

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132611.D
 Acq On : 02 Mar 2023 17:05
 Operator : CG\JU
 Sample : 01749-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-6

Quant Time: Mar 02 17:57:24 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)

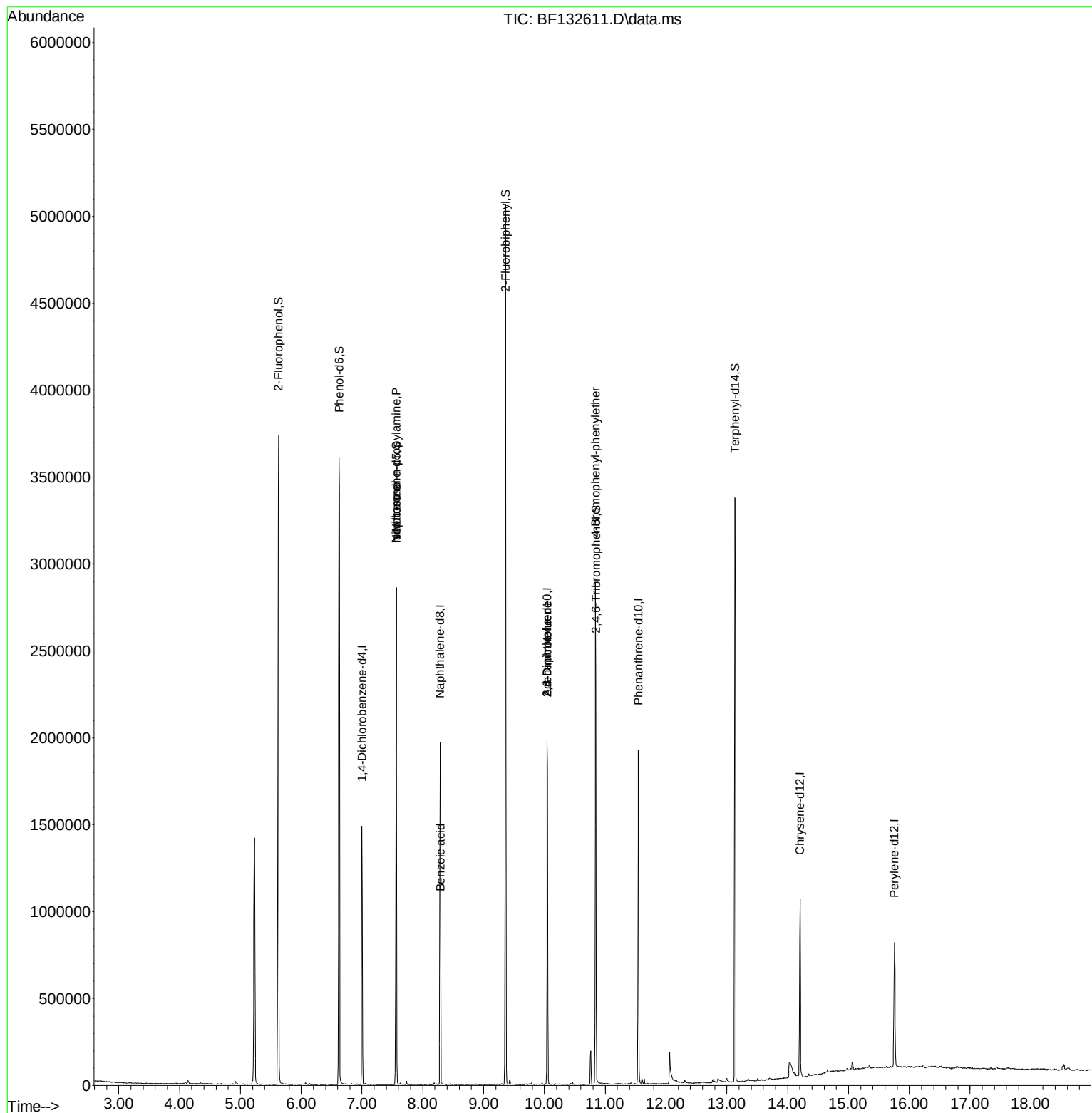
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	206023	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	780042	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	405411	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	686420	20.000	ng	0.00
76) Chrysene-d12	14.204	240	325681	20.000	ng	0.00
86) Perylene-d12	15.757	264	331546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1093677	86.156	ng	0.00
7) Phenol-d6	6.622	99	1436989	86.738	ng	-0.01
23) Nitrobenzene-d5	7.563	82	926961	56.380	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	348872	79.683	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1466791	55.090	ng	0.00
79) Terphenyl-d14	13.133	244	1184499	61.492	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	119922	11.762	ng	# 74
25) Isophorone	7.563	82	926939	29.407	ng	# 67
32) Benzoic acid	8.292	122	210	3.856	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	53272	7.924	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	53272	5.956	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	23158	2.983	ng	# 1

