

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
 Data File : BF124584.D
 Acq On : 15 Jul 2021 22:00
 Operator : JU/CG
 Sample : M3022-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-363

Quant Time: Jul 16 02:52:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

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

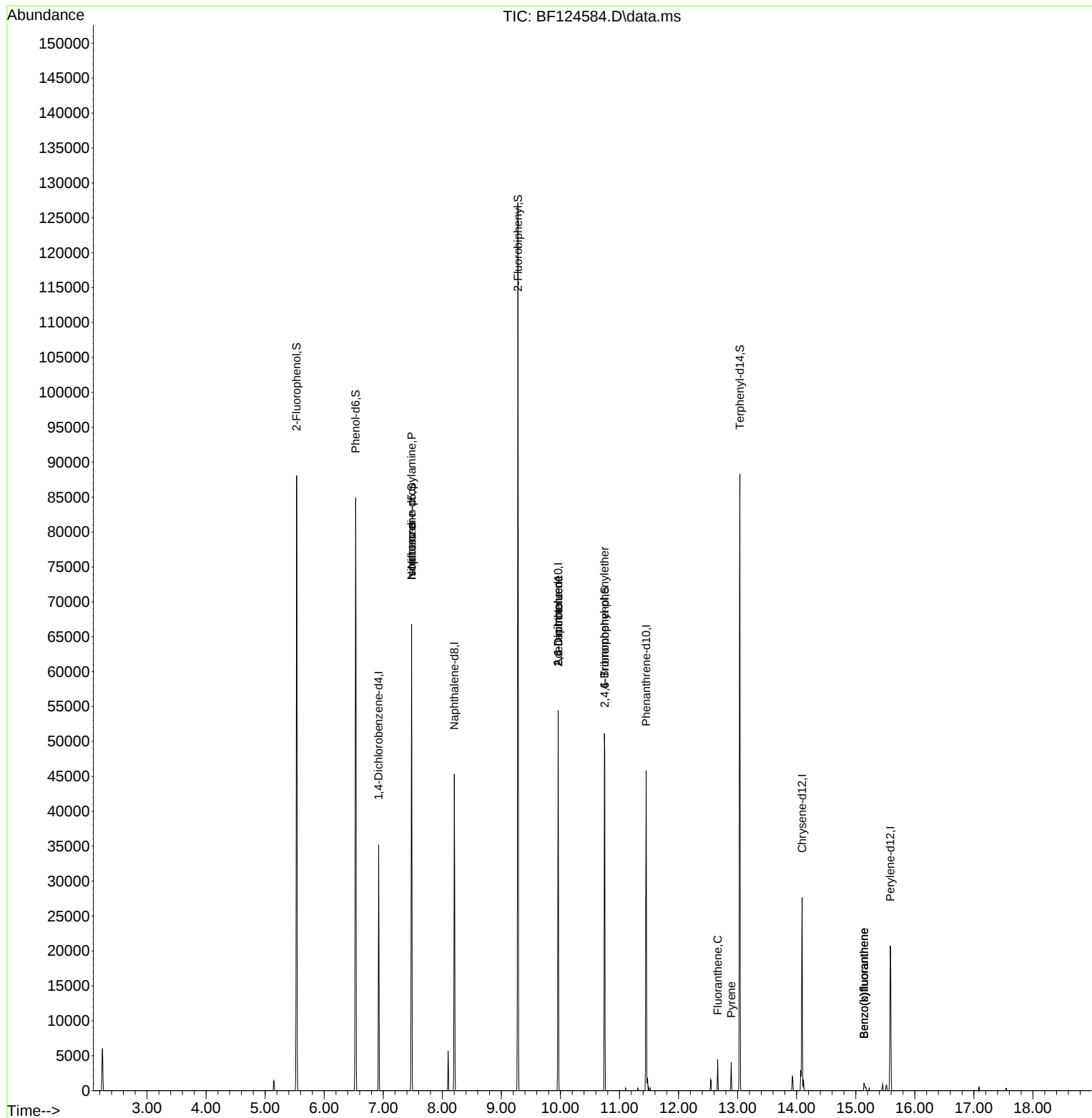
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	5034	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	19677	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	10770	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	16635	20.00	ng	# 0.00
76) Chrysene-d12	14.092	240	10388	20.00	ng	0.00
86) Perylene-d12	15.586	264	10843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	23409	80.57	ng	0.00
7) Phenol-d6	6.534	99	26710	75.57	ng	-0.01
23) Nitrobenzene-d5	7.481	82	16910	54.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	5170	61.69	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	37870	51.28	ng	0.00
79) Terphenyl-d14	13.039	244	28500	46.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	2081	10.47	ng	# 86
25) Isophorone	7.481	82	16909	29.55	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	1221	8.27	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1221	6.04	ng	# 18
67) 4-Bromophenyl-phenylether	10.745	248	402	2.34	ng	# 1
75) Fluoranthene	12.663	202	2084	2.28	ng	86
78) Pyrene	12.892	202	1953	2.26	ng	# 89
88) Benzo(b)fluoranthene	15.139	252	1906	2.45	ng	# 60
89) Benzo(k)fluoranthene	15.139	252	1906	2.67	ng	# 60

