

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF123003.D
 Acq On : 18 Jan 2021 23:41
 Operator : JU/CG
 Sample : M1141-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-354

Quant Time: Jan 19 01:34:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

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

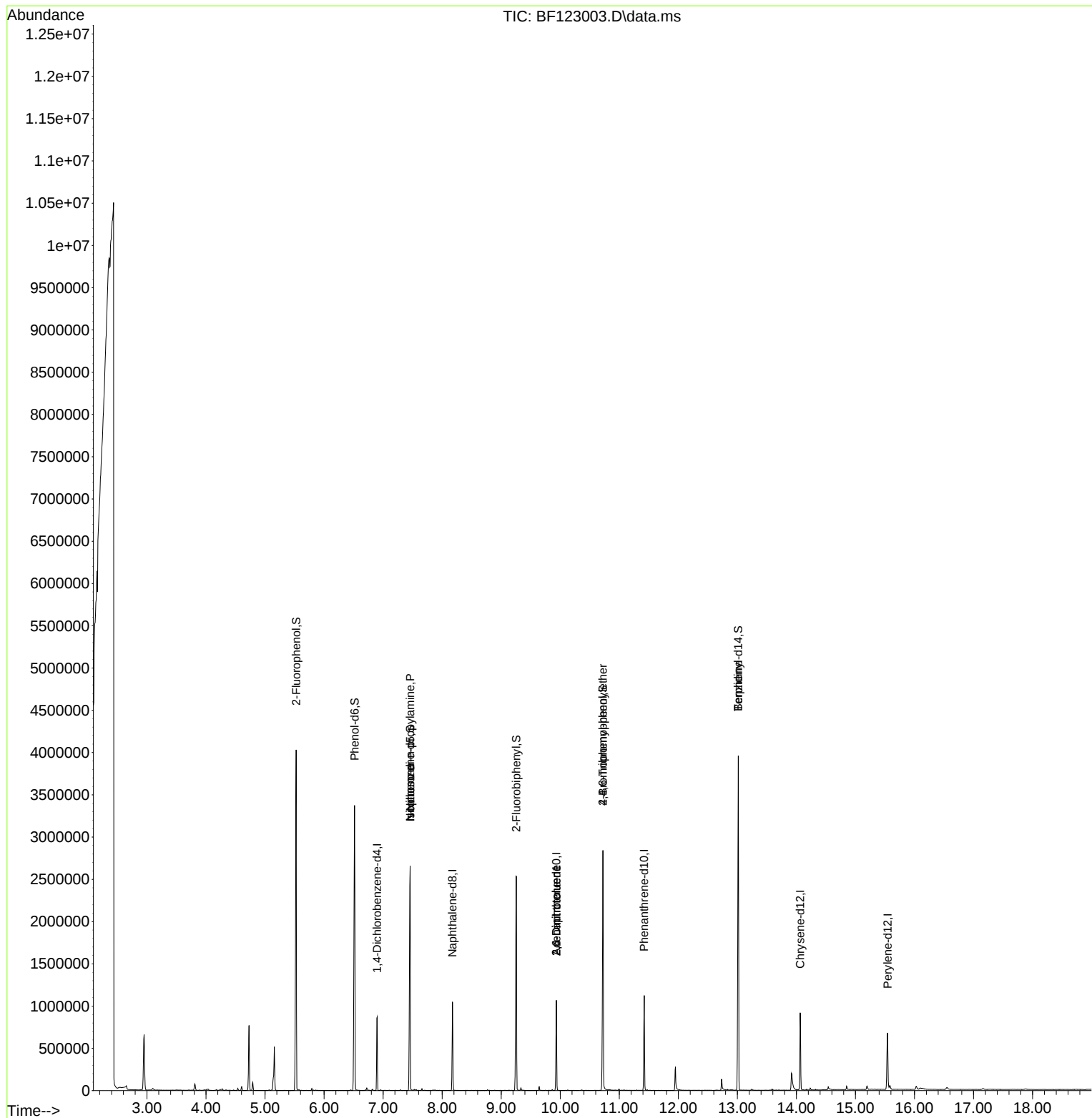
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	111527	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	409868	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	184947	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	354207	20.00	ng	# 0.00
76) Chrysene-d12	14.062	240	275867	20.00	ng	#-0.01
86) Perylene-d12	15.545	264	293005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	865118	117.25	ng	0.02
7) Phenol-d6	6.516	99	1070284	107.94	ng	0.00
23) Nitrobenzene-d5	7.457	82	853599	107.17	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	315690	150.94	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	815145	61.72	ng	0.00
79) Terphenyl-d14	13.015	244	1158803	77.02	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	330	Below Cal	#	29
19) n-Nitroso-di-n-propyla...	7.457	70	124105	21.13	ng	# 72
25) Isophorone	7.457	82	853590	60.07	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	23565	7.51	ng	# 33
57) 2,4-Dinitrotoluene	9.933	165	23565	5.83	ng	# 27
67) 4-Bromophenyl-phenylether	10.721	248	18621	4.30	ng	# 1
77) Benzidine	13.015	184	16295	2.23	ng	# 91

