

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135680.D
 Acq On : 10 Oct 2023 12:17
 Operator : CG\JU
 Sample : PB156142TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156142TB

Quant Time: Oct 11 02:46:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

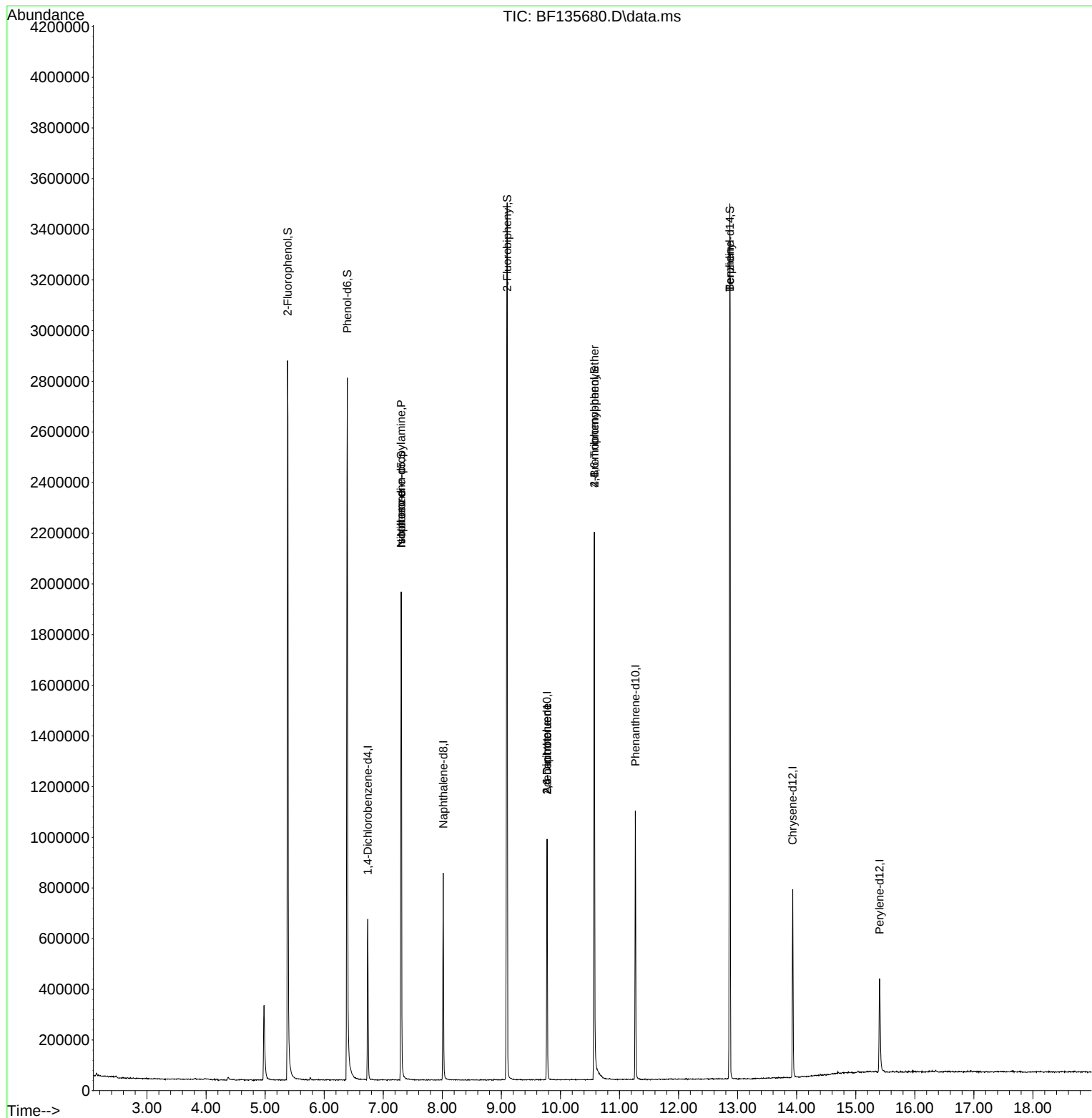
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	95922	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	363923	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	192881	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	394655	20.000	ng	0.00
76) Chrysene-d12	13.933	240	248659	20.000	ng	0.00
86) Perylene-d12	15.404	264	207084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	835169	141.611	ng	0.01
7) Phenol-d6	6.393	99	1034802	137.988	ng	0.00
23) Nitrobenzene-d5	7.304	82	659543	98.462	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	289666	151.122	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1208885	94.559	ng	0.00
79) Terphenyl-d14	12.869	244	1374332	85.679	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	89312	19.228	ng	Qvalue # 80
25) Isophorone	7.304	82	659543	53.621	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	24617	8.617	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	24617	6.883	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	17439	4.443	ng	# 1
77) Benzidine	12.869	184	17369	3.410	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135680.D
Acq On : 10 Oct 2023 12:17
Operator : CG\JU
Sample : PB156142TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB156142TB

