

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132525.D
 Acq On : 23 Feb 2023 17:41
 Operator : CG\JU
 Sample : 01635-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-294

Quant Time: Feb 24 00:38:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

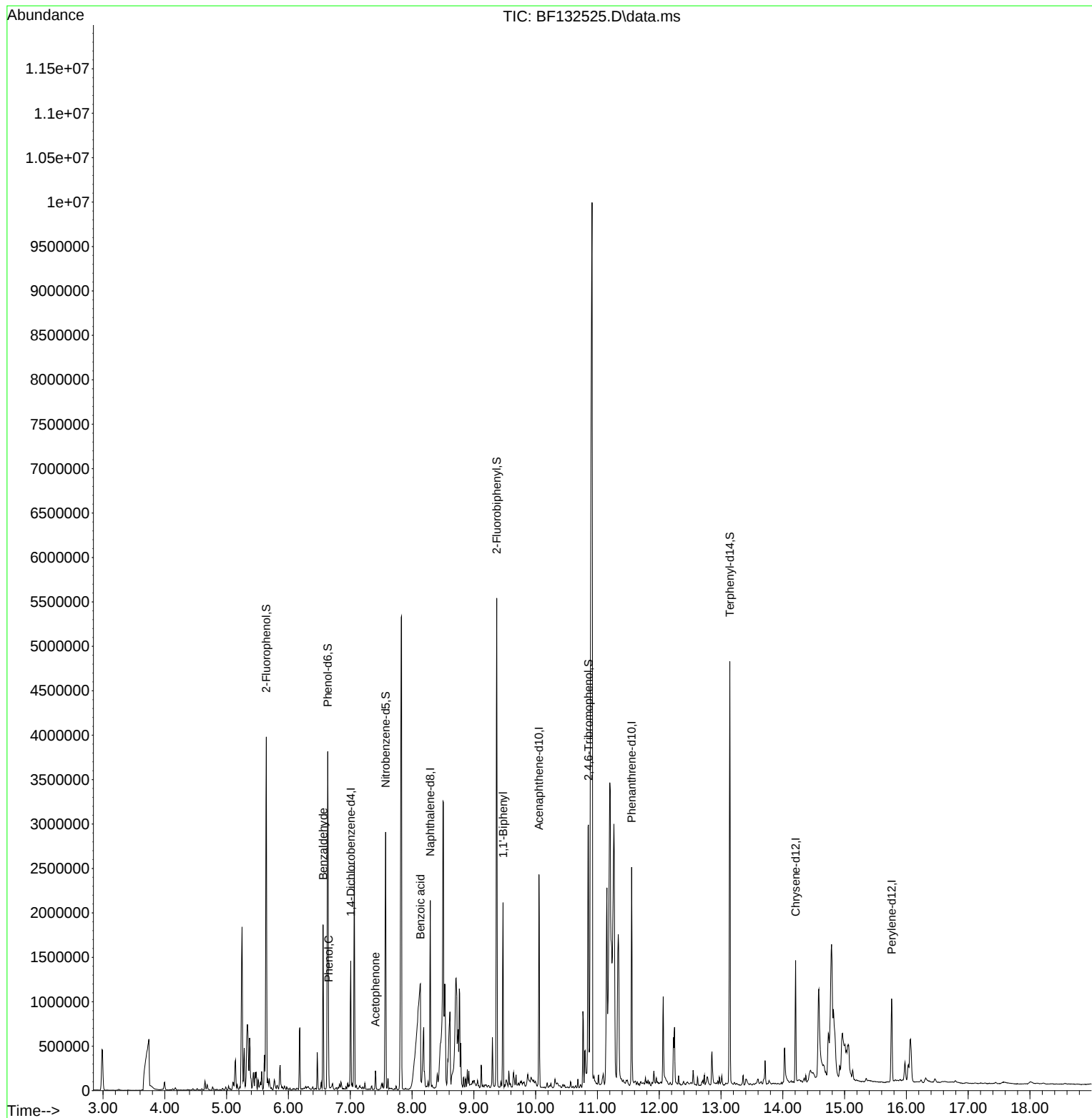
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	188511	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	814328	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	464222	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	865693	20.000	ng	0.00
76) Chrysene-d12	14.207	240	439737	20.000	ng	-0.01
86) Perylene-d12	15.760	264	444507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	1046019	90.056	ng	0.00
7) Phenol-d6	6.637	99	1403015	92.554	ng	0.00
23) Nitrobenzene-d5	7.572	82	941337	54.844	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	357565	71.322	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1535361	50.360	ng	0.00
79) Terphenyl-d14	13.142	244	1652292	63.529	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.560	77	332272	40.622	ng	98
10) Phenol	6.649	94	112224	6.457	ng	97
22) Acetophenone	7.407	105	55900	2.722	ng	# 86
32) Benzoic acid	8.137	122	988988	94.170	ng	92
46) 1,1'-Biphenyl	9.472	154	560767	15.960	ng	98

