

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
 Data File : BF122946.D
 Acq On : 8 Jan 2021 18:01
 Operator : JU/CG
 Sample : M1044-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Jan 08 23:30:29 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)

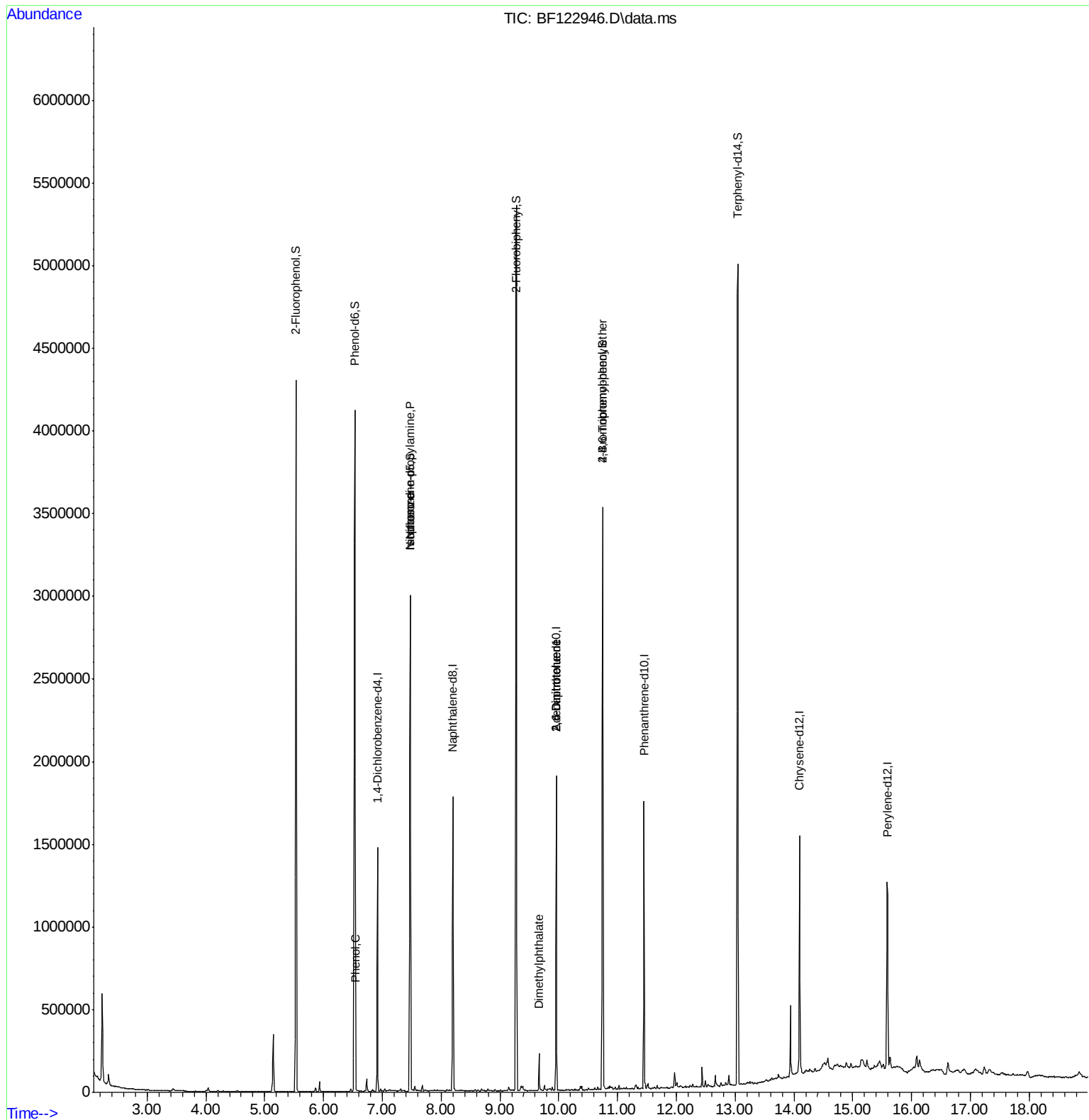
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	192477	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	717765	20.00	ng	0.00
39) Acenaphthene-d10	9.957	164	368547	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	639171	20.00	ng	0.00
76) Chrysene-d12	14.098	240	454432	20.00	ng	0.00
86) Perylene-d12	15.586	264	501657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1312294	102.35	ng	0.00
7) Phenol-d6	6.534	99	1628143	93.58	ng	0.00
23) Nitrobenzene-d5	7.475	82	967259	66.63	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	426517	102.46	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	1779924	68.46	ng	0.00
79) Terphenyl-d14	13.045	244	1616960	65.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.457	77	488	Below Cal	#	79
10) Phenol	6.545	94	91493	5.31	ng	83
19) n-Nitroso-di-n-propyla...	7.475	70	127734	12.03	ng	# 77
25) Isophorone	7.475	82	967057	37.15	ng	# 65
50) Dimethylphthalate	9.669	163	90220	3.29	ng	99
51) 2,6-Dinitrotoluene	9.957	165	48427	8.26	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	48427	6.46	ng	# 25
67) 4-Bromophenyl-phenylether	10.745	248	27186	3.52	ng	# 1

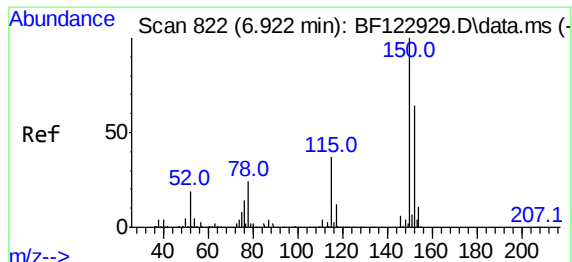
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122946.D
Acq On : 8 Jan 2021 18:01
Operator : JU/CG
Sample : M1044-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Time: Jan 08 23:30:29 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