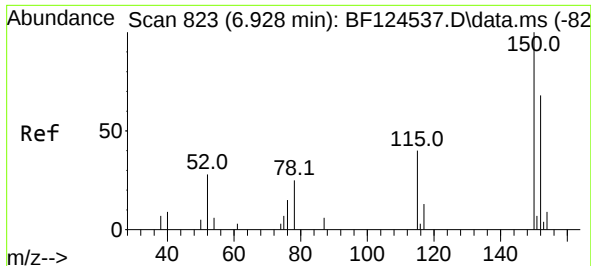
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
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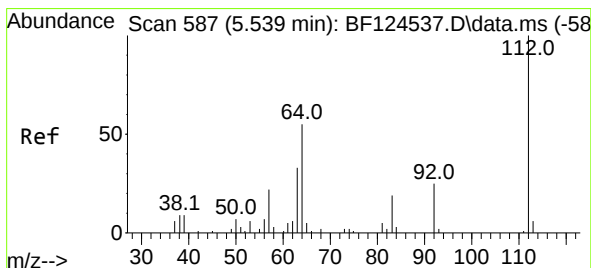
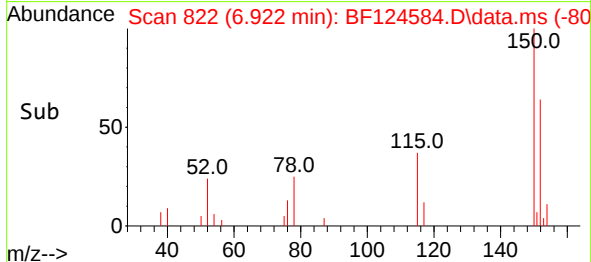
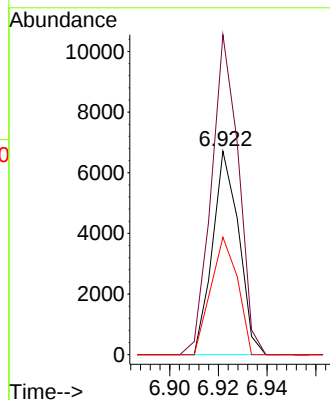
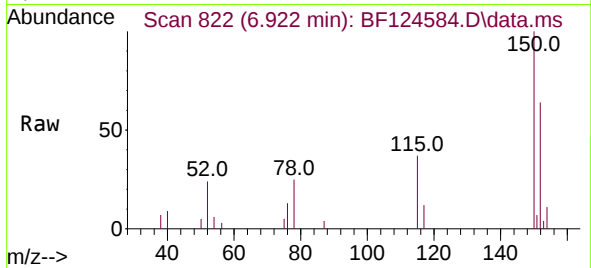




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

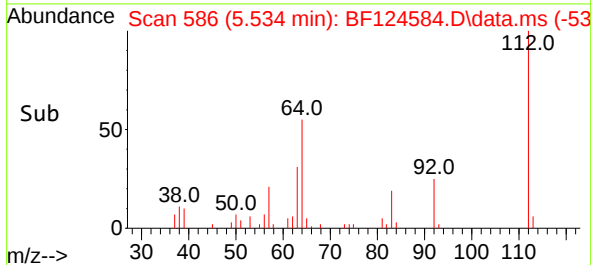
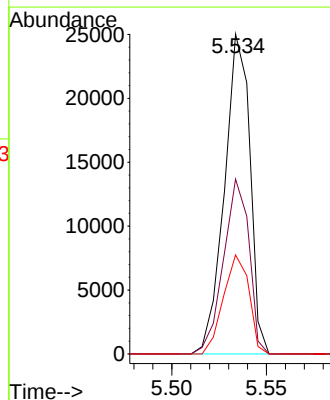
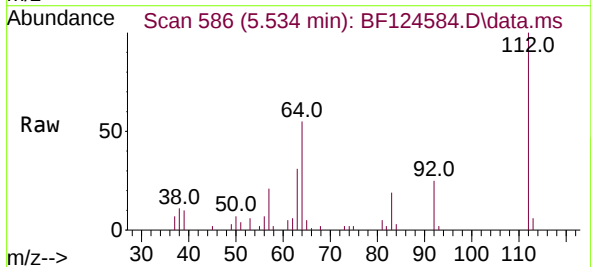
Instrument :
BNA_F
ClientSampled :
ETGI-363

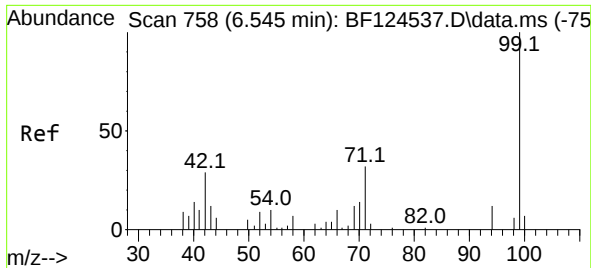
Tgt Ion:152 Resp: 5034
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 57.7 47.1 70.7



#5
2-Fluorophenol
Concen: 80.57 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.005 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

Tgt Ion:112 Resp: 23409
Ion Ratio Lower Upper
112 100
64 54.7 44.2 66.2
63 31.0 26.2 39.2

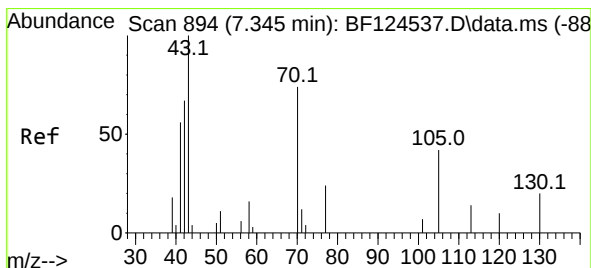
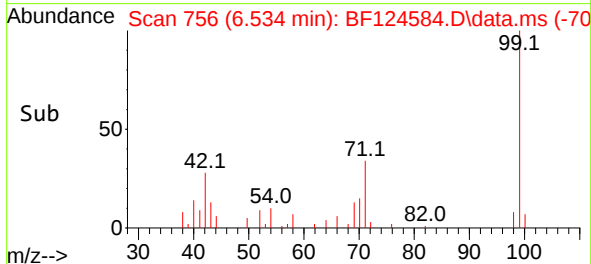
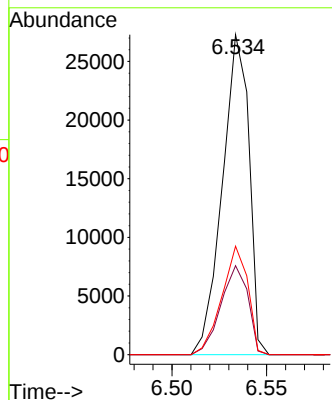
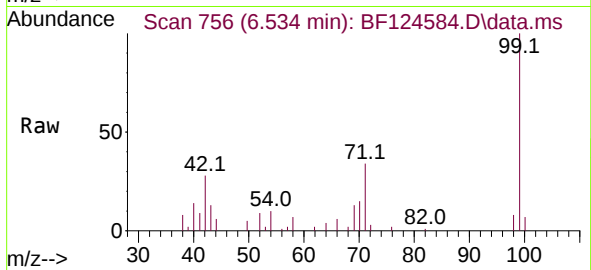




#7
Phenol-d6
Concen: 75.57 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.011 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