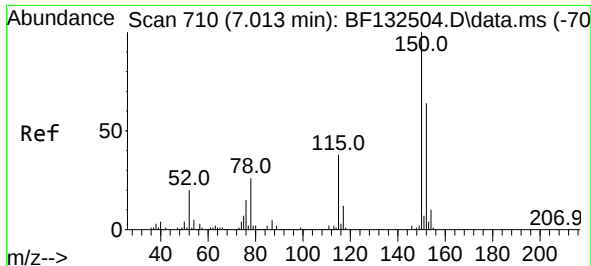
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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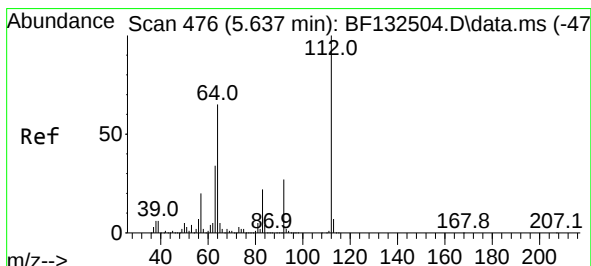
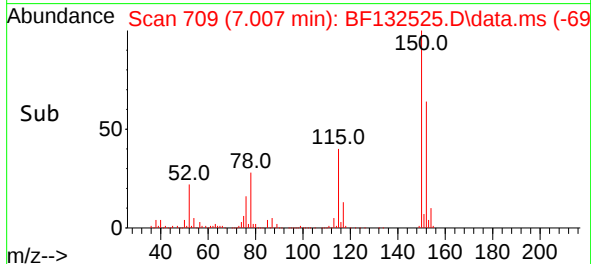
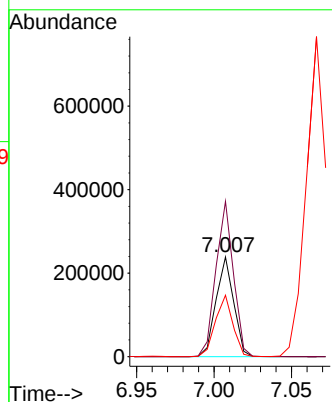
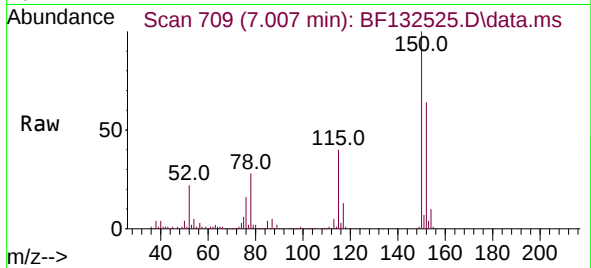




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

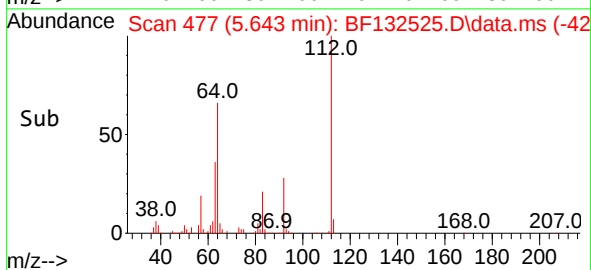
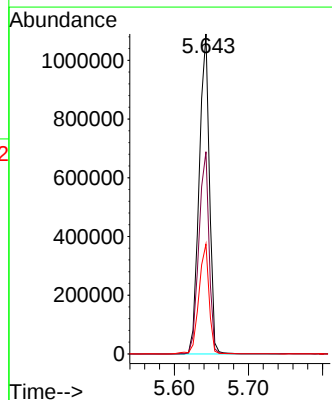
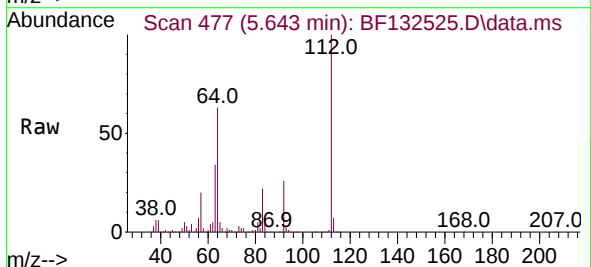
Instrument :
BNA_F
ClientSampleId :
ETGI-294

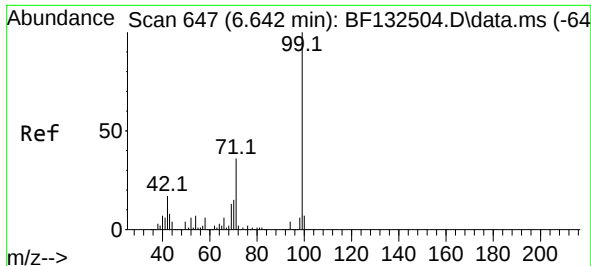
Tgt Ion:152 Resp: 188511
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.2
115 61.6 47.8 71.6



#5
2-Fluorophenol
Concen: 90.056 ng
RT: 5.643 min Scan# 477
Delta R.T. 0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

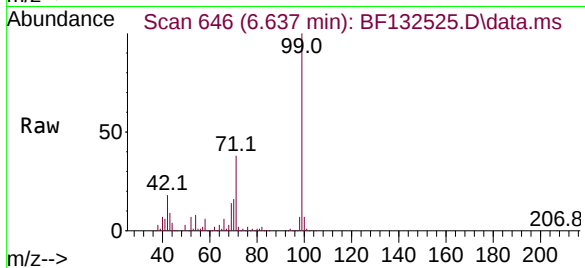
Tgt Ion:112 Resp: 1046019
Ion Ratio Lower Upper
112 100
64 63.2 51.6 77.4
63 34.3 27.4 41.2





