

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132016.D
 Acq On : 11 Jan 2023 01:46
 Operator : CG\JU
 Sample : 01089-05 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-3-010923

Quant Time: Jan 11 02:41:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

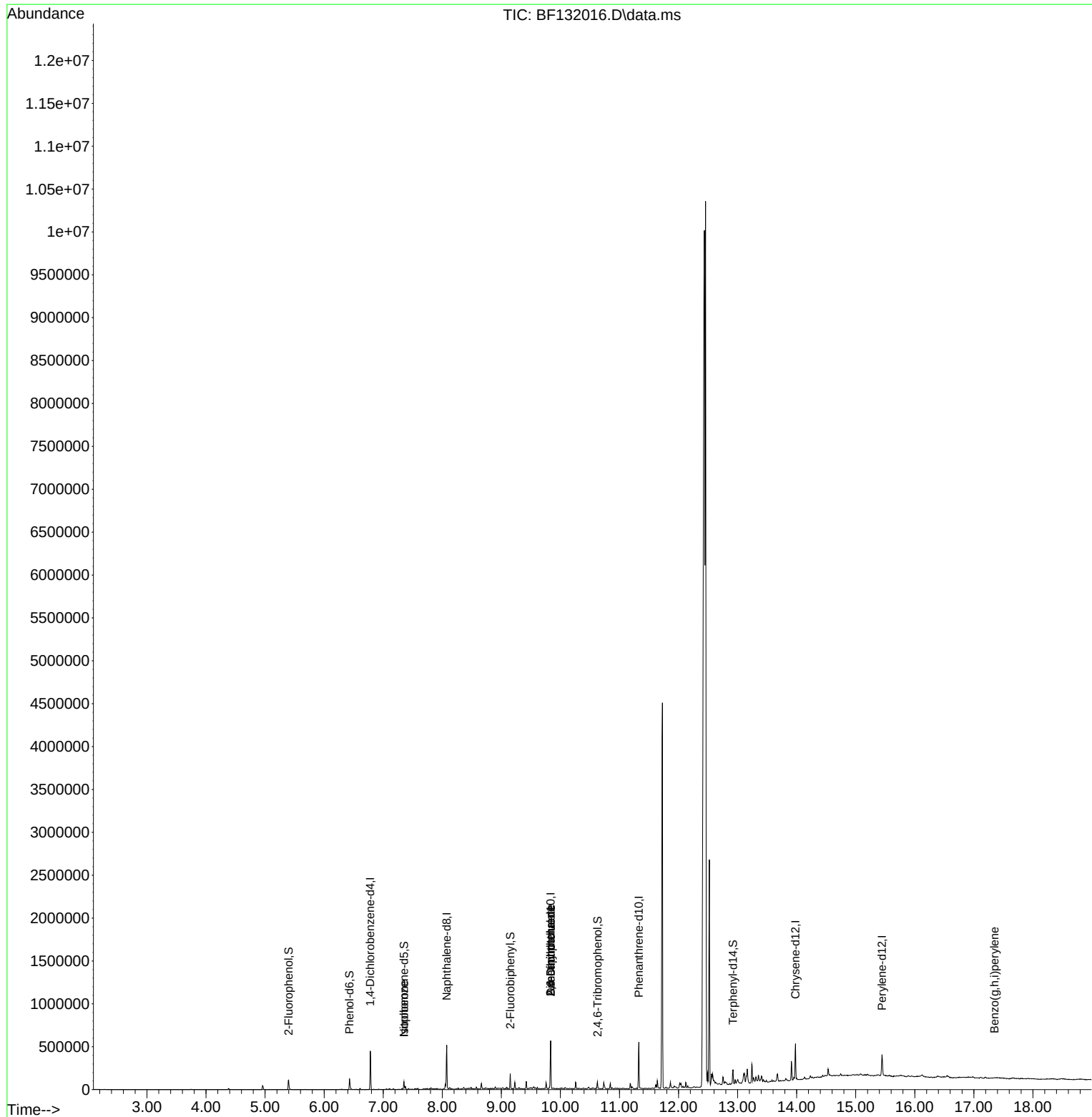
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	59516	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	190590	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	95476	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	183390	20.000	ng	0.00
76) Chrysene-d12	13.980	240	131892	20.000	ng	0.00
86) Perylene-d12	15.445	264	100837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	33693	9.328	ng	0.00
7) Phenol-d6	6.428	99	41672	8.702	ng	0.00
23) Nitrobenzene-d5	7.351	82	25112	5.468	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	8139	7.414	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	41881	5.922	ng	-0.01
79) Terphenyl-d14	12.922	244	48984	5.323	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.351	82	24239	2.825	ng	# 69
50) Dimethylphthalate	9.834	163	20340	2.733	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	12628	8.068	ng	# 23
57) 2,4-Dinitrotoluene	9.834	165	12628	6.034	ng	# 14
92) Benzo(g,h,i)perylene	17.351	276	1376	3.755	ng	# 60