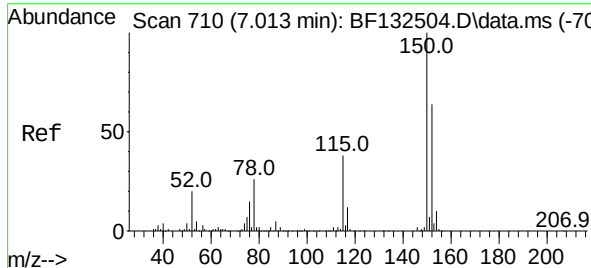
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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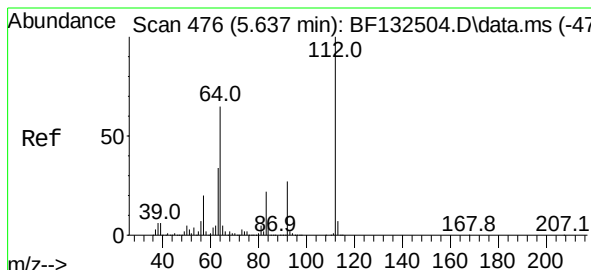
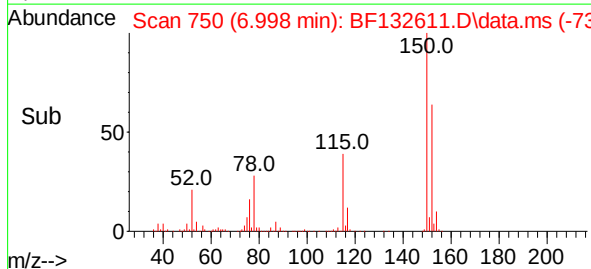
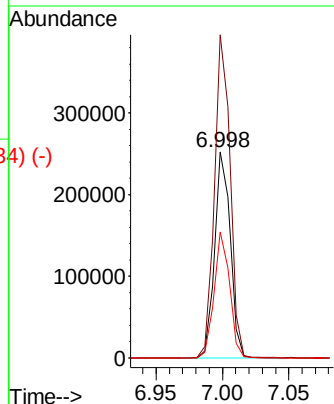
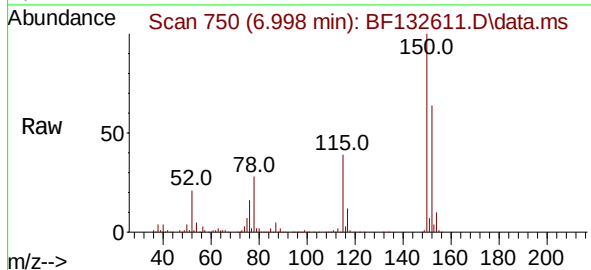




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.998 min Scan#
 Delta R.T. -0.009 min
 Lab File: BF132611.D
 Acq: 02 Mar 2023 17:05

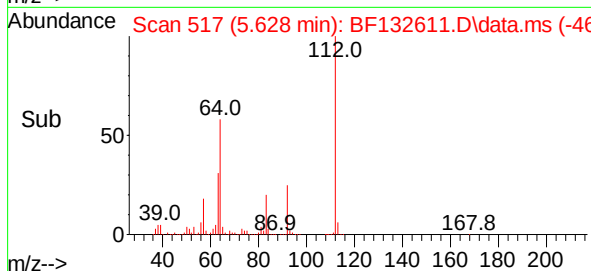
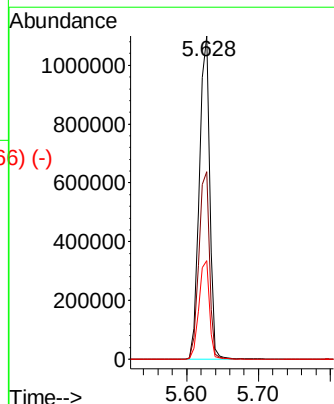
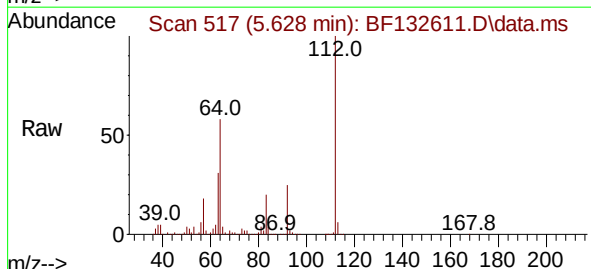
Instrument :
 BNA_F
 ClientSampleId :
 CF-6

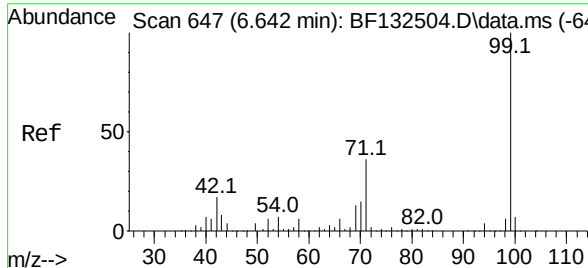
Tgt Ion:152 Resp: 206023
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.4 188.2
 115 61.2 47.8 71.6



2-Fluorophenol
 Concen: 86.156 ng
 RT: 5.628 min Scan# 517
 Delta R.T. -0.003 min
 Lab File: BF132611.D
 Acq: 02 Mar 2023 17:05

Tgt Ion:112 Resp: 1093677
 Ion Ratio Lower Upper
 112 100
 64 58.0 51.6 77.4
 63 30.6 27.4 41.2