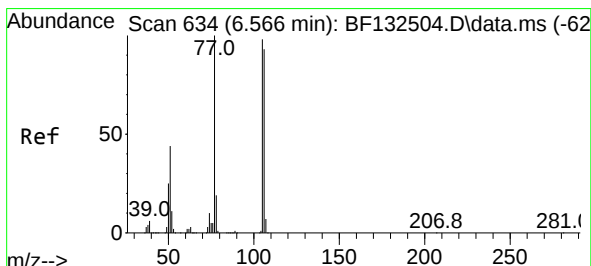
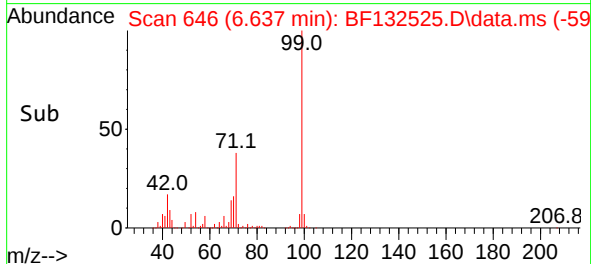
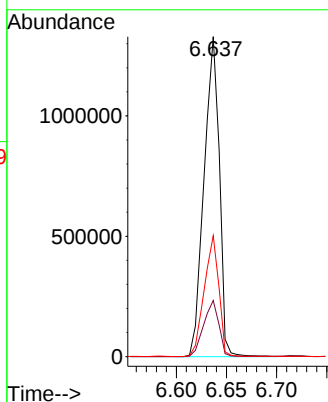
#7
Phenol-d6
Concen: 92.554 ng
RT: 6.637 min Scan# 647
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Instrument :
BNA_F
ClientSampleId :
ETGI-294



Tgt Ion: 99 Resp: 1403015

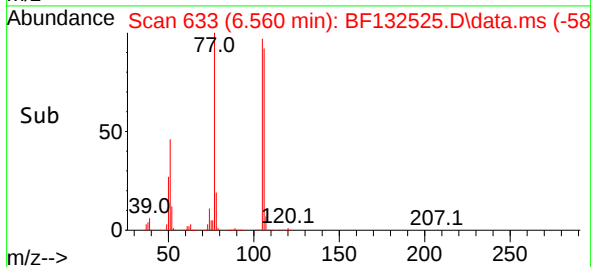
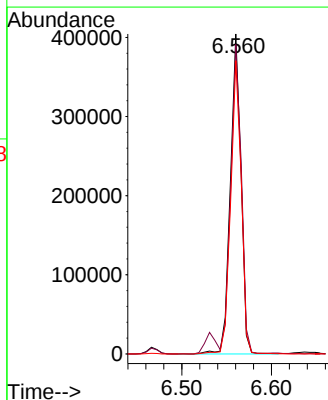
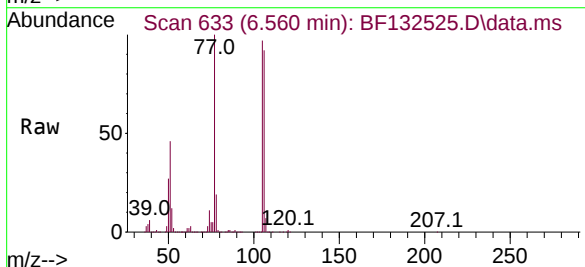
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.9	20.9
71	37.8	28.5	42.7

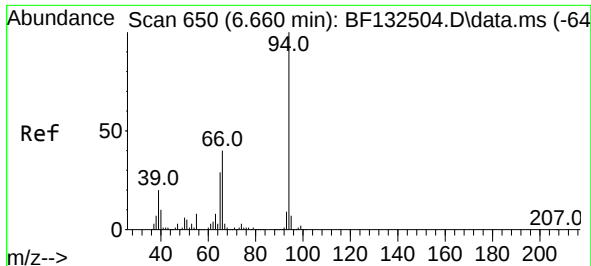


#9
Benzaldehyde
Concen: 40.622 ng
RT: 6.560 min Scan# 633
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion: 77 Resp: 332272

Ion	Ratio	Lower	Upper
77	100		
105	96.7	77.9	117.9
106	91.6	73.4	113.4

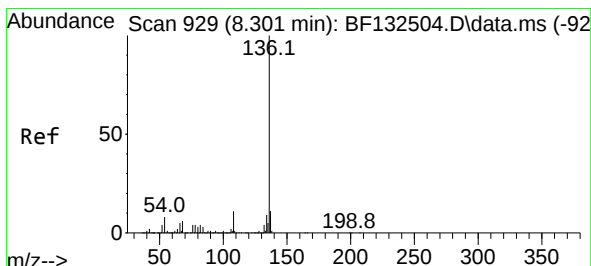
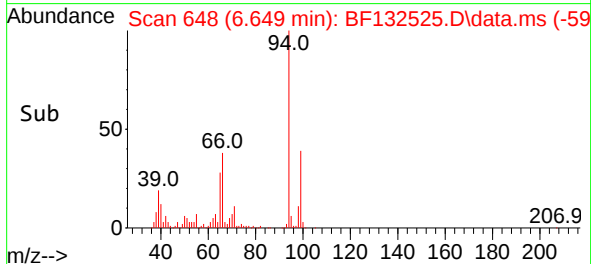
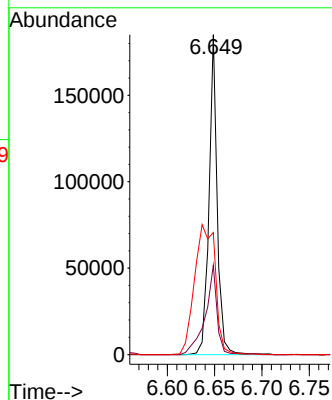
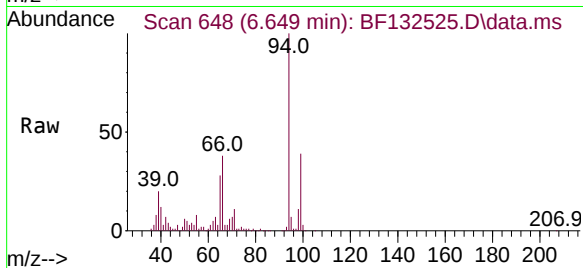