Quant Time: Oct 11 02:46:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

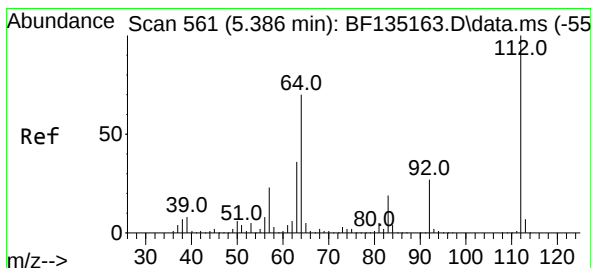
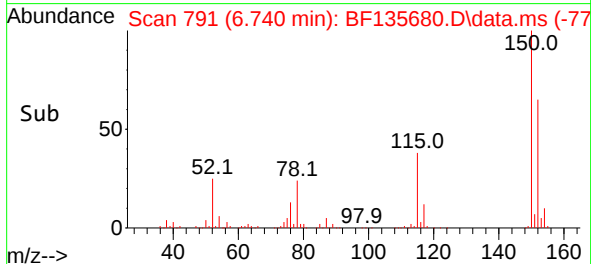
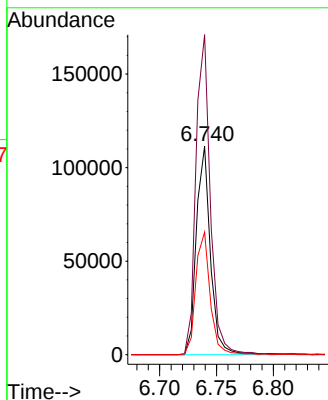
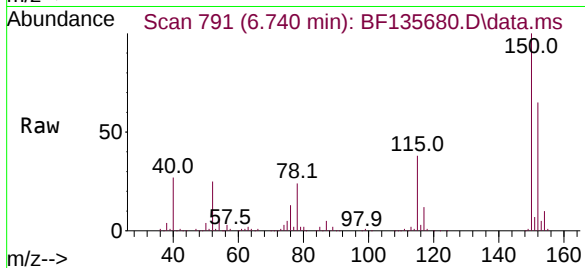




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135680.D
Acq: 10 Oct 2023 12:17

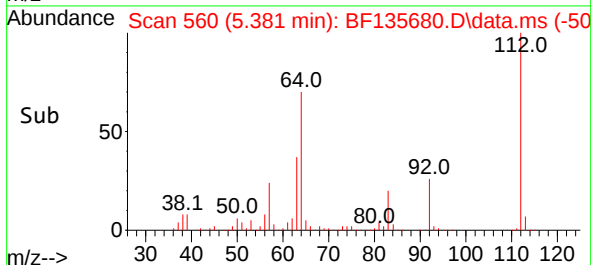
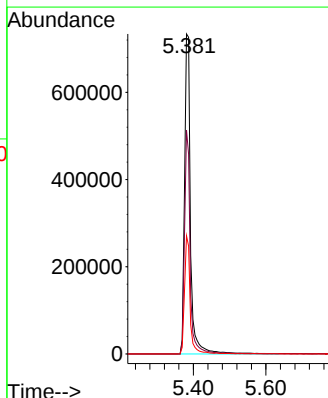
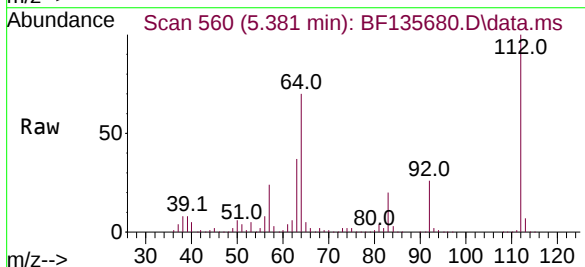
Instrument :
BNA_F
ClientSampleId :
PB156142TB

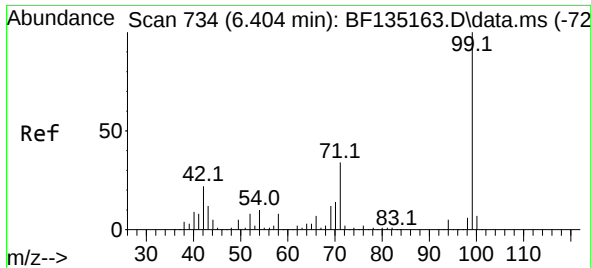
Tgt Ion:152 Resp: 95922
Ion Ratio Lower Upper
152 100
150 153.5 127.8 191.6
115 58.8 49.8 74.8



#5
2-Fluorophenol
Concen: 141.611 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135680.D
Acq: 10 Oct 2023 12:17

Tgt Ion:112 Resp: 835169
Ion Ratio Lower Upper
112 100
64 69.9 55.9 83.9
63 36.9 29.0 43.6

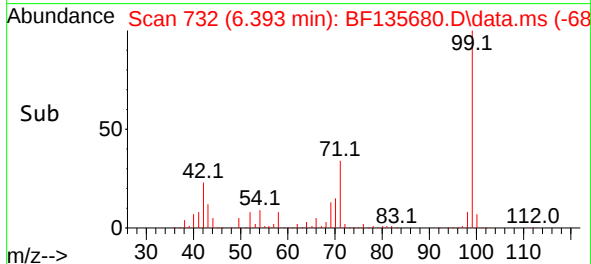
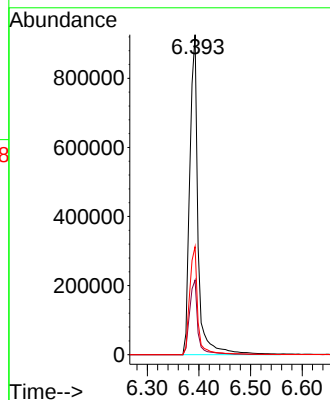
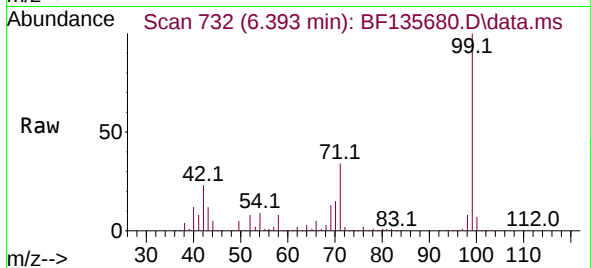