Phenol-d6

Concen: 86.738 ng

RT: 6.622 min Scan# 686

Delta R.T. -0.015 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CF-6

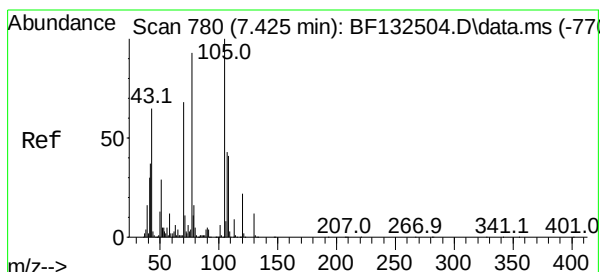
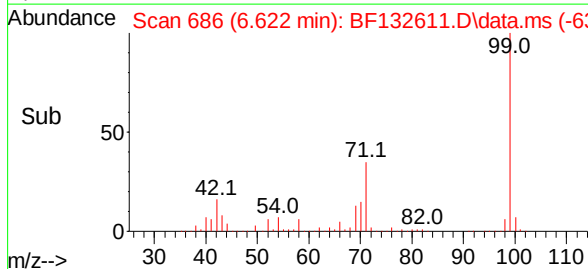
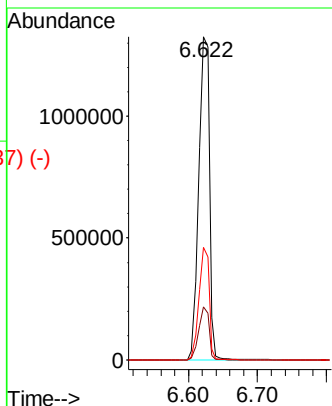
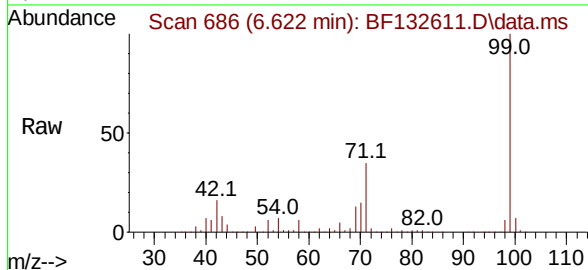
Tgt Ion: 99 Resp: 1436989

Ion Ratio Lower Upper

99 100

42 16.5 13.9 20.9

71 34.9 28.5 42.7



n-Nitroso-di-n-propylamine

Concen: 11.762 ng

RT: 7.563 min Scan# 846

Delta R.T. 0.144 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

Tgt Ion: 70 Resp: 119922

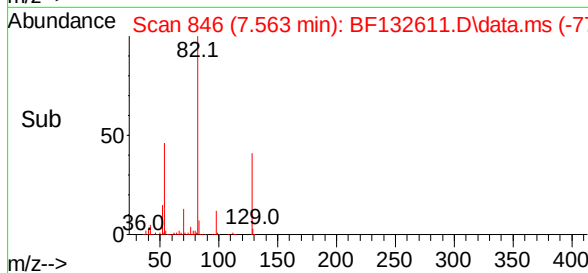
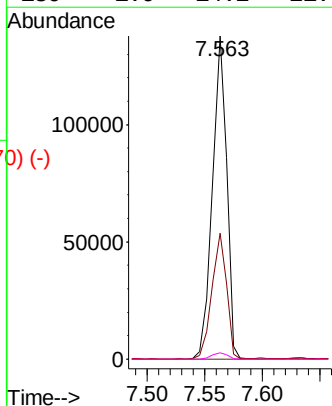
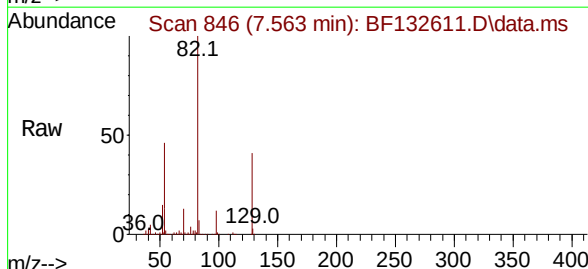
Ion Ratio Lower Upper

70 100

42 39.1 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: BF132611.D

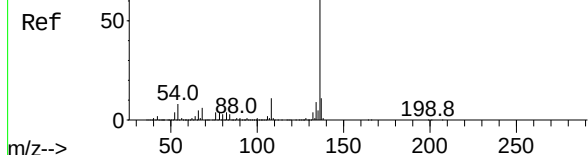
Acq: 02 Mar 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CF-6



Tgt Ion:136 Resp: 780042

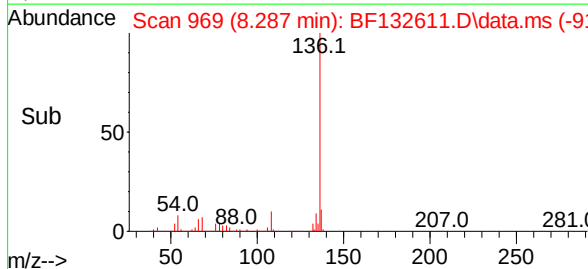
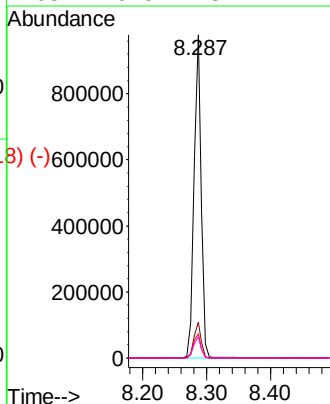
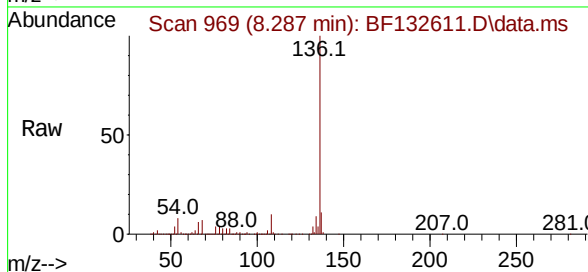
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.5 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: 56.380 ng