#10
Phenol
Concen: 6.457 ng
RT: 6.649 min Scan# 64
Delta R.T. -0.011 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

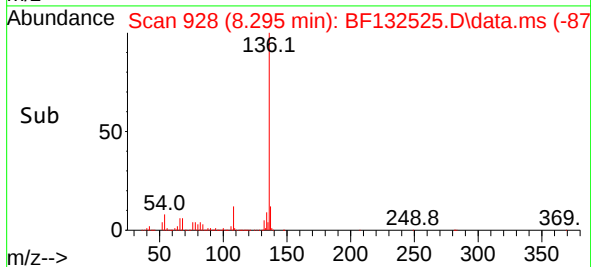
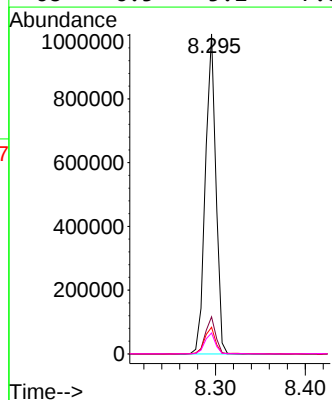
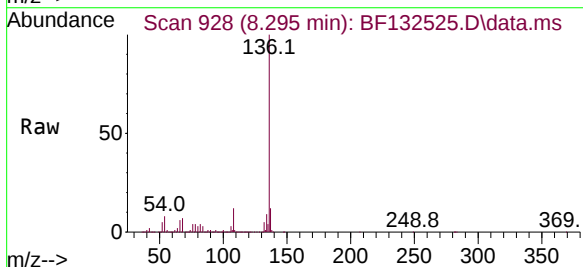
Instrument :
BNA_F
ClientSampleId :
ETGI-294

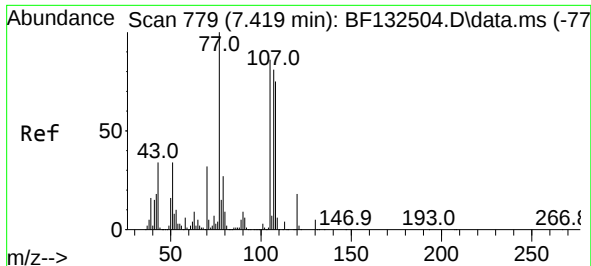
Tgt Ion: 94 Resp: 112224
Ion Ratio Lower Upper
94 100
65 27.9 9.4 49.4
66 38.1 19.8 59.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

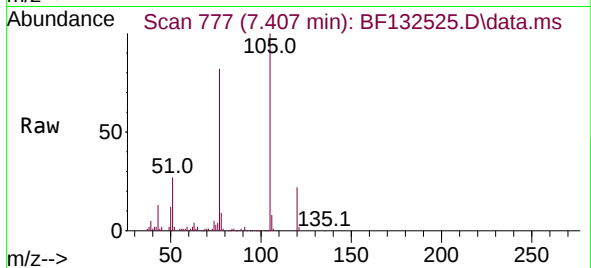
Tgt Ion:136 Resp: 814328
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.3 6.2 9.4
68 6.5 5.2 7.8



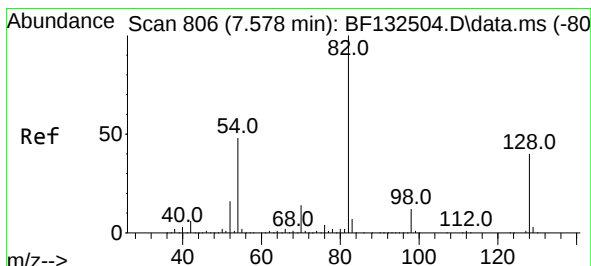
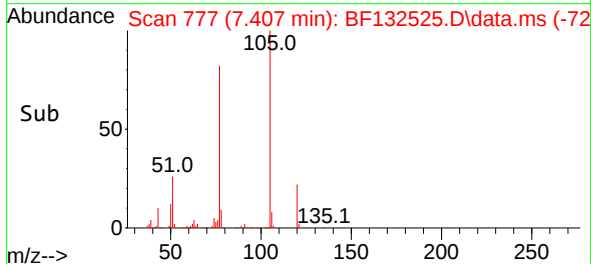
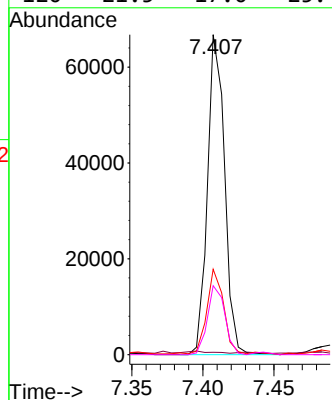


#22
Acetophenone
Concen: 2.722 ng
RT: 7.407 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Instrument :
BNA_F
ClientSampleId :
ETGI-294