#7
Phenol-d6
Concen: 137.988 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135680.D
Acq: 10 Oct 2023 12:17

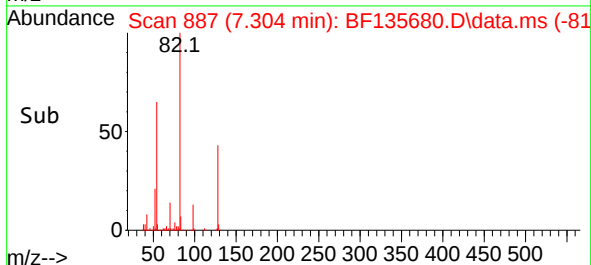
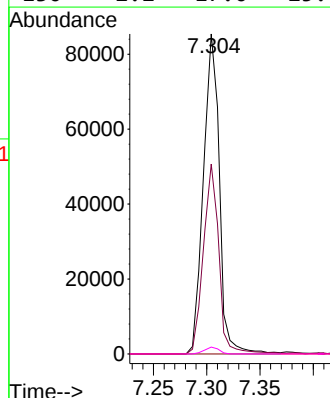
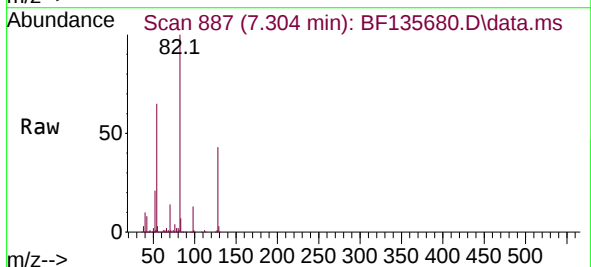
Instrument :
BNA_F
ClientSampleId :
PB156142TB

Tgt Ion: 99 Resp: 1034802
Ion Ratio Lower Upper
99 100
42 23.3 17.9 26.9
71 33.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.228 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135680.D
Acq: 10 Oct 2023 12:17

Tgt Ion: 70 Resp: 89312
Ion Ratio Lower Upper
70 100
42 59.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

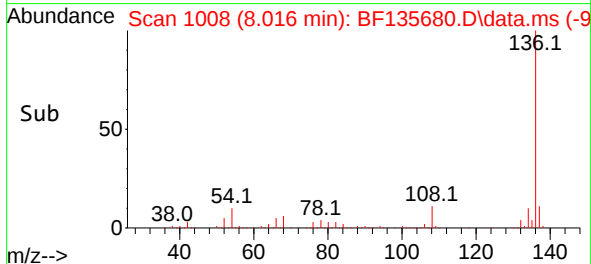
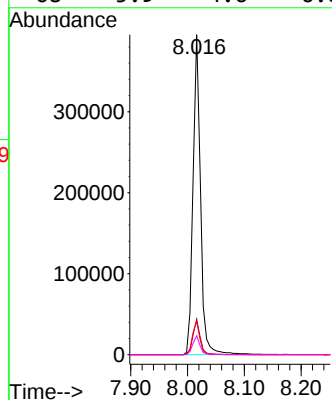
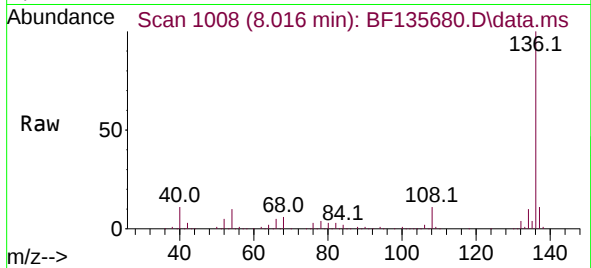




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135680.D
Acq: 10 Oct 2023 12:17

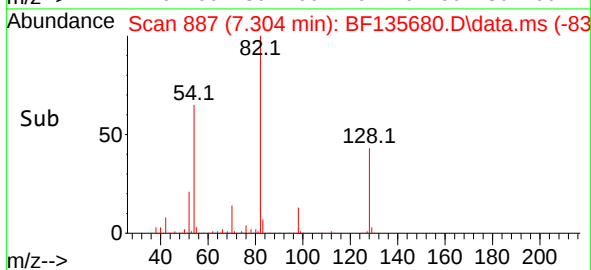
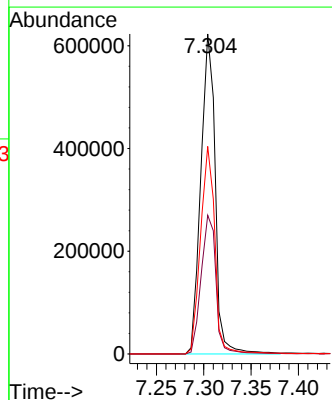
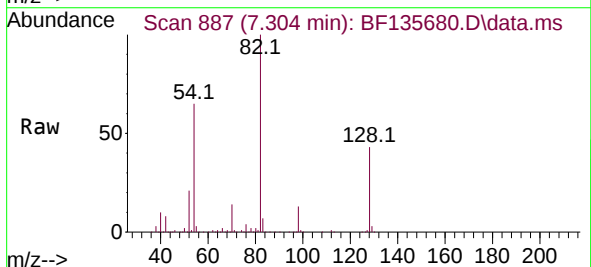
Instrument :
BNA_F
ClientSampleId :
PB156142TB