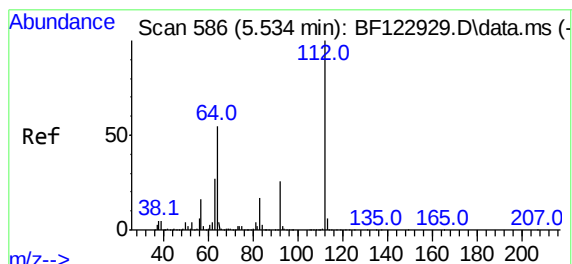
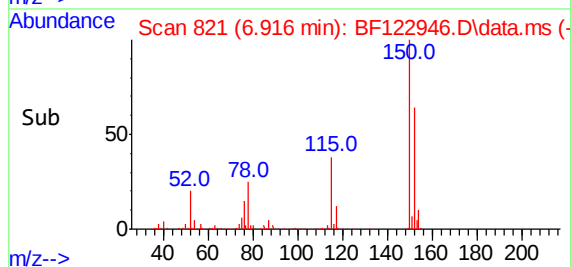
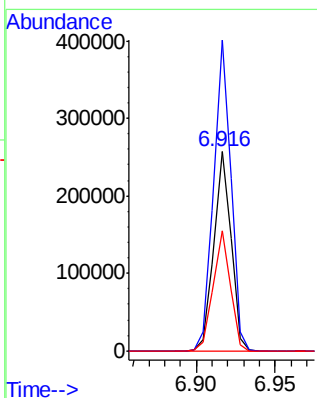
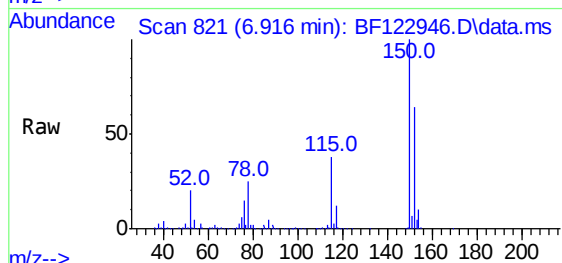




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

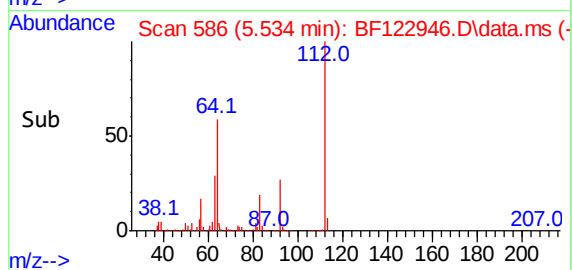
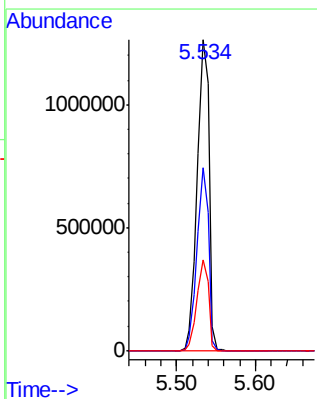
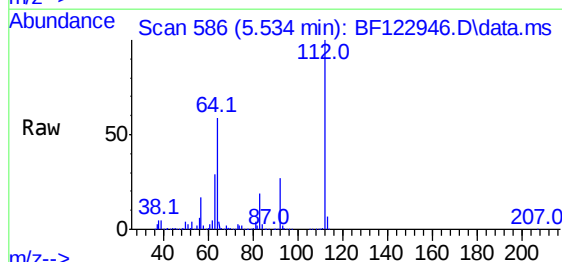
Instrument :
BNA_F
ClientSampleId :
TP-6

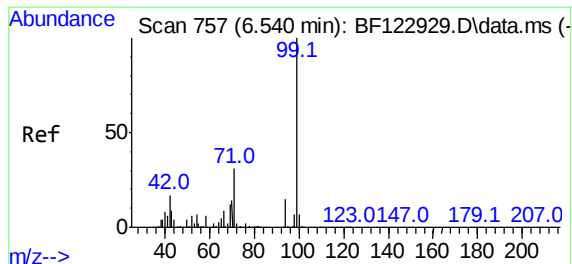
Tgt Ion:152 Resp: 192477
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 60.2 49.3 73.9



#5
2-Fluorophenol
Concen: 102.35 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Tgt Ion:112 Resp: 1312294
Ion Ratio Lower Upper
112 100
64 58.6 46.9 70.3
63 29.0 24.5 36.7



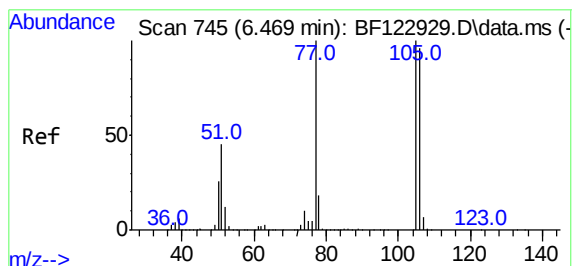
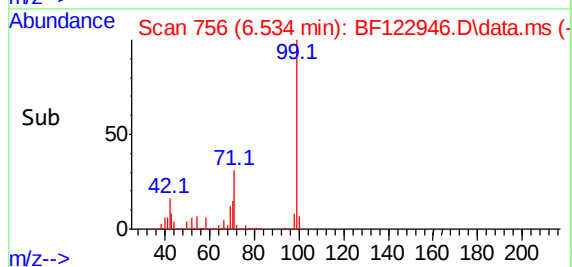
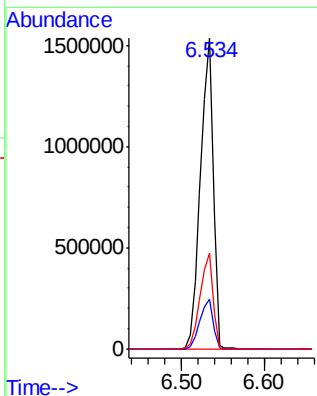
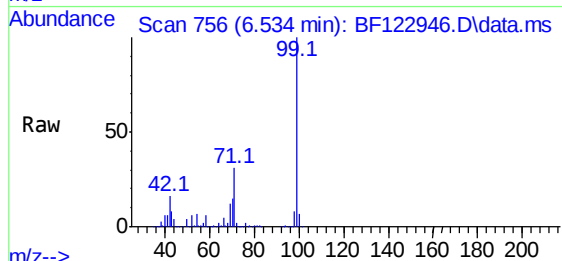