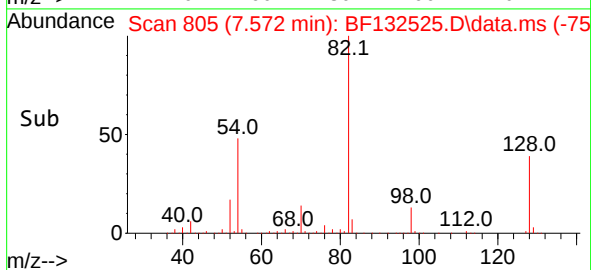
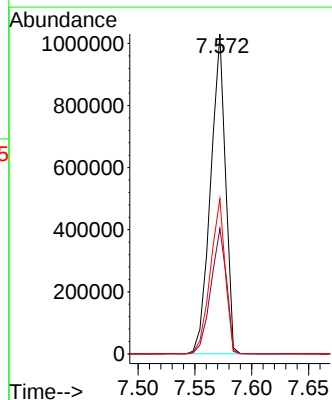
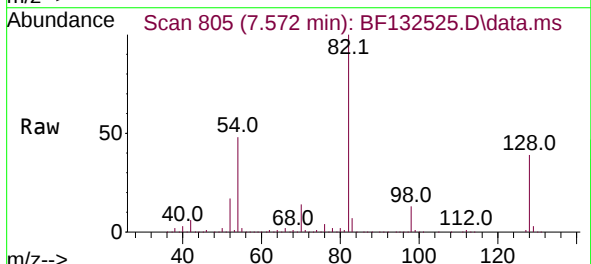


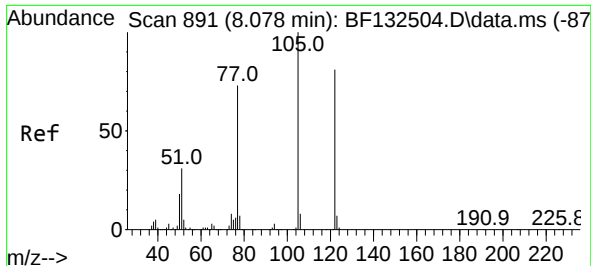
Tgt Ion:105 Resp: 55900
Ion Ratio Lower Upper
105 100
71 0.7 5.0 7.4#
51 26.7 31.5 47.3#
120 21.5 17.0 25.4



#23
Nitrobenzene-d5
Concen: 54.844 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion: 82 Resp: 941337
Ion Ratio Lower Upper
82 100
128 39.2 32.2 48.2
54 48.5 38.4 57.6

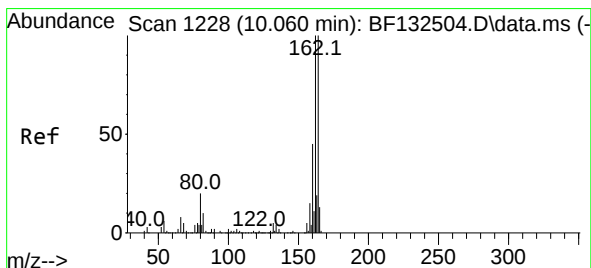
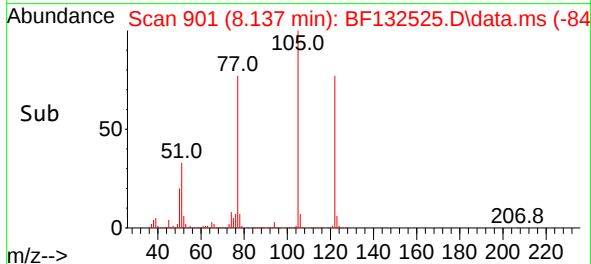
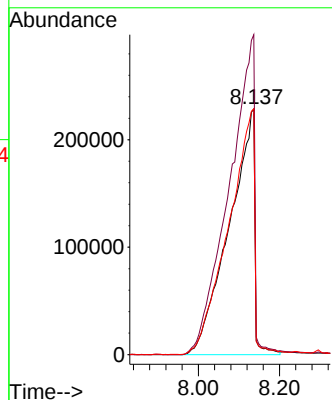
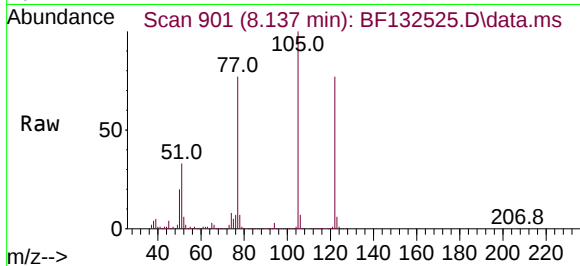




#32
Benzoic acid
Concen: 94.170 ng
RT: 8.137 min Scan# 901
Delta R.T. 0.059 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