RT: 7.563 min Scan# 846

Delta R.T. -0.009 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

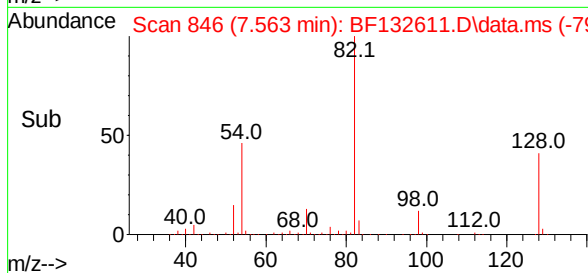
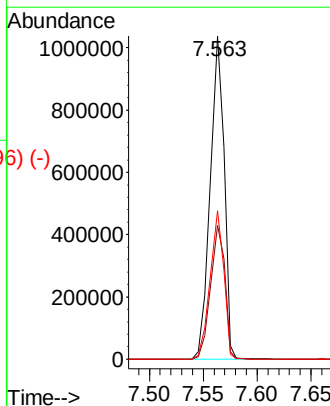
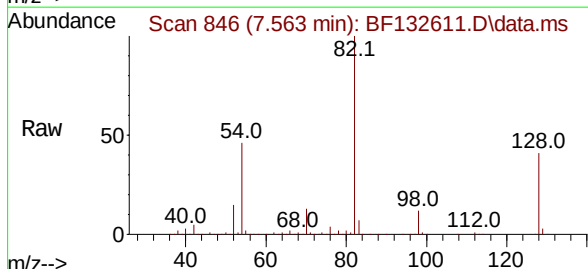
Tgt Ion: 82 Resp: 926961

Ion Ratio Lower Upper

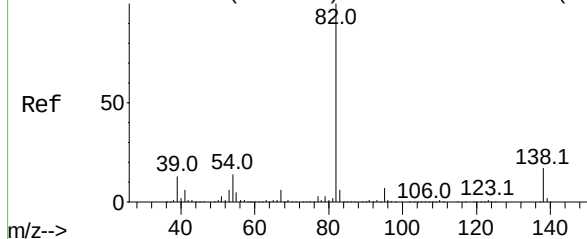
82 100

128 41.3 32.2 48.2

54 46.0 38.4 57.6



Abundance Scan 850 (7.836 min): BF132504.D\data.ms (-843) #25



Isophorone

Concen: 29.407 ng

RT: 7.563 min Scan# 81

Delta R.T. -0.262 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CF-6

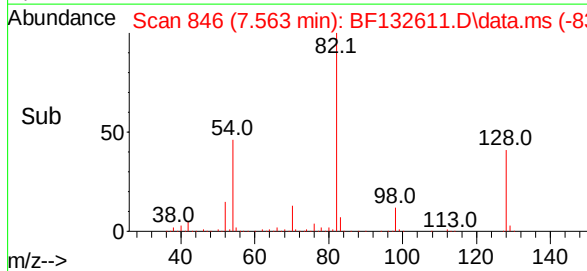
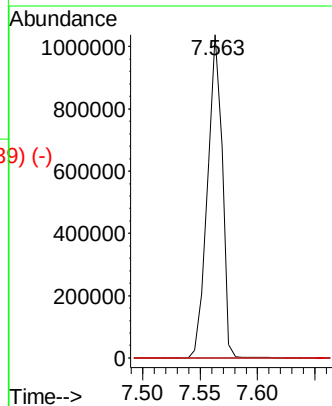
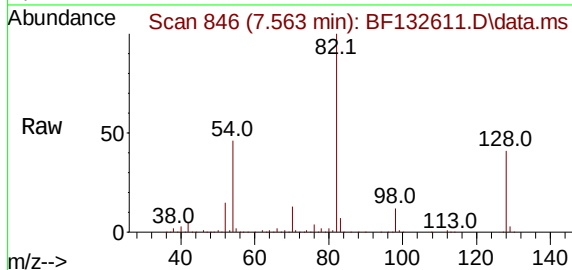
Tgt Ion: 82 Resp: 926939

Ion Ratio Lower Upper

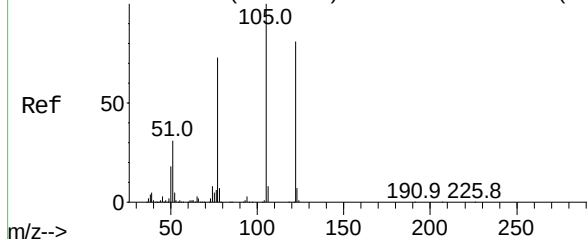
82 100

95 0.0 5.7 8.5#

138 0.0 13.3 19.9#



Abundance Scan 891 (8.078 min): BF132504.D\data.ms (-875) #32



Benzoic acid

Concen: 3.856 ng

RT: 8.292 min Scan# 970

Delta R.T. 0.227 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

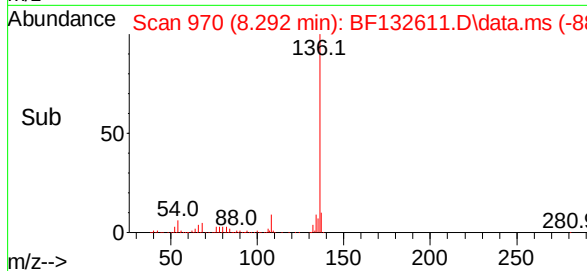
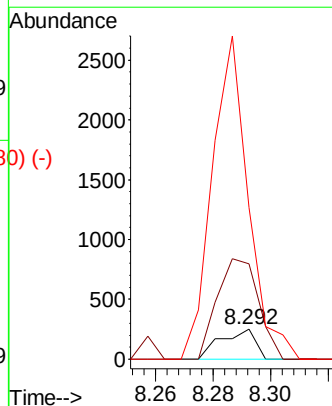
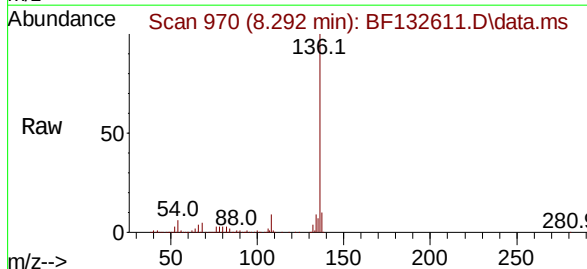
Tgt Ion:122 Resp: 210

