

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132606.D
 Acq On : 02 Mar 2023 14:05
 Operator : CG\JU
 Sample : PB151132BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151132BL

Quant Time: Mar 02 14:38:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

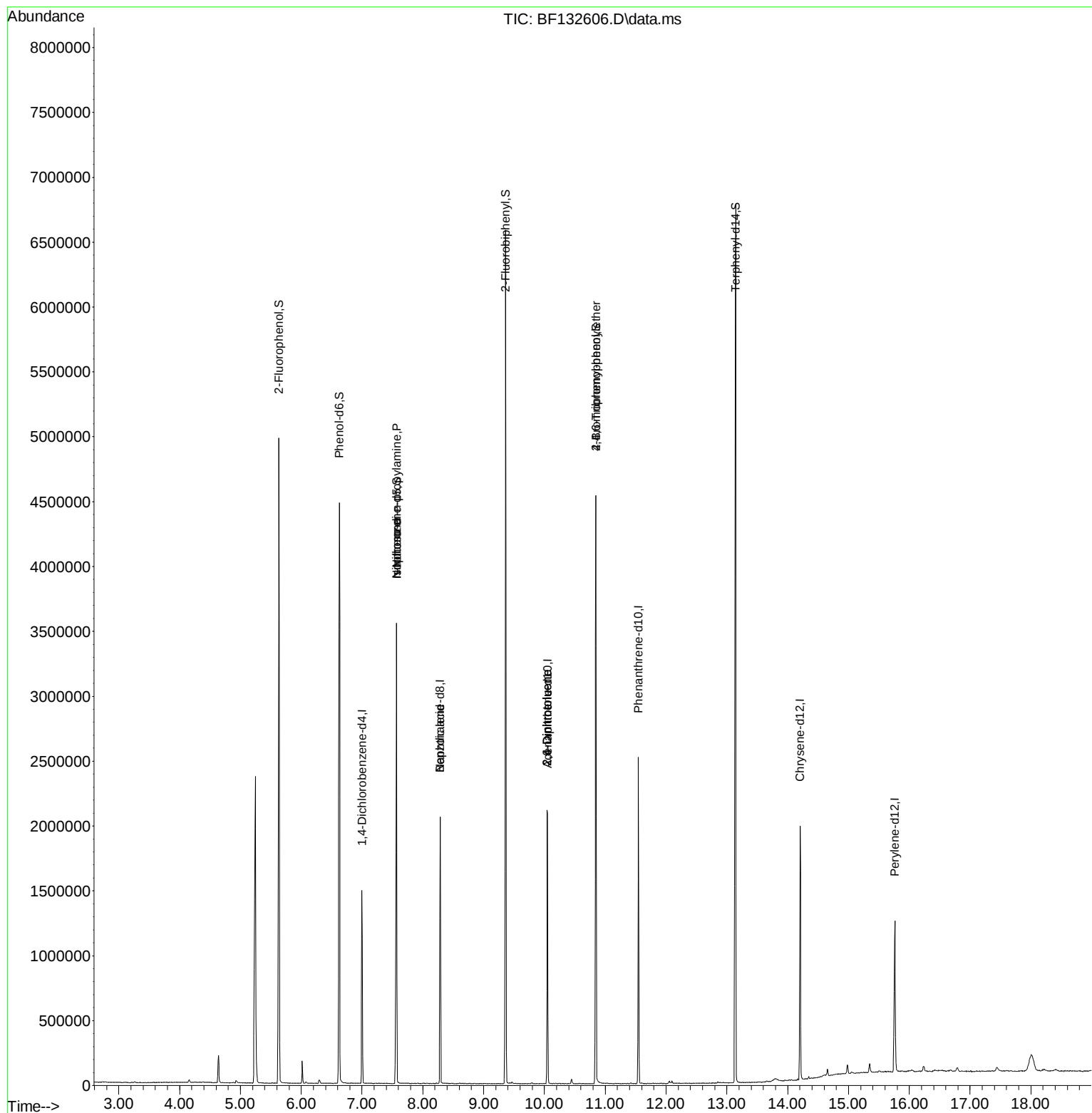
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	215006	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	805538	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	450998	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	894850	20.000	ng	0.00
76) Chrysene-d12	14.204	240	660037	20.000	ng	# 0.00
86) Perylene-d12	15.763	264	549547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1520225	114.754	ng	0.00
7) Phenol-d6	6.628	99	1947293	112.629	ng	0.00
23) Nitrobenzene-d5	7.569	82	1279569	75.364	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	568302	116.680	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2068004	69.820	ng	0.00
79) Terphenyl-d14	13.145	244	2751177	70.474	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	171659	16.133	ng	# 76
25) Isophorone	7.569	82	1279759	39.314	ng	# 67
32) Benzoic acid	8.287	122	199	3.854	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	58943	7.882	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	58943	5.924	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	38115	3.766	ng	# 1

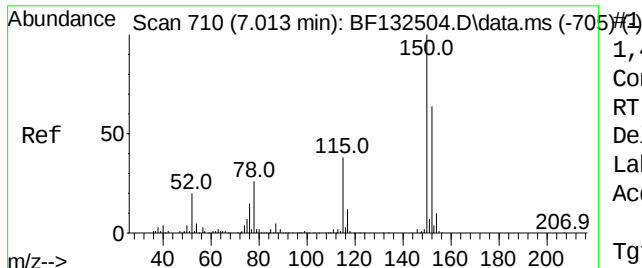
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
Data File : BF132606.D
Acq On : 02 Mar 2023 14:05
Operator : CG\JU
Sample : PB151132BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB151132BL