#7
Phenol-d6
Concen: 93.58 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 1628143

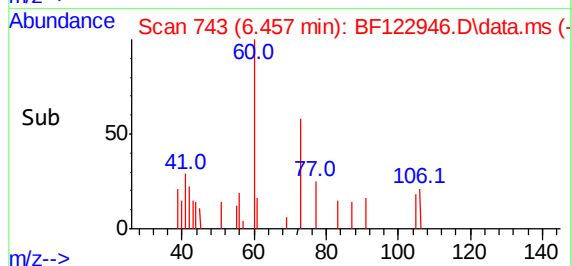
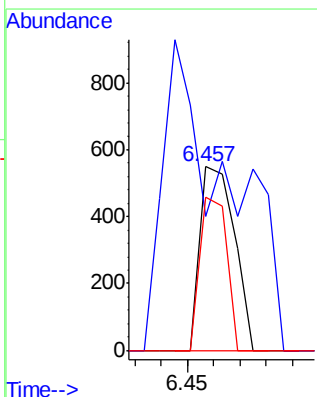
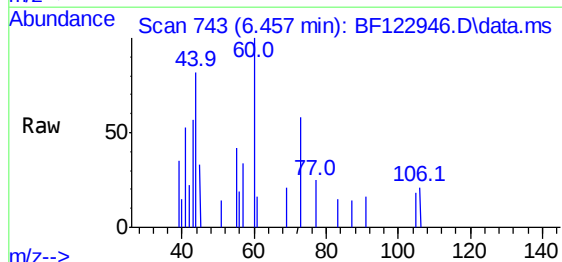
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.8	20.6
71	30.7	26.9	40.3

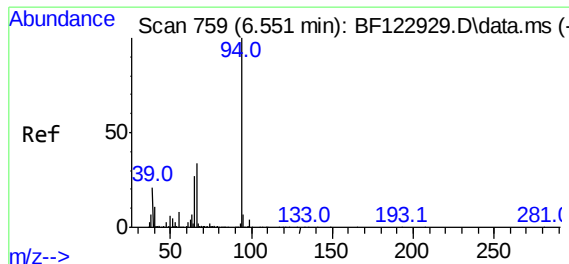


#9
Benzaldehyde
Concen: Below Cal
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Tgt Ion: 77 Resp: 488

Ion	Ratio	Lower	Upper
77	100		
105	73.0	80.6	120.6
106	83.4	77.2	117.2

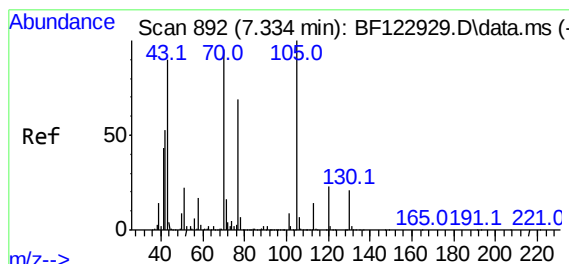
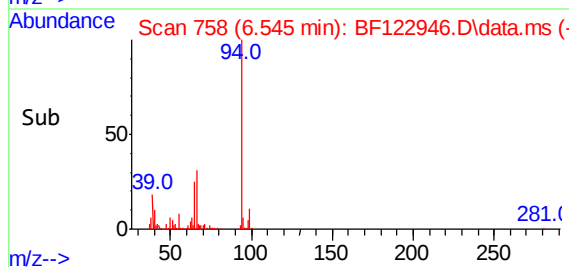
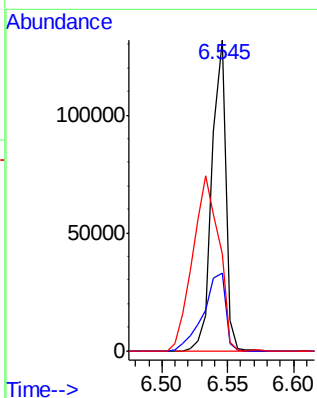
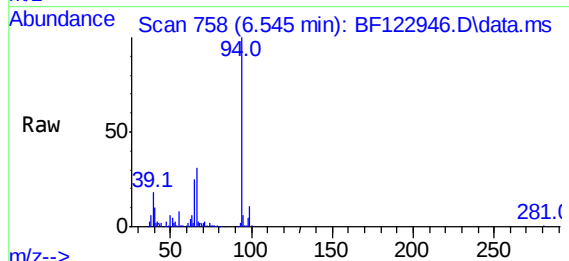




#10
Phenol
Concen: 5.31 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

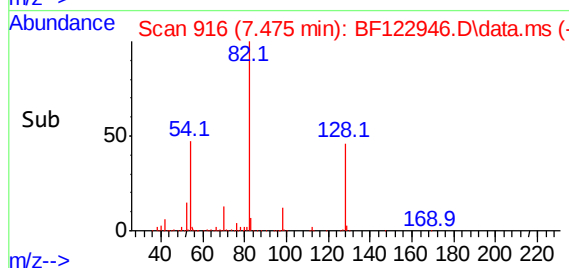
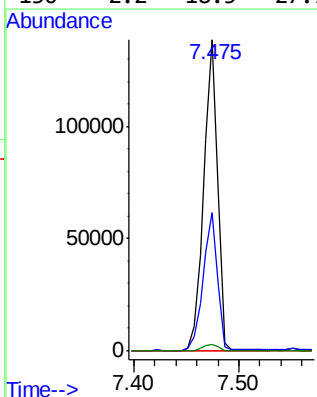
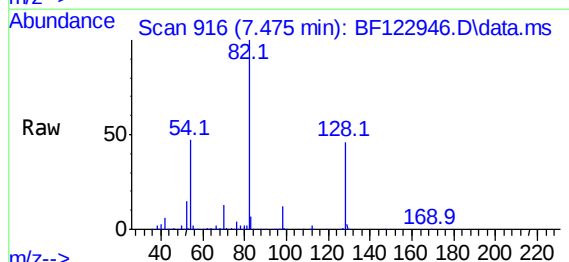
Instrument :
BNA_F
ClientSampleId :
TP-6