Ion Ratio Lower Upper

122 100

105 317.1 102.6 142.6#

77 504.8 70.2 110.2#



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.045 min Scan# 1228

Delta R.T. -0.009 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CF-6

Tgt Ion:164 Resp: 405411

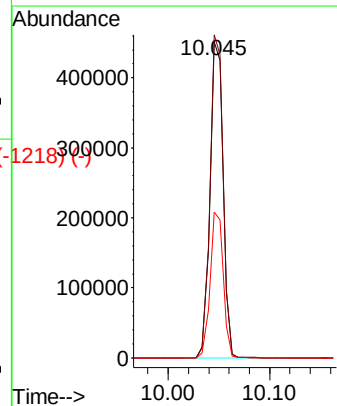
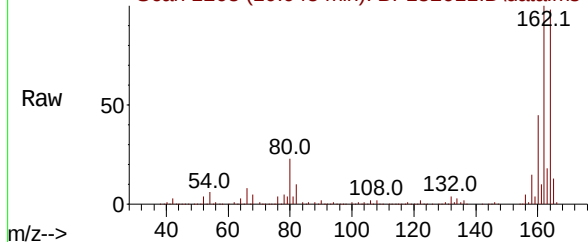
Ion Ratio Lower Upper

164 100

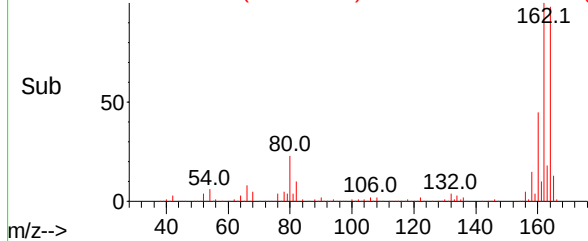
162 102.2 79.8 119.8

160 46.2 35.8 53.6

Abundance Scan 1268 (10.045 min): BF132611.D\data.ms



Abundance Scan 1268 (10.045 min): BF132611.D\data.ms (-1218) (-)



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

2,4,6-Tribromophenol

Concen: 79.683 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

Tgt Ion:330 Resp: 348872

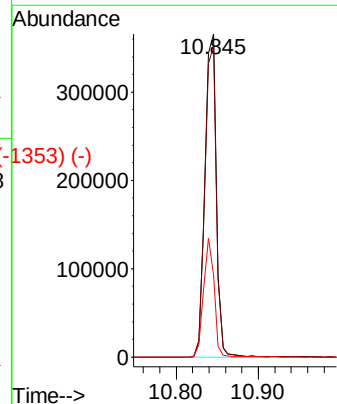
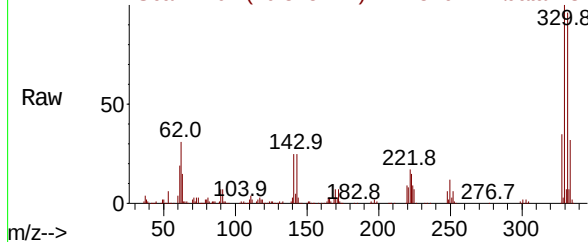
Ion Ratio Lower Upper

330 100

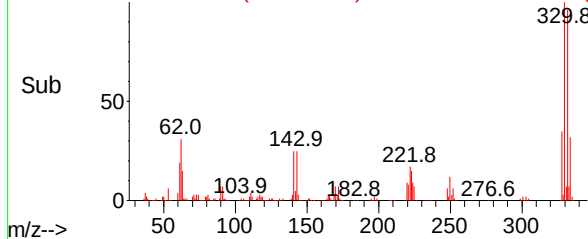
332 97.0 76.2 114.4

141 33.9 28.4 42.6

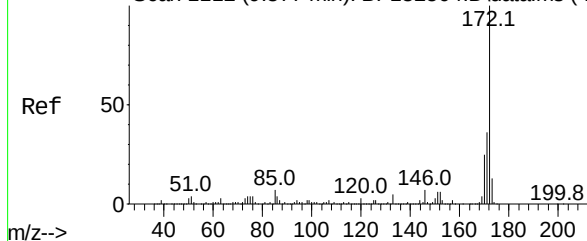
Abundance Scan 1404 (10.845 min): BF132611.D\data.ms



Abundance Scan 1404 (10.845 min): BF132611.D\data.ms (-1353) (-)



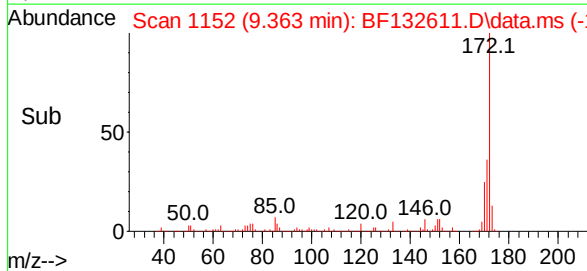
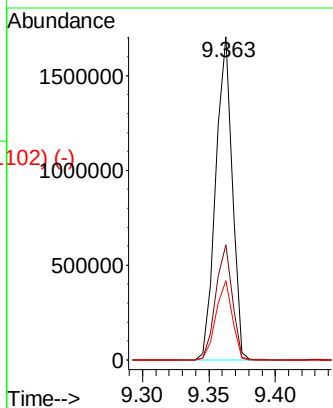
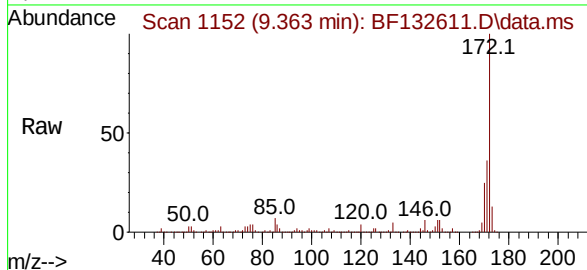
Abundance Scan 1112 (9.377 min): BF132504.D\data.ms (-11021)



