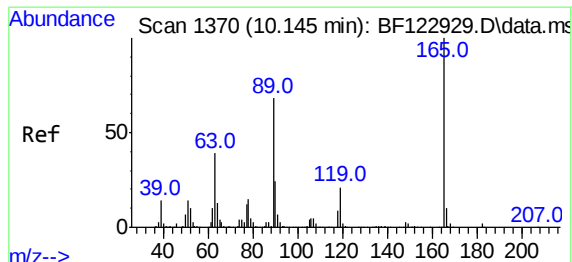
Tgt Ion:163 Resp: 95499
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.2 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

Tgt Ion:165 Resp: 43051
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.2 39.4 59.0#

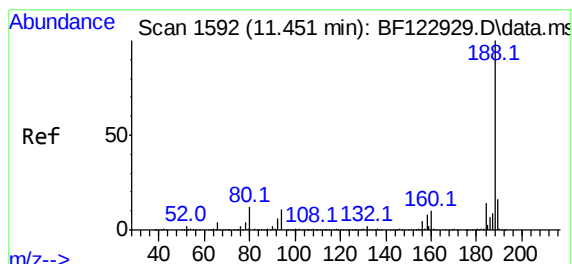
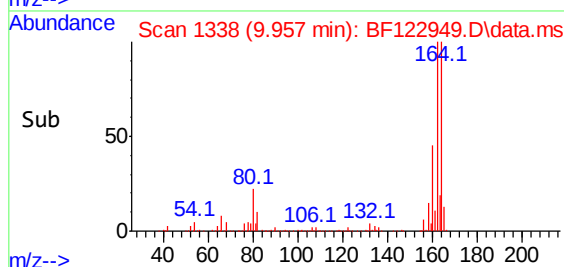
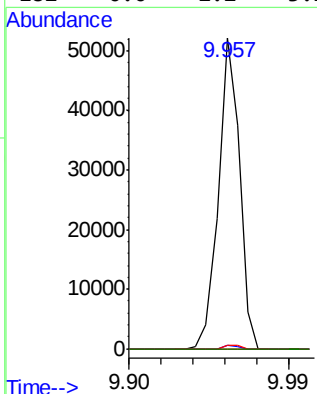
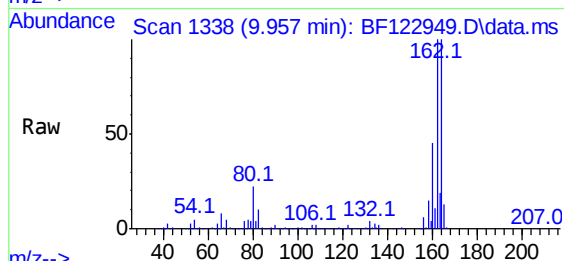




#57
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

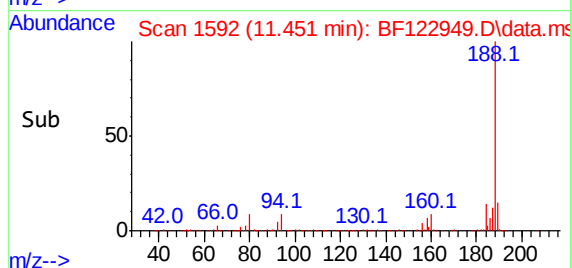
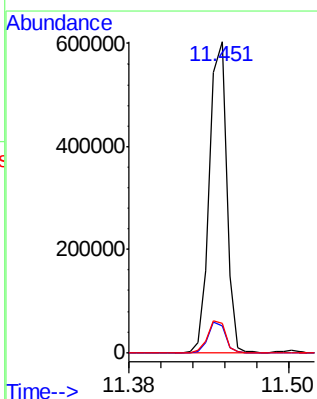
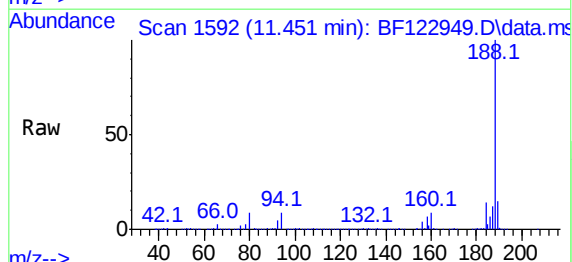
Instrument :
BNA_F
ClientSampleId :
TP-2