Tgt Ion:136 Resp: 363923
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.3 7.7 11.5
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 98.462 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135680.D
Acq: 10 Oct 2023 12:17

Tgt Ion: 82 Resp: 659543
Ion Ratio Lower Upper
82 100
128 43.4 35.8 53.6
54 64.8 50.6 76.0

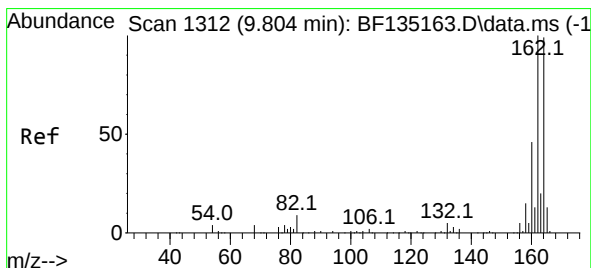
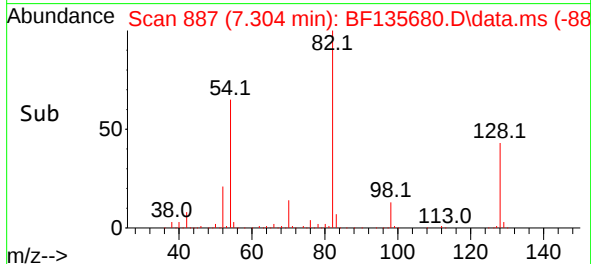
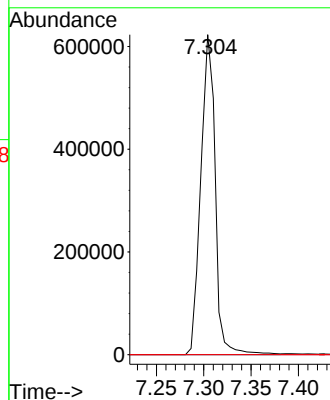
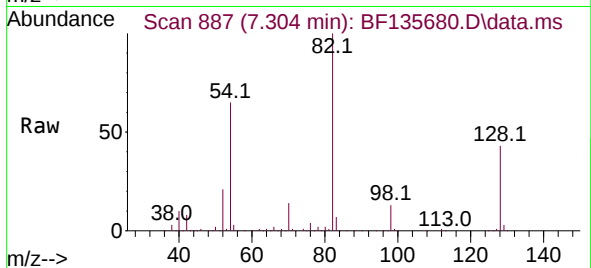




#25
Isophorone
Concen: 53.621 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135680.D
Acq: 10 Oct 2023 12:17

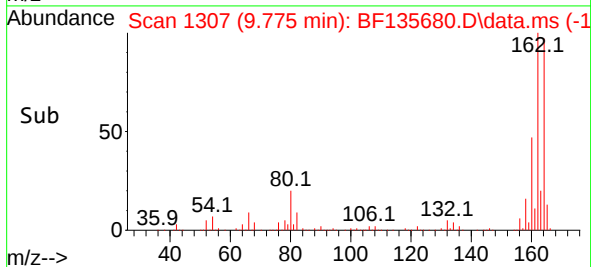
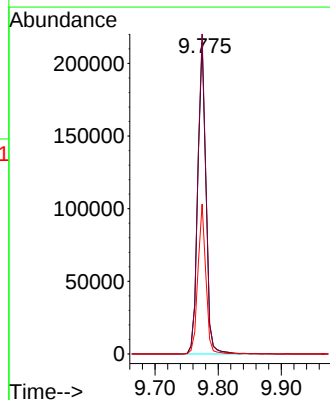
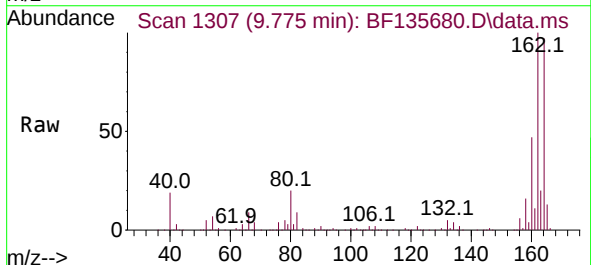
Instrument :
BNA_F
ClientSampleId :
PB156142TB

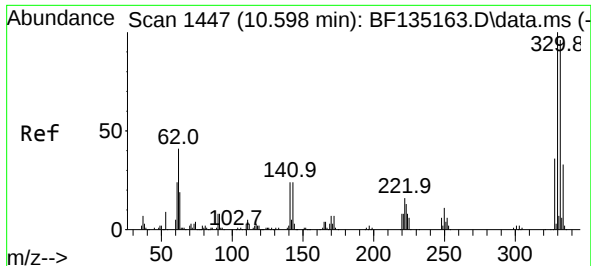
Tgt Ion: 82 Resp: 659543
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135680.D
Acq: 10 Oct 2023 12:17