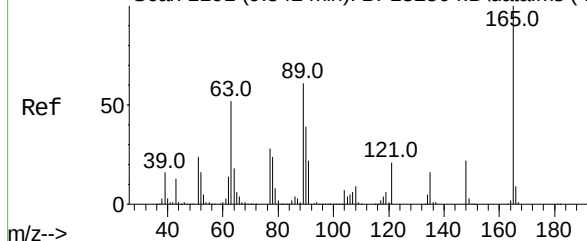
2-Fluorobiphenyl
Concen: 55.090 ng
RT: 9.363 min Scan# 11021
Delta R.T. -0.009 min
Lab File: BF132611.D
Acq: 02 Mar 2023 17:05

Instrument :
BNA_F
ClientSampleId :
CF-6

Tgt Ion:172 Resp: 1466791
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.6 19.7 29.5

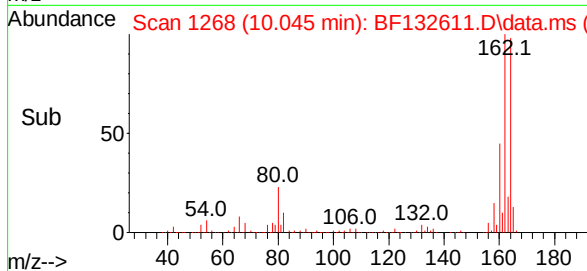
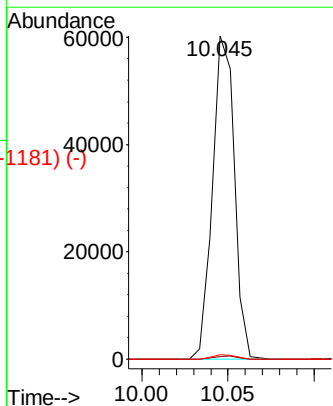
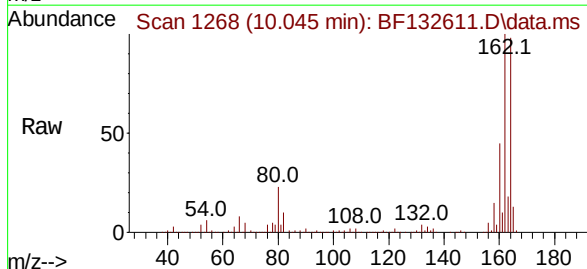


Abundance Scan 1191 (9.842 min): BF132504.D\data.ms (-11051)

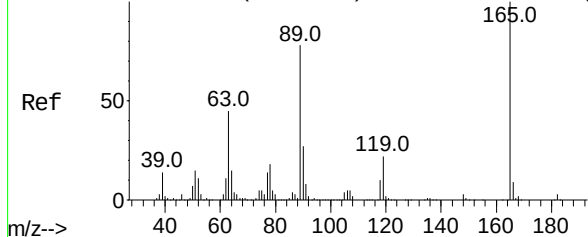


2,6-Dinitrotoluene
Concen: 7.924 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132611.D
Acq: 02 Mar 2023 17:05

Tgt Ion:165 Resp: 53272
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 1.4 48.9 73.3#



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



2,4-Dinitrotoluene

Concen: 5.956 ng

RT: 10.045 min Scan# 1523

Delta R.T. -0.197 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CF-6

Tgt Ion:165 Resp: 53272

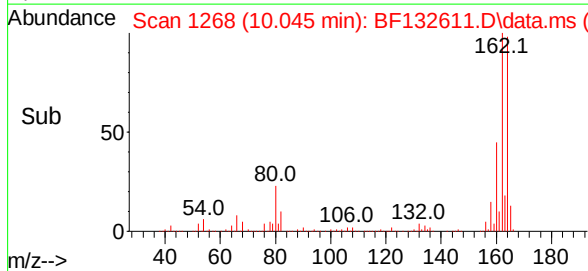
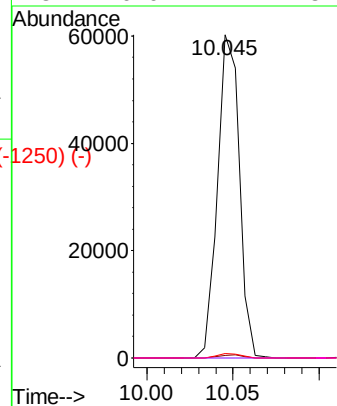
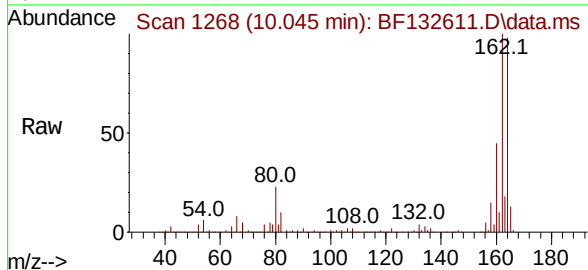
Ion Ratio Lower Upper