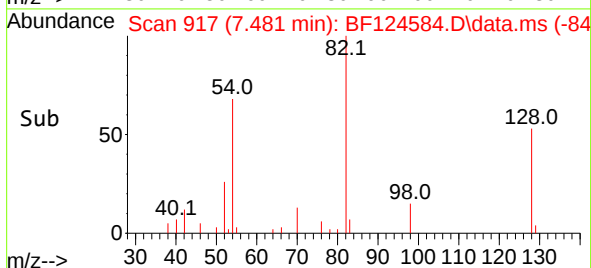
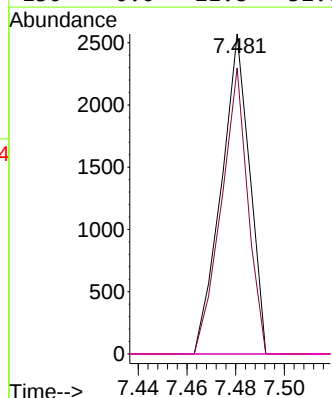
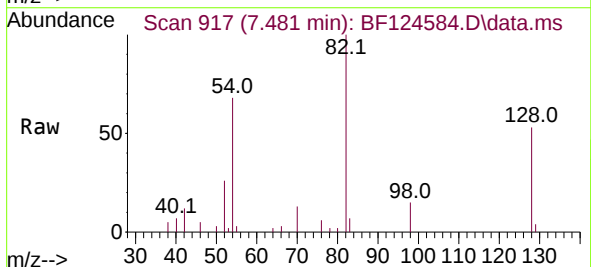
Instrument :
BNA_F
ClientSampled :
ETGI-363

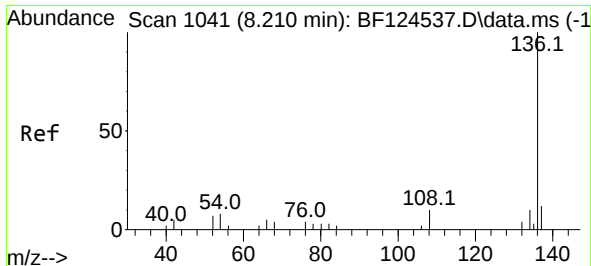
Tgt Ion: 99 Resp: 26710
Ion Ratio Lower Upper
99 100
42 27.8 23.5 35.3
71 33.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.47 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.135 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

Tgt Ion: 70 Resp: 2081
Ion Ratio Lower Upper
70 100
42 89.4 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

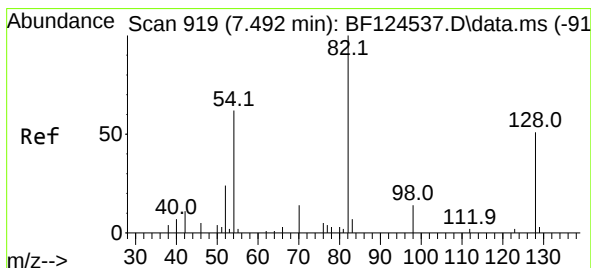
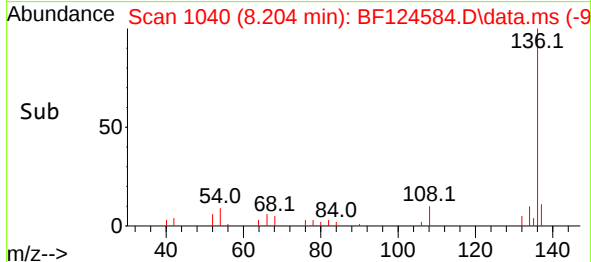
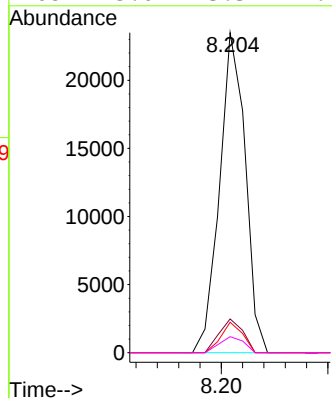
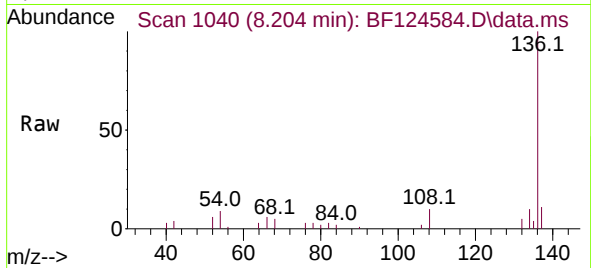




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

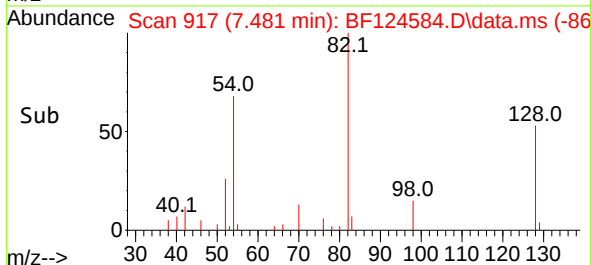
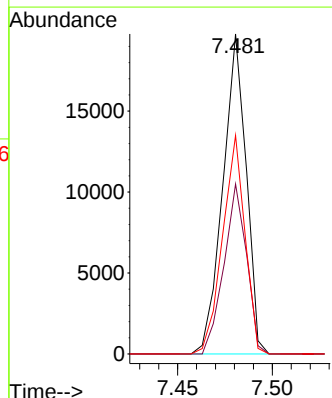
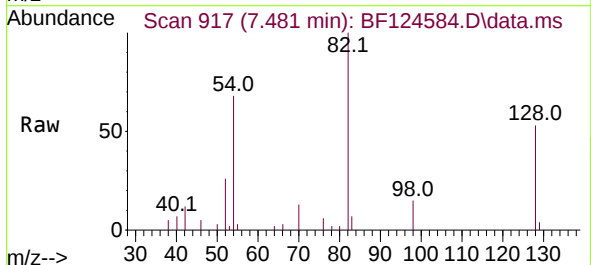
Instrument :
BNA_F
ClientSampled :
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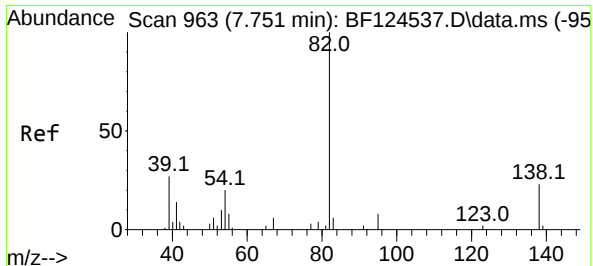
Tgt Ion:	136	Resp:	19677
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.6
54	9.5	6.4	9.6
68	5.0	3.3	4.9