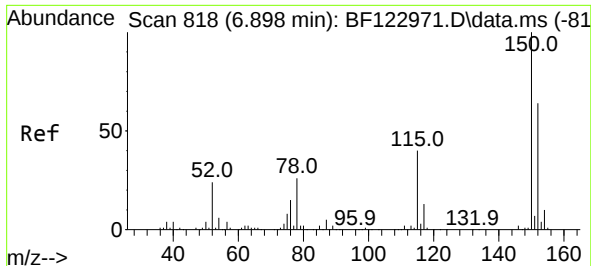
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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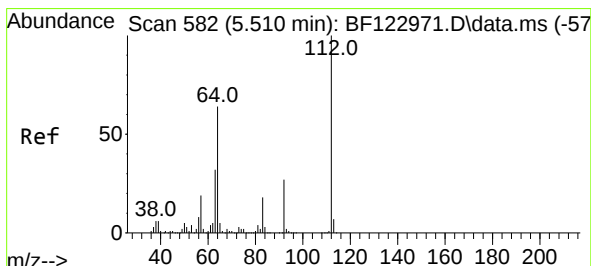
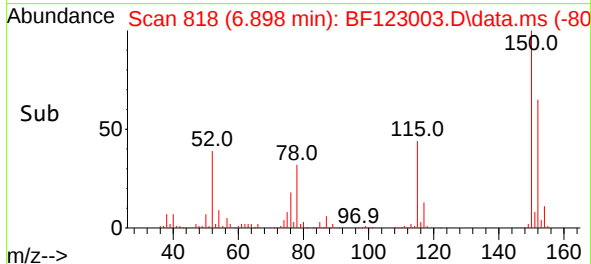
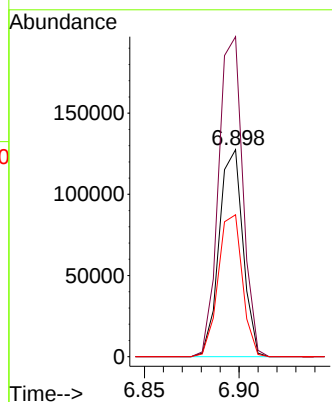
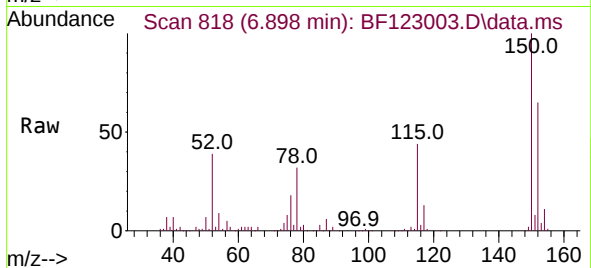




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

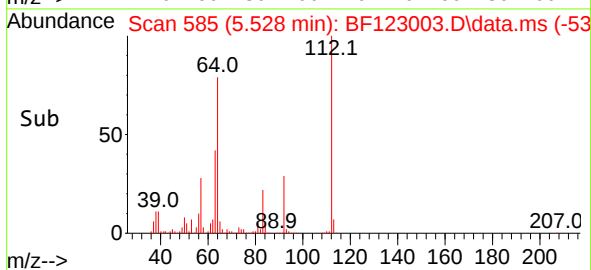
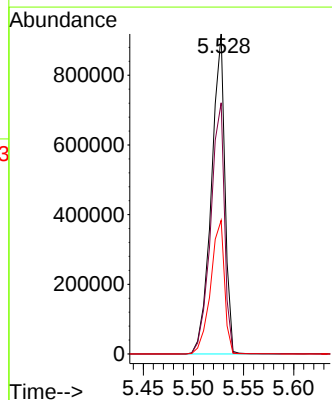
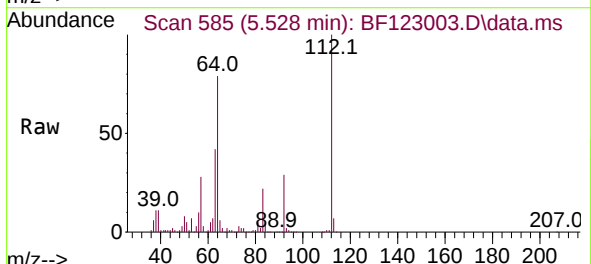
Instrument :
BNA_F
ClientSampleId :
ETGI-354

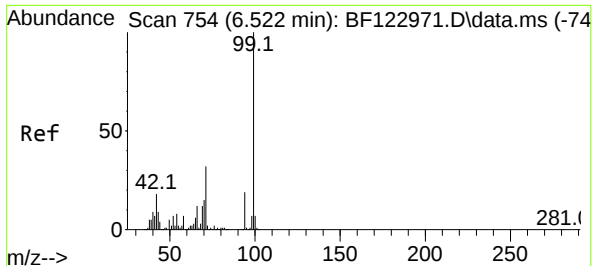
Tgt Ion:152 Resp: 111527
Ion Ratio Lower Upper
152 100
150 154.5 125.8 188.6
115 68.5 49.3 73.9



#5
2-Fluorophenol
Concen: 117.25 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

Tgt Ion:112 Resp: 865118
Ion Ratio Lower Upper
112 100
64 78.5 46.9 70.3#
63 41.8 24.5 36.7#

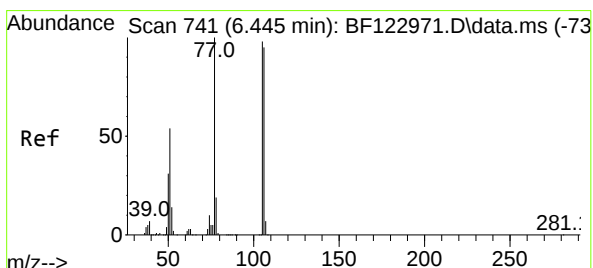
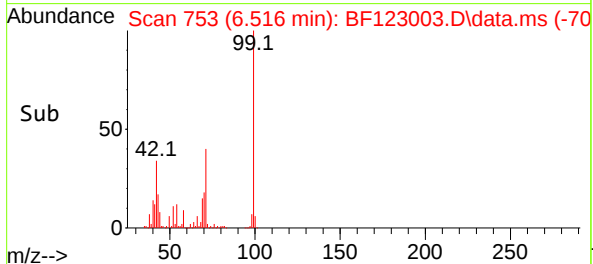
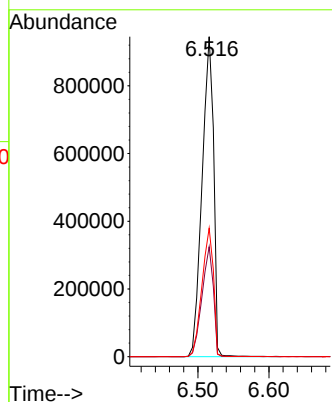
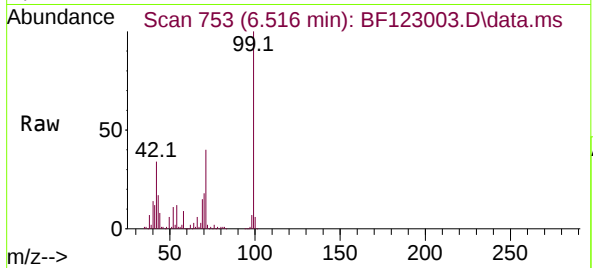