165 100

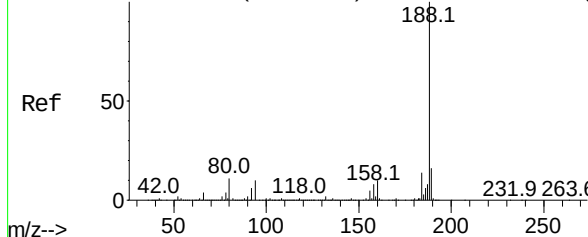
63 0.8 36.5 54.7#

89 1.4 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: BF132611.D

Acq: 02 Mar 2023 17:05

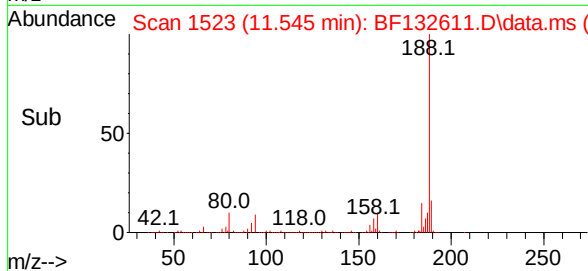
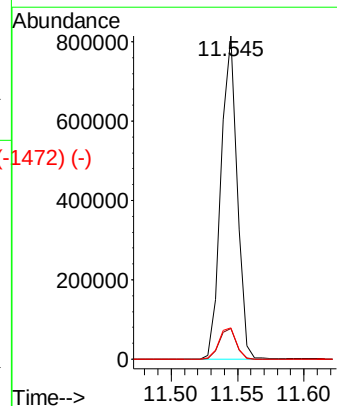
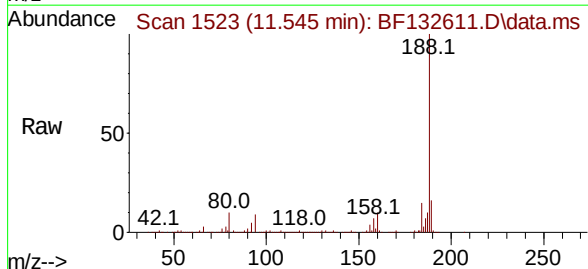
Tgt Ion:188 Resp: 686420

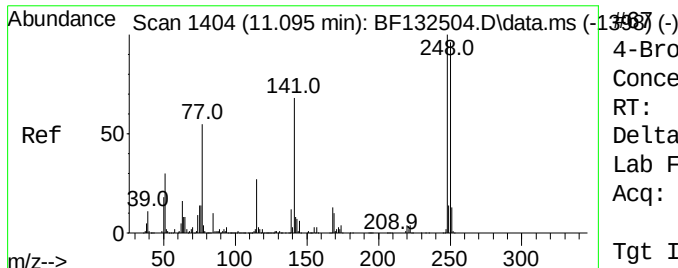
Ion Ratio Lower Upper

188 100

94 9.5 8.3 12.5

80 9.7 8.7 13.1

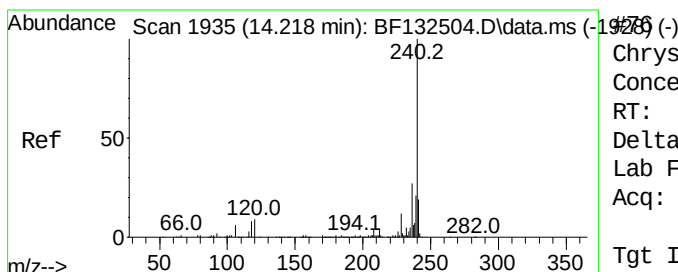
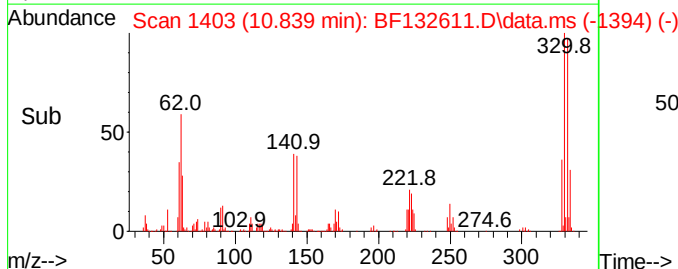
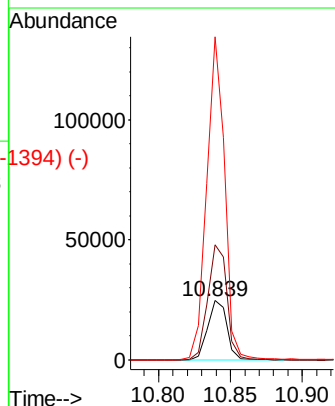
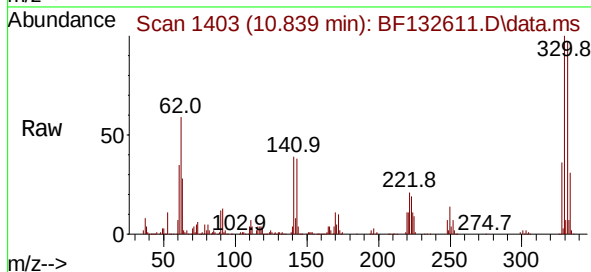




4-Bromophenyl-phenylether
 Concen: 2.983 ng
 RT: 10.839 min Scan# 1358
 Delta R.T. -0.250 min
 Lab File: BF132611.D
 Acq: 02 Mar 2023 17:05

