

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134245.D
 Acq On : 12 Jul 2023 14:02
 Operator : CG\JU
 Sample : 03555-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-289

Quant Time: Jul 12 15:12:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

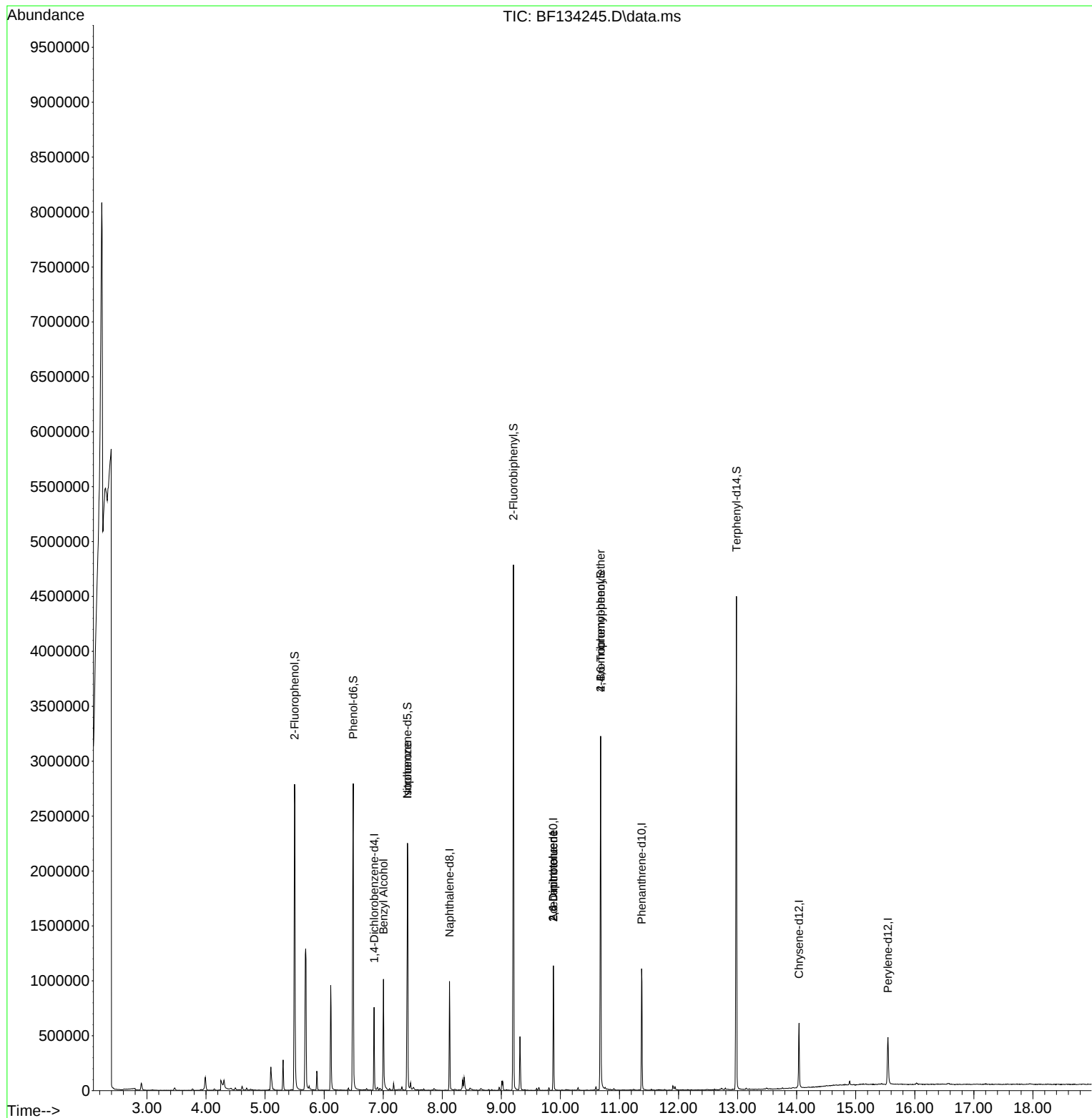
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	101740	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	402508	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	213305	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	423280	20.000	ng	0.00
76) Chrysene-d12	14.039	240	204916	20.000	ng	0.00
86) Perylene-d12	15.545	264	217908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	847531	139.348	ng	0.02
7) Phenol-d6	6.493	99	948154	126.762	ng	0.00
23) Nitrobenzene-d5	7.410	82	781516	104.664	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	427872	159.987	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1433051	97.677	ng	0.00
79) Terphenyl-d14	12.980	244	1627136	127.796	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.493	77	1917	Below Cal	#	1
15) Benzyl Alcohol	7.004	79	14159	2.455	ng	# 45
25) Isophorone	7.410	82	781508	57.588	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	26948	8.080	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	26948	6.119	ng	# 22
67) 4-Bromophenyl-phenylether	10.681	248	25489	5.666	ng	# 1