Quant Time: Mar 02 14:38:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

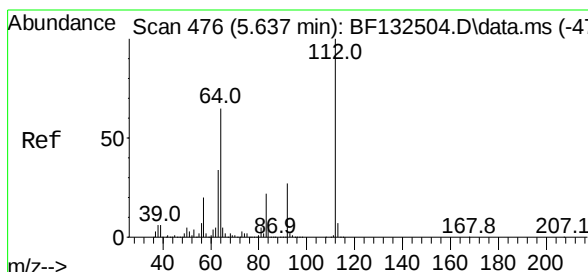
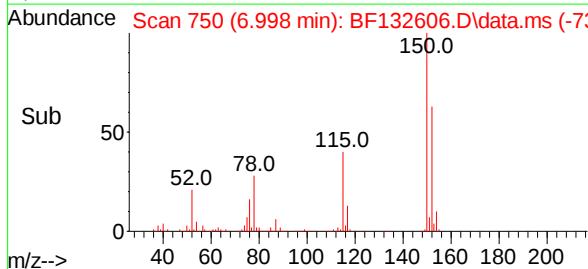
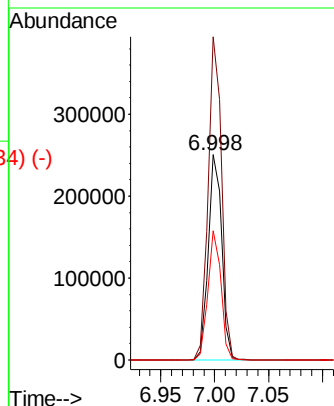
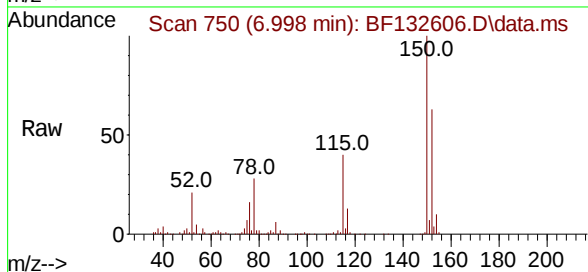




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.998 min Scan#
 Delta R.T. -0.009 min
 Lab File: BF132606.D
 Acq: 02 Mar 2023 14:05

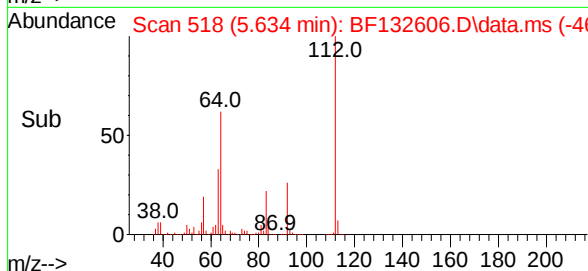
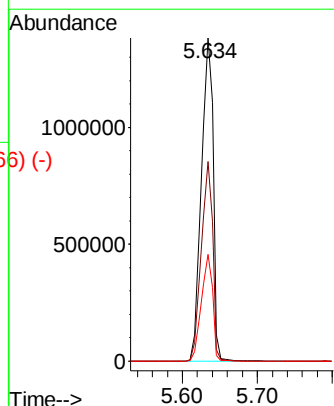
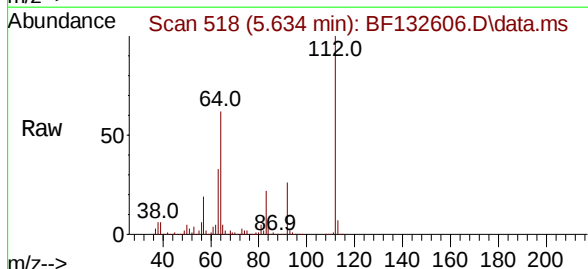
Instrument :
 BNA_F
 ClientSampleId :
 PB151132BL

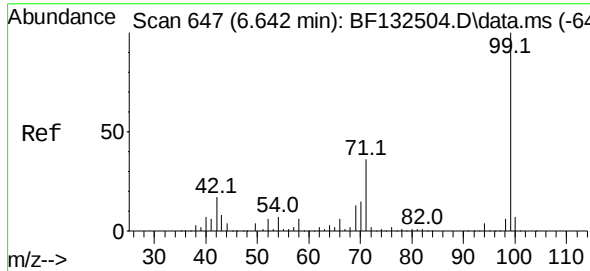
Tgt Ion:152 Resp: 215006
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.4 188.2
 115 63.0 47.8 71.6



2-Fluorophenol
 Concen: 114.754 ng
 RT: 5.634 min Scan# 518
 Delta R.T. 0.003 min
 Lab File: BF132606.D
 Acq: 02 Mar 2023 14:05

Tgt Ion:112 Resp: 1520225
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.6 77.4
 63 33.0 27.4 41.2





