

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132285.D
 Acq On : 02 Feb 2023 11:11
 Operator : CG\JU
 Sample : PB150609BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150609BL

Quant Time: Feb 03 00:35:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

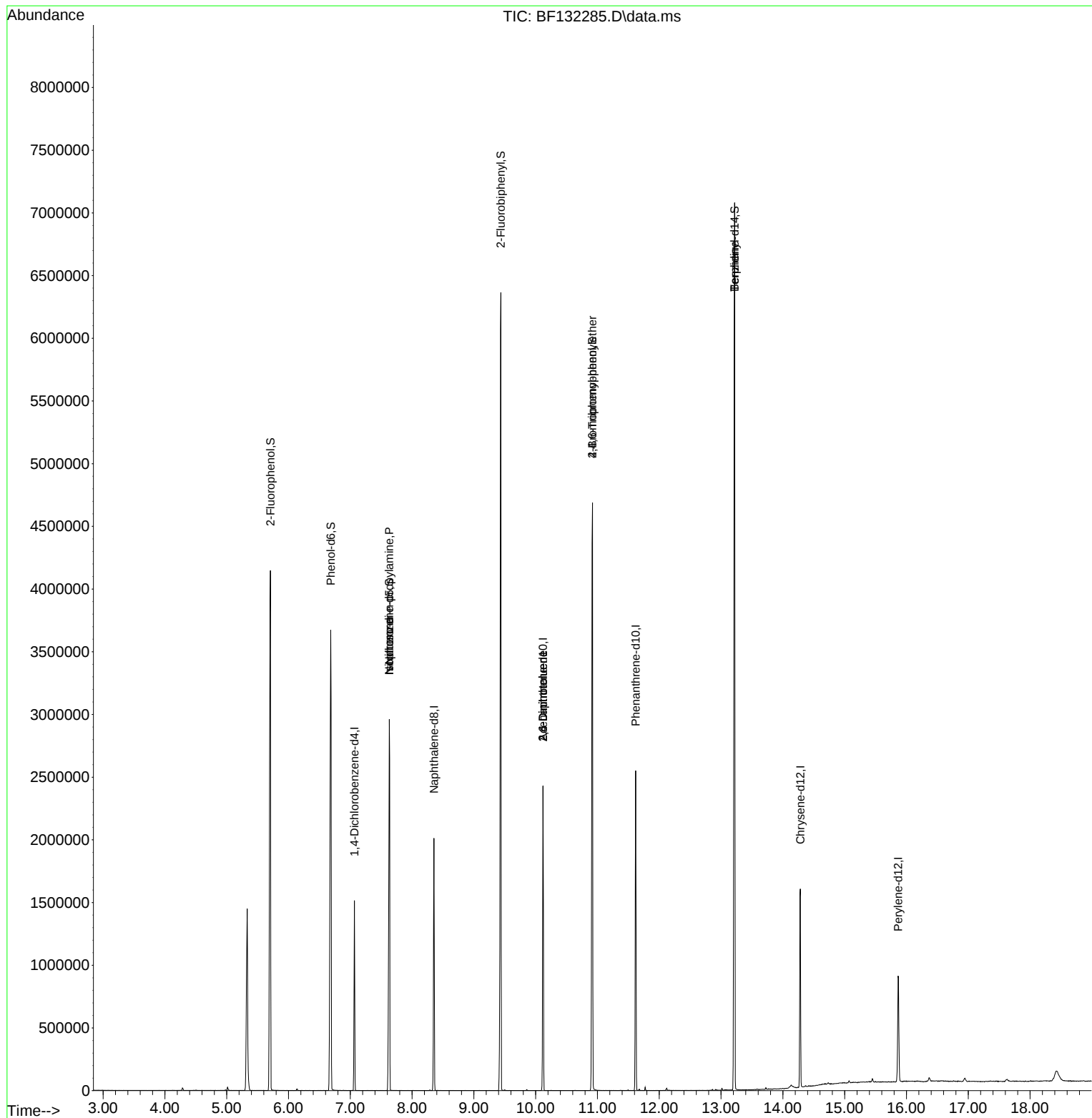
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	220117	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	867861	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	462757	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	888279	20.000	ng	0.00
76) Chrysene-d12	14.283	240	533600	20.000	ng	0.00
86) Perylene-d12	15.866	264	404449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1574230	114.958	ng	0.02
7) Phenol-d6	6.684	99	1987563	117.727	ng	0.00
23) Nitrobenzene-d5	7.631	82	1254687	80.451	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	701193	147.346	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	2205965	73.615	ng	0.00
79) Terphenyl-d14	13.219	244	2658996	96.394	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.631	70	157156	16.388	ng	# 78
25) Isophorone	7.631	82	1253553	42.349	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	60379	8.352	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	60379	6.429	ng	# 23
67) 4-Bromophenyl-phenylether	10.919	248	40194	4.419	ng	# 1
77) Benzidine	13.219	184	42875	2.298	ng	# 96

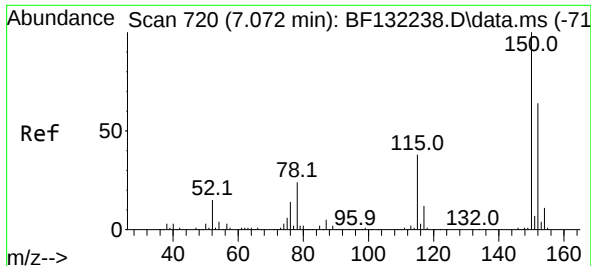
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