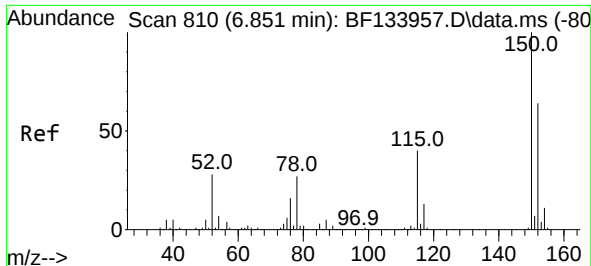
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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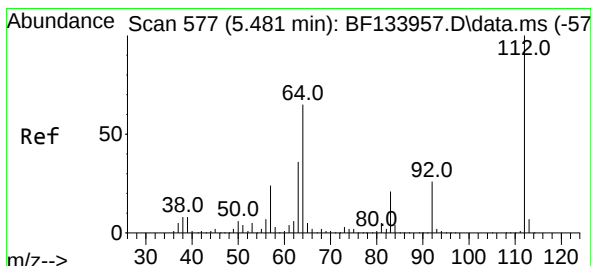
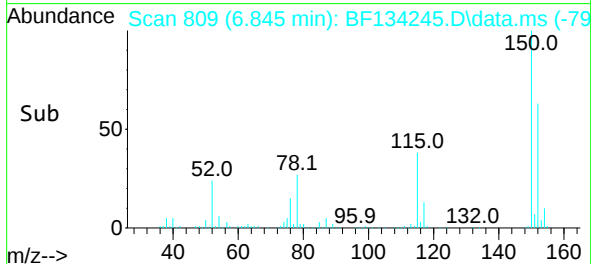
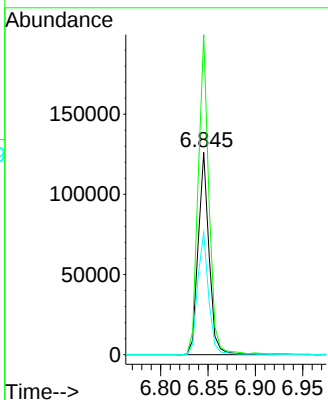
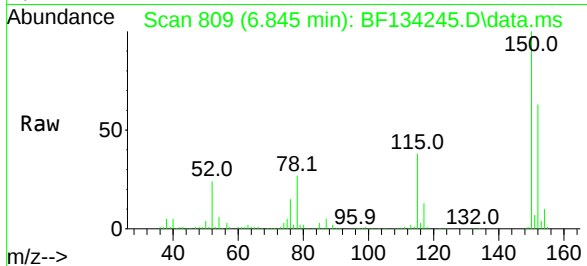




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134245.D
Acq: 12 Jul 2023 14:02

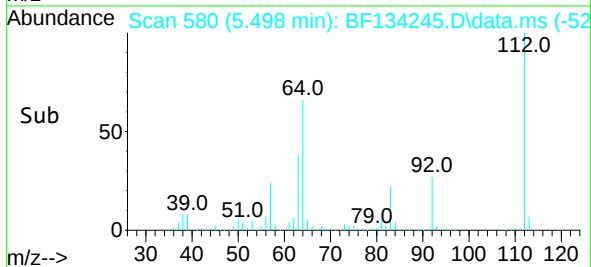
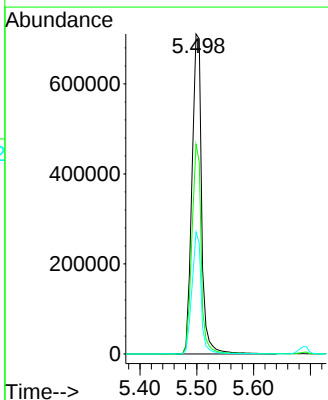
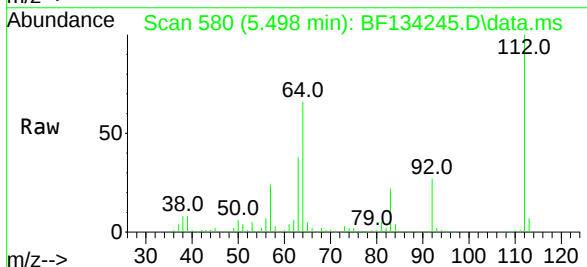
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BNA_F
ClientSampleId :
ETGI-289

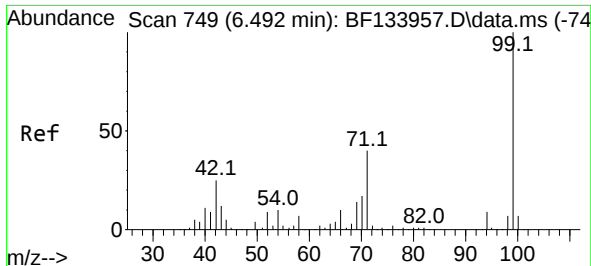
Tgt Ion:152 Resp: 101740
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 60.4 50.2 75.2



#5
2-Fluorophenol
Concen: 139.348 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF134245.D
Acq: 12 Jul 2023 14:02

Tgt Ion:112 Resp: 847531
Ion Ratio Lower Upper
112 100
64 65.5 52.1 78.1
63 38.1 28.6 42.8





#7

Phenol-d6

Concen: 126.762 ng

RT: 6.493 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF134245.D

Acq: 12 Jul 2023 14:02

Instrument :

BNA_F

ClientSampleId :