Tgt Ion: 164 Resp: 192881
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.4
160 48.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 151.122 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF135680.D

Acq: 10 Oct 2023 12:17

Instrument :

BNA_F

ClientSampleId :

PB156142TB

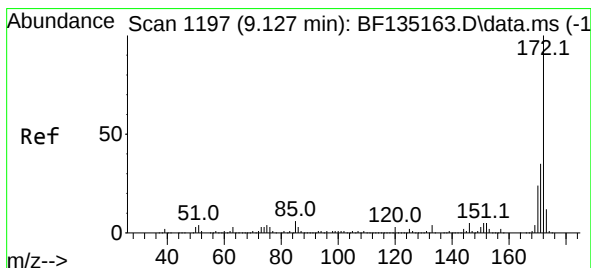
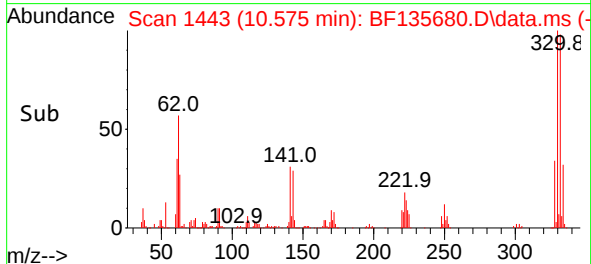
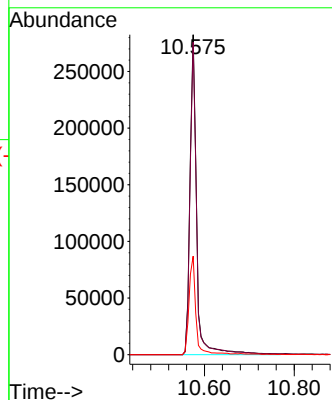
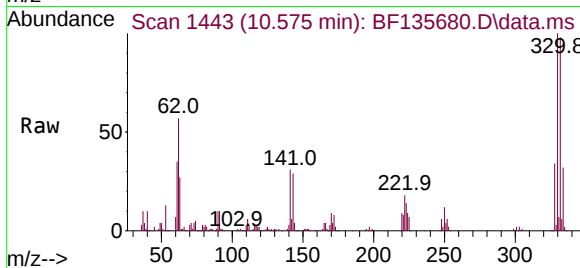
Tgt Ion:330 Resp: 289666

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 31.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 94.559 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135680.D

Acq: 10 Oct 2023 12:17

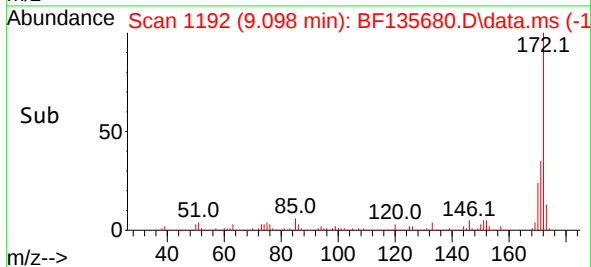
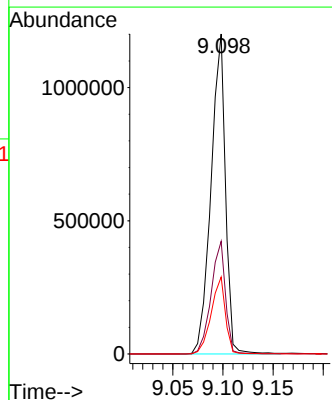
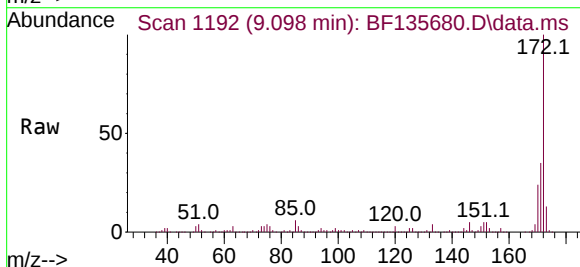
Tgt Ion:172 Resp: 1208885

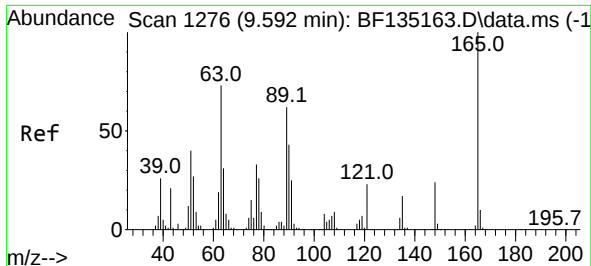
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.1 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.617 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF135680.D

Acq: 10 Oct 2023 12:17

Instrument :

BNA_F

ClientSampleId :