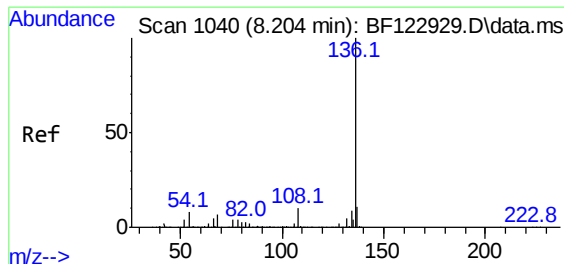
Tgt Ion: 94 Resp: 91493
Ion Ratio Lower Upper
94 100
65 25.2 11.2 51.2
66 31.4 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.03 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Tgt Ion: 70 Resp: 127734
Ion Ratio Lower Upper
70 100
42 44.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



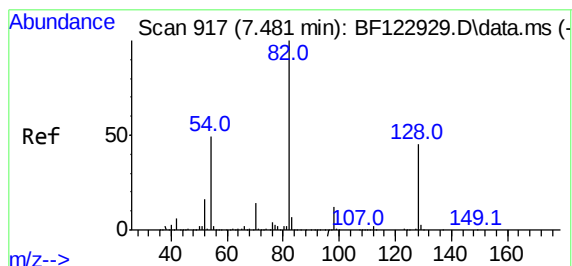
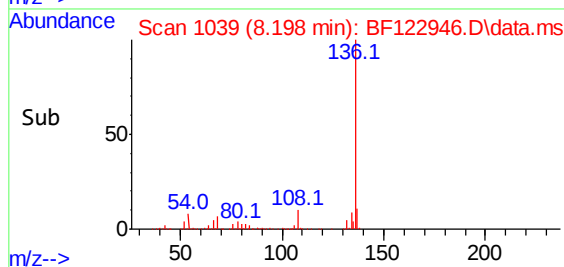
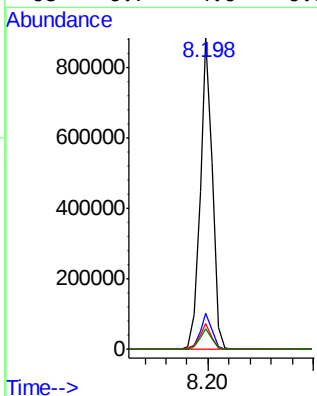
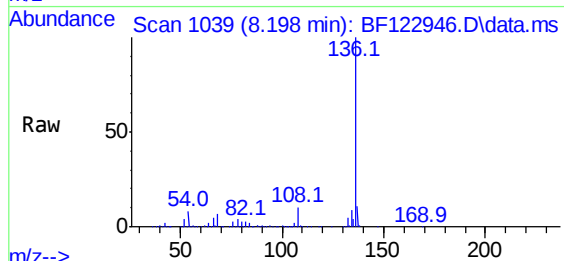


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:136 Resp: 717765

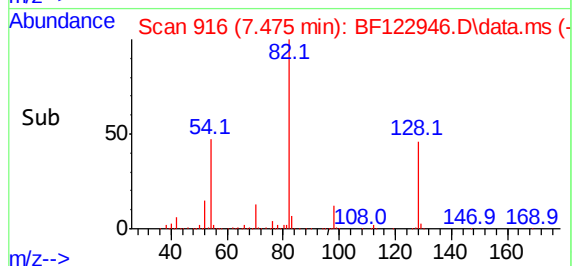
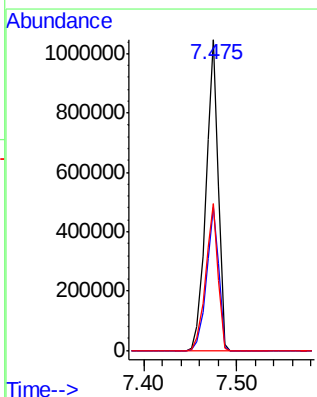
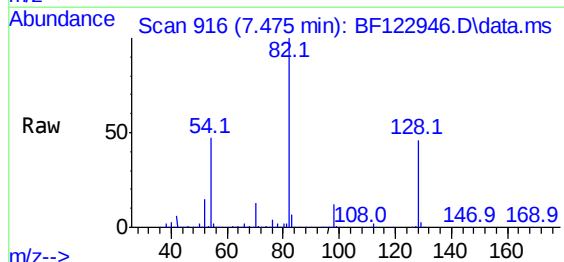
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.1	5.5	8.3
68	6.7	4.6	6.8

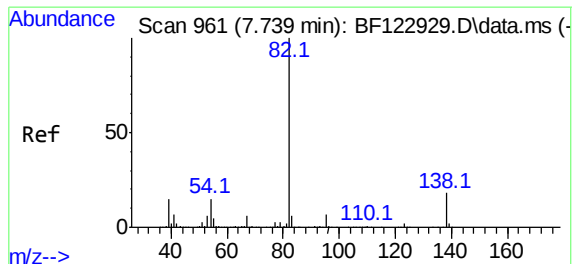


#23
Nitrobenzene-d5
Concen: 66.63 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Tgt Ion: 82 Resp: 967259