#7
Phenol-d6
Concen: 107.94 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

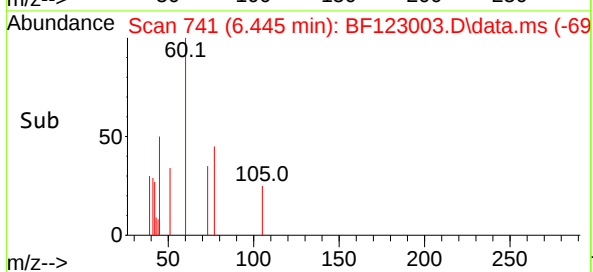
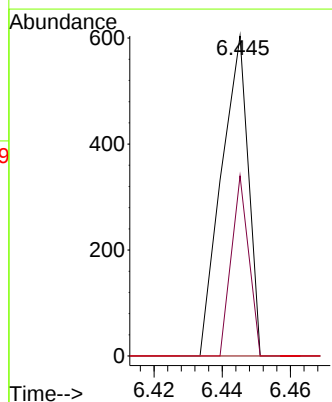
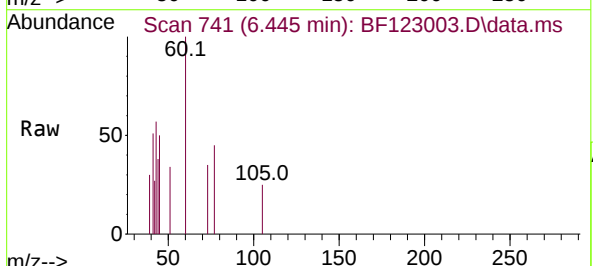
Instrument :
BNA_F
ClientSampleId :
ETGI-354

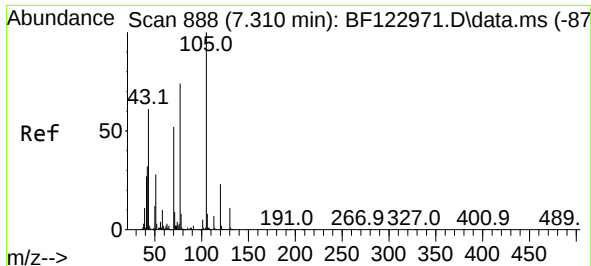
Tgt Ion: 99 Resp: 1070284
Ion Ratio Lower Upper
99 100
42 34.3 13.8 20.6#
71 40.1 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

Tgt Ion: 77 Resp: 330
Ion Ratio Lower Upper
77 100
105 56.3 80.6 120.6#
106 0.0 77.2 117.2#



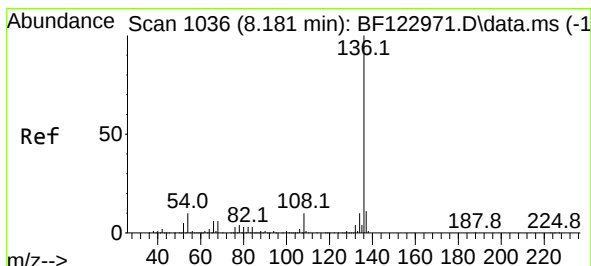
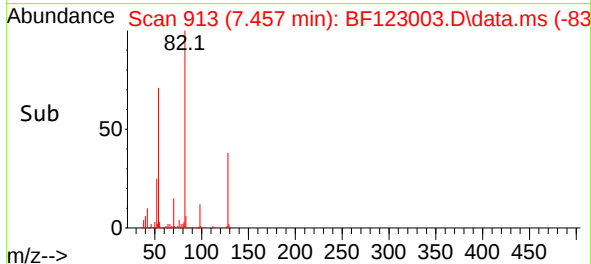
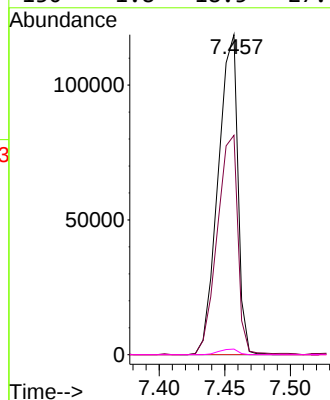
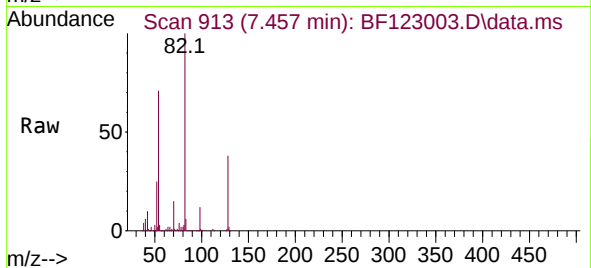


#19
n-Nitroso-di-n-propylamine
Concen: 21.13 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