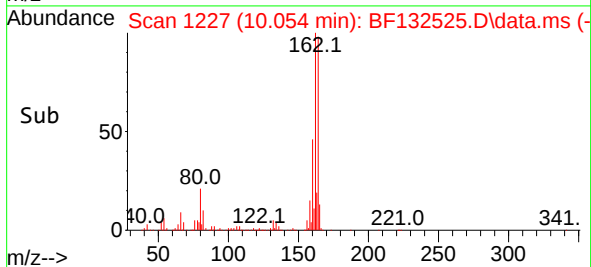
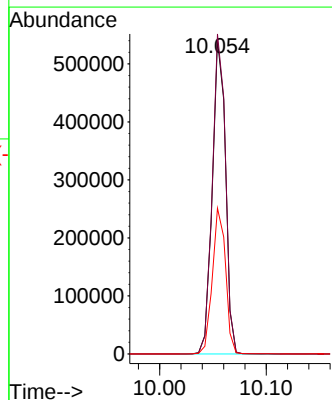
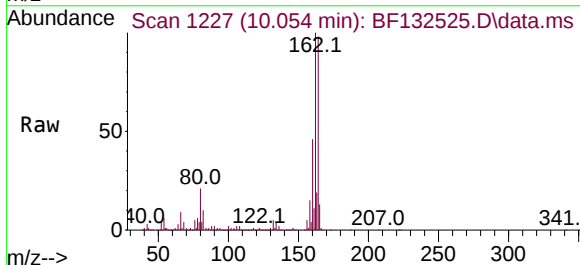
Instrument :
BNA_F
ClientSampleId :
ETGI-294

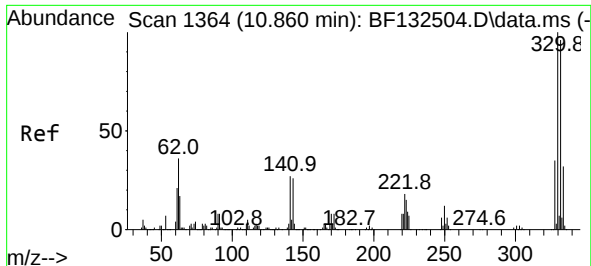
Tgt Ion:122 Resp: 988988
Ion Ratio Lower Upper
122 100
105 130.3 102.6 142.6
77 100.1 70.2 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion:164 Resp: 464222
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.8
160 46.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 71.322 ng

RT: 10.854 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF132525.D

Acq: 23 Feb 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ETGI-294

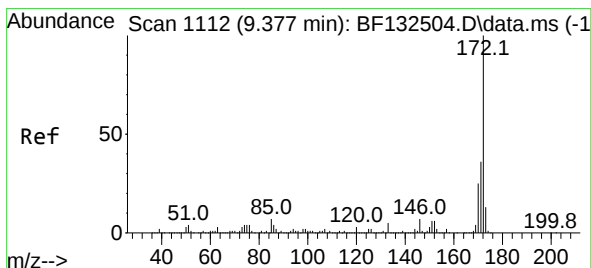
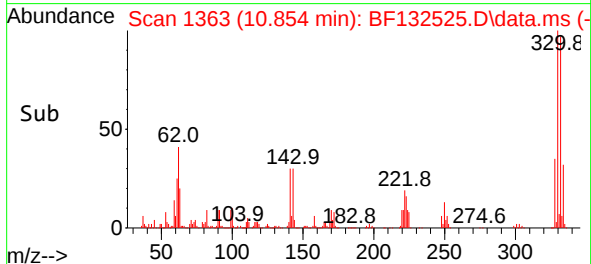
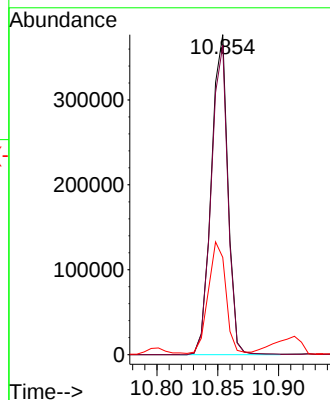
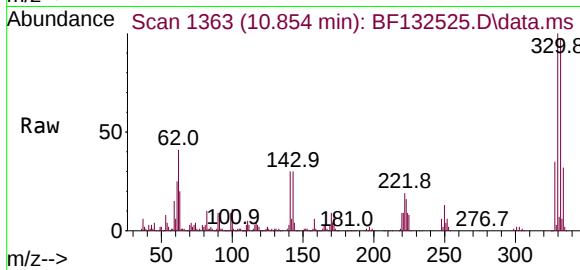
Tgt Ion:330 Resp: 357565

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 37.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 50.360 ng

RT: 9.372 min Scan# 1111

Delta R.T. -0.005 min

Lab File: BF132525.D

Acq: 23 Feb 2023 17:41

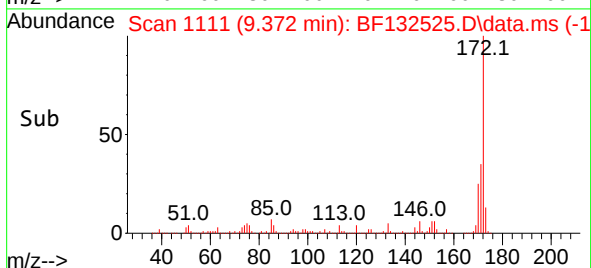
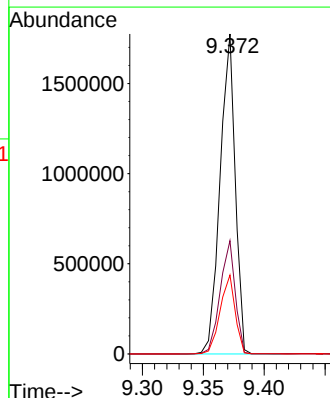
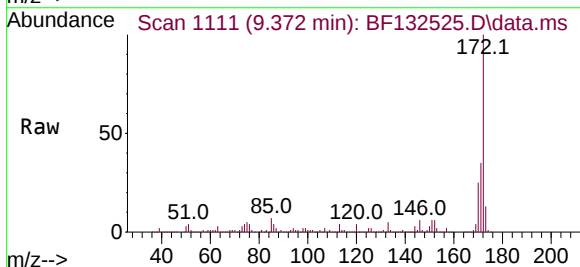
Tgt Ion:172 Resp: 1535361