ETGI-289

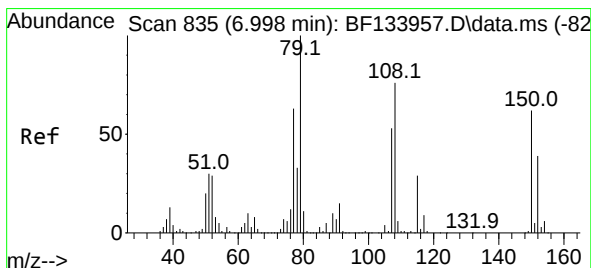
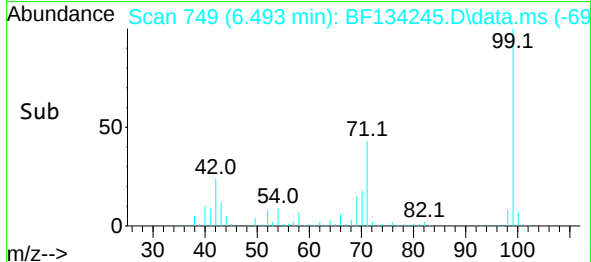
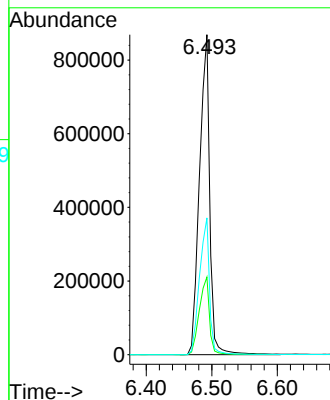
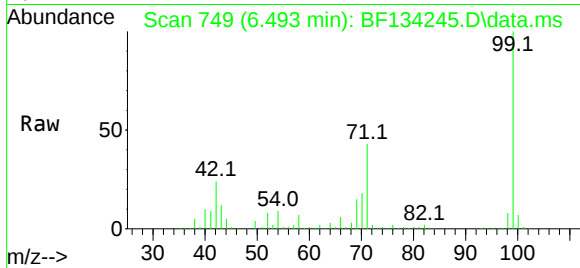
Tgt Ion: 99 Resp: 948154

Ion Ratio Lower Upper

99 100

42 24.2 19.8 29.6

71 42.7 31.9 47.9



#15

Benzyl Alcohol

Concen: 2.455 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.018 min

Lab File: BF134245.D

Acq: 12 Jul 2023 14:02

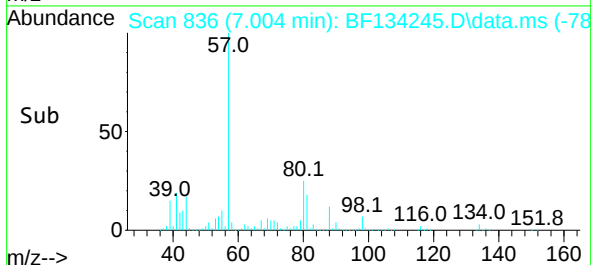
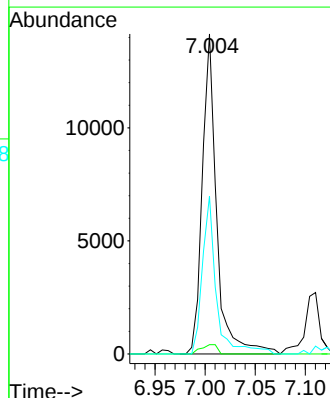
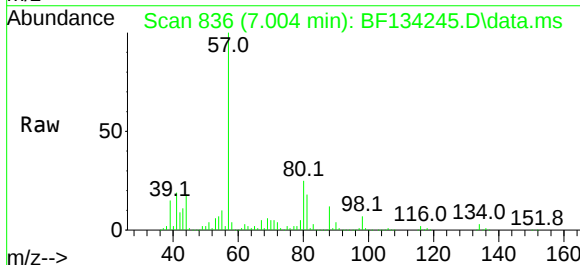
Tgt Ion: 79 Resp: 14159

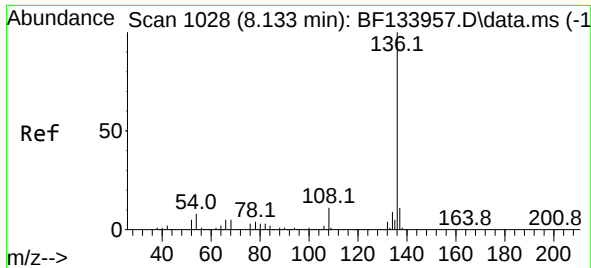
Ion Ratio Lower Upper

79 100

108 2.9 60.7 91.1#

77 49.3 50.6 75.8#



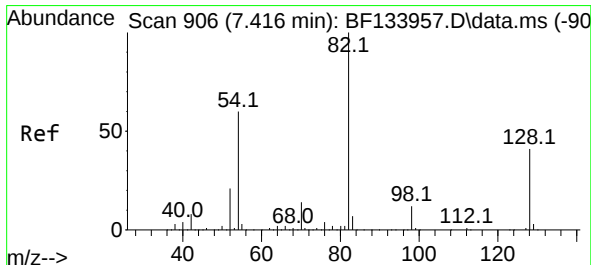
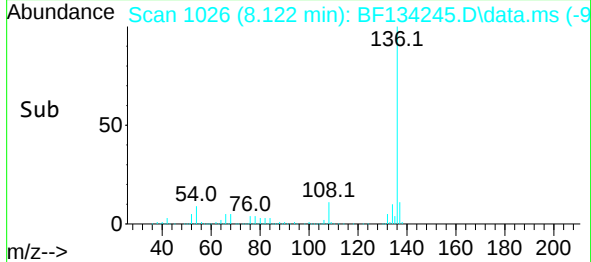
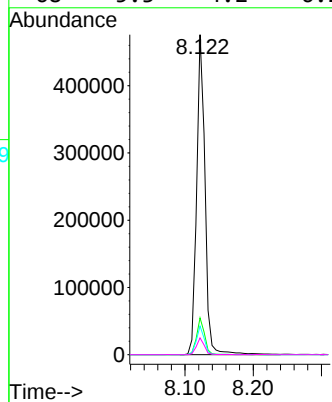
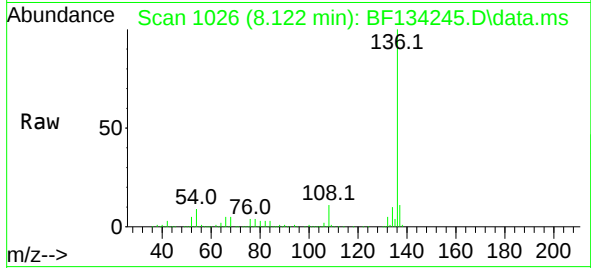