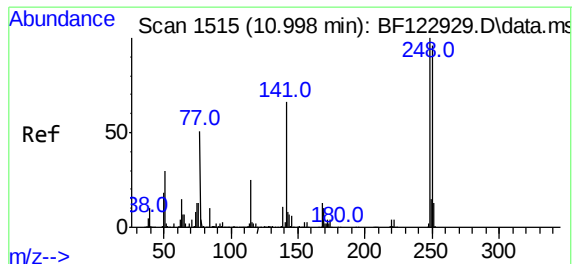
Tgt Ion:165 Resp: 43051
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

Tgt Ion:188 Resp: 524409
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.2 8.2 12.4

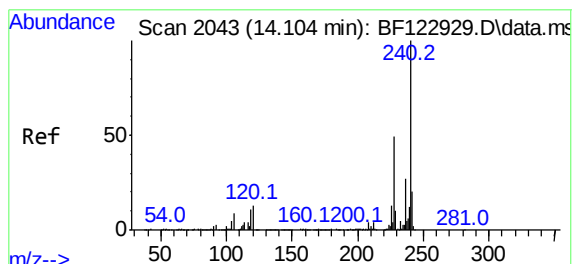
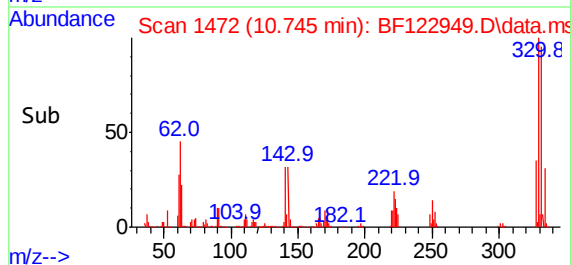
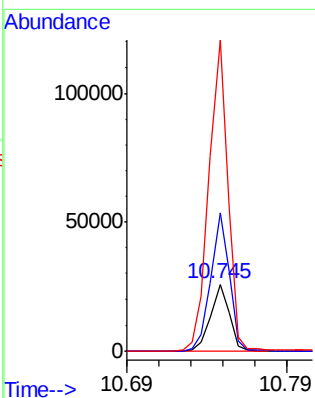
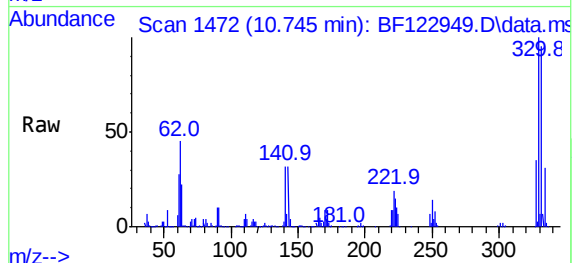




#67
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

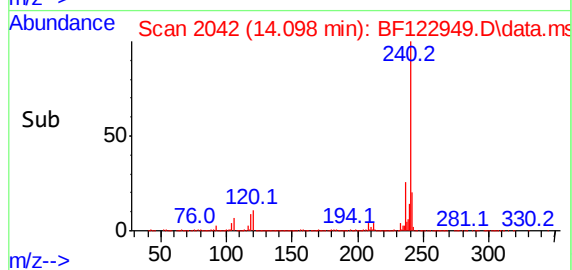
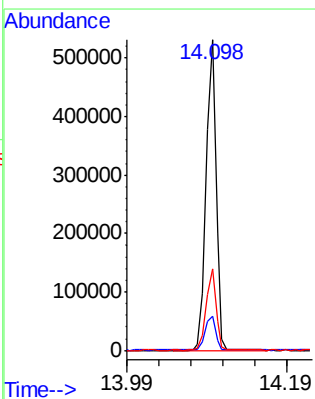
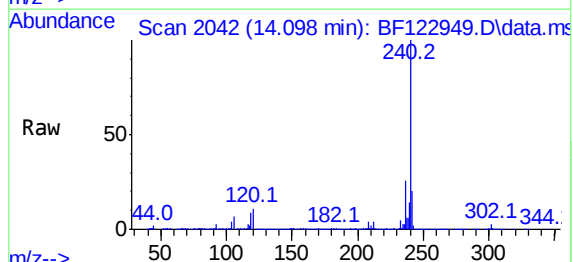
Instrument :
BNA_F
ClientSampleId :
TP-2