Phenol-d6

Concen: 112.629 ng

RT: 6.628 min Scan# 637

Delta R.T. -0.009 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB151132BL

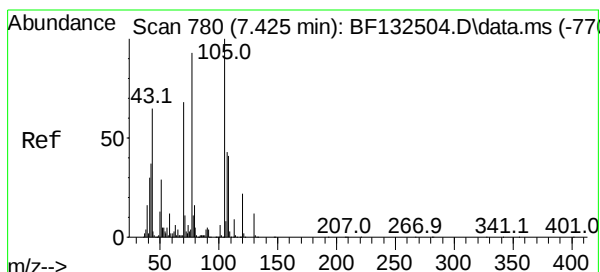
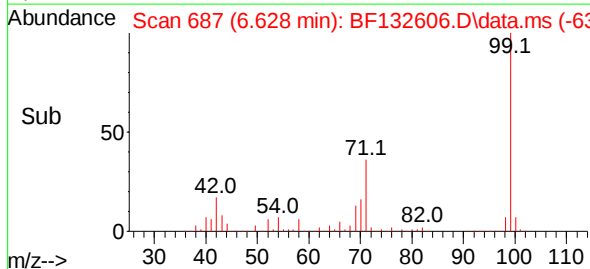
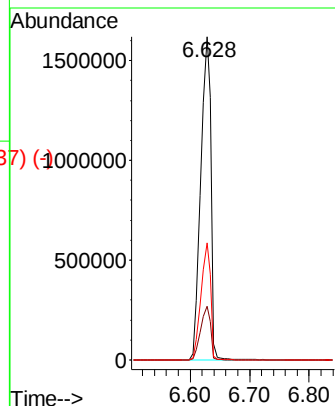
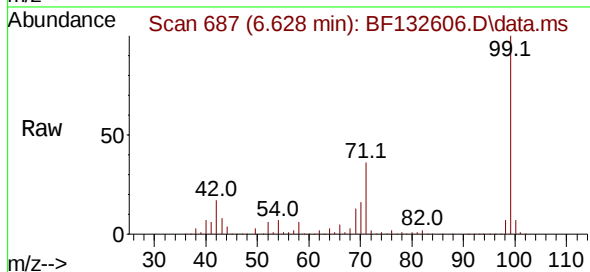
Tgt Ion: 99 Resp: 1947293

Ion Ratio Lower Upper

99 100

42 16.7 13.9 20.9

71 36.2 28.5 42.7



n-Nitroso-di-n-propylamine

Concen: 16.133 ng

RT: 7.569 min Scan# 847

Delta R.T. 0.150 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Tgt Ion: 70 Resp: 171659

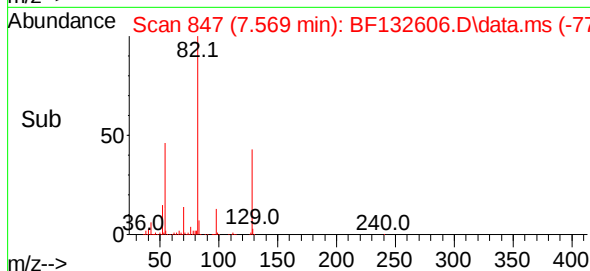
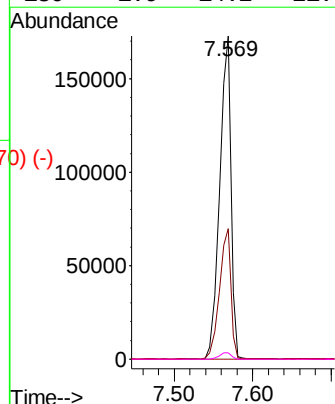
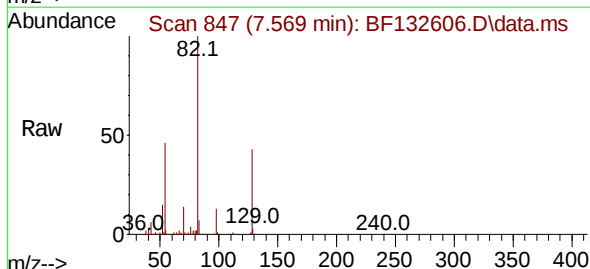
Ion Ratio Lower Upper

70 100

42 40.4 44.1 66.1#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#



Abundance Scan 929 (8.301 min): BF132504.D\data.ms (-922) #21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.287 min Scan# 969

Delta R.T. -0.003 min

Lab File: BF132606.D

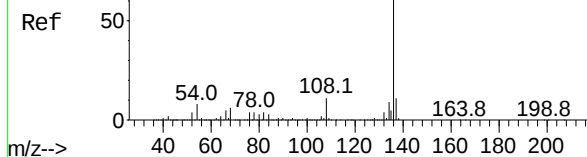
Acq: 02 Mar 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB151132BL



Tgt Ion:136 Resp: 805538

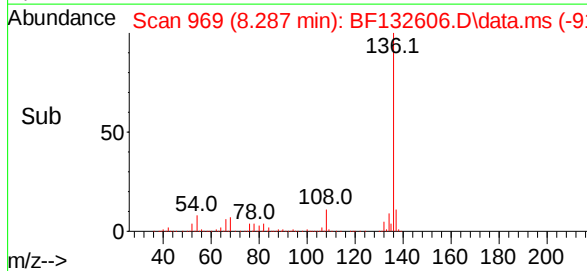
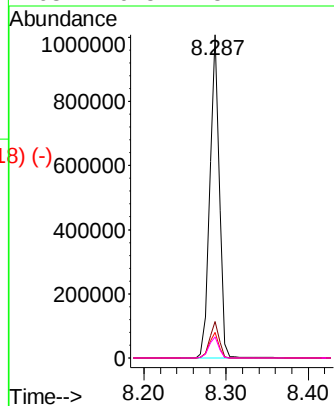
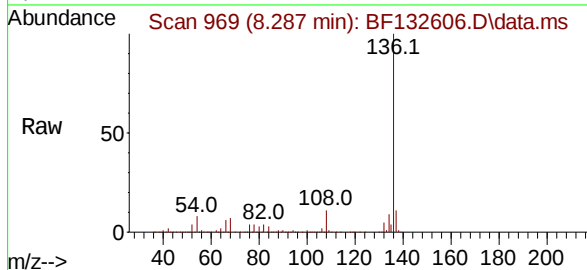
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.0 6.2 9.4