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134245.D
Acq: 12 Jul 2023 14:02

Instrument :
BNA_F
ClientSampleId :
ETGI-289

Tgt Ion:136 Resp: 402508

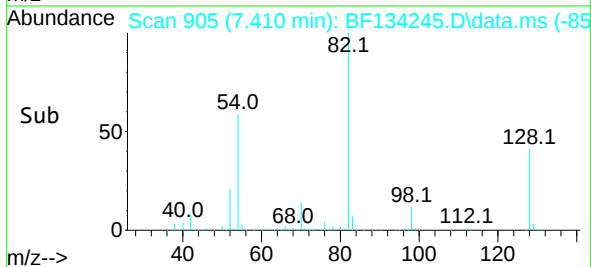
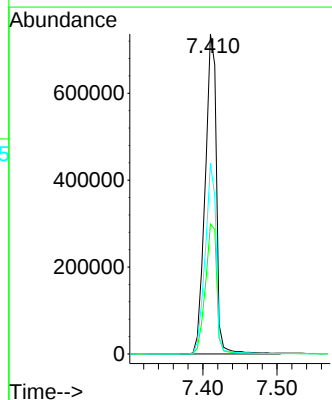
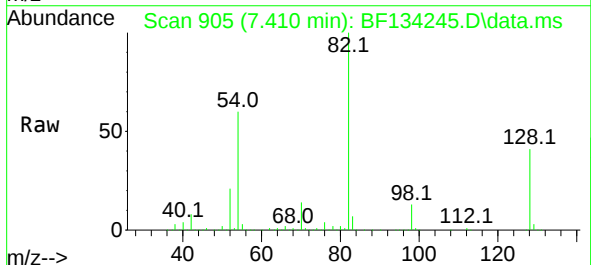
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	9.0	6.5	9.7
68	5.3	4.2	6.2

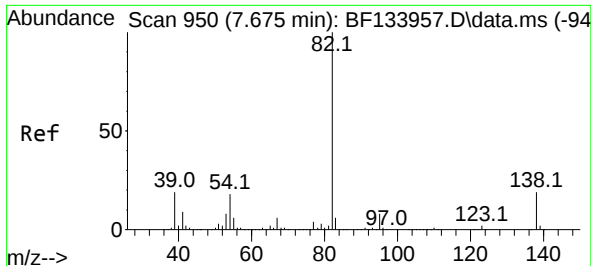


#23
Nitrobenzene-d5
Concen: 104.664 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF134245.D
Acq: 12 Jul 2023 14:02

Tgt Ion: 82 Resp: 781516

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.5	48.7
54	59.5	48.2	72.2

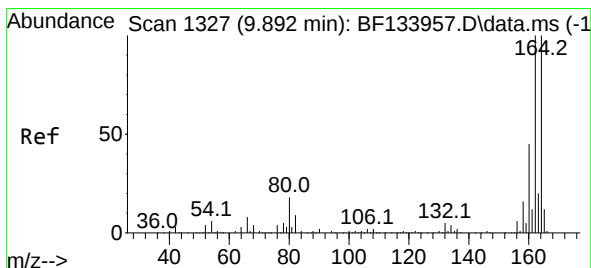
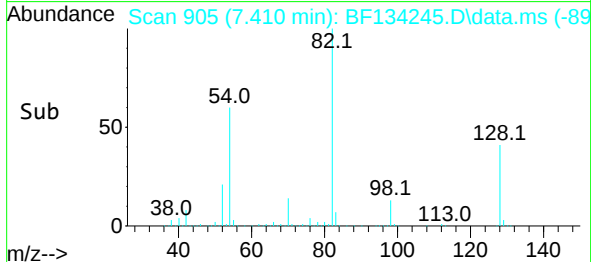
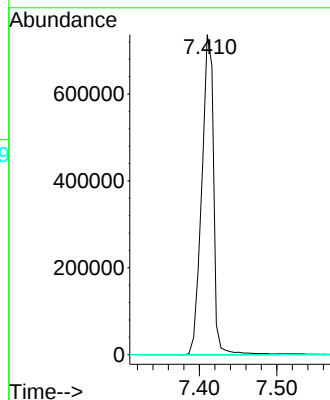
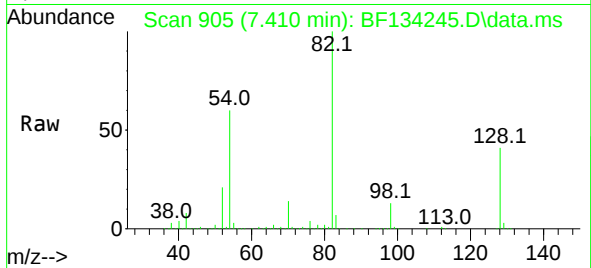