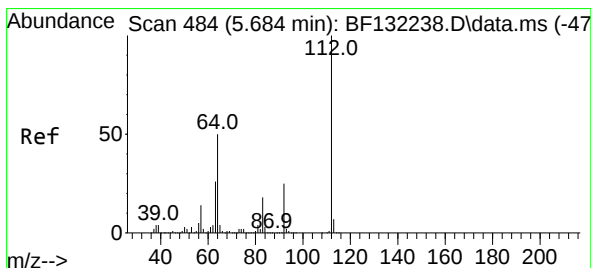
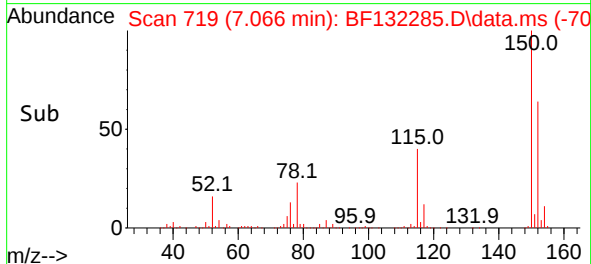
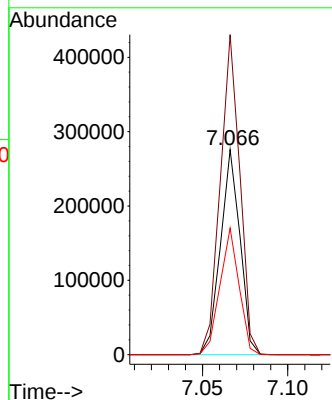
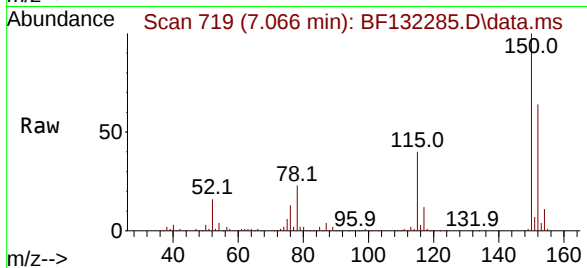




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132285.D
 Acq: 02 Feb 2023 11:11

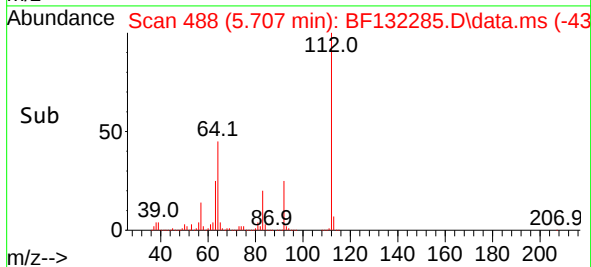
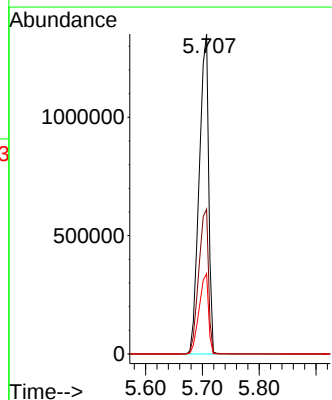
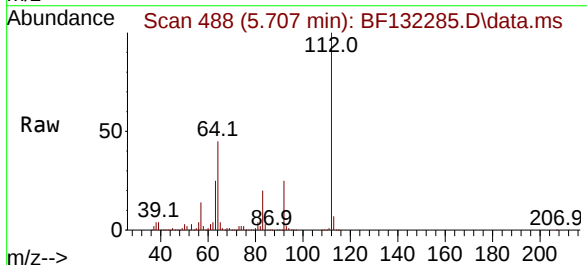
Instrument :
 BNA_F
 ClientSampleId :
 PB150609BL

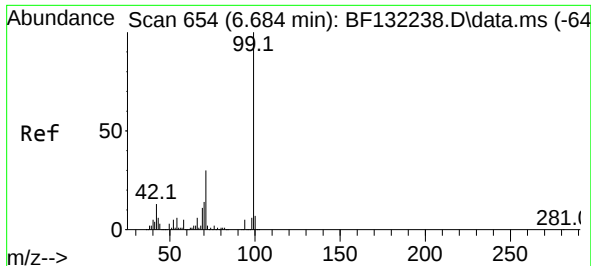
Tgt Ion:152 Resp: 220117
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.2 186.2
 115 61.7 47.3 70.9



#5
 2-Fluorophenol
 Concen: 114.958 ng
 RT: 5.707 min Scan# 488
 Delta R.T. 0.023 min
 Lab File: BF132285.D
 Acq: 02 Feb 2023 11:11

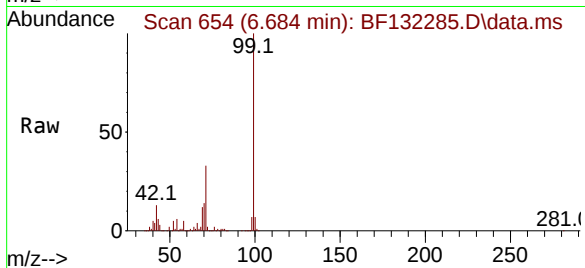
Tgt Ion:112 Resp: 1574230
 Ion Ratio Lower Upper
 112 100
 64 45.3 40.0 60.0
 63 25.1 20.5 30.7