Instrument :
BNA_F
ClientSampleId :
ETGI-354

Tgt Ion: 70 Resp: 124105

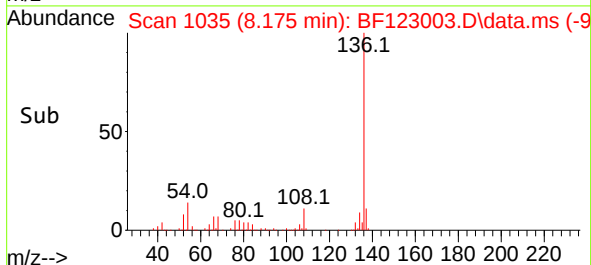
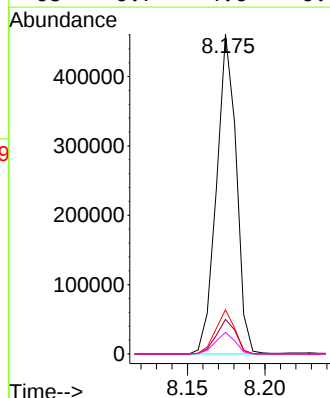
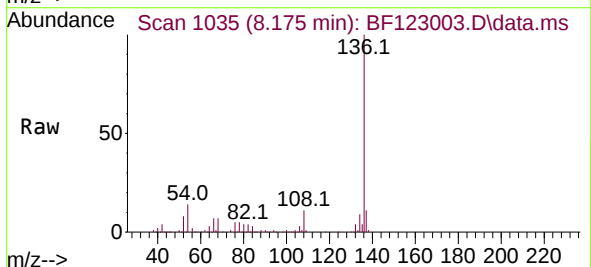
Ion	Ratio	Lower	Upper
70	100		
42	68.5	43.0	64.4#
101	0.0	7.9	11.9#
130	1.8	18.5	27.7#

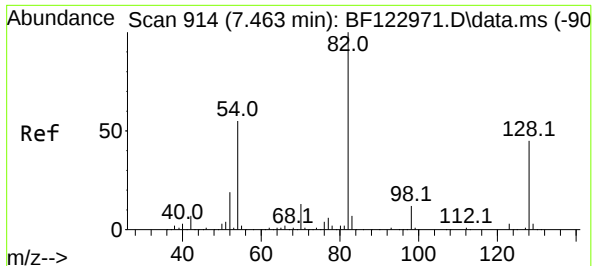


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

Tgt Ion: 136 Resp: 409868

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	13.8	5.5	8.3#
68	6.7	4.6	6.8

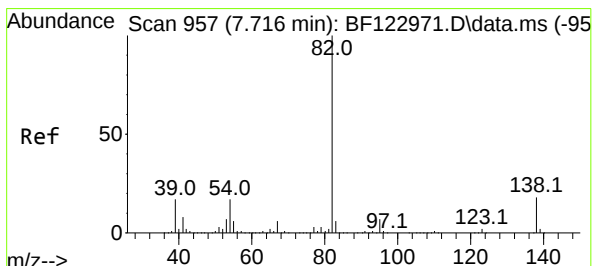
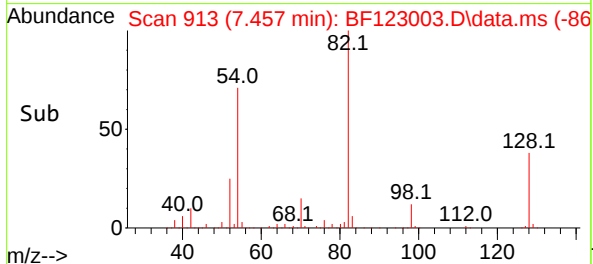
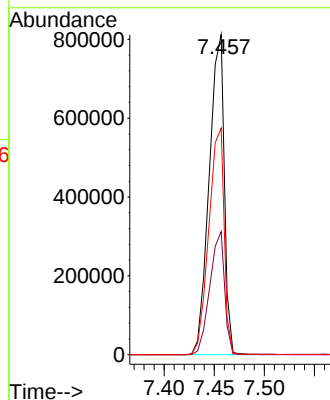
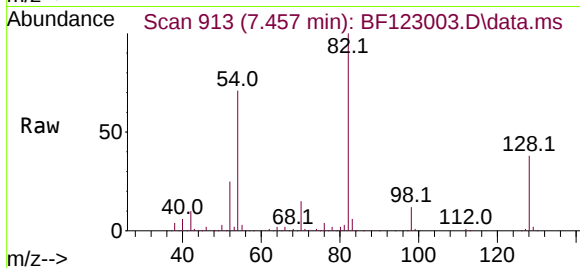




#23
Nitrobenzene-d5
Concen: 107.17 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

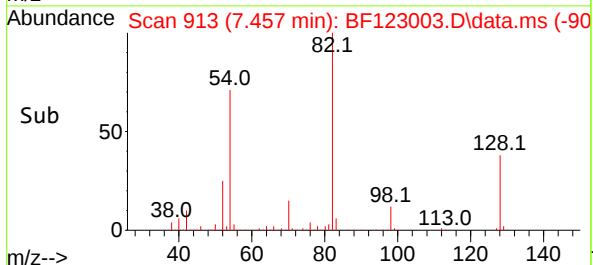
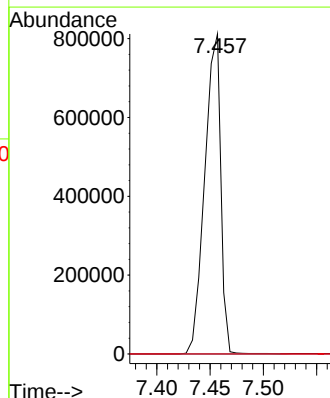
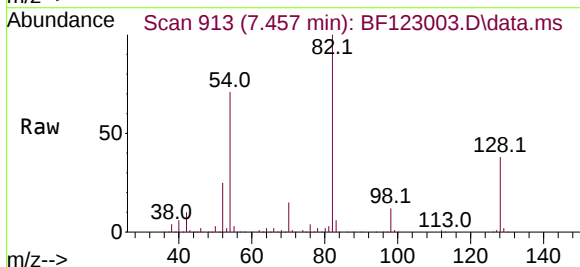
Instrument :
BNA_F
ClientSampleId :
ETGI-354

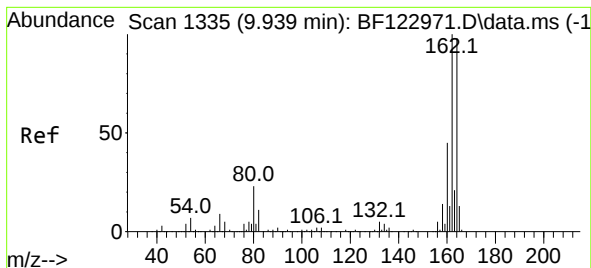
Tgt Ion: 82 Resp: 853599
Ion Ratio Lower Upper
82 100
128 38.4 37.0 55.4
54 70.7 38.4 57.6#