#25
Isophorone
Concen: 57.588 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134245.D
Acq: 12 Jul 2023 14:02

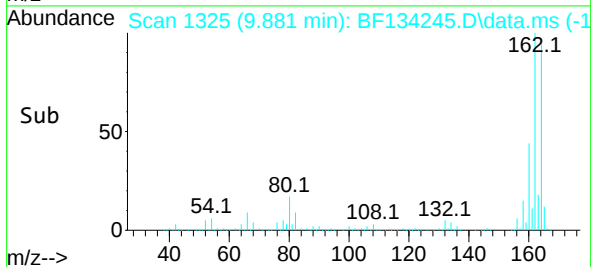
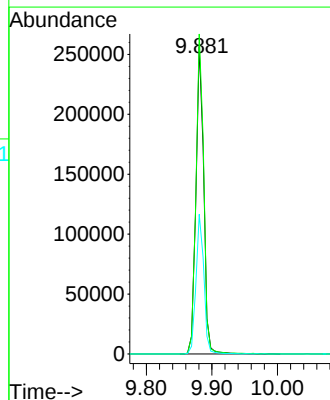
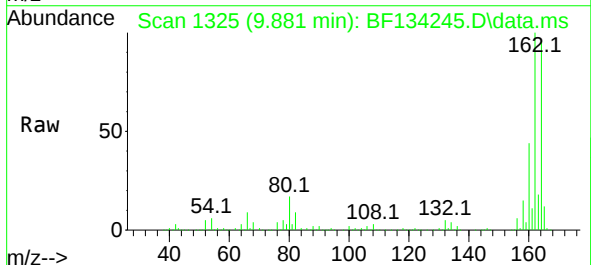
Instrument :
BNA_F
ClientSampleId :
ETGI-289

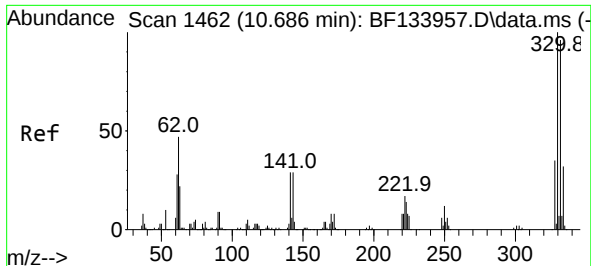
Tgt Ion: 82 Resp: 781508
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134245.D
Acq: 12 Jul 2023 14:02

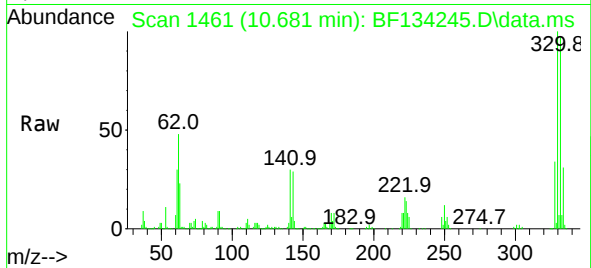
Tgt Ion:164 Resp: 213305
Ion Ratio Lower Upper
164 100
162 104.0 80.0 120.0
160 45.4 35.9 53.9



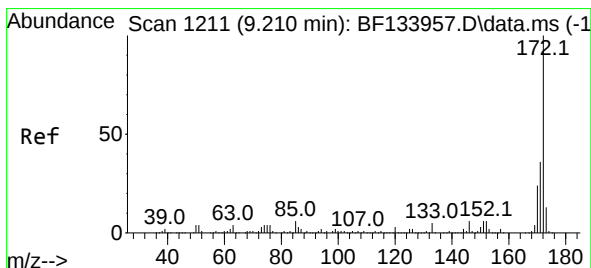
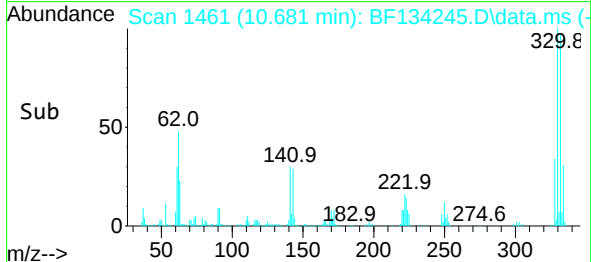
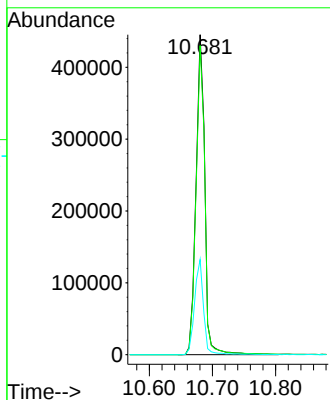


#42
 2,4,6-Tribromophenol
 Concen: 159.987 ng
 RT: 10.681 min Scan# 1461
 Delta R.T. 0.000 min
 Lab File: BF134245.D
 Acq: 12 Jul 2023 14:02