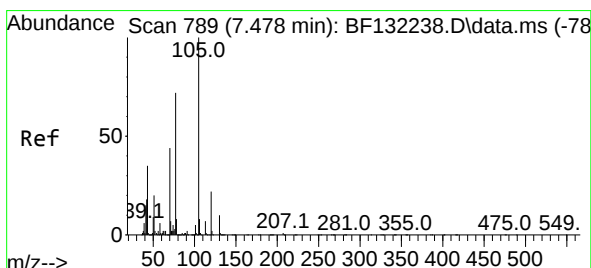
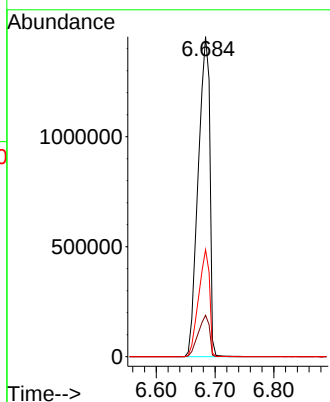
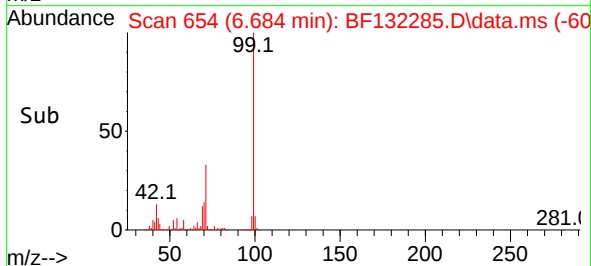
#7
Phenol-d6
Concen: 117.727 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132285.D
Acq: 02 Feb 2023 11:11

Instrument :
BNA_F
ClientSampleId :
PB150609BL

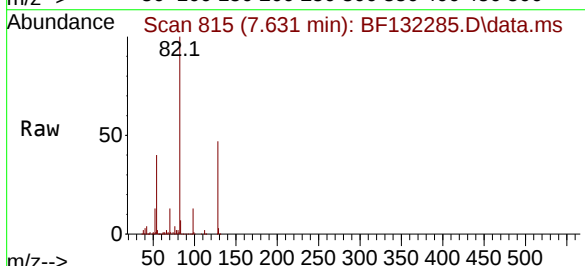


Tgt Ion: 99 Resp: 1987563

Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.1	15.1
71	33.5	24.2	36.4

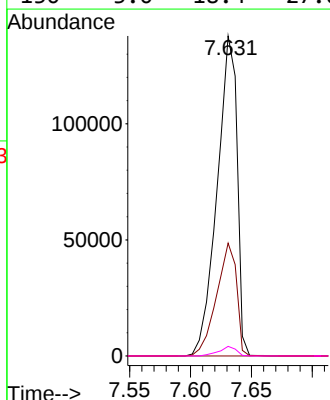
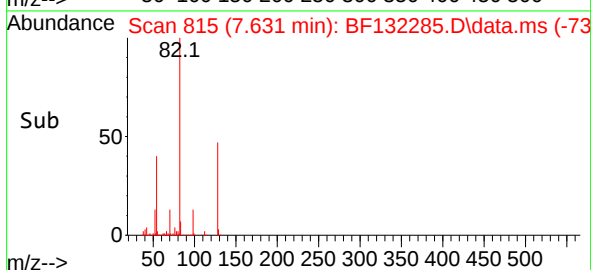


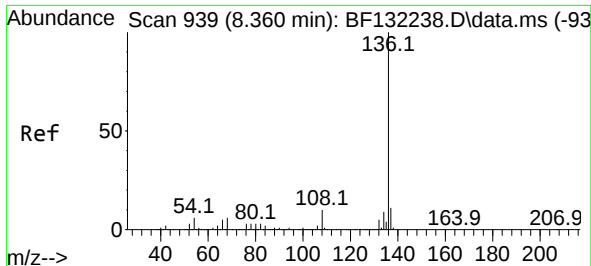
#19
n-Nitroso-di-n-propylamine
Concen: 16.388 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132285.D
Acq: 02 Feb 2023 11:11



Tgt Ion: 70 Resp: 157156

Ion	Ratio	Lower	Upper
70	100		
42	35.3	33.4	50.0
101	0.0	8.2	12.4#
130	3.0	18.4	27.6#

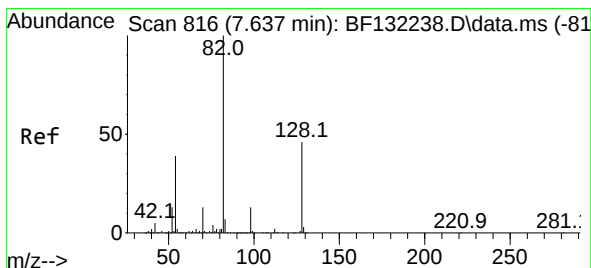
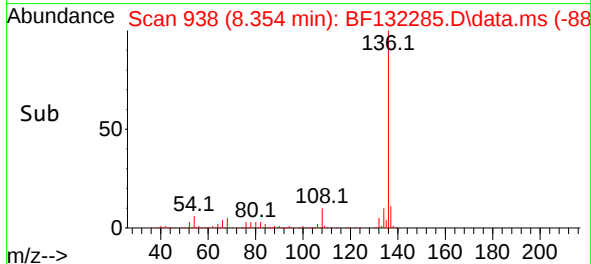
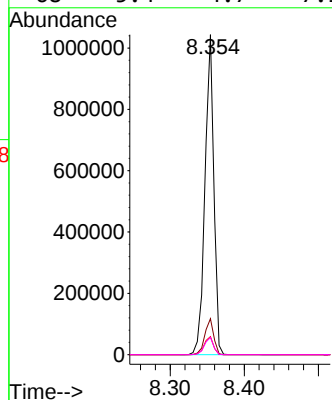
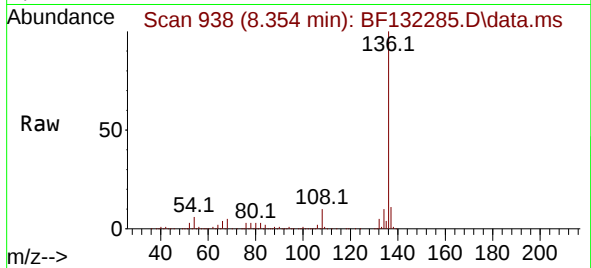