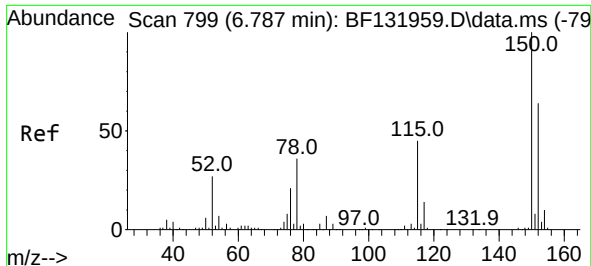
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
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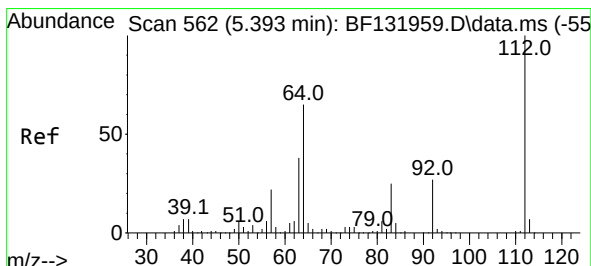
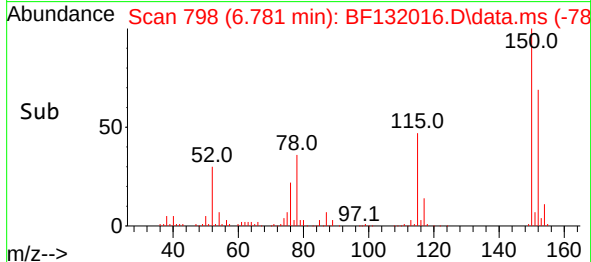
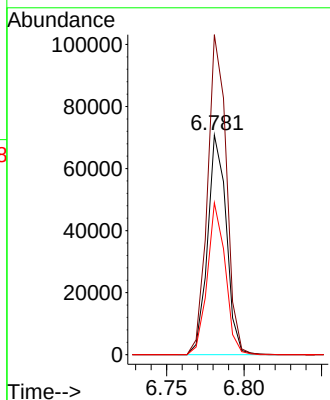
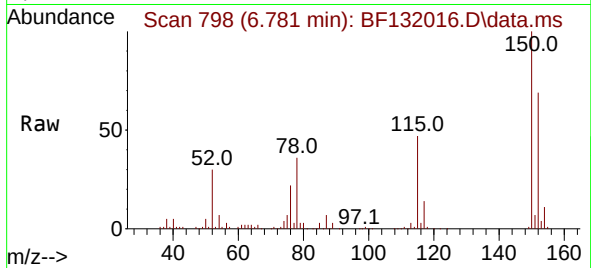




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132016.D
Acq: 11 Jan 2023 01:46