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-289

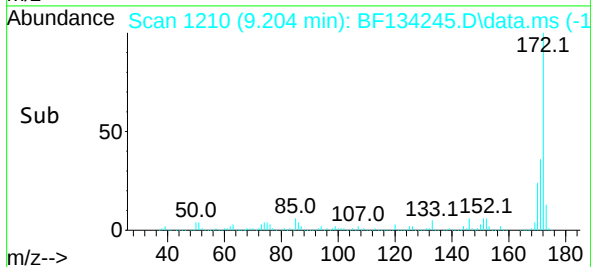
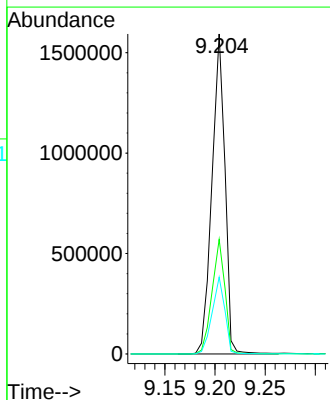
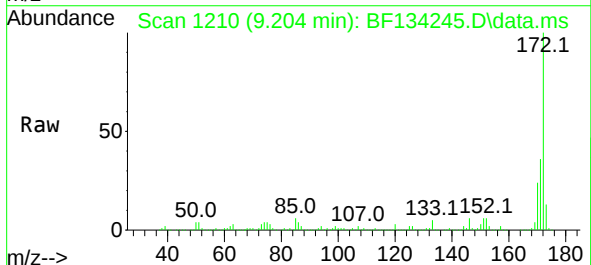


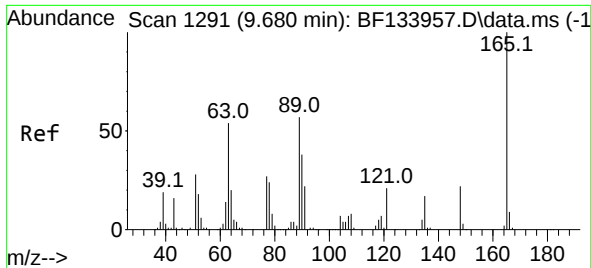
Tgt Ion: 330 Resp: 427872
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 30.7 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 97.677 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. 0.000 min
 Lab File: BF134245.D
 Acq: 12 Jul 2023 14:02

Tgt Ion: 172 Resp: 1433051
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.0 19.4 29.0

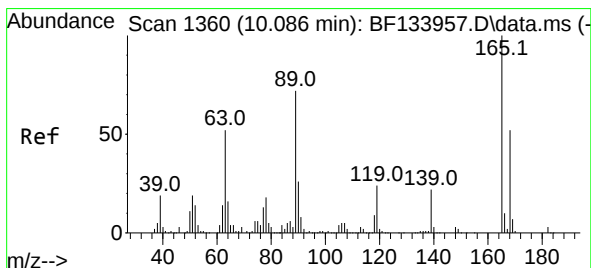
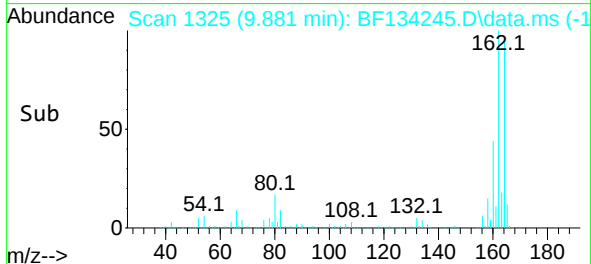
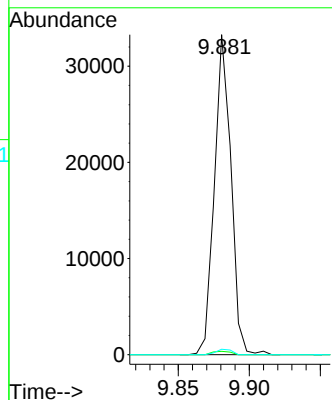
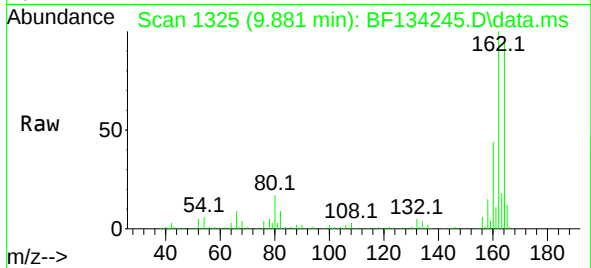




#51
2,6-Dinitrotoluene
Concen: 8.080 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134245.D
Acq: 12 Jul 2023 14:02

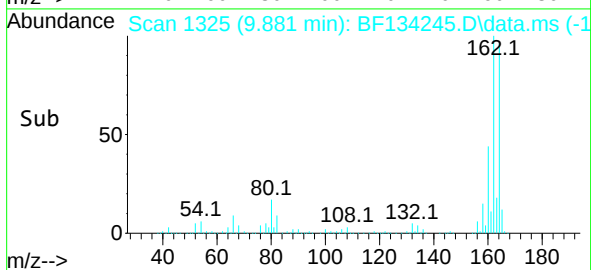
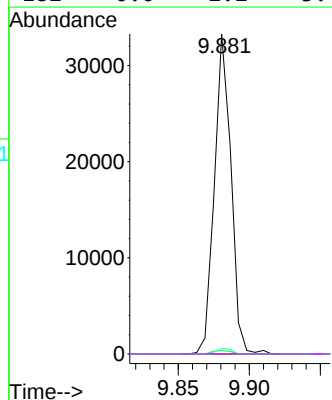
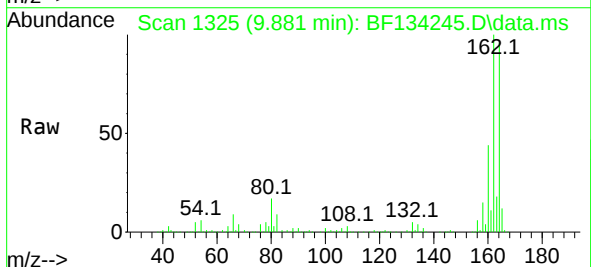
Instrument :
BNA_F
ClientSampleId :
ETGI-289