#23
Nitrobenzene-d5
Concen: 54.25 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.011 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

Tgt Ion:	82	Resp:	16910
Ion Ratio	Lower	Upper	
82	100		
128	53.1	40.6	60.8
54	68.3	49.6	74.4

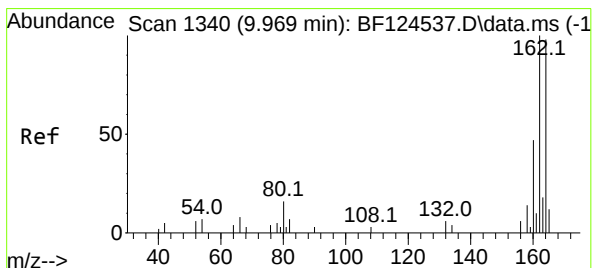
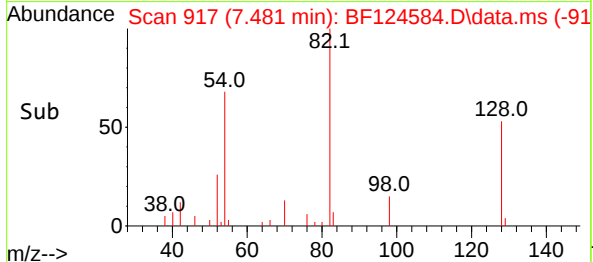
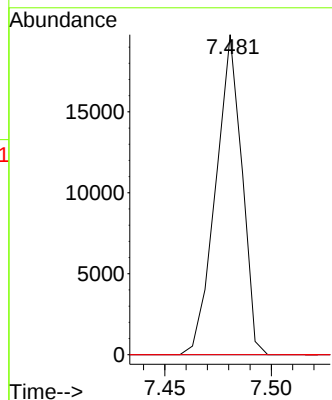
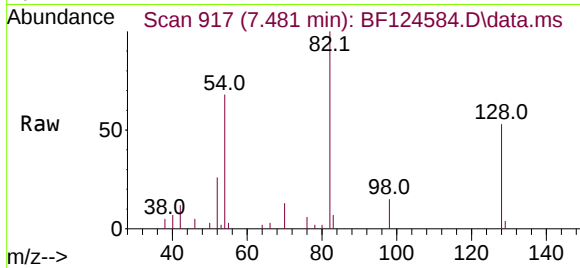




#25
Isophorone
Concen: 29.55 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.270 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

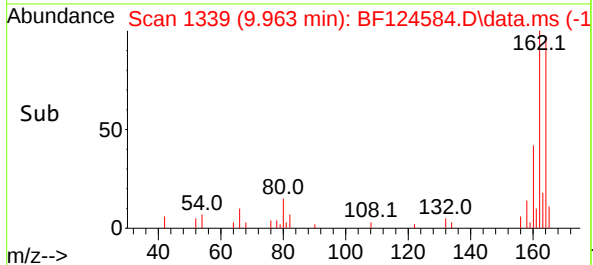
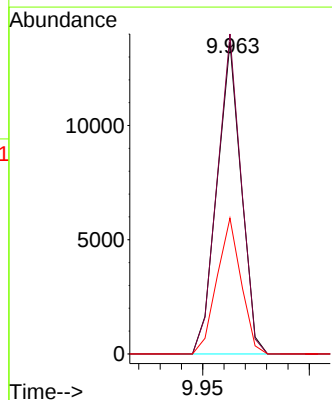
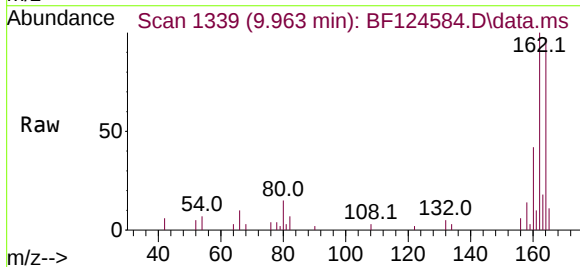
Instrument :
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ClientSampleId :
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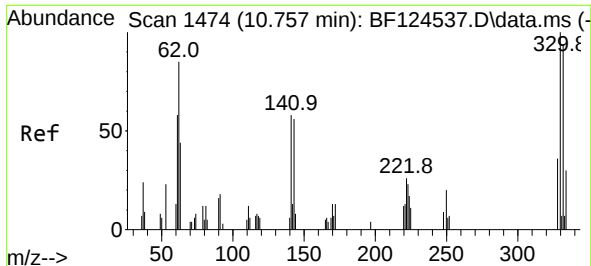
Tgt Ion: 82 Resp: 16909
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

Tgt Ion: 164 Resp: 10770
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 43.6 38.0 57.0

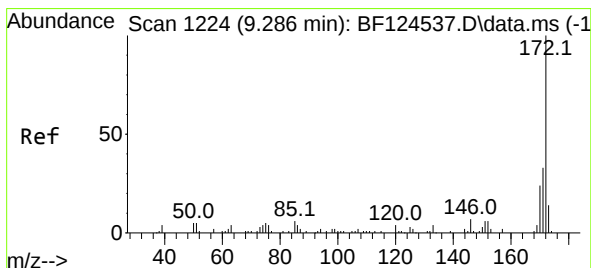
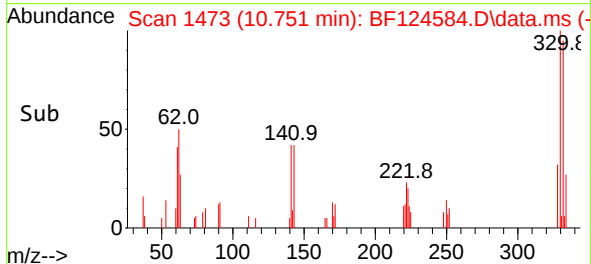
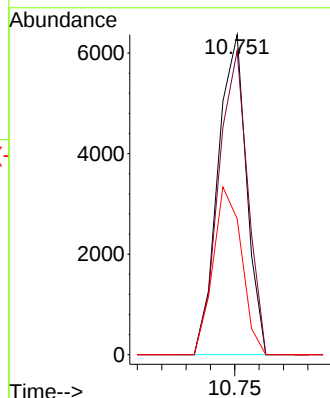
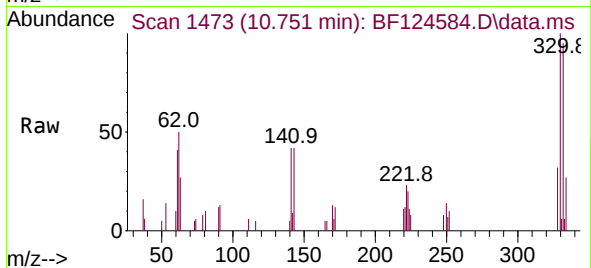