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132285.D
Acq: 02 Feb 2023 11:11

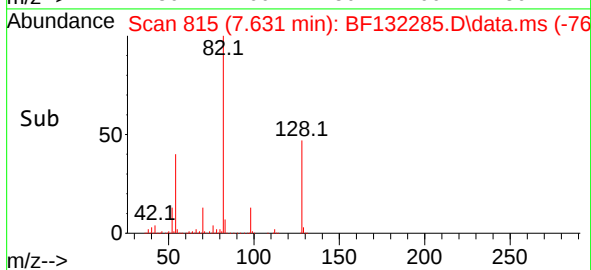
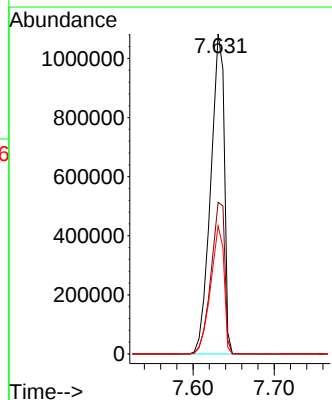
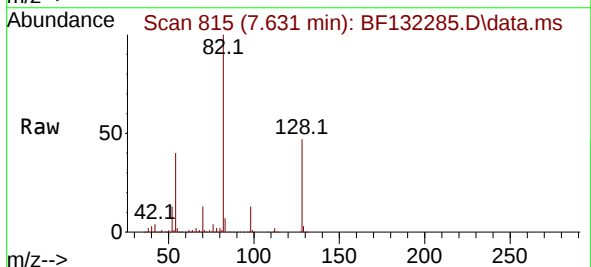
Instrument :
BNA_F
ClientSampleId :
PB150609BL

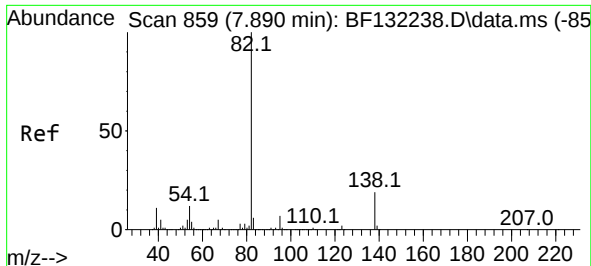
Tgt Ion:136 Resp: 867861
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.7 4.9 7.3
68 5.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 80.451 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132285.D
Acq: 02 Feb 2023 11:11

Tgt Ion: 82 Resp: 1254687
Ion Ratio Lower Upper
82 100
128 47.4 37.0 55.4
54 40.0 31.5 47.3

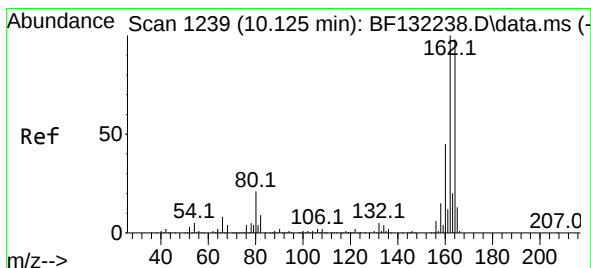
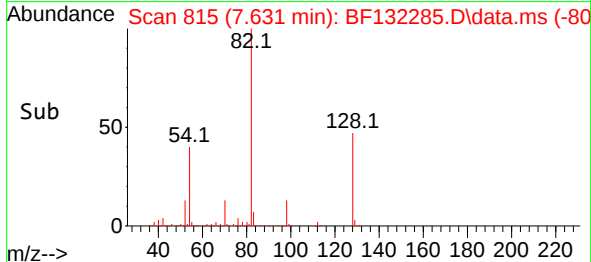
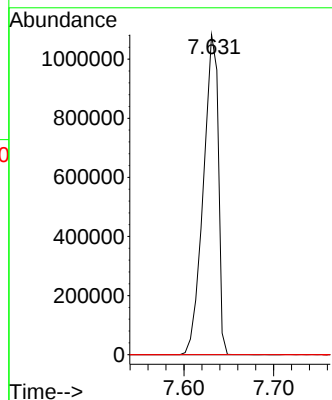
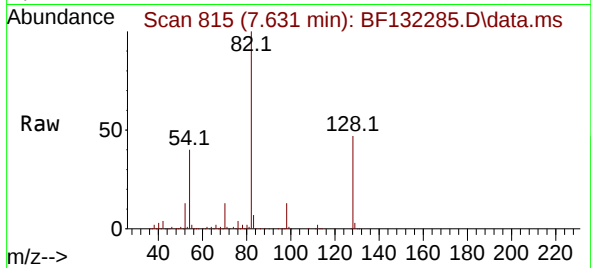




#25
Isophorone
Concen: 42.349 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132285.D
Acq: 02 Feb 2023 11:11

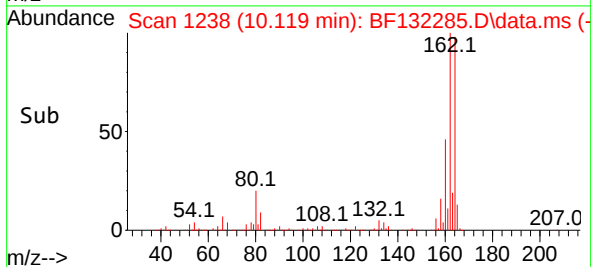
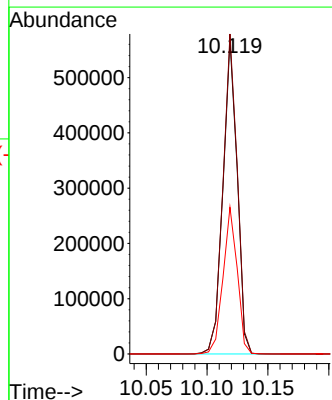
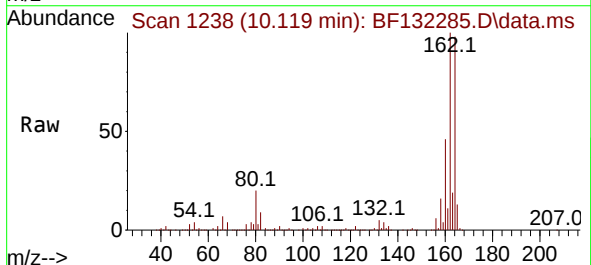
Instrument :
BNA_F
ClientSampleId :
PB150609BL