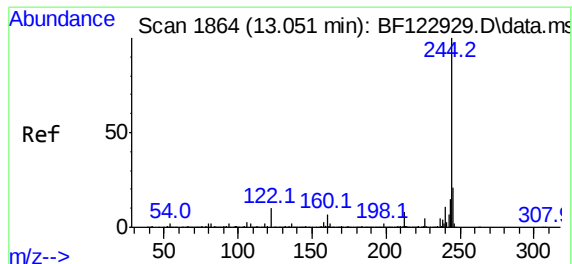
Tgt Ion:248 Resp: 20851
Ion Ratio Lower Upper
248 100
250 206.3 76.8 115.2#
141 466.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF122949.D
Acq: 8 Jan 2021 19:34

Tgt Ion:240 Resp: 439319
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 26.2 20.3 30.5

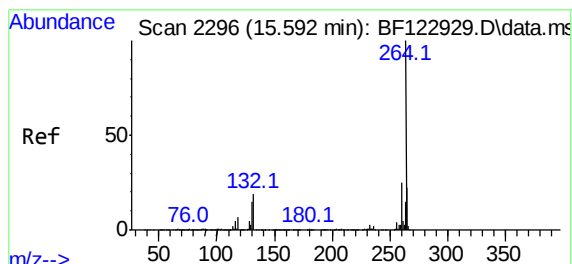
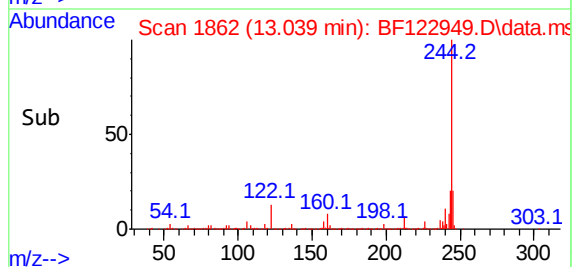
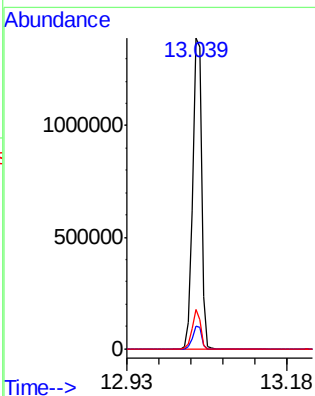
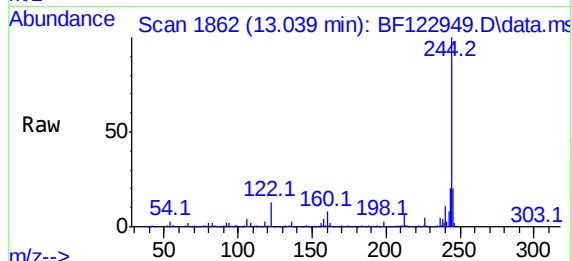




#79
 Terphenyl-d14
 Concen: 55.66 ng
 RT: 13.039 min Scan# 1862
 Delta R.T. -0.012 min
 Lab File: BF122949.D
 Acq: 8 Jan 2021 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1319827
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 12.6 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: BF122949.D
 Acq: 8 Jan 2021 19:34

Tgt Ion:264 Resp: 487220
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.7 17.0 25.6