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.4
54	47.2	38.4	57.6

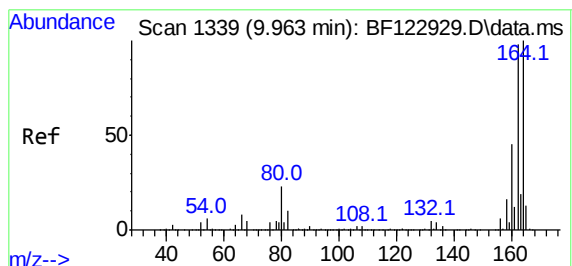
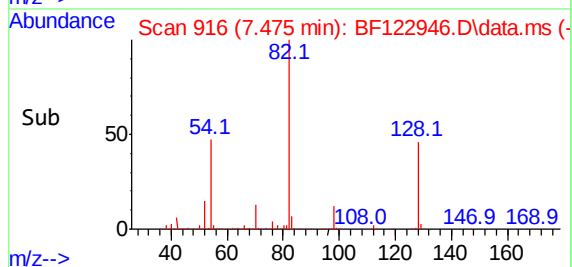
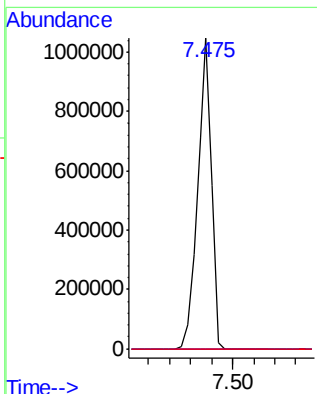
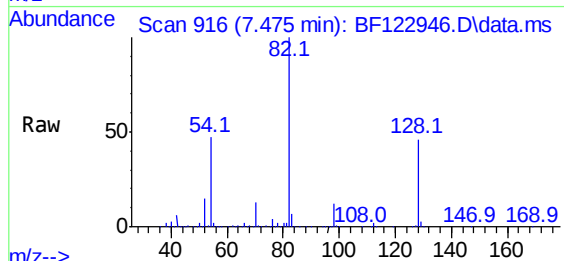




#25
Isophorone
Concen: 37.15 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

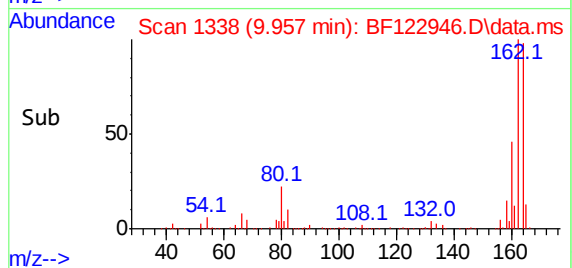
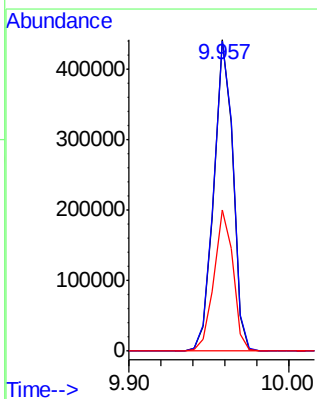
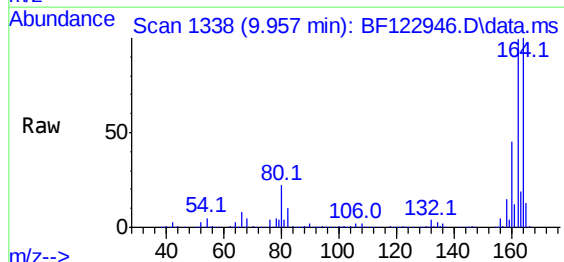
Instrument :
BNA_F
ClientSampleId :
TP-6

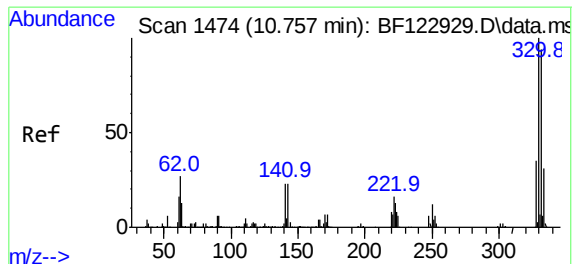
Tgt Ion: 82 Resp: 967057
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Tgt Ion:164 Resp: 368547
Ion Ratio Lower Upper
164 100
162 99.4 80.8 121.2
160 45.2 35.4 53.0

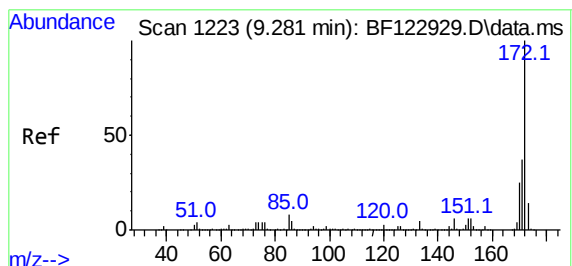
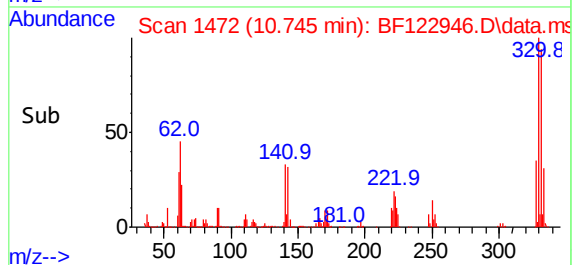
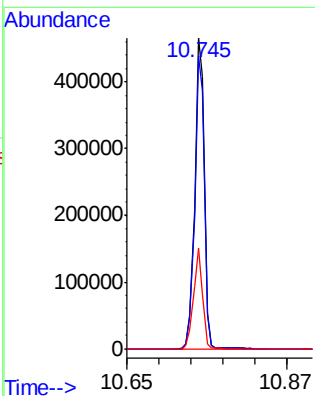
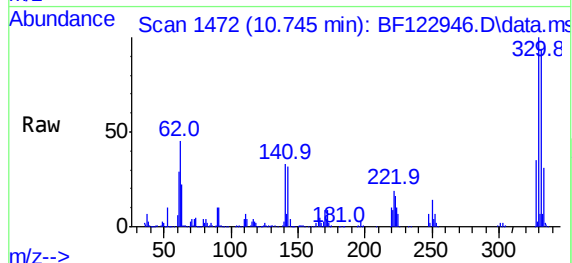