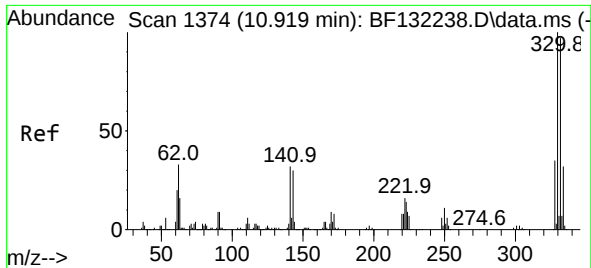
Tgt Ion: 82 Resp: 1253553
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132285.D
Acq: 02 Feb 2023 11:11

Tgt Ion:164 Resp: 462757
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 46.8 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 147.346 ng

RT: 10.919 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BF132285.D

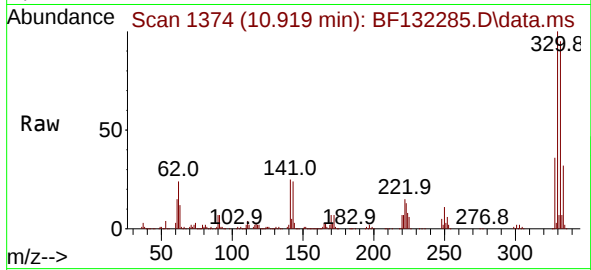
Acq: 02 Feb 2023 11:11

Instrument :

BNA_F

ClientSampleId :

PB150609BL



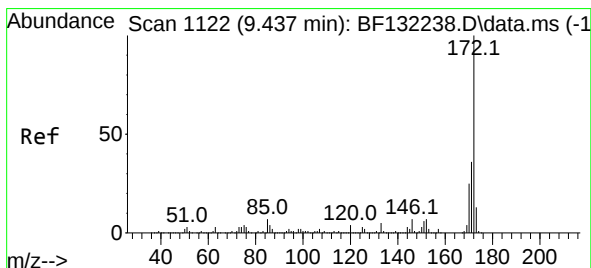
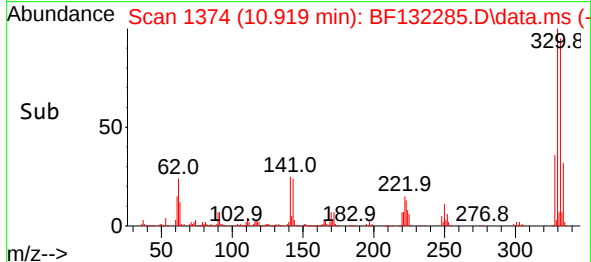
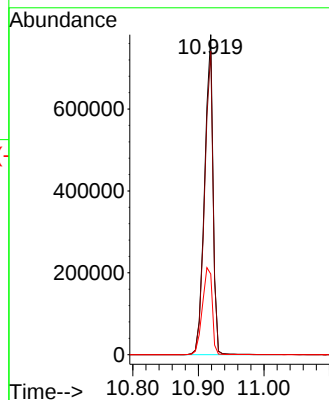
Tgt Ion:330 Resp: 701193

Ion Ratio Lower Upper

330 100

332 95.6 77.9 116.9

141 31.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 73.615 ng

RT: 9.437 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BF132285.D

Acq: 02 Feb 2023 11:11

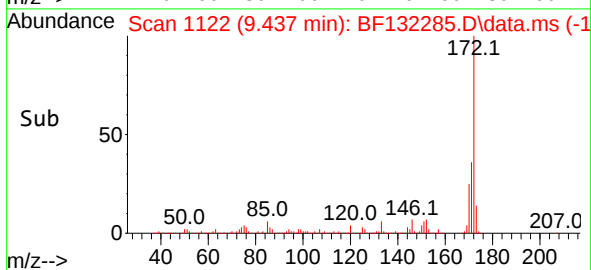
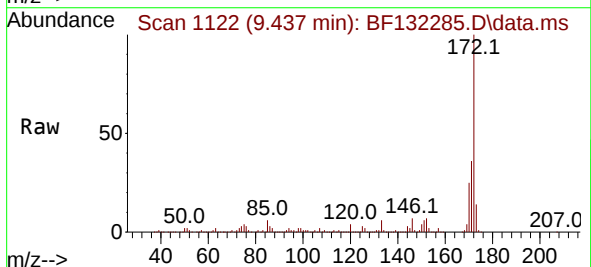
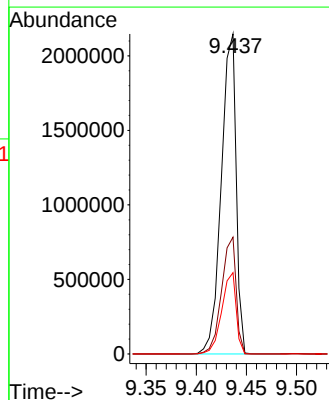
Tgt Ion:172 Resp: 2205965