#25
Isophorone
Concen: 60.07 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

Tgt Ion: 82 Resp: 853590
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: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF123003.D

Acq: 18 Jan 2021 23:41

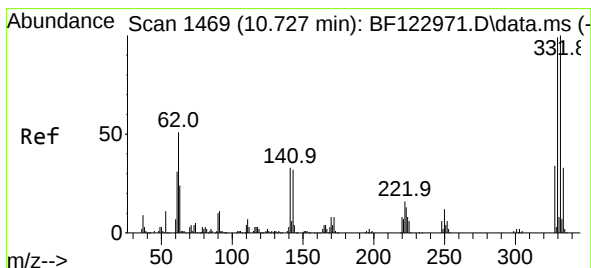
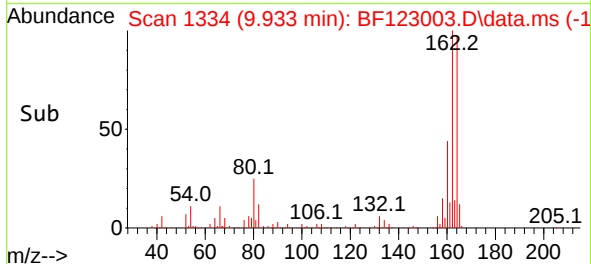
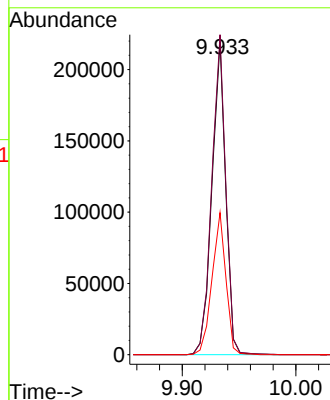
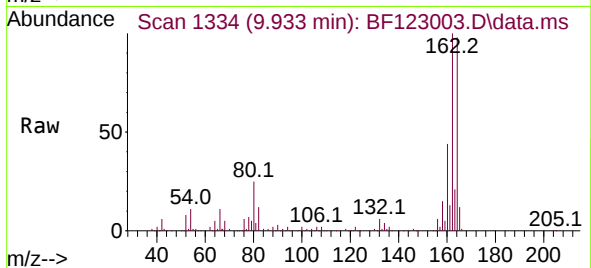
Tgt Ion:	164	Resp:	184947
Ion Ratio	Lower	Upper	
164	100		
162	102.2	80.8	121.2
160	45.4	35.4	53.0

Instrument :

BNA_F

ClientSampleId :

ETGI-354



#42

2,4,6-Tribromophenol

Concen: 150.94 ng

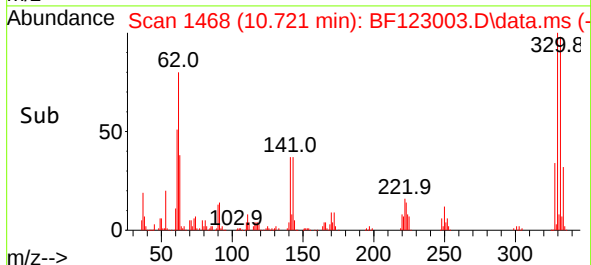
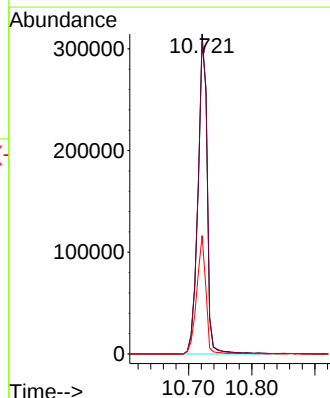
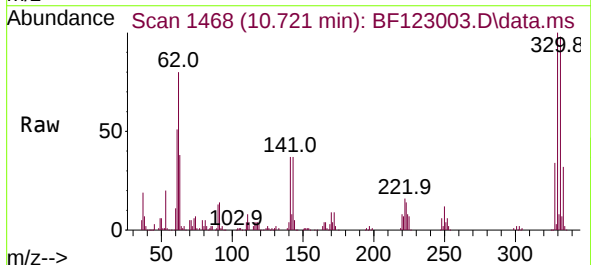
RT: 10.721 min Scan# 1468

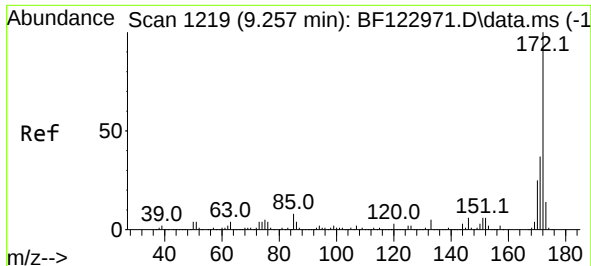
Delta R.T. -0.006 min

Lab File: BF123003.D

Acq: 18 Jan 2021 23:41

Tgt Ion:	330	Resp:	315690
Ion Ratio	Lower	Upper	
330	100		
332	99.5	77.5	116.3
141	37.0	23.8	35.8