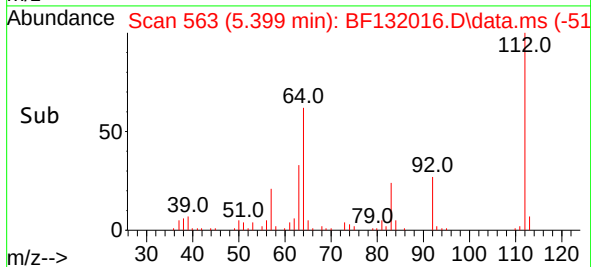
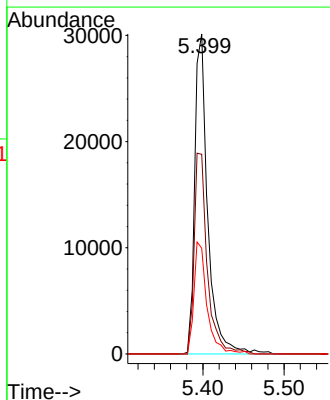
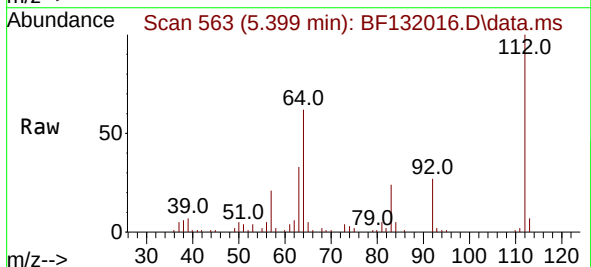
Instrument :
BNA_F
ClientSampleId :
PL-3-010923

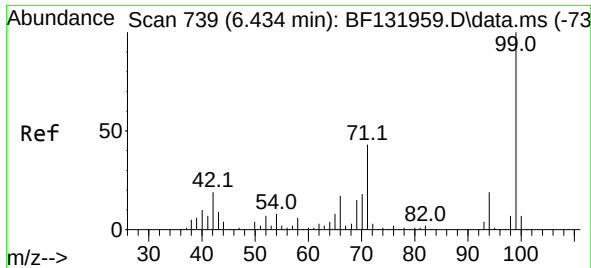
Tgt Ion:152 Resp: 59516
Ion Ratio Lower Upper
152 100
150 145.7 124.6 186.8
115 69.1 55.6 83.4



#5
2-Fluorophenol
Concen: 9.328 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF132016.D
Acq: 11 Jan 2023 01:46

Tgt Ion:112 Resp: 33693
Ion Ratio Lower Upper
112 100
64 62.4 51.9 77.9
63 33.1 30.2 45.2

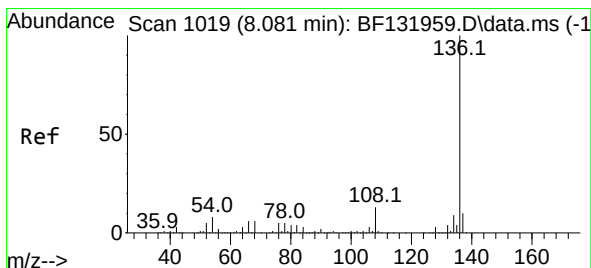
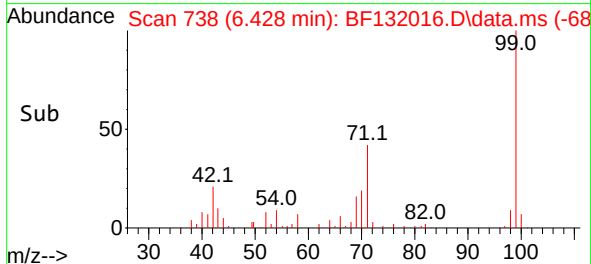
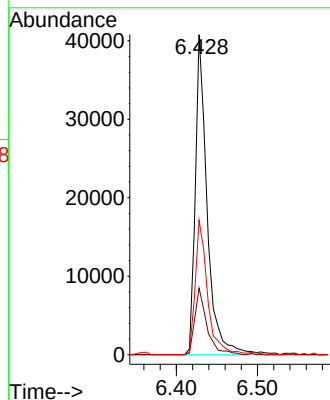
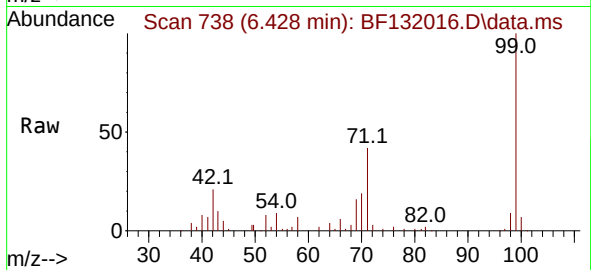