PB156142TB

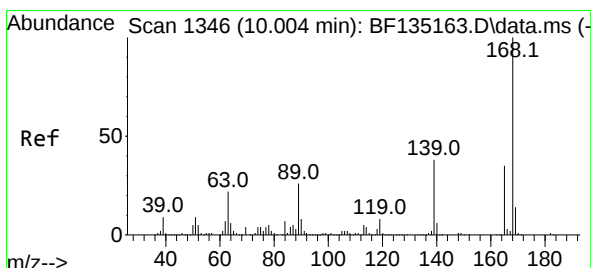
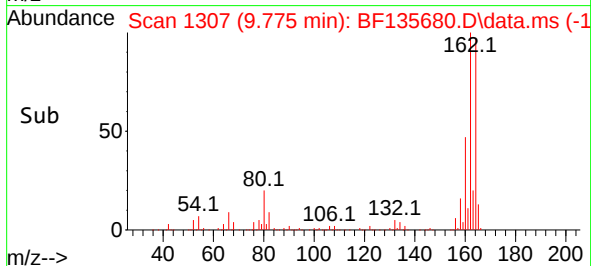
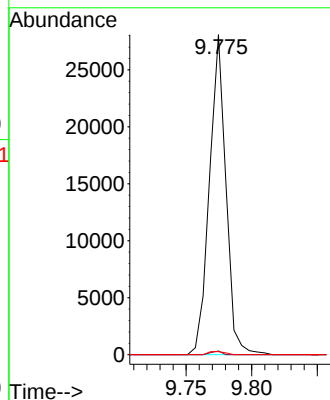
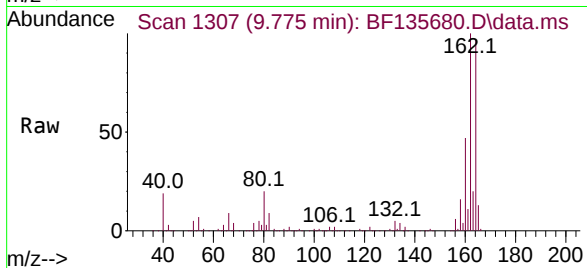
Tgt Ion:165 Resp: 24617

Ion Ratio Lower Upper

165 100

63 1.1 59.4 89.2#

89 1.0 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.883 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.218 min

Lab File: BF135680.D

Acq: 10 Oct 2023 12:17

Tgt Ion:165 Resp: 24617

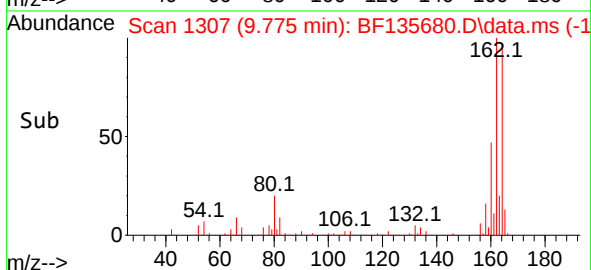
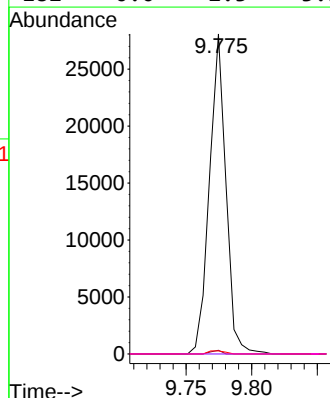
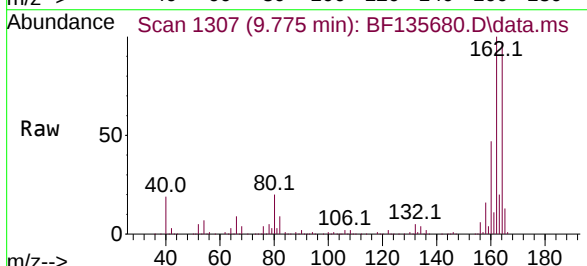
Ion Ratio Lower Upper

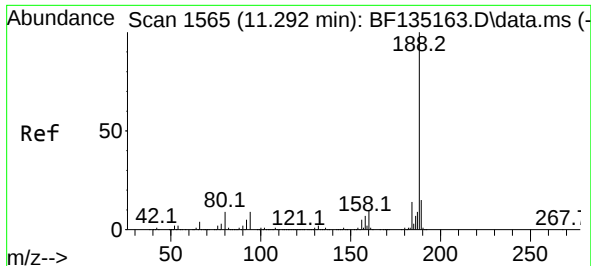
165 100

63 1.1 50.1 75.1#

89 1.0 59.3 88.9#

182 0.0 2.3 3.5#

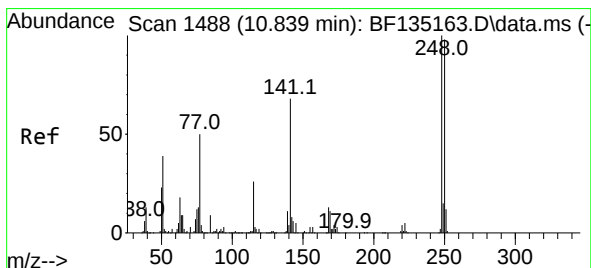
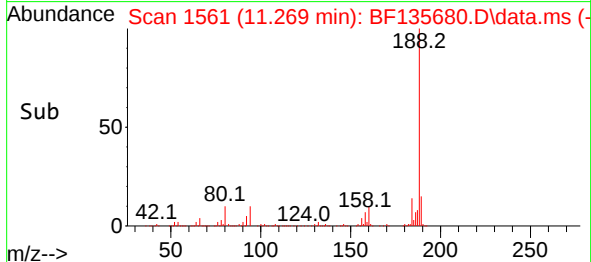
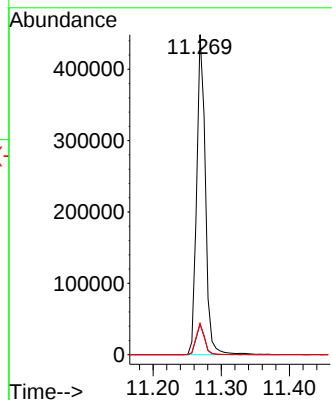
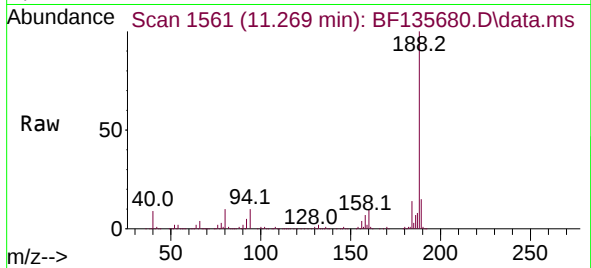