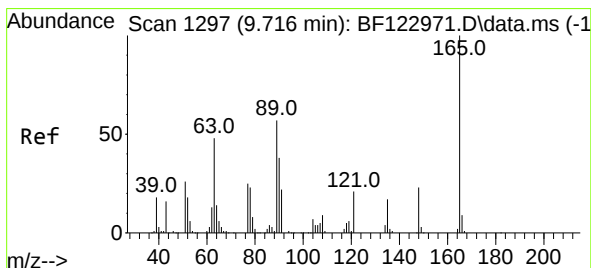
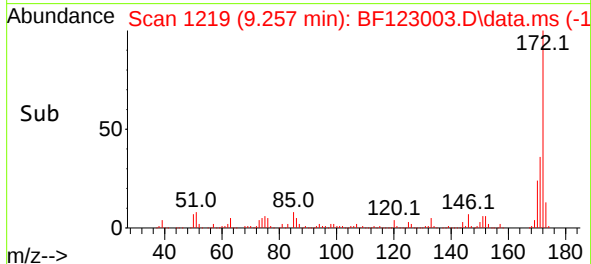
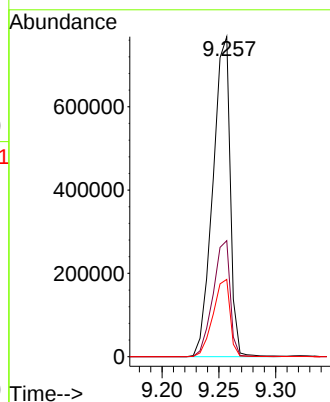
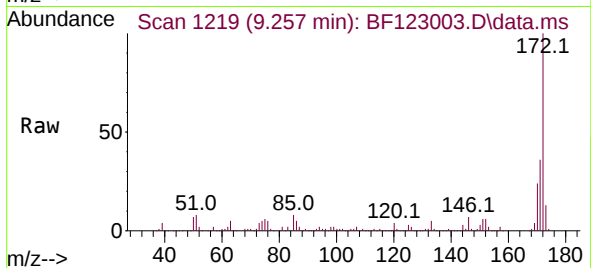




#45
2-Fluorobiphenyl
Concen: 61.72 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

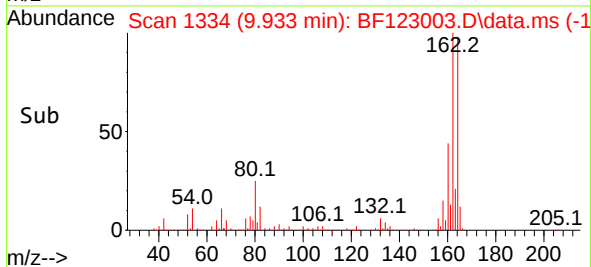
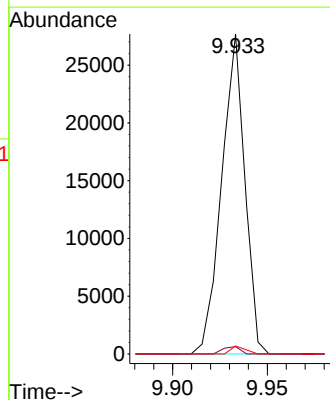
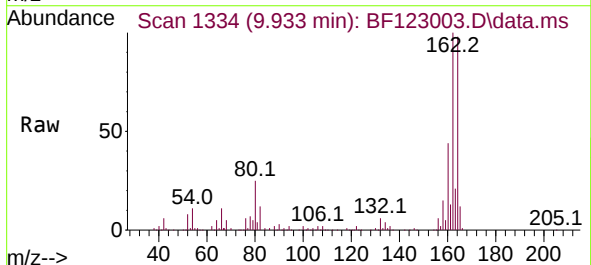
Instrument :
BNA_F
ClientSampled :
ETGI-354

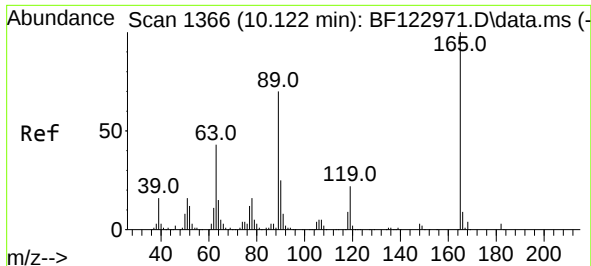
Tgt Ion:172 Resp: 815145
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.2 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.217 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

Tgt Ion:165 Resp: 23565
Ion Ratio Lower Upper
165 100
63 2.3 36.6 55.0#
89 2.5 39.4 59.0#

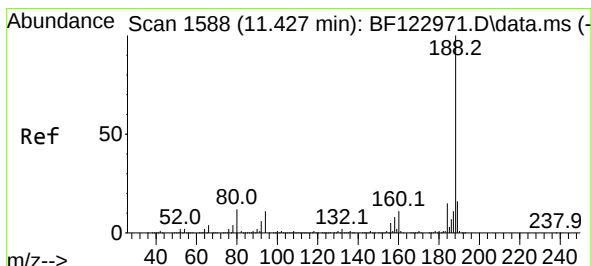
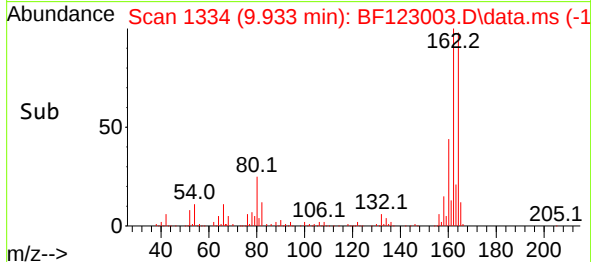
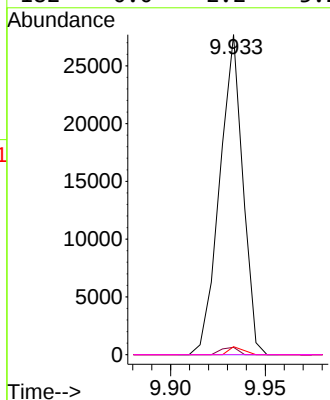
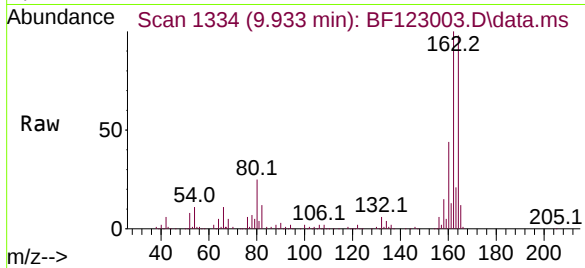