#7
Phenol-d6
Concen: 8.702 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132016.D
Acq: 11 Jan 2023 01:46

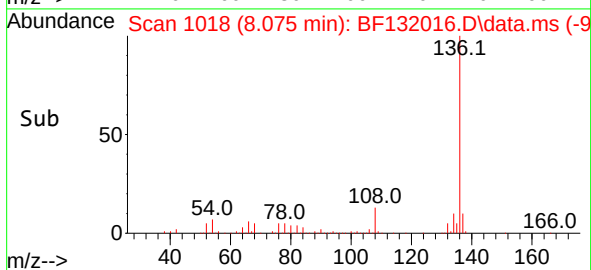
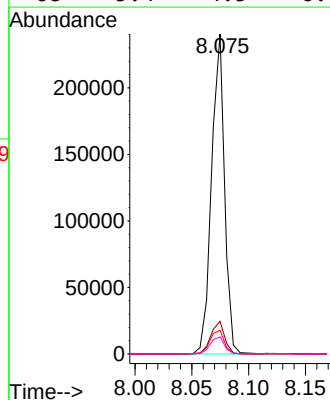
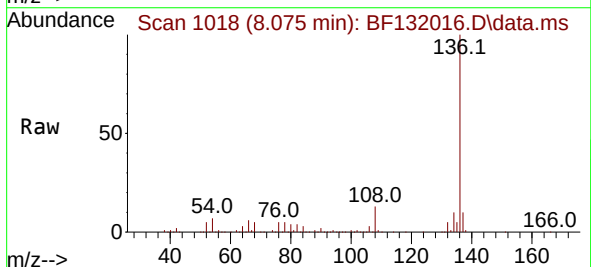
Instrument :
BNA_F
ClientSampleId :
PL-3-010923

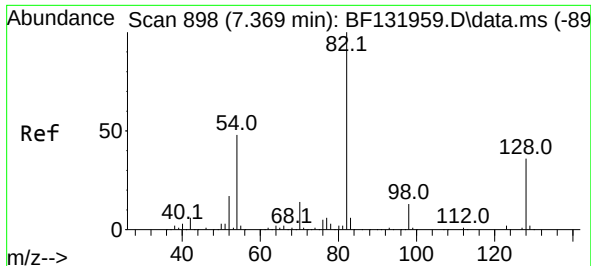
Tgt Ion: 99 Resp: 41672
Ion Ratio Lower Upper
99 100
42 20.8 15.4 23.2
71 42.1 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF132016.D
Acq: 11 Jan 2023 01:46

Tgt Ion: 136 Resp: 190590
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 7.4 6.6 9.8
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 5.468 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF132016.D

Acq: 11 Jan 2023 01:46

Instrument :

BNA_F

ClientSampleId :

PL-3-010923

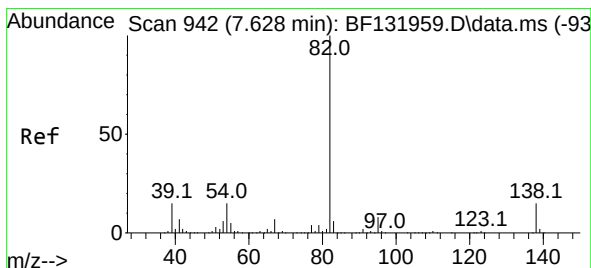
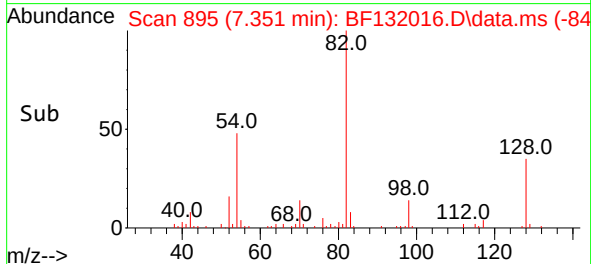
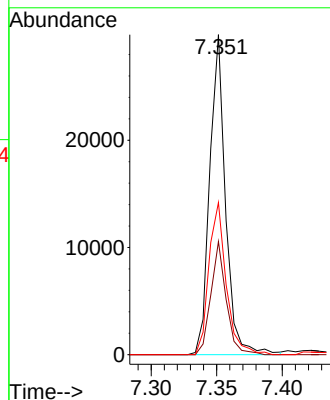
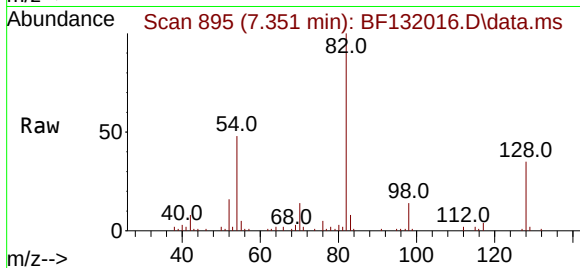
Tgt Ion: 82 Resp: 25112