#42
2,4,6-Tribromophenol
Concen: 102.46 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

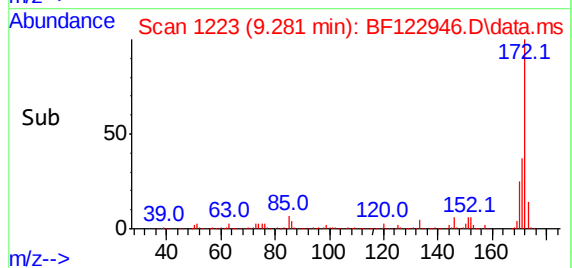
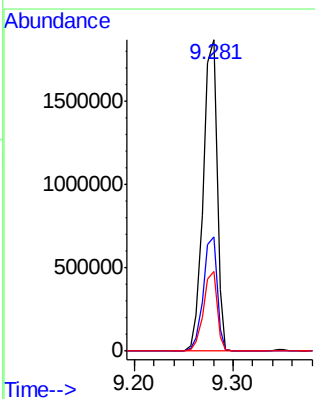
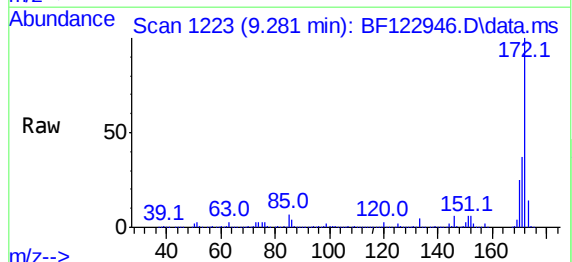
Instrument :
BNA_F
ClientSampleId :
TP-6

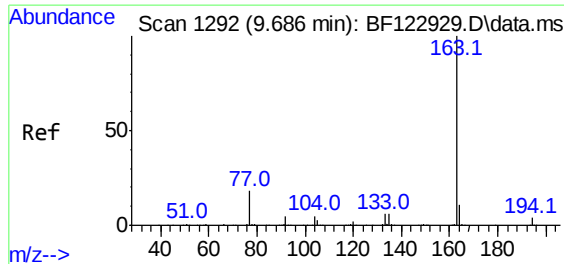
Tgt Ion:330 Resp: 426517
Ion Ratio Lower Upper
330 100
332 94.9 77.5 116.3
141 30.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 68.46 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Tgt Ion:172 Resp: 1779924
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 25.3 19.5 29.3

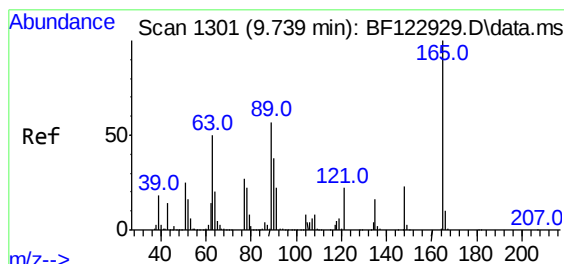
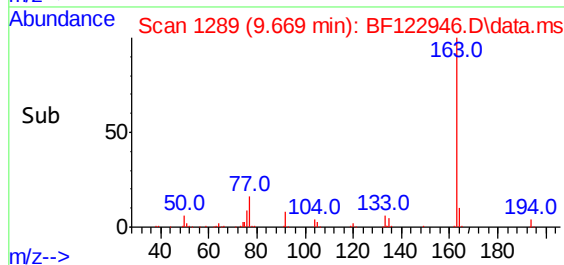
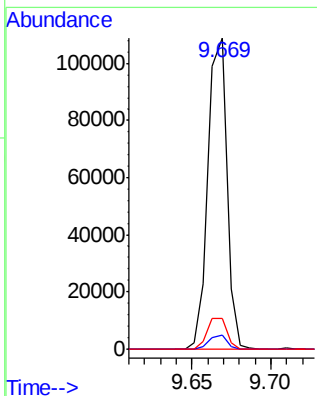
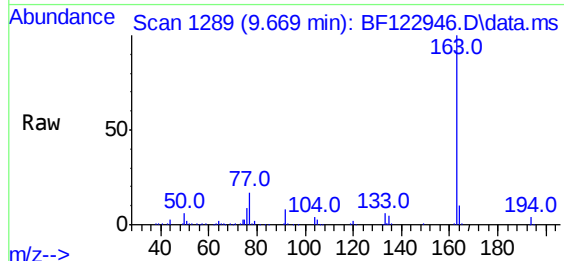




#50
Dimethylphthalate
Concen: 3.29 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

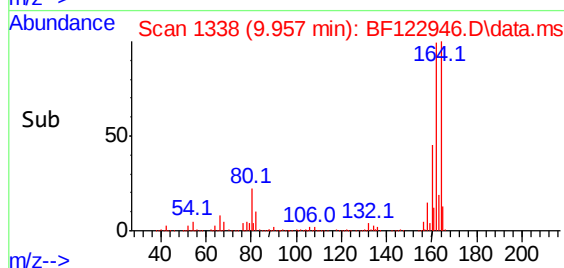
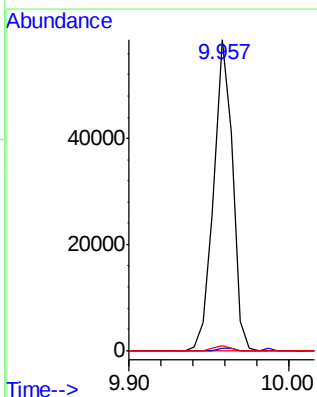
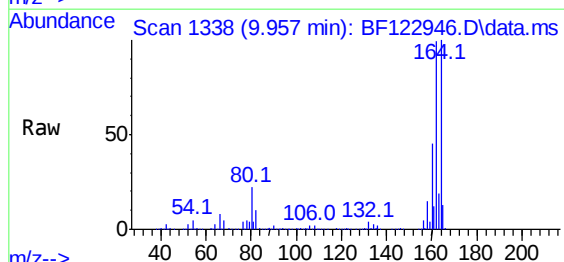
Instrument :
BNA_F
ClientSampleId :
TP-6