#57
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

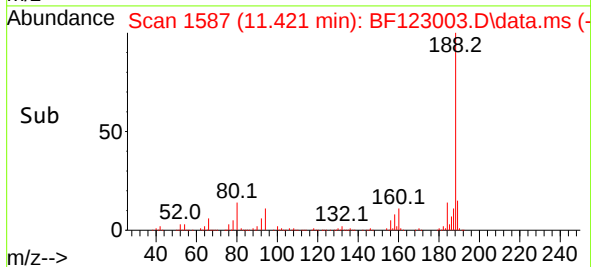
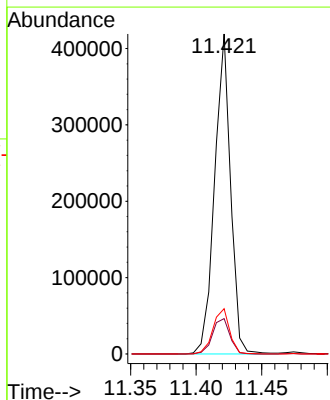
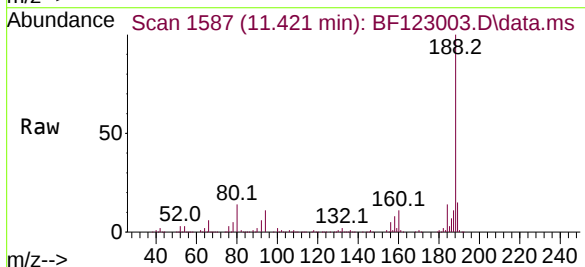
Instrument :
BNA_F
ClientSampled :
ETGI-354

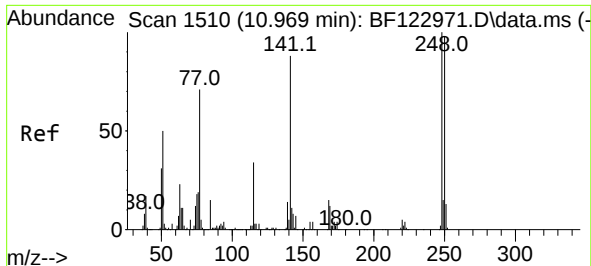
Tgt Ion:	165	Resp:	23565
Ion Ratio	Lower	Upper	
165	100		
63	2.3	34.3	51.5#
89	2.5	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

Tgt Ion:	188	Resp:	354207
Ion Ratio	Lower	Upper	
188	100		
94	11.0	7.4	11.2
80	14.2	8.2	12.4#

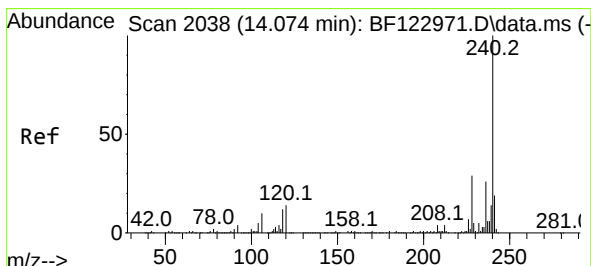
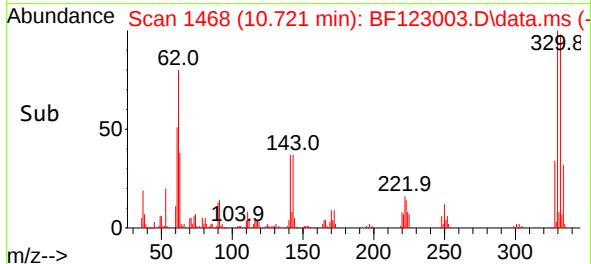
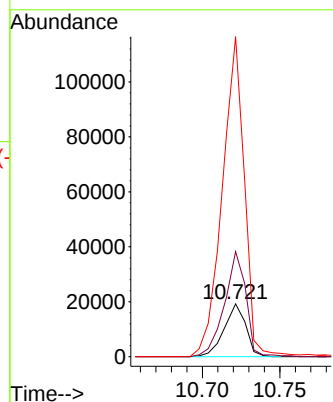
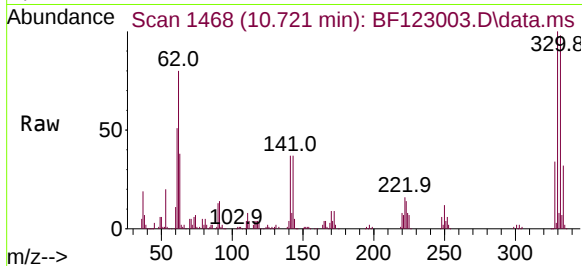




#67
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

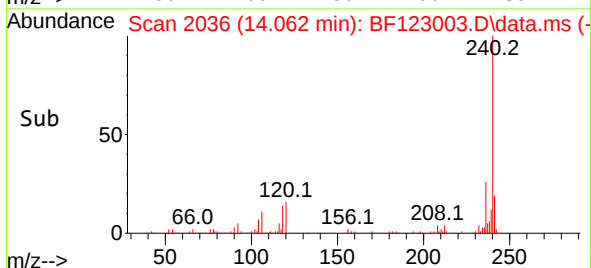
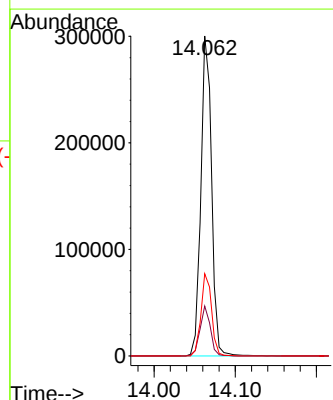
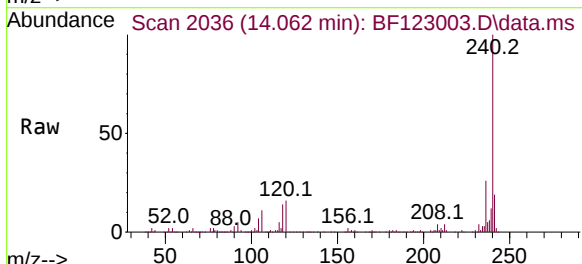
Instrument :
BNA_F
ClientSampled :
ETGI-354