68 6.5 5.2 7.8



Abundance Scan 806 (7.578 min): BF132504.D\data.ms (-800) #23

Nitrobenzene-d5

Concen: 75.364 ng

RT: 7.569 min Scan# 847

Delta R.T. -0.003 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

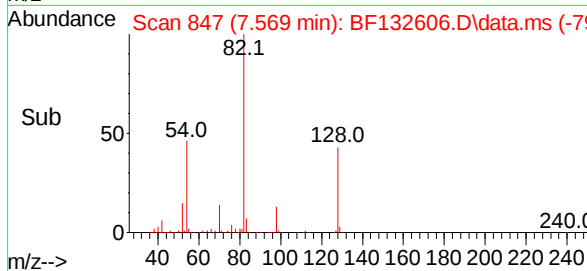
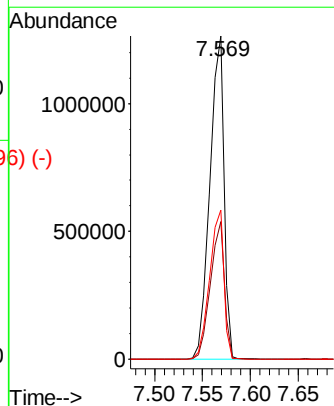
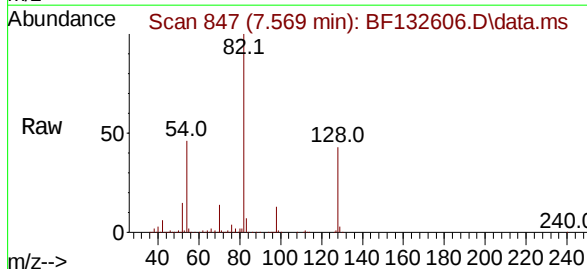
Tgt Ion: 82 Resp: 1279569

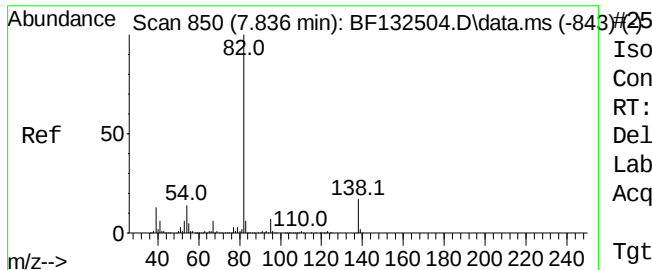
Ion Ratio Lower Upper

82 100

128 42.7 32.2 48.2

54 46.2 38.4 57.6





Isophorone

Concen: 39.314 ng

RT: 7.569 min Scan# 812

Delta R.T. -0.256 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB151132BL

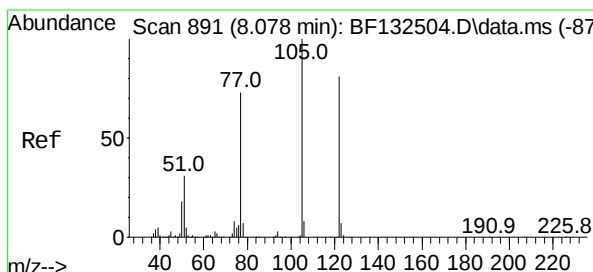
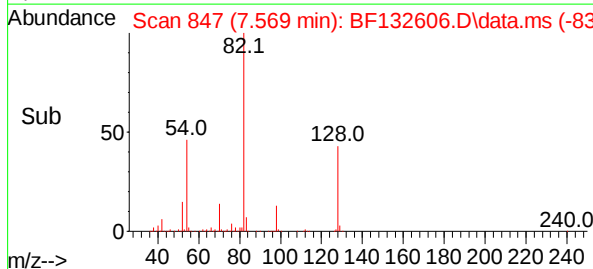
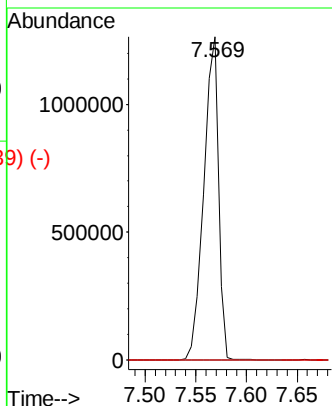
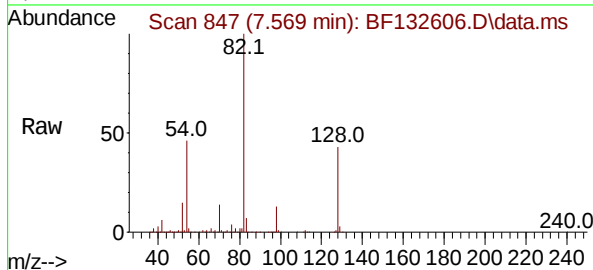
Tgt Ion: 82 Resp: 1279759