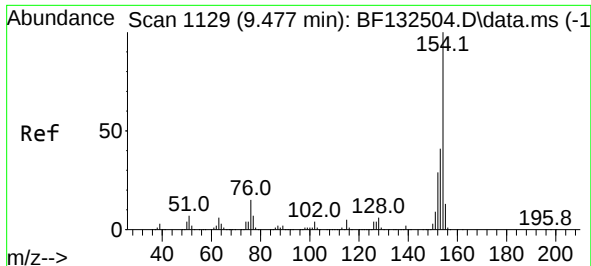
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.6 19.7 29.5

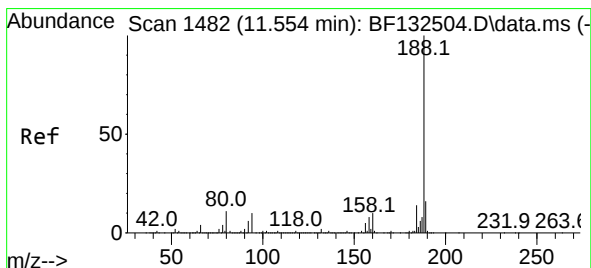
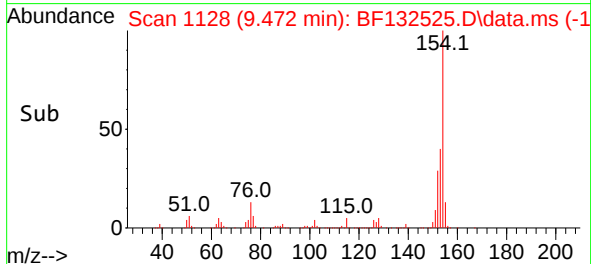
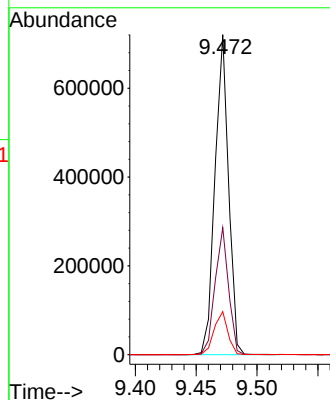
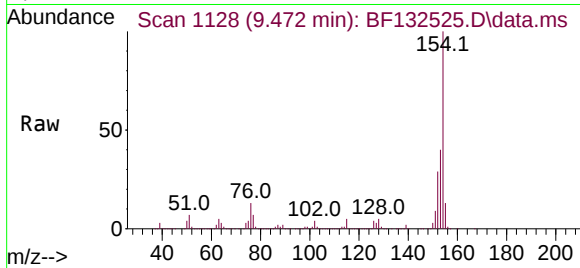




#46
1,1'-Biphenyl
Concen: 15.960 ng
RT: 9.472 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

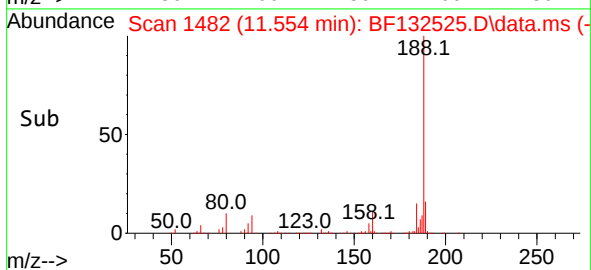
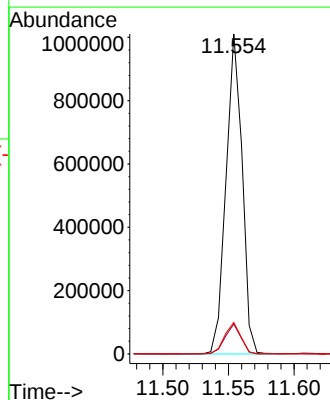
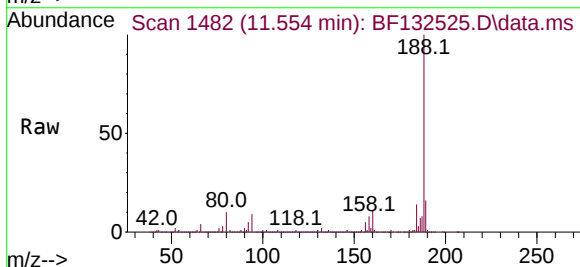
Instrument :
BNA_F
ClientSampleId :
ETGI-294

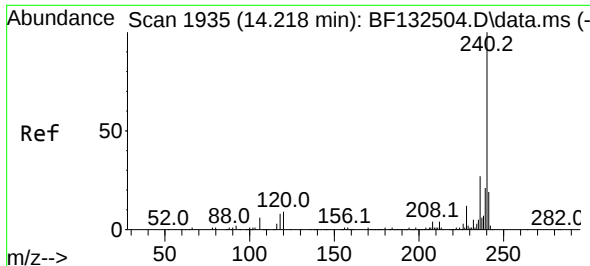
Tgt Ion:154 Resp: 560767
Ion Ratio Lower Upper
154 100
153 39.7 20.9 60.9
76 13.4 0.0 34.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Tgt Ion:188 Resp: 865693
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.8 8.7 13.1