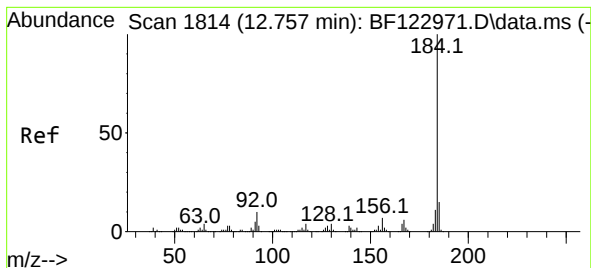
Tgt Ion:248 Resp: 18621
Ion Ratio Lower Upper
248 100
250 199.3 76.8 115.2#
141 606.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123003.D
Acq: 18 Jan 2021 23:41

Tgt Ion:240 Resp: 275867
Ion Ratio Lower Upper
240 100
120 15.6 8.6 12.8#
236 25.7 20.3 30.5





#77

Benzidine

Concen: 2.23 ng

RT: 13.015 min Scan# 1858

Delta R.T. 0.259 min

Lab File: BF123003.D

Acq: 18 Jan 2021 23:41

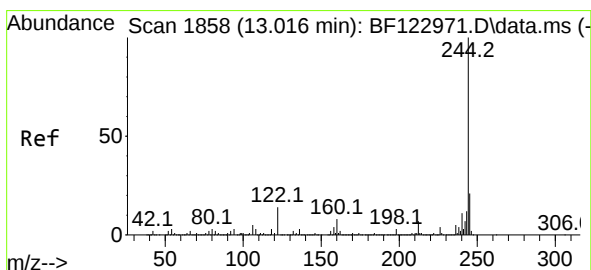
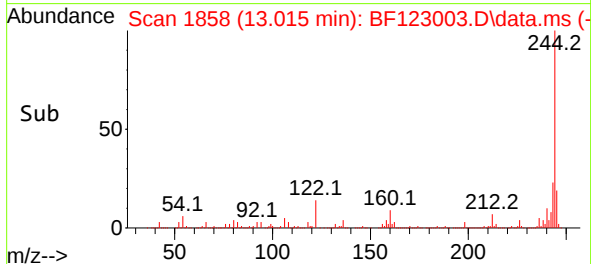
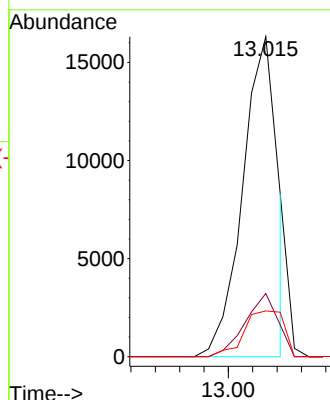
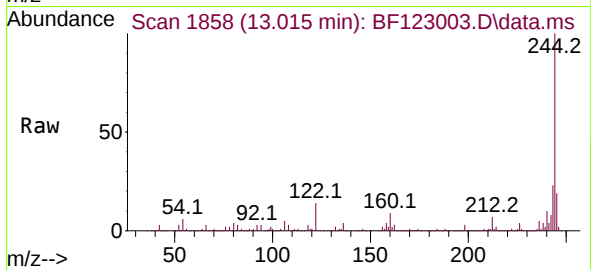
Tgt Ion:184	Resp:	16295
Ion Ratio	Lower	Upper
184	100	
185	19.8	11.8 17.6#
183	14.3	9.7 14.5

Instrument :

BNA_F

ClientSampled :

ETGI-354



#79

Terphenyl-d14

Concen: 77.02 ng

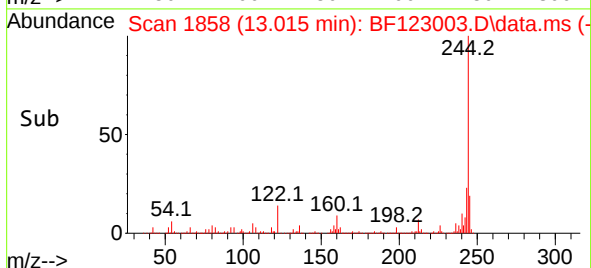
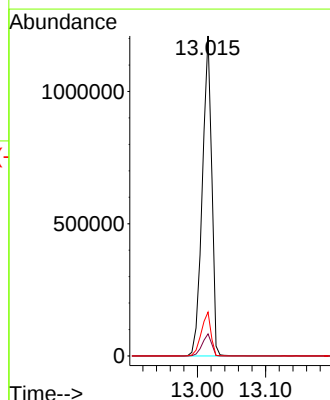
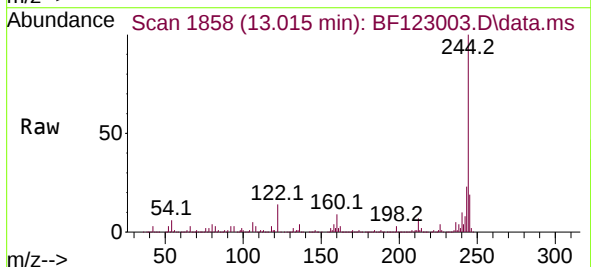
RT: 13.015 min Scan# 1858

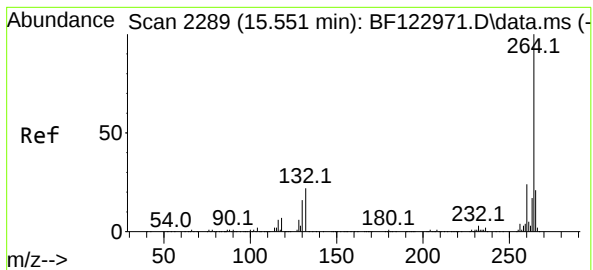
Delta R.T. -0.001 min

Lab File: BF123003.D

Acq: 18 Jan 2021 23:41

Tgt Ion:244	Resp:	1158803
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.7 8.5
122	13.7	8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF123003.D
 Acq: 18 Jan 2021 23:41

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-354

Tgt Ion:	264	Resp:	293005
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	21.5	17.0	25.6