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.3 19.9#



Benzoic acid

Concen: 3.854 ng

RT: 8.287 min Scan# 969

Delta R.T. 0.221 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

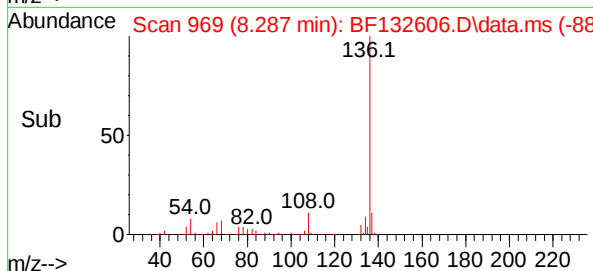
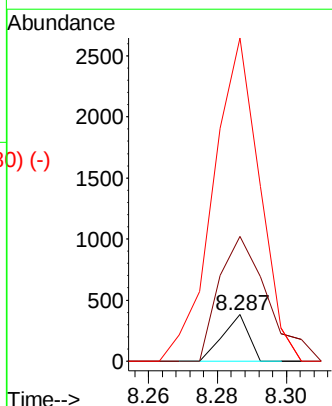
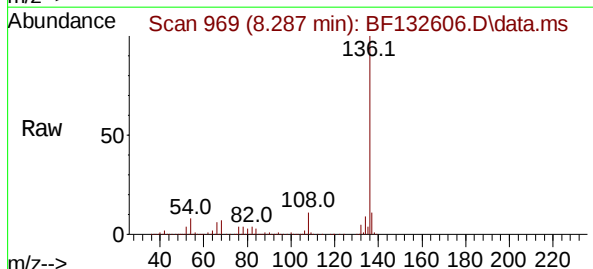
Tgt Ion: 122 Resp: 199

Ion Ratio Lower Upper

122 100

105 267.5 102.6 142.6#

77 692.7 70.2 110.2#



Abundance Scan 1228 (10.060 min): BF132504.D\data.ms (-1228) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.051 min Scan# 1229

Delta R.T. -0.003 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB151132BL

Tgt Ion:164 Resp: 450998

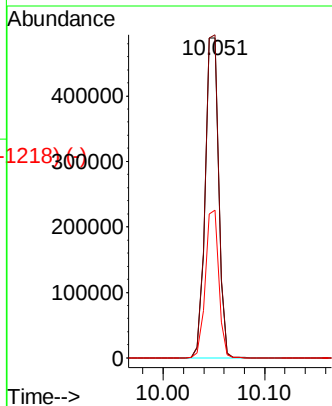
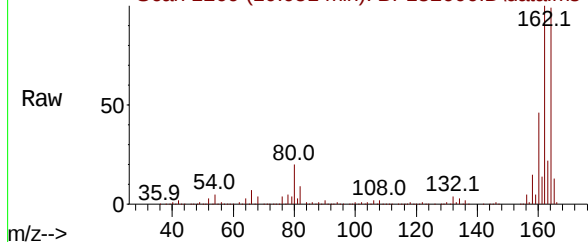
Ion Ratio Lower Upper

164 100

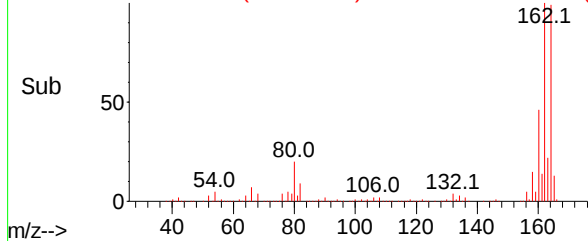
162 100.9 79.8 119.8

160 46.2 35.8 53.6

Abundance Scan 1269 (10.051 min): BF132606.D\data.ms



Abundance Scan 1269 (10.051 min): BF132606.D\data.ms (-1218) (-)



Abundance Scan 1364 (10.860 min): BF132504.D\data.ms (-1364) (-)

2,4,6-Tribromophenol

Concen: 116.680 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Tgt Ion:330 Resp: 568302

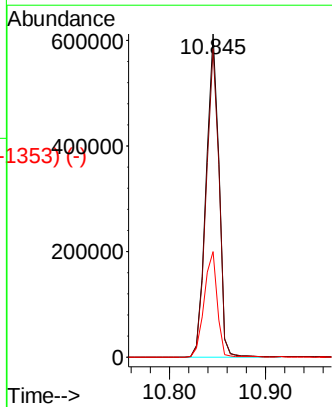
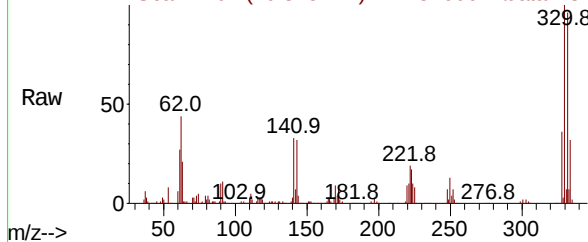
Ion Ratio Lower Upper

330 100

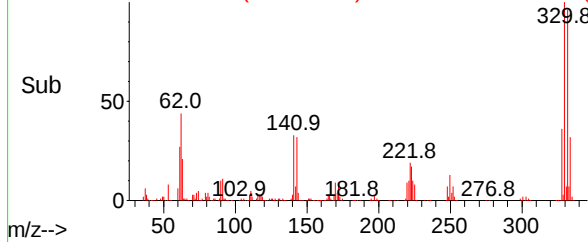
332 96.0 76.2 114.4

141 33.3 28.4 42.6

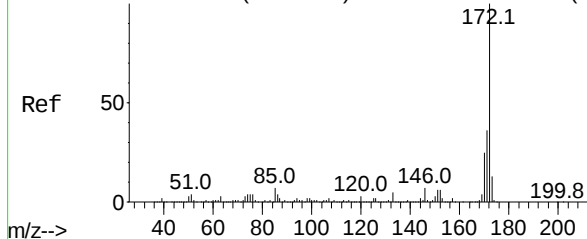
Abundance Scan 1404 (10.845 min): BF132606.D\data.ms