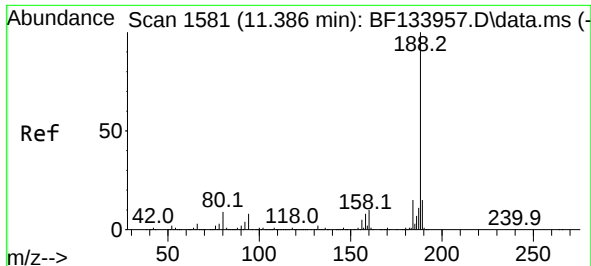
Tgt Ion:165 Resp: 26948
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.7 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.119 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134245.D
Acq: 12 Jul 2023 14:02

Tgt Ion:165 Resp: 26948
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#

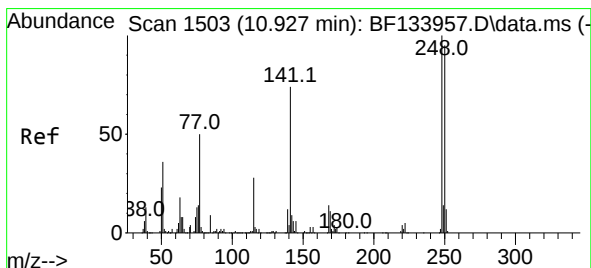
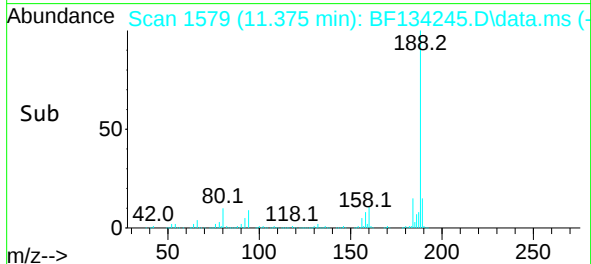
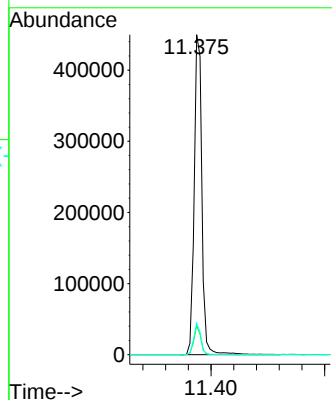
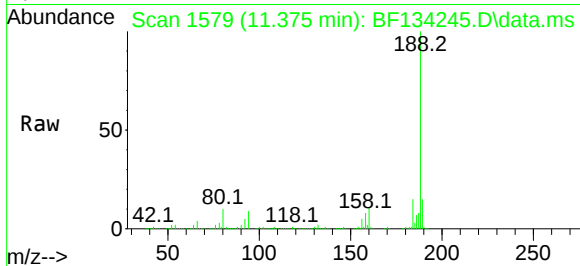




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134245.D
Acq: 12 Jul 2023 14:02

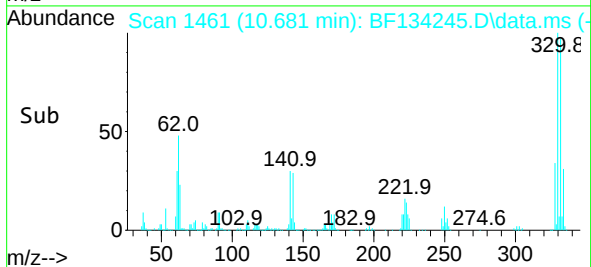
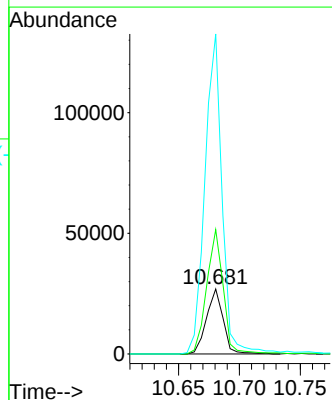
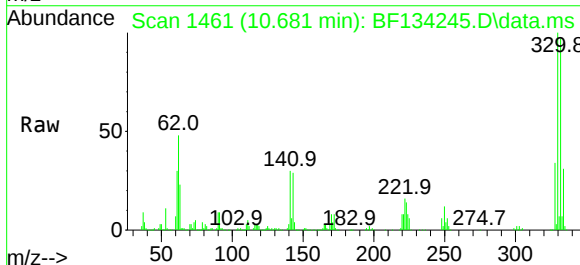
Instrument :
BNA_F
ClientSampleId :
ETGI-289

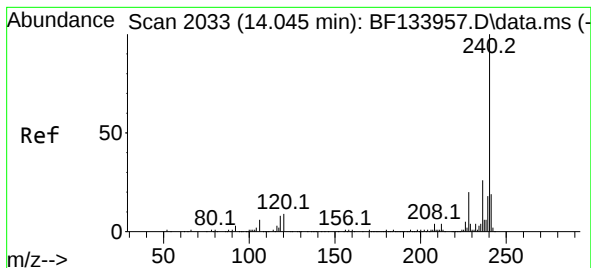
Tgt Ion:188 Resp: 423280
Ion Ratio Lower Upper
188 100
94 9.1 6.4 9.6
80 9.9 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 5.666 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF134245.D
Acq: 12 Jul 2023 14:02