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135680.D
Acq: 10 Oct 2023 12:17

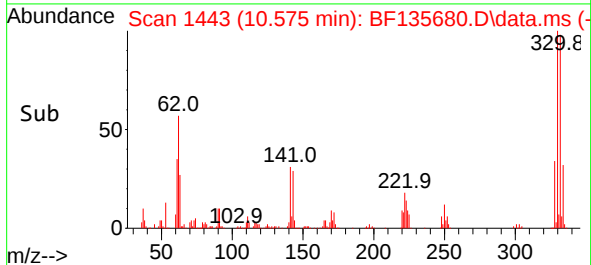
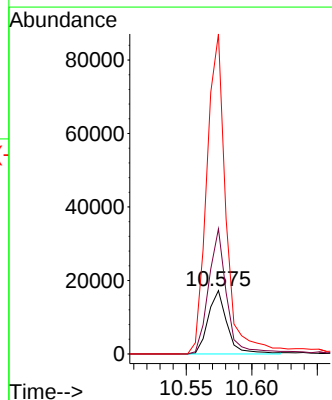
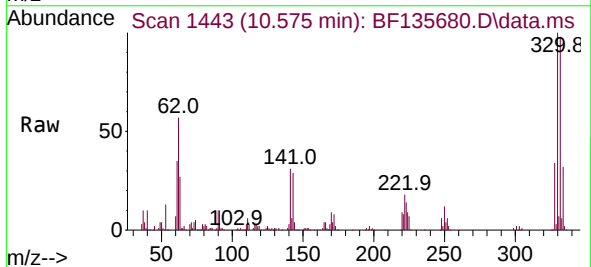
Instrument :
BNA_F
ClientSampleId :
PB156142TB

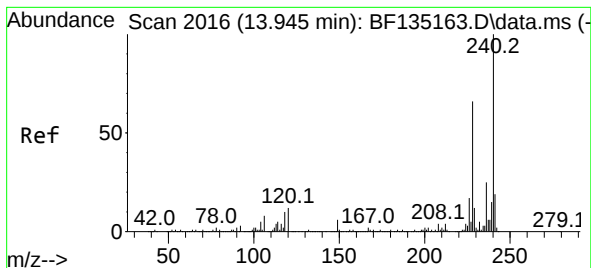
Tgt Ion:188 Resp: 394655
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.443 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF135680.D
Acq: 10 Oct 2023 12:17

Tgt Ion:248 Resp: 17439
Ion Ratio Lower Upper
248 100
250 197.5 78.6 117.8#
141 505.4 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135680.D

Acq: 10 Oct 2023 12:17

Instrument :

BNA_F

ClientSampleId :

PB156142TB

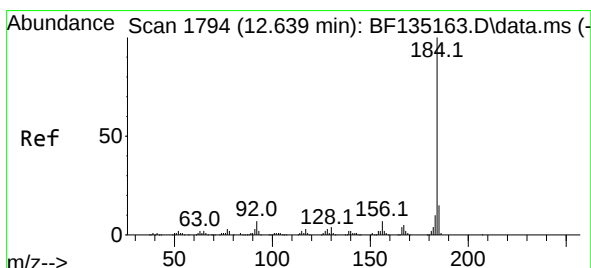
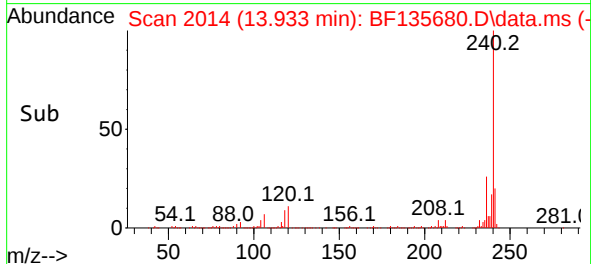
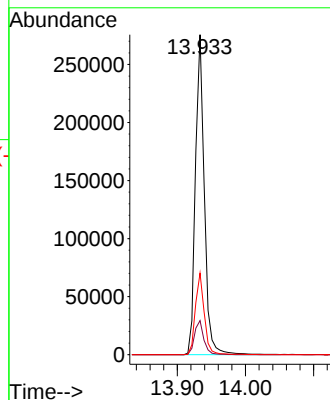
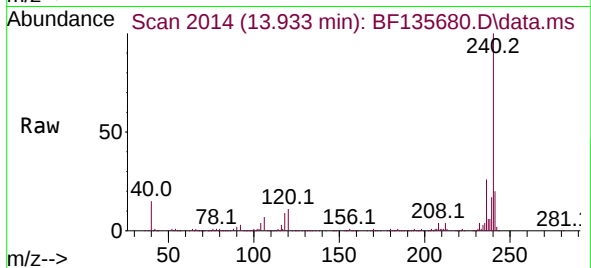
Tgt Ion:240 Resp: 248659