Abundance Scan 1404 (10.845 min): BF132606.D\data.ms (-1353) (-)



Abundance Scan 1112 (9.377 min): BF132504.D\data.ms (-110245)



2-Fluorobiphenyl

Concen: 69.820 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB151132BL

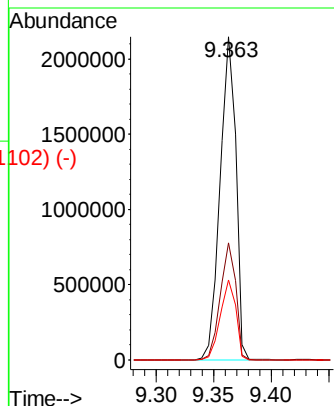
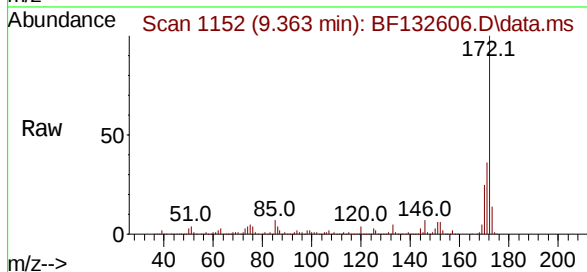
Tgt Ion:172 Resp: 2068004

Ion Ratio Lower Upper

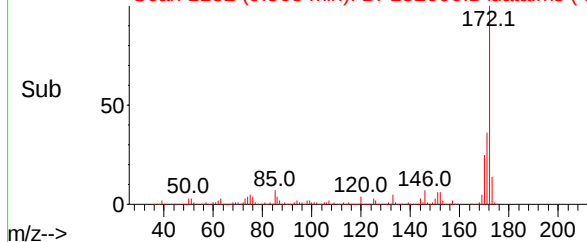
172 100

171 36.3 28.8 43.2

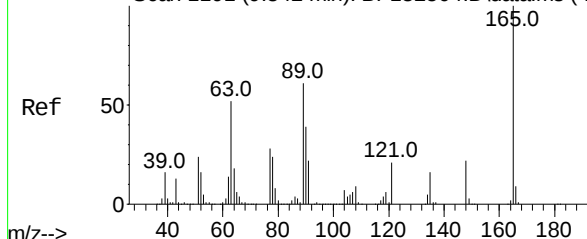
170 24.8 19.7 29.5



Abundance Scan 1152 (9.363 min): BF132606.D\data.ms (-1102) (-)



Abundance Scan 1191 (9.842 min): BF132504.D\data.ms (-11051)



2,6-Dinitrotoluene

Concen: 7.882 ng

RT: 10.045 min Scan# 1268

Delta R.T. 0.209 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

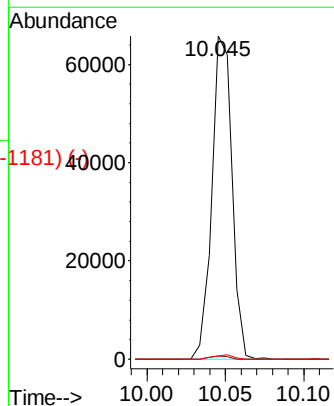
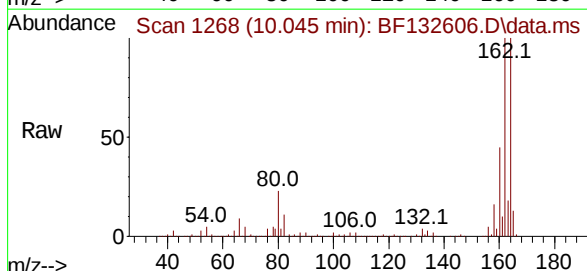
Tgt Ion:165 Resp: 58943

Ion Ratio Lower Upper

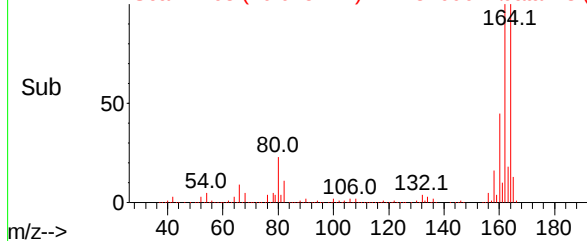
165 100

63 0.9 47.3 70.9#

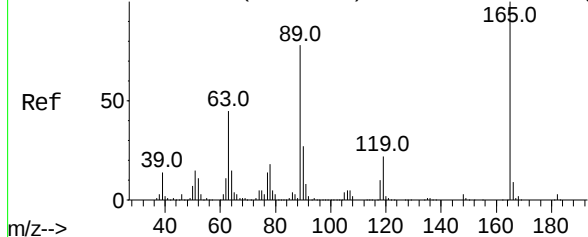
89 1.0 48.9 73.3#



Abundance Scan 1268 (10.045 min): BF132606.D\data.ms (-1181) (-)