Tgt Ion:248 Resp: 25489
Ion Ratio Lower Upper
248 100
250 191.3 76.2 114.4#
141 492.7 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF134245.D

Acq: 12 Jul 2023 14:02

Instrument :

BNA_F

ClientSampleId :

ETGI-289

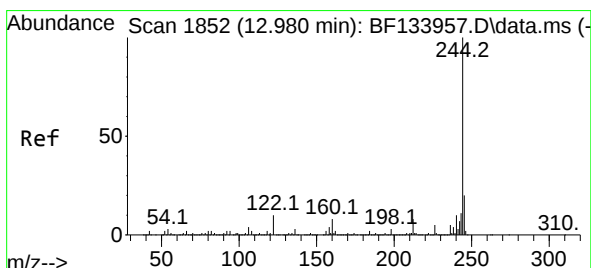
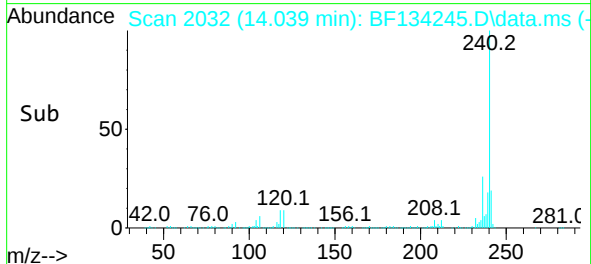
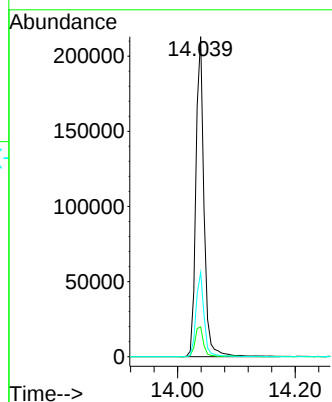
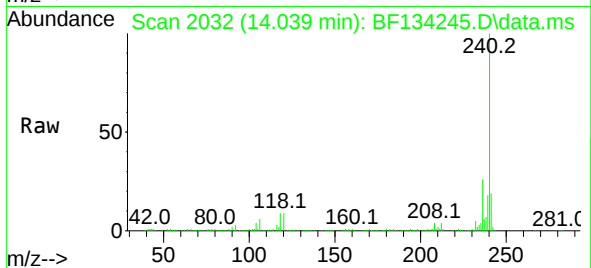
Tgt Ion:240 Resp: 204916

Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 26.4 21.0 31.6



#79

Terphenyl-d14

Concen: 127.796 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF134245.D

Acq: 12 Jul 2023 14:02

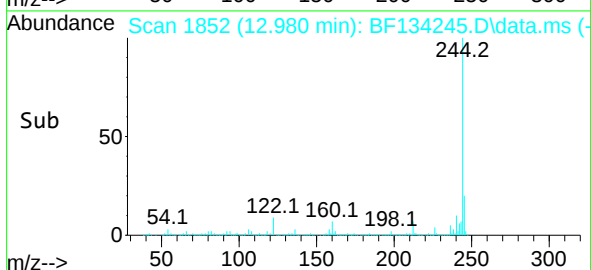
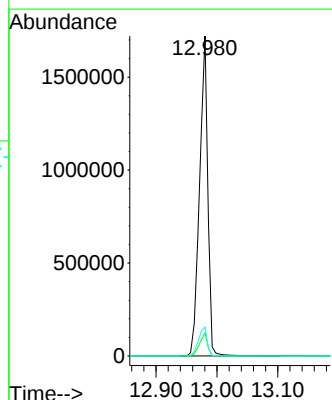
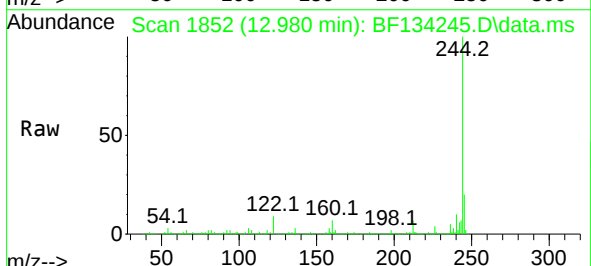
Tgt Ion:244 Resp: 1627136

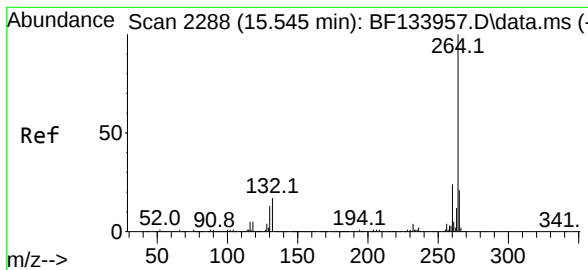
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.0 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134245.D
Acq: 12 Jul 2023 14:02

Instrument :
BNA_F
ClientSampleId :
ETGI-289

Tgt Ion:264	Resp:	217908
Ion	Ratio	Lower Upper
264	100	
260	23.7	19.5 29.3
265	21.0	16.6 25.0