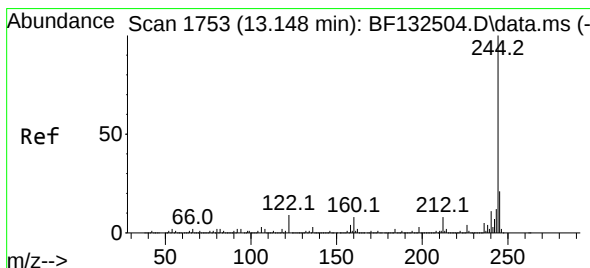
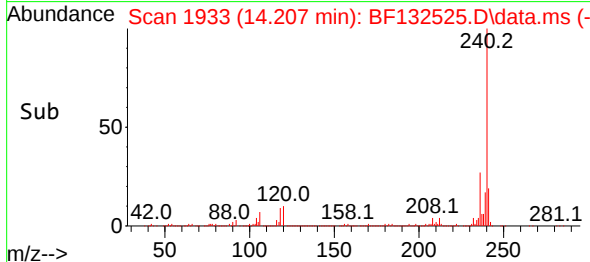
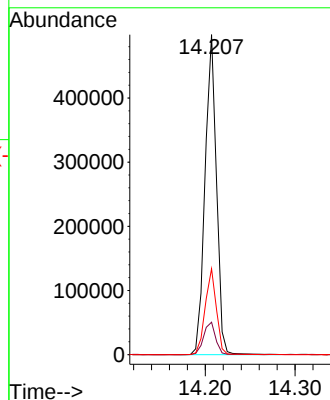
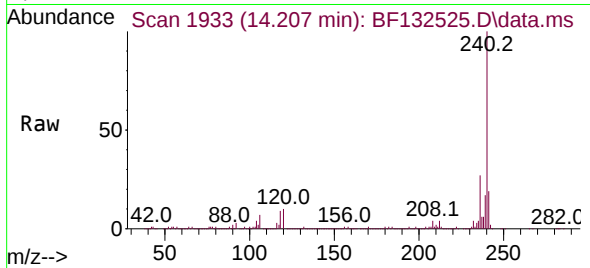




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

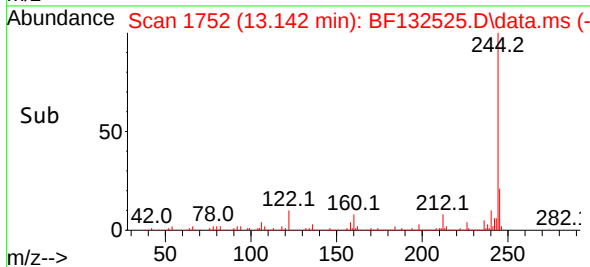
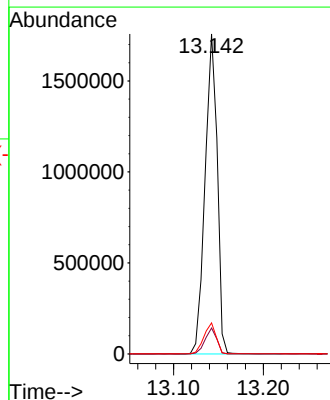
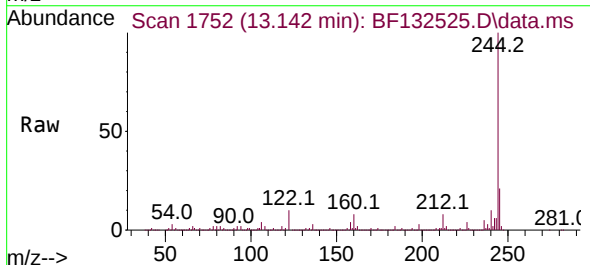
Instrument :
BNA_F
ClientSampleId :
ETGI-294

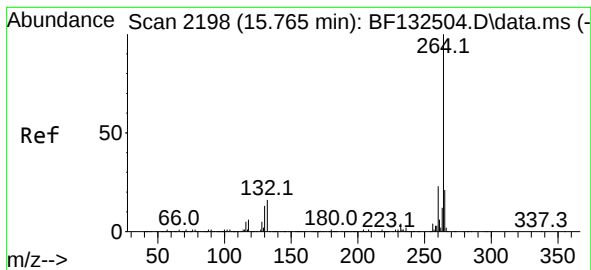
Tgt Ion:240 Resp: 439737
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 26.9 21.8 32.6



#79
Terphenyl-d14
Concen: 63.529 ng
RT: 13.142 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

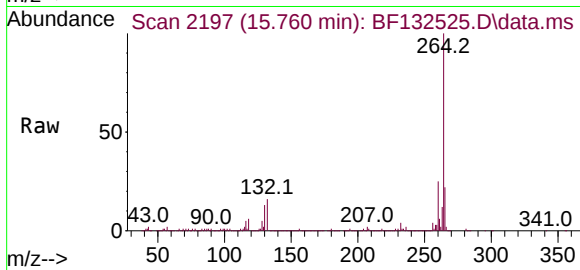
Tgt Ion:244 Resp: 1652292
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.7 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.760 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132525.D
Acq: 23 Feb 2023 17:41

Instrument :
BNA_F
ClientSampleId :
ETGI-294



Tgt Ion:264 Resp: 444507
Ion Ratio Lower Upper
264 100
260 25.1 18.8 28.2
265 21.8 17.1 25.7