#42
2,4,6-Tribromophenol
Concen: 61.69 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

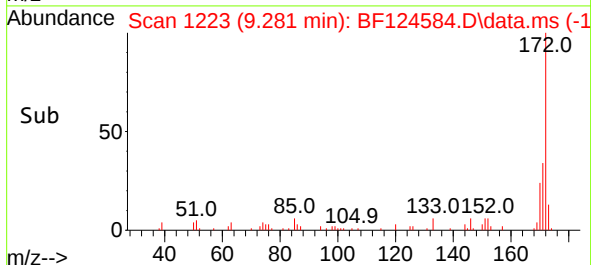
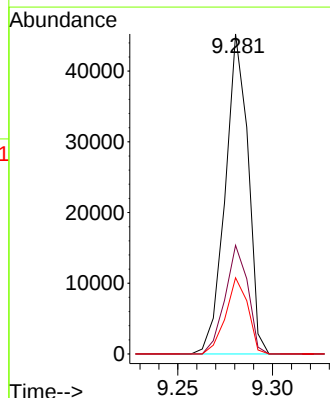
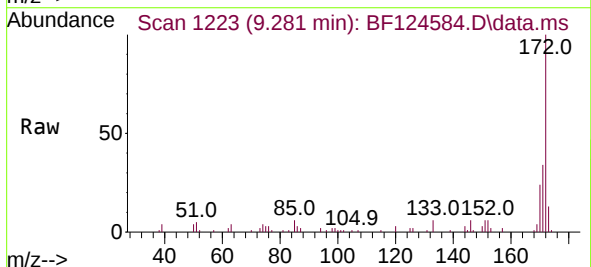
Instrument :
BNA_F
ClientSampled :
ETGI-363

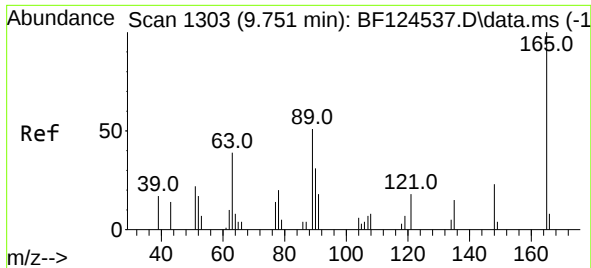
Tgt Ion: 330 Resp: 5170
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 52.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 51.28 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.005 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

Tgt Ion: 172 Resp: 37870
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 23.8 18.8 28.2

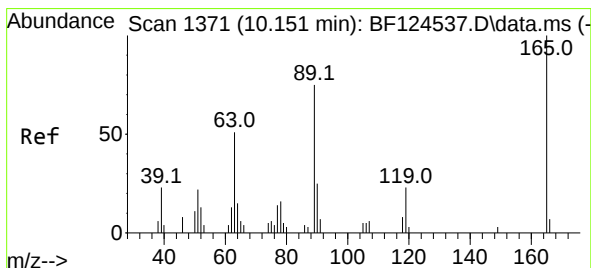
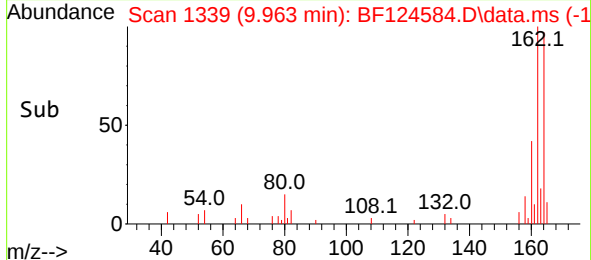
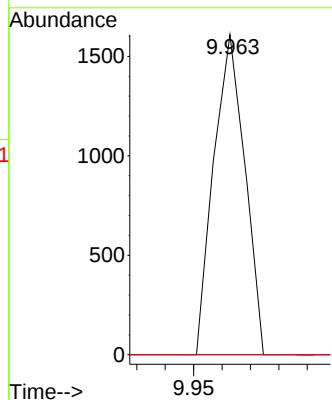
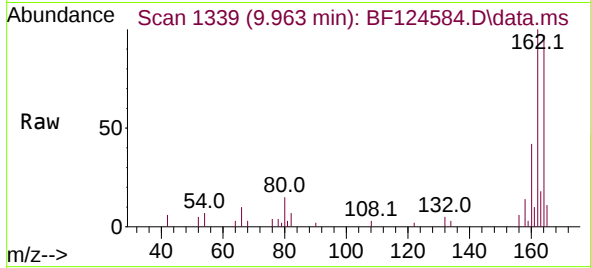




#51
2,6-Dinitrotoluene
Concen: 8.27 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

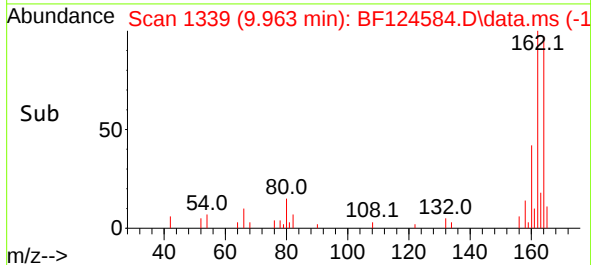
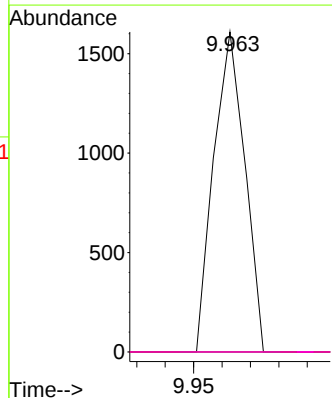
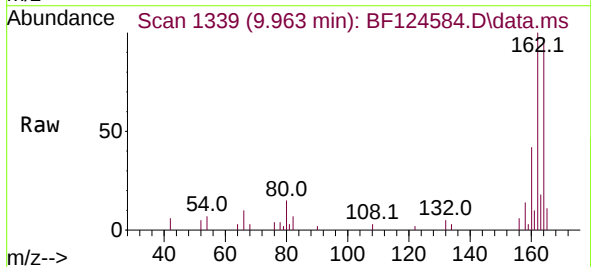
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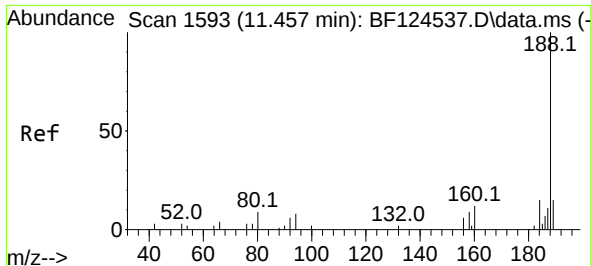
Tgt Ion:165 Resp: 1221
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