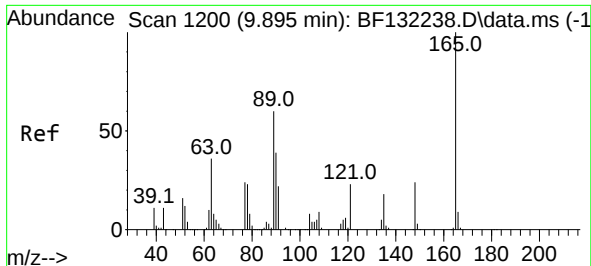
Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

170 25.4 19.7 29.5

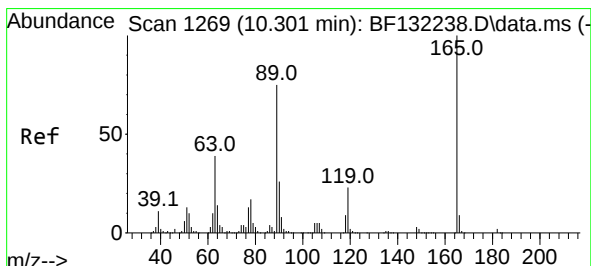
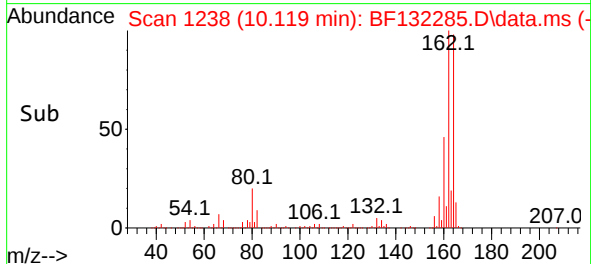
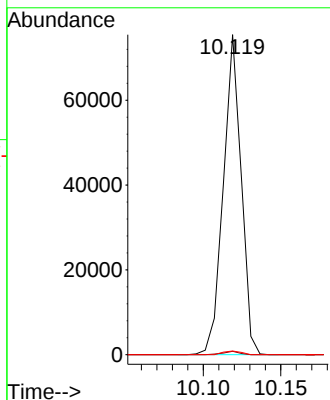
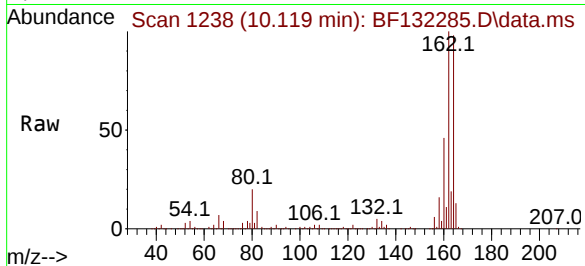




#51
2,6-Dinitrotoluene
Concen: 8.352 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.224 min
Lab File: BF132285.D
Acq: 02 Feb 2023 11:11

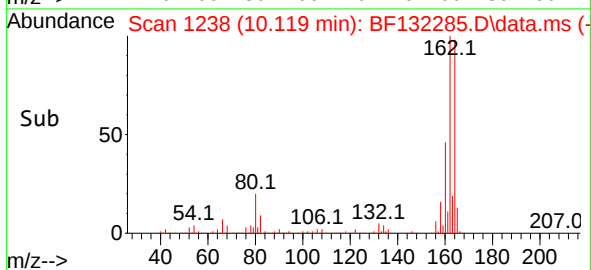
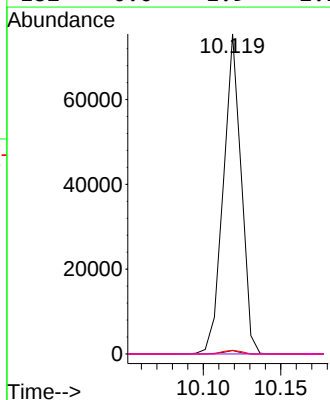
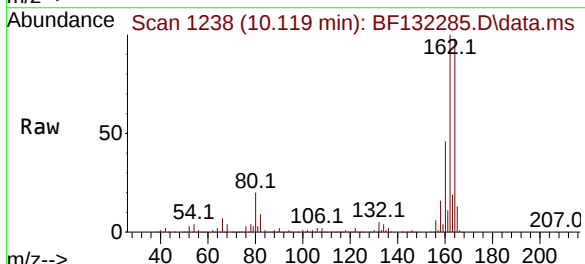
Instrument :
BNA_F
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PB150609BL

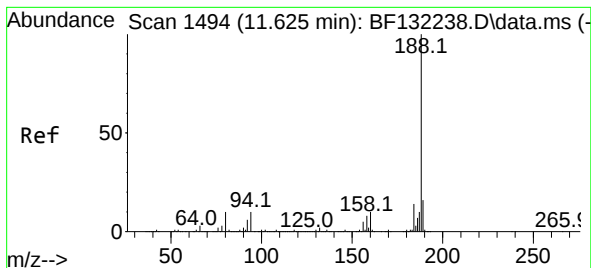
Tgt Ion:165 Resp: 60379
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.429 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.182 min
Lab File: BF132285.D
Acq: 02 Feb 2023 11:11

Tgt Ion:165 Resp: 60379
Ion Ratio Lower Upper
165 100
63 1.0 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.619 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF132285.D

Acq: 02 Feb 2023 11:11

Instrument :

BNA_F

ClientSampleId :