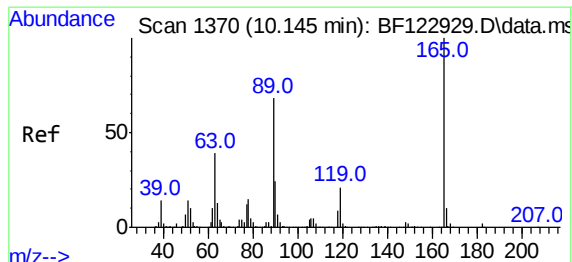
Tgt Ion:163 Resp: 90220
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.8 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Tgt Ion:165 Resp: 48427
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.4 39.4 59.0#

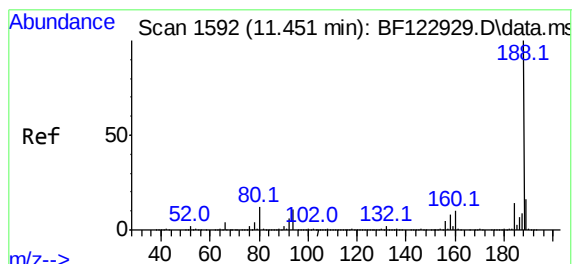
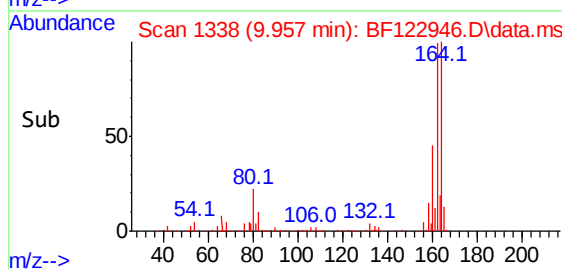
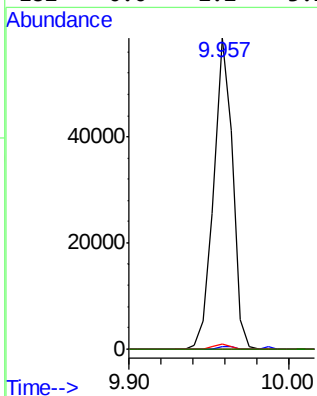
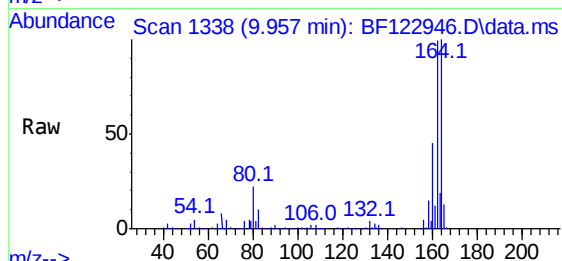




#57
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

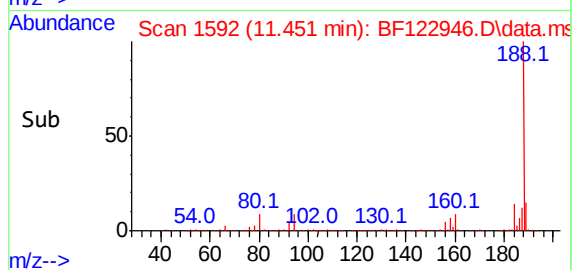
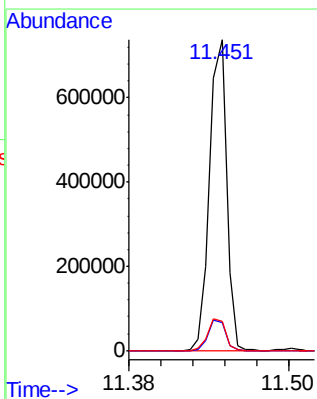
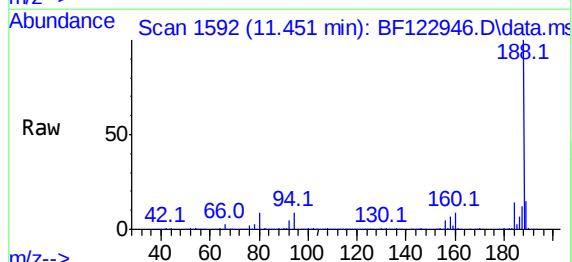
Instrument :
BNA_F
ClientSampleId :
TP-6

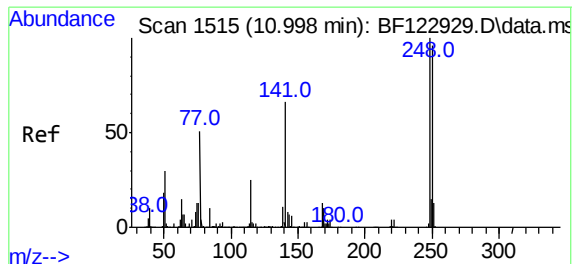
Tgt Ion:165 Resp: 48427
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Tgt Ion:188 Resp: 639171
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.3 8.2 12.4