Tgt Ion:165 Resp: 1221
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

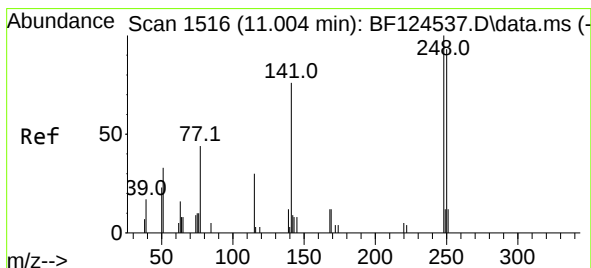
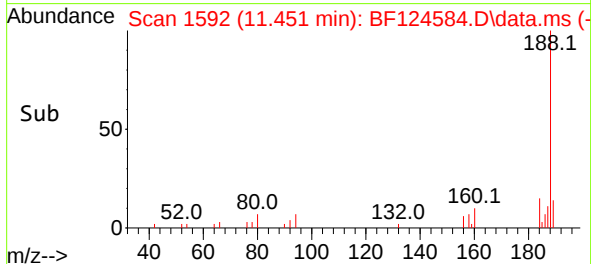
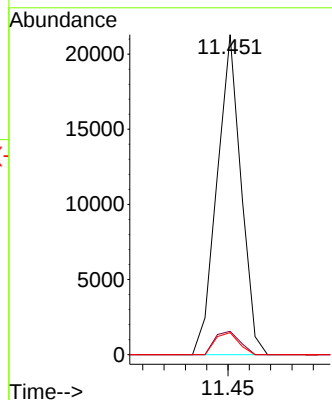
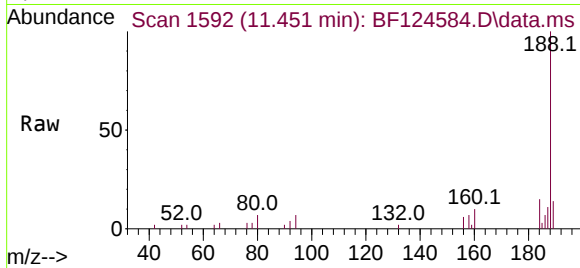




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

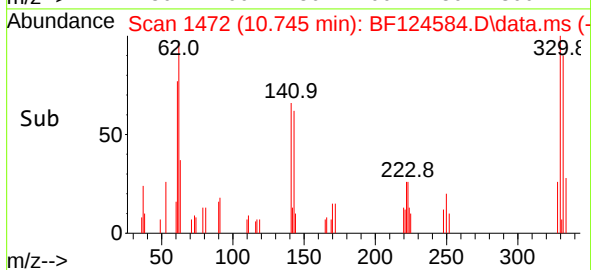
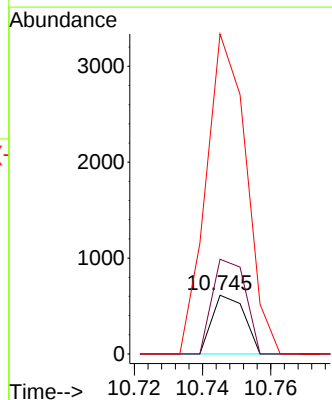
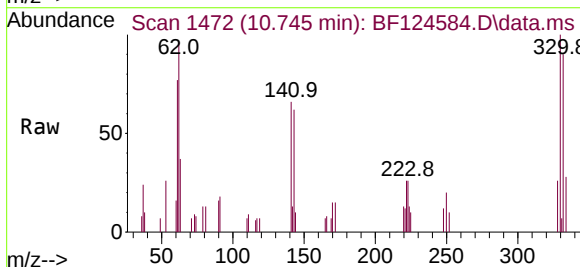
Instrument :
BNA_F
ClientSampleId :
ETGI-363

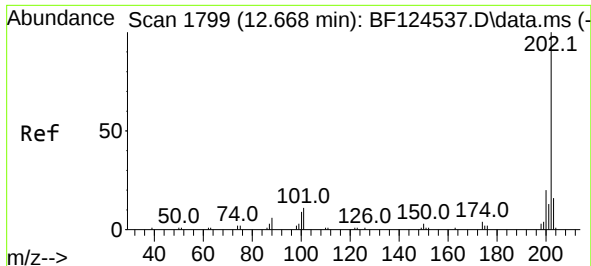
Tgt Ion:188 Resp: 16635
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 6.9 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.34 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.259 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

Tgt Ion:248 Resp: 402
Ion Ratio Lower Upper
248 100
250 161.2 74.2 111.4#
141 544.4 60.4 90.6#

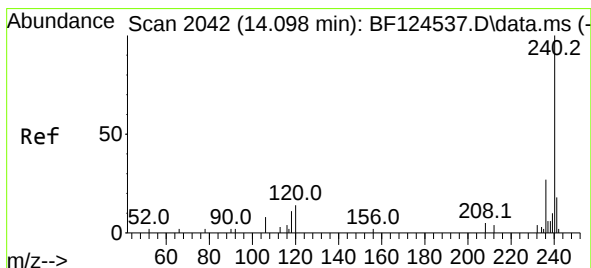
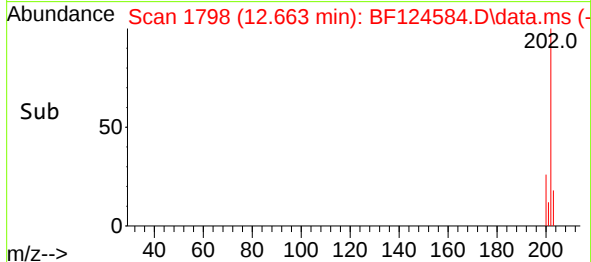
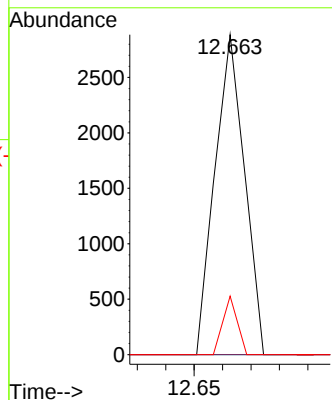
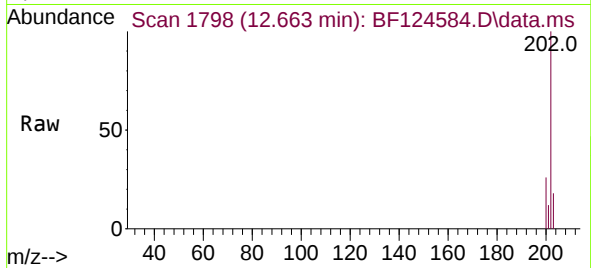