Ion Ratio Lower Upper

82 100

128 35.3 28.7 43.1

54 47.5 38.1 57.1



#25

Isophorone

Concen: 2.825 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.276 min

Lab File: BF132016.D

Acq: 11 Jan 2023 01:46

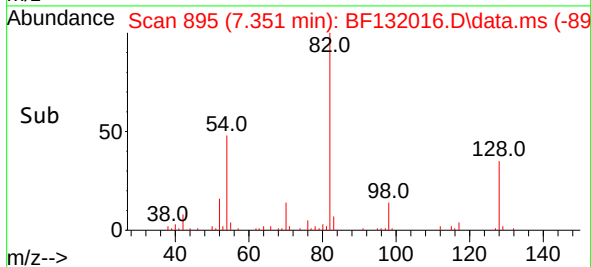
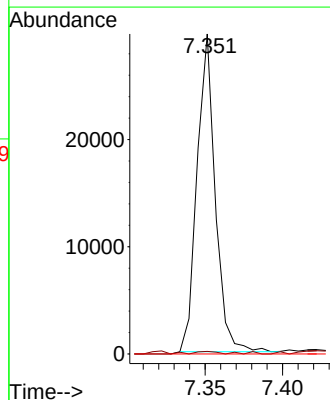
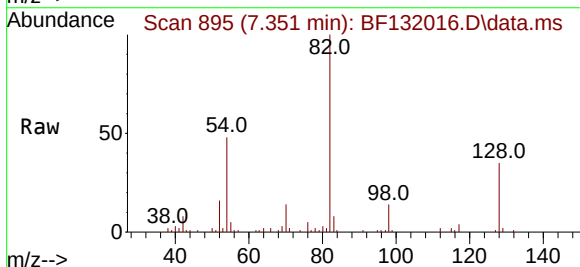
Tgt Ion: 82 Resp: 24239

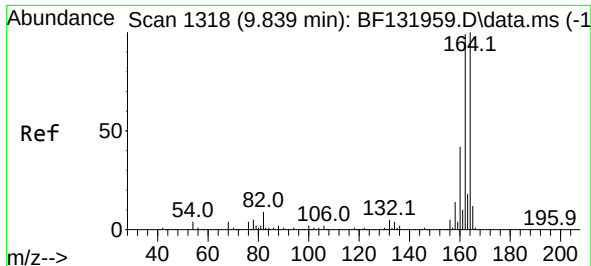
Ion Ratio Lower Upper

82 100

95 0.8 6.5 9.7#

138 0.0 11.9 17.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132016.D

Acq: 11 Jan 2023 01:46

Instrument :

BNA_F

ClientSampleId :

PL-3-010923

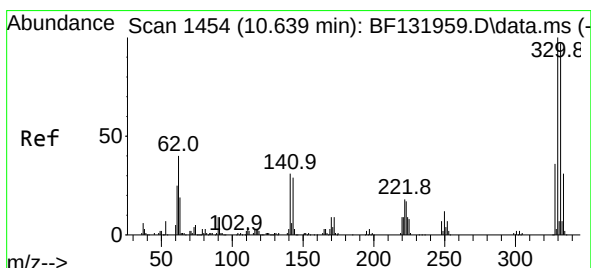