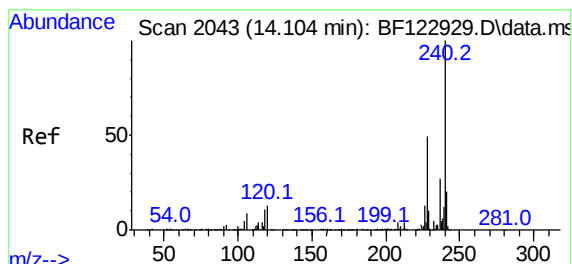
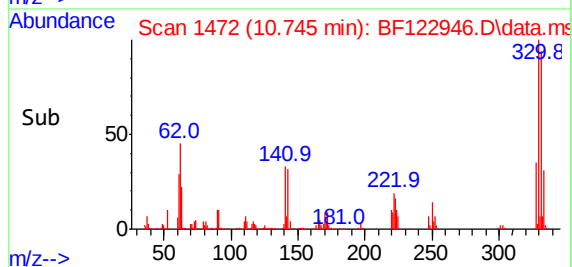
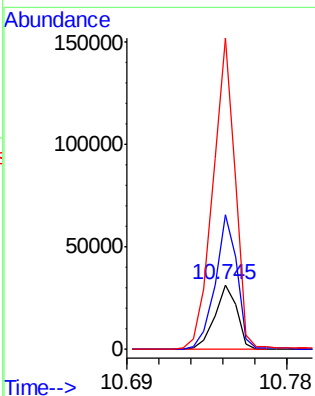
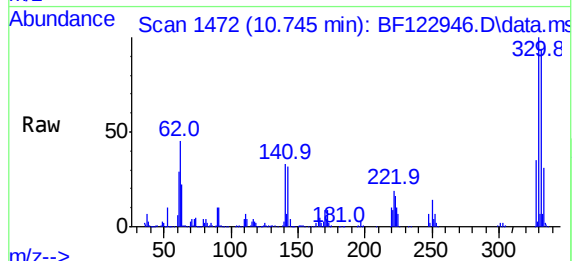




#67
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

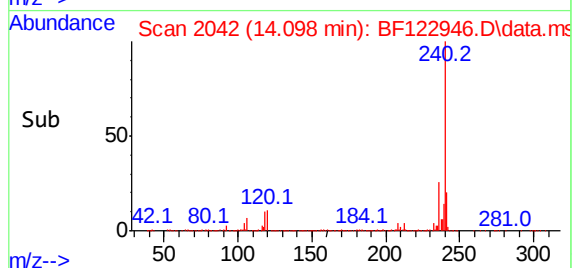
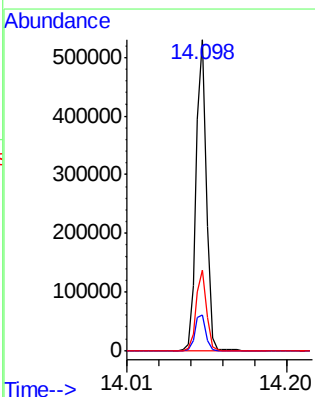
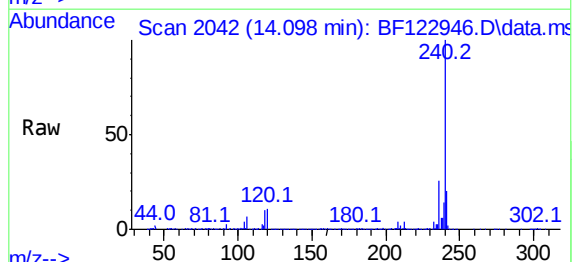
Instrument :
BNA_F
ClientSampleId :
TP-6

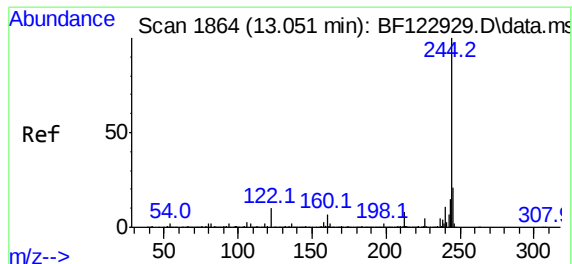
Tgt Ion:248 Resp: 27186
Ion Ratio Lower Upper
248 100
250 208.5 76.8 115.2#
141 484.8 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Tgt Ion:240 Resp: 454432
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 26.0 20.3 30.5

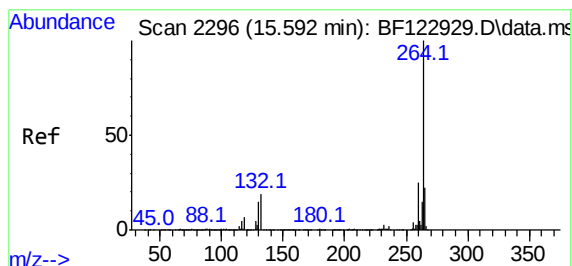
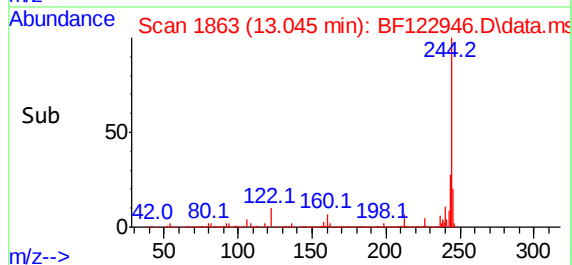
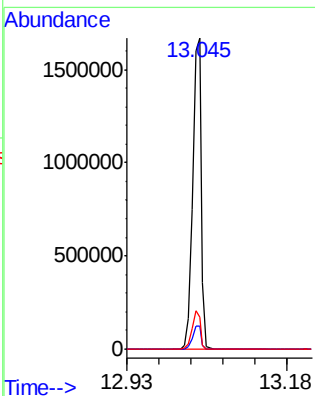
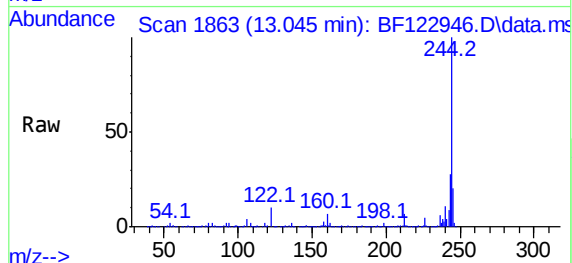




#79
Terphenyl-d14
Concen: 65.93 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:244 Resp: 1616960
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.4 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF122946.D
Acq: 8 Jan 2021 18:01

Tgt Ion:264 Resp: 501657
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 21.8 17.0 25.6