PB150609BL

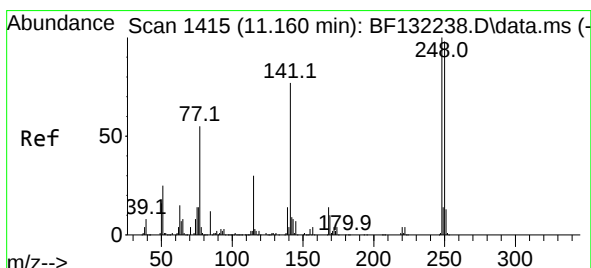
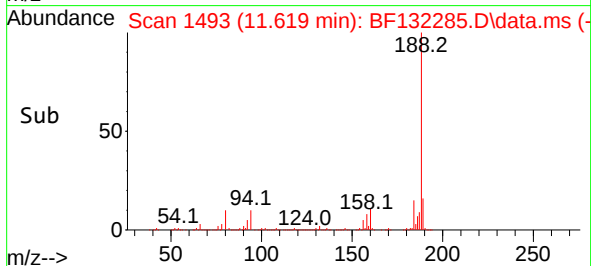
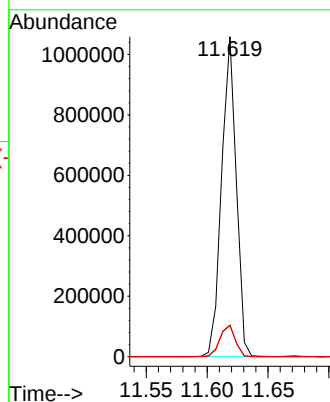
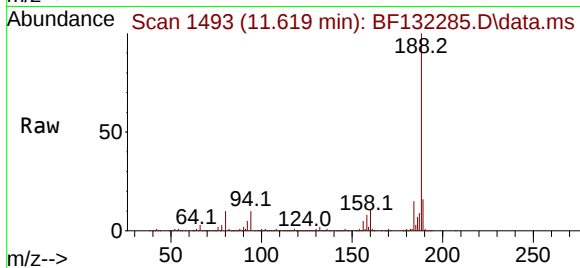
Tgt Ion:188 Resp: 888279

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 9.9 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.419 ng

RT: 10.919 min Scan# 1374

Delta R.T. -0.241 min

Lab File: BF132285.D

Acq: 02 Feb 2023 11:11

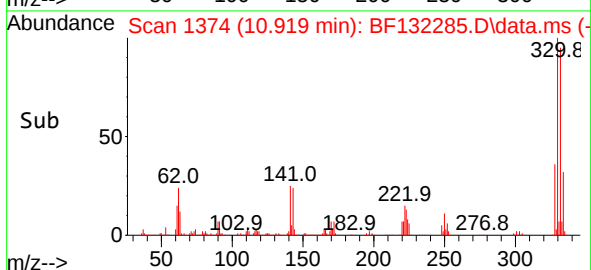
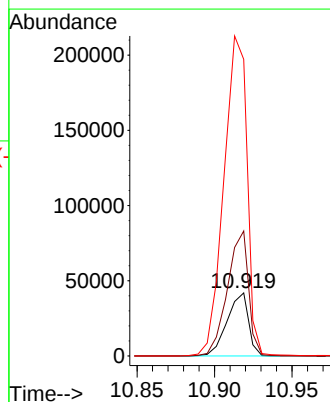
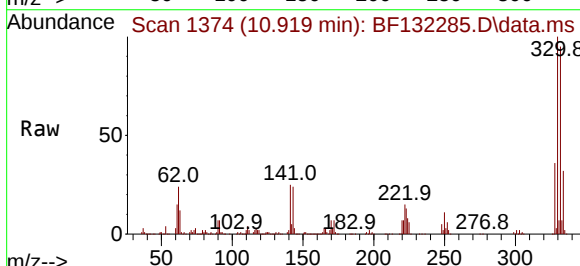
Tgt Ion:248 Resp: 40194

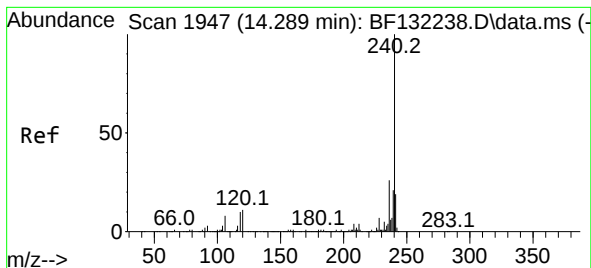
Ion Ratio Lower Upper

248 100

250 198.1 78.6 117.8#

141 470.2 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.283 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BF132285.D

Acq: 02 Feb 2023 11:11

Instrument :

BNA_F

ClientSampleId :

PB150609BL

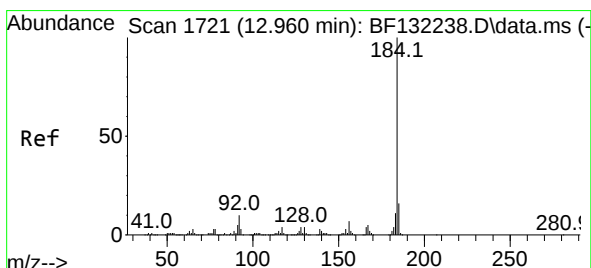
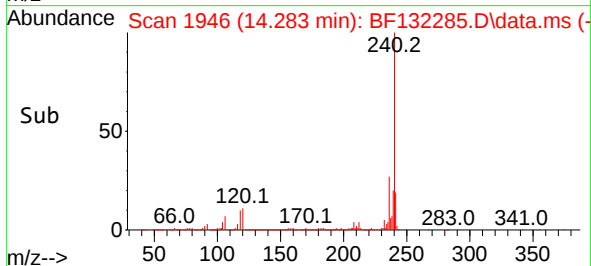
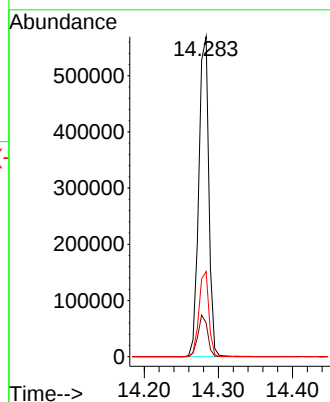
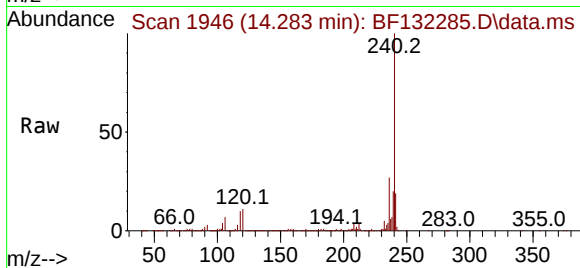
Tgt Ion:240 Resp: 533600

Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

236 26.6 21.0 31.6



#77

Benzidine

Concen: 2.298 ng

RT: 13.219 min Scan# 1765

Delta R.T. 0.259 min

Lab File: BF132285.D

Acq: 02 Feb 2023 11:11

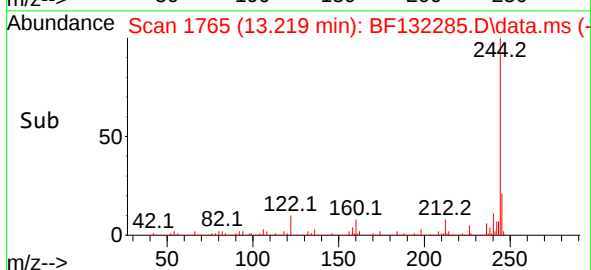
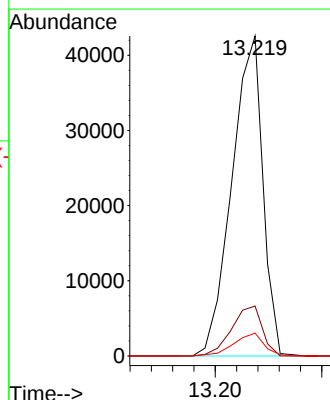
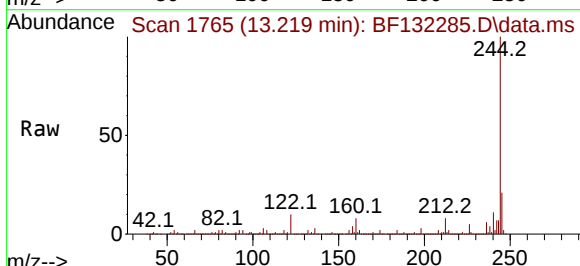
Tgt Ion:184 Resp: 42875

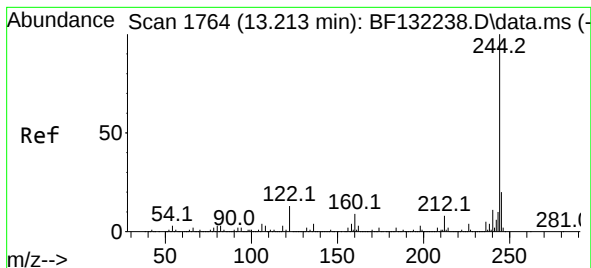
Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

183 7.1 8.9 13.3#





#79

Terphenyl-d14

Concen: 96.394 ng

RT: 13.219 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132285.D

Acq: 02 Feb 2023 11:11

Instrument :

BNA_F

ClientSampleId :

PB150609BL

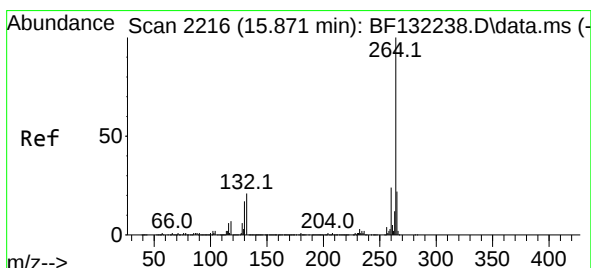
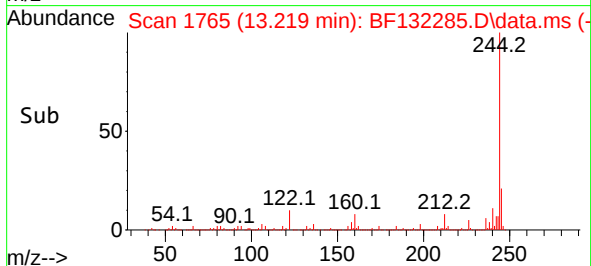
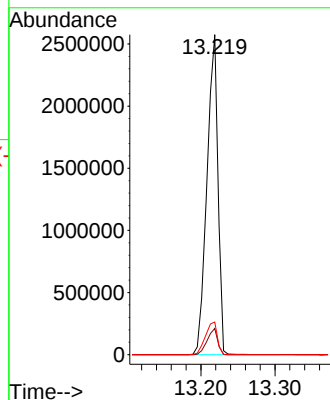
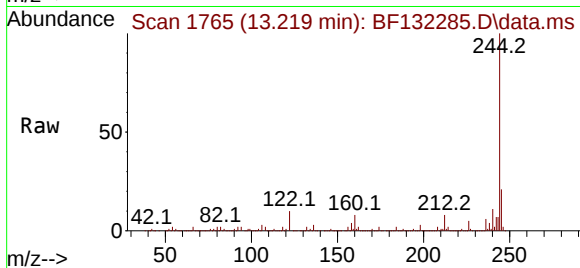
Tgt Ion:244 Resp: 2658996

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

122 10.2 10.5 15.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.866 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF132285.D

Acq: 02 Feb 2023 11:11

Tgt Ion:264 Resp: 404449

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.6 17.4 26.2