#75
Fluoranthene
Concen: 2.28 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

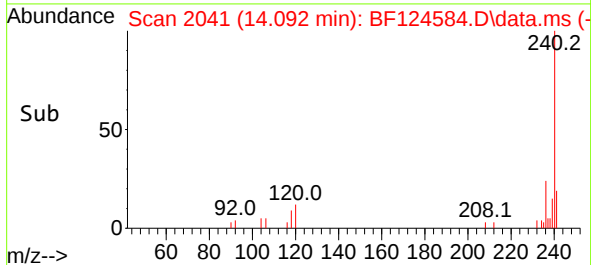
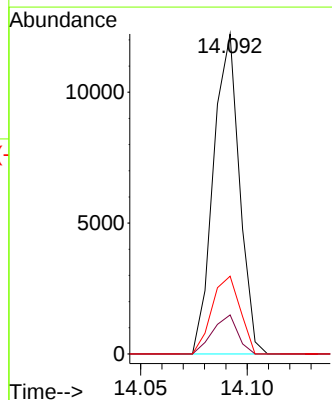
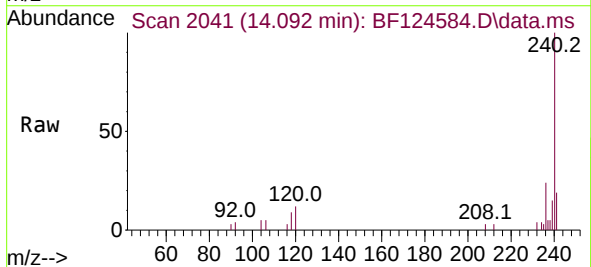
Instrument :
BNA_F
ClientSampleId :
ETGI-363

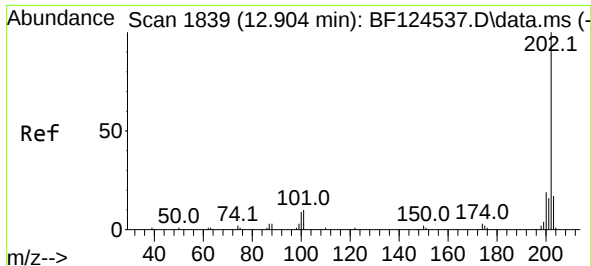
Tgt Ion:202	Resp:	2084
Ion Ratio	Lower	Upper
202	100	
101	0.0	30.7
203	18.3	36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

Tgt Ion:240	Resp:	10388
Ion Ratio	Lower	Upper
240	100	
120	12.2	16.2
236	24.3	32.4

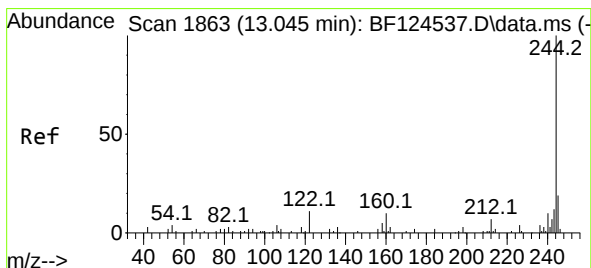
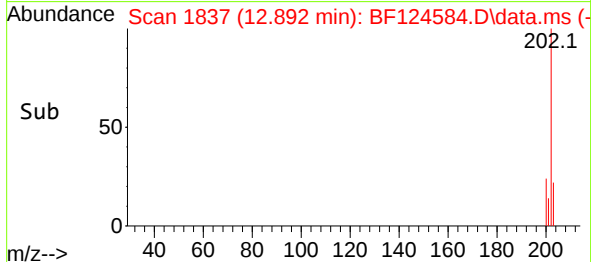
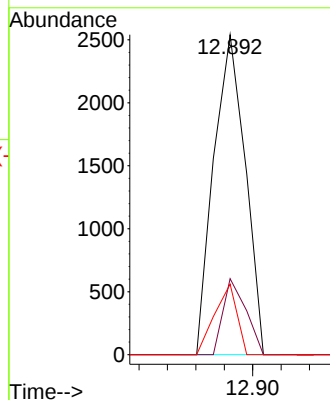
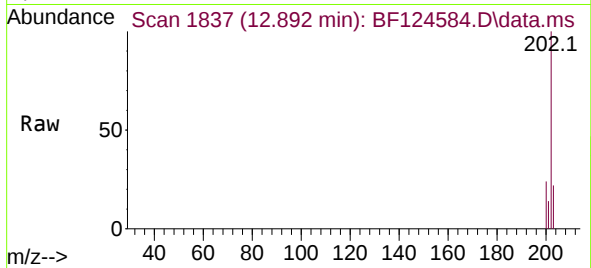




#78
Pyrene
Concen: 2.26 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

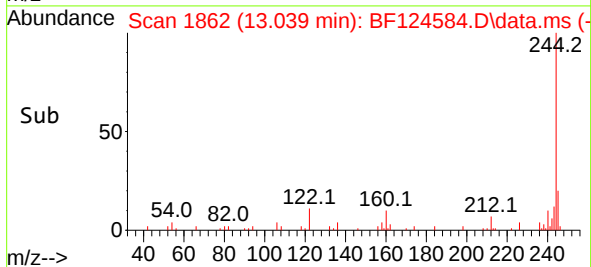
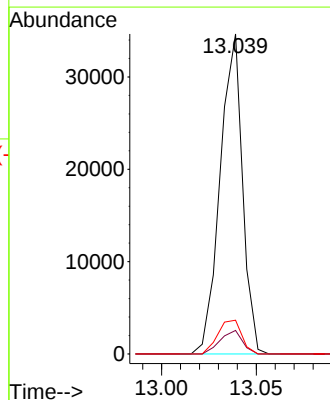
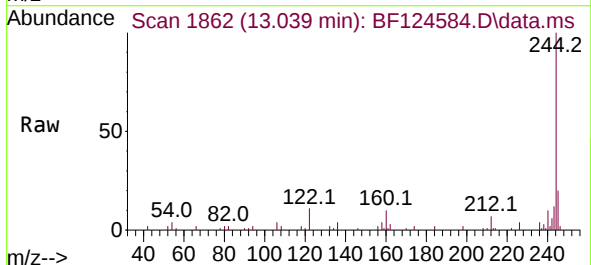
Instrument :
BNA_F
ClientSampled :
ETGI-363