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 25.5 19.8 29.8



#77

Benzdine

Concen: 3.410 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.241 min

Lab File: BF135680.D

Acq: 10 Oct 2023 12:17

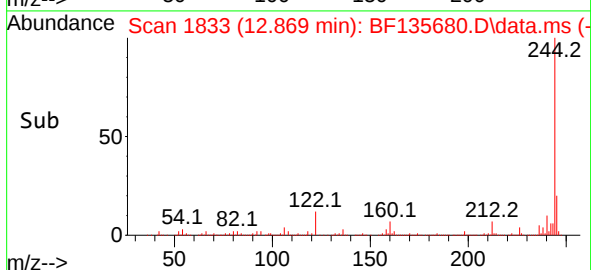
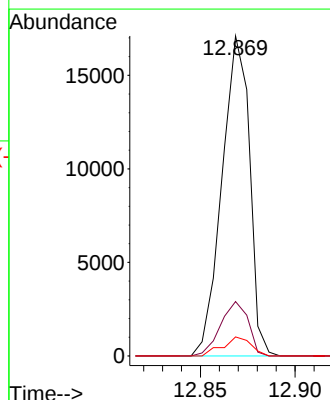
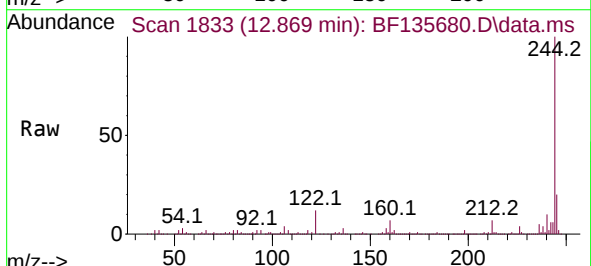
Tgt Ion:184 Resp: 17369

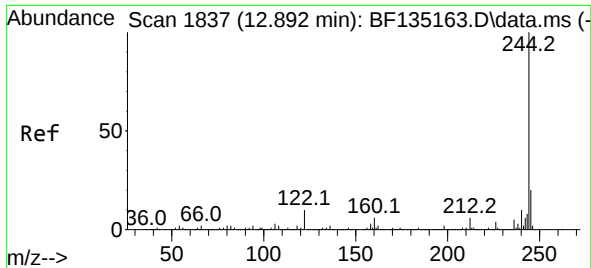
Ion Ratio Lower Upper

184 100

185 17.0 11.7 17.5

183 6.0 8.2 12.4#

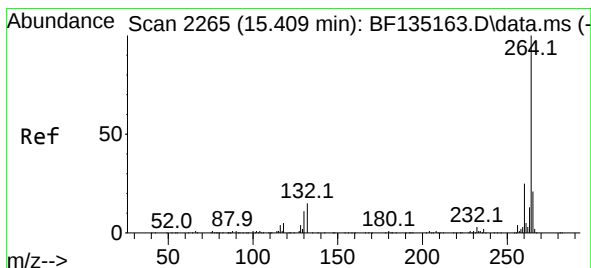
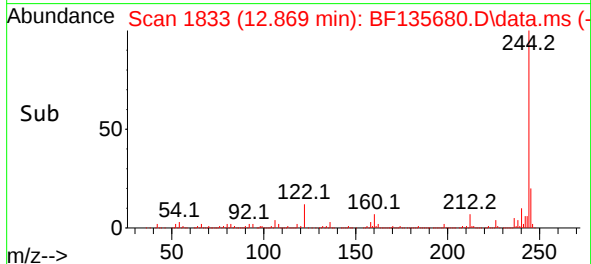
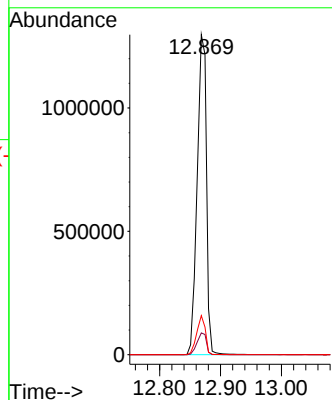
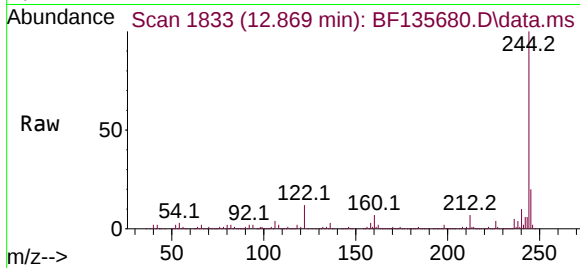




#79
 Terphenyl-d14
 Concen: 85.679 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF135680.D
 Acq: 10 Oct 2023 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB156142TB

Tgt Ion:244 Resp: 1374332
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.2 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.000 min
 Lab File: BF135680.D
 Acq: 10 Oct 2023 12:17

Tgt Ion:264 Resp: 207084
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.8 29.6
 265 23.7 17.0 25.4