Abundance Scan 1260 (10.248 min): BF132504.D\data.ms (-1250) (-)



2,4-Dinitrotoluene

Concen: 5.924 ng

RT: 10.045 min Scan# 1523

Delta R.T. -0.197 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB151132BL

Tgt Ion:165 Resp: 58943

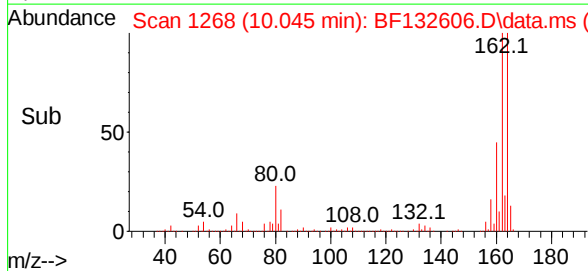
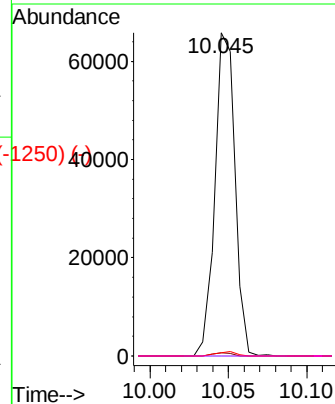
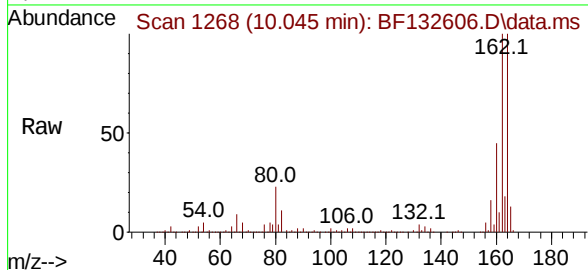
Ion Ratio Lower Upper

165 100

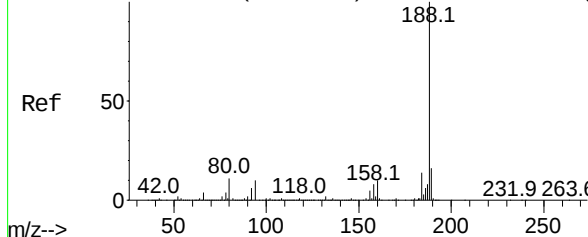
63 0.9 36.5 54.7#

89 1.0 62.4 93.6#

182 0.0 2.1 3.1#



Abundance Scan 1482 (11.554 min): BF132504.D\data.ms (-1472) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 11.545 min Scan# 1523

Delta R.T. -0.003 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

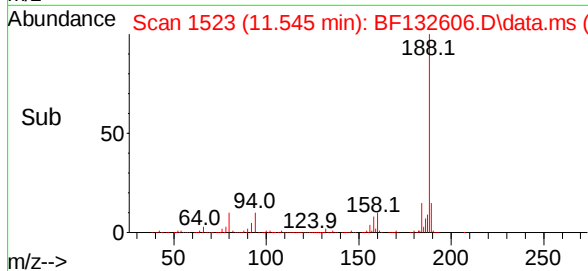
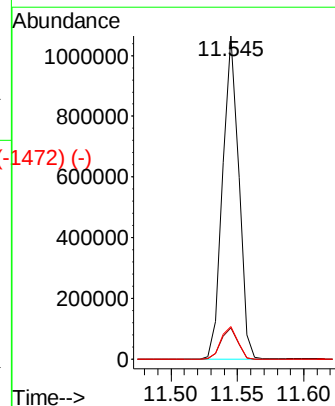
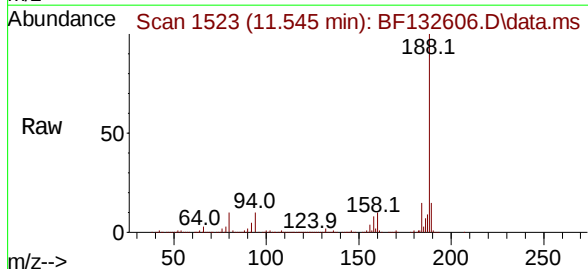
Tgt Ion:188 Resp: 894850

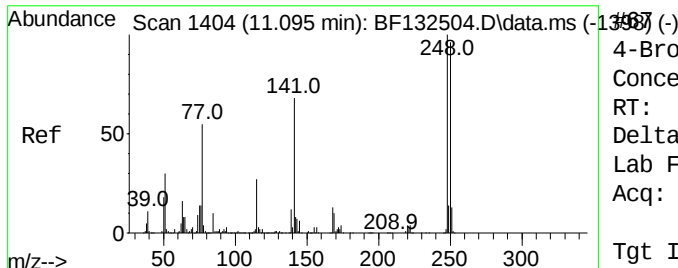
Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 10.2 8.7 13.1