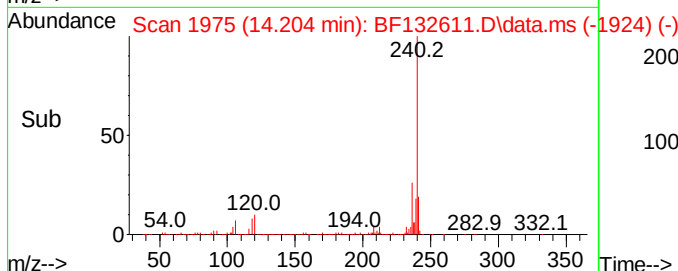
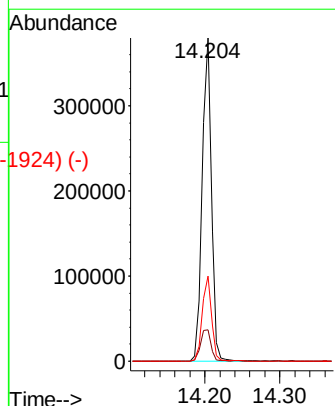
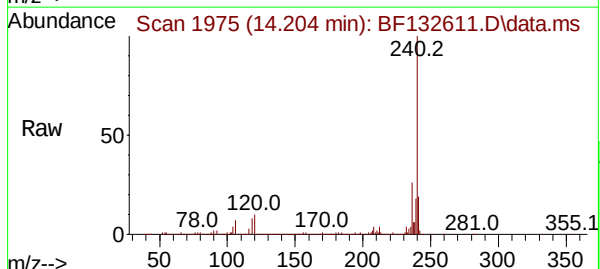
Instrument :
 BNA_F
 ClientSampleId :
 CF-6

Tgt Ion:	248	Resp:	23158
Ion	Ratio	Lower	Upper
248	100		
250	194.1	77.0	115.4#
141	543.8	54.2	81.2#



Chrysene-d12
 Concen: 20.000 ng
 RT: 14.204 min Scan# 1975
 Delta R.T. -0.003 min
 Lab File: BF132611.D
 Acq: 02 Mar 2023 17:05

Tgt Ion:	240	Resp:	325681
Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.2	10.8
236	26.3	21.8	32.6



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

Terphenyl-d14

Concen: 61.492 ng

RT: 13.133 min Scan# 1793

Delta R.T. -0.009 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CF-6

Tgt Ion:244 Resp: 1184499

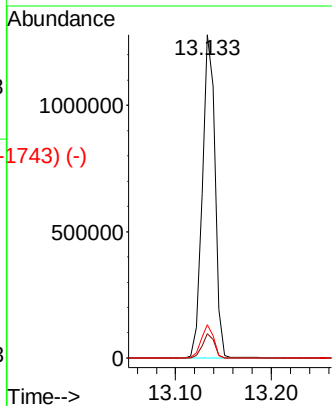
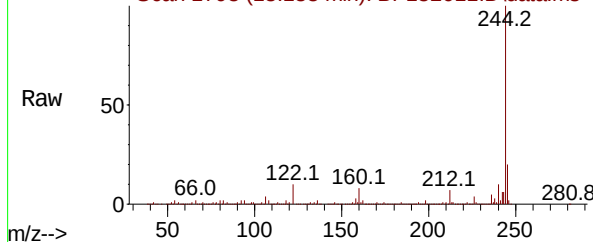
Ion Ratio Lower Upper

244 100

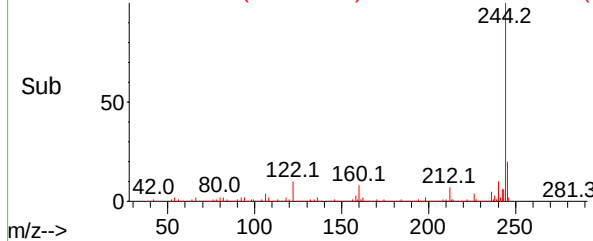
212 7.5 6.5 9.7

122 10.3 7.5 11.3

Abundance Scan 1793 (13.133 min): BF132611.D\data.ms



Abundance Scan 1793 (13.133 min): BF132611.D\data.ms (-1743) (-)



Abundance Scan 2198 (15.765 min): BF132504.D\data.ms (-2196) (-)

Perylene-d12

Concen: 20.000 ng

RT: 15.757 min Scan# 2239

Delta R.T. 0.003 min

Lab File: BF132611.D

Acq: 02 Mar 2023 17:05

Tgt Ion:264 Resp: 331546

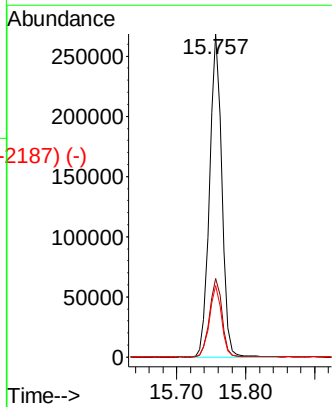
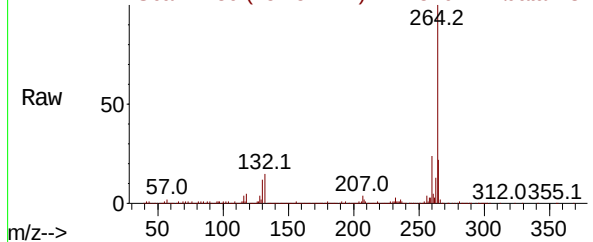
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 22.2 17.1 25.7

Abundance Scan 2239 (15.757 min): BF132611.D\data.ms



Abundance Scan 2239 (15.757 min): BF132611.D\data.ms (-2187) (-)