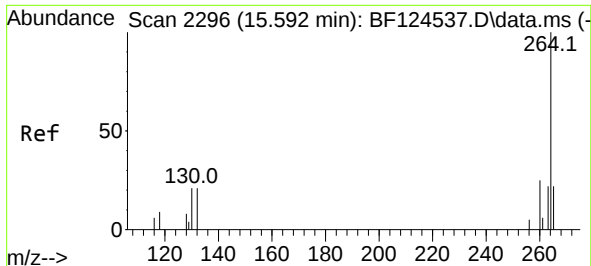
Tgt Ion:202	Resp:	1953
Ion Ratio	Lower	Upper
202	100	
200	23.8	15.3 22.9#
203	22.0	13.4 20.0#



#79
Terphenyl-d14
Concen: 46.07 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

Tgt Ion:244	Resp:	28500
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.9 8.9
122	10.5	9.0 13.4

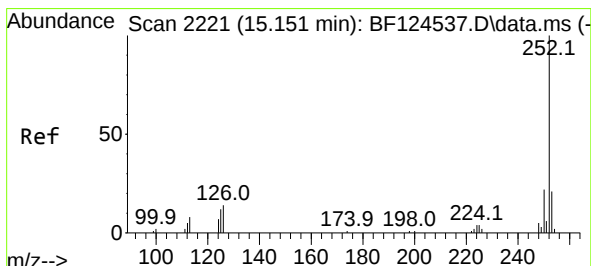
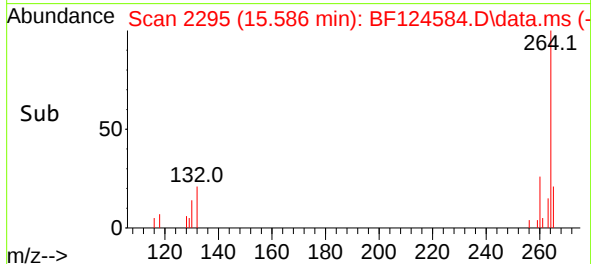
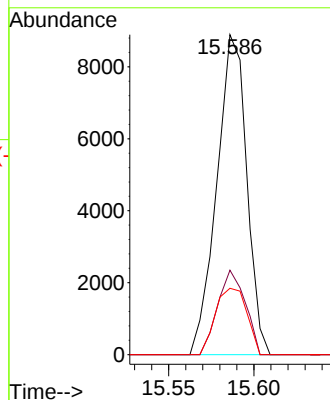
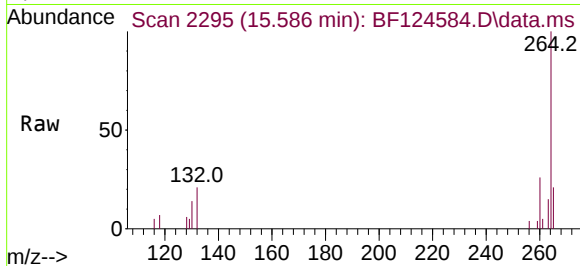




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

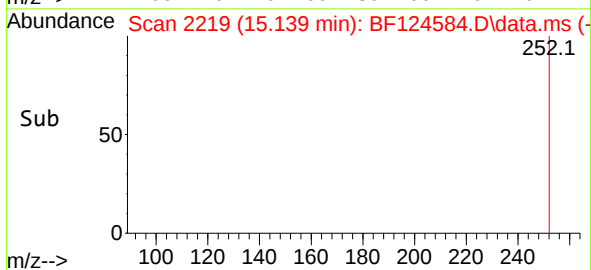
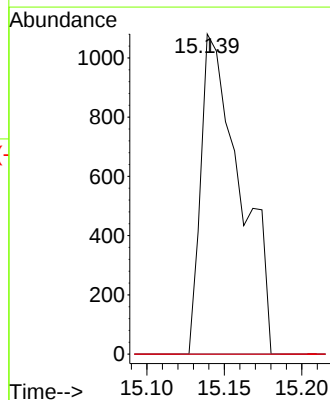
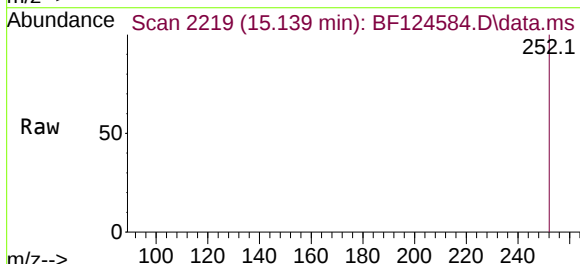
Instrument :
BNA_F
ClientSampled :
ETGI-363

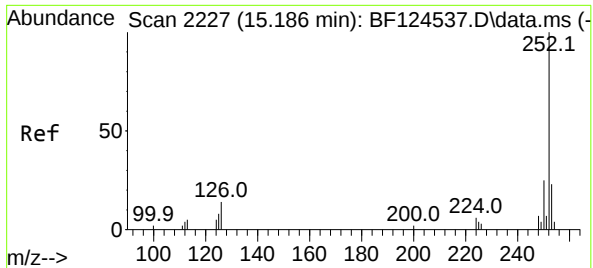
Tgt Ion:264	Resp:	10843
Ion Ratio	Lower	Upper
264	100	
260	26.4	19.6 29.4
265	20.7	17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.45 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.012 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

Tgt Ion:252	Resp:	1906
Ion Ratio	Lower	Upper
252	100	
253	0.0	16.8 25.2#
125	0.0	9.8 14.8#





#89
Benzo(k)fluoranthene
Concen: 2.67 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.047 min
Lab File: BF124584.D
Acq: 15 Jul 2021 22:00

Instrument :
BNA_F
ClientSampleId :
ETGI-363

Tgt Ion:252 Resp: 1906
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 7.2 10.8#