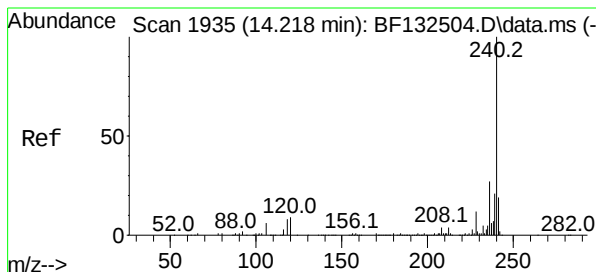
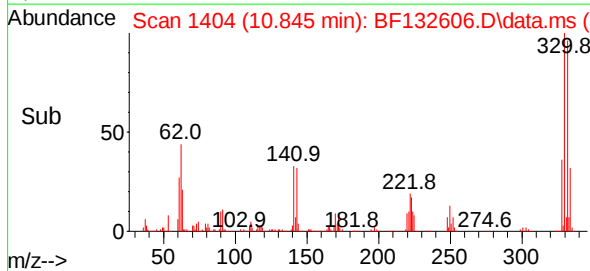
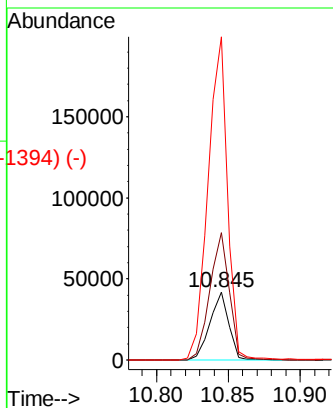
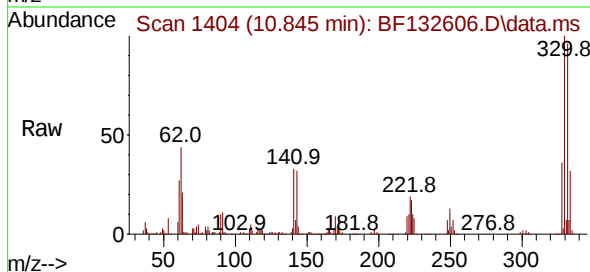




4-Bromophenyl-phenylether
 Concen: 3.766 ng
 RT: 10.845 min Scan# 1357
 Delta R.T. -0.244 min
 Lab File: BF132606.D
 Acq: 02 Mar 2023 14:05

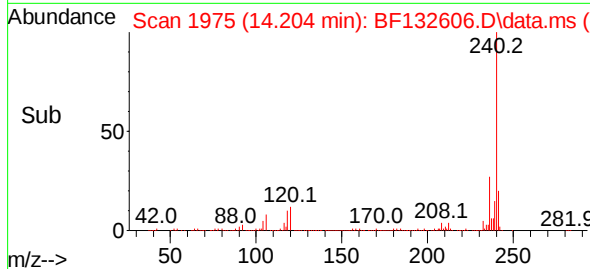
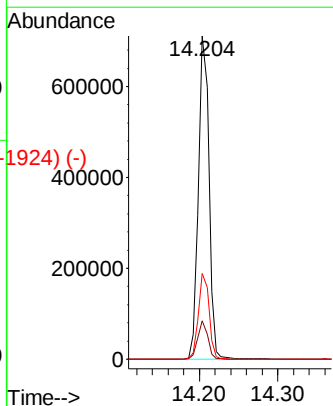
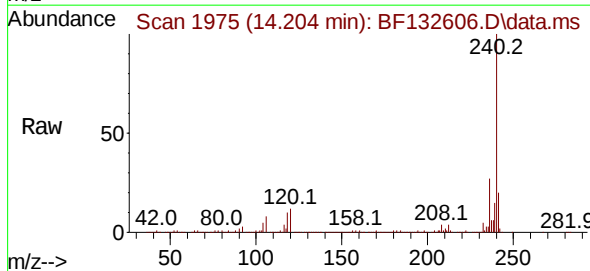
Instrument :
 BNA_F
 ClientSampleId :
 PB151132BL

Tgt Ion:248 Resp: 38115
 Ion Ratio Lower Upper
 248 100
 250 187.1 77.0 115.4#
 141 475.3 54.2 81.2#



Chrysene-d12
 Concen: 20.000 ng
 RT: 14.204 min Scan# 1975
 Delta R.T. -0.003 min
 Lab File: BF132606.D
 Acq: 02 Mar 2023 14:05

Tgt Ion:240 Resp: 660037
 Ion Ratio Lower Upper
 240 100
 120 11.9 7.2 10.8#
 236 26.5 21.8 32.6



Abundance Scan 1753 (13.148 min): BF132504.D\data.ms (-1749) (-)

Terphenyl-d14

Concen: 70.474 ng

RT: 13.145 min Scan# 1795

Delta R.T. 0.003 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB151132BL

Tgt Ion:244 Resp: 2751177

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 8.1 7.5 11.3

Abundance Scan 1795 (13.145 min): BF132606.D\data.ms

Ref 50

66.0 122.1 160.1 212.1 244.2

m/z-->

Raw 50

42.0 82.1 122.1 160.1 212.1 244.2

m/z-->

Sub 50

42.0 80.0 122.1 160.1 212.1 244.2

m/z-->

Abundance

2500000

2000000

1500000

1000000

500000

0

Time-->

13.10 13.20

Abundance Scan 2198 (15.765 min): BF132504.D\data.ms (-2186) (-)

Perylene-d12

Concen: 20.000 ng

RT: 15.763 min Scan# 2240

Delta R.T. 0.009 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Tgt Ion:264 Resp: 549547

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.7 17.1 25.7

Abundance Scan 2240 (15.763 min): BF132606.D\data.ms

Ref 50

66.0 132.1 180.0 264.1 337.3

m/z-->

Raw 50

57.1 132.0 207.0 264.1 325.1 386.0

m/z-->

Sub 50

71.0 132.0 208.1 264.1 325.1 386.0

m/z-->

Abundance

400000

300000

200000

100000

0

Time-->

15.70 15.80 15.90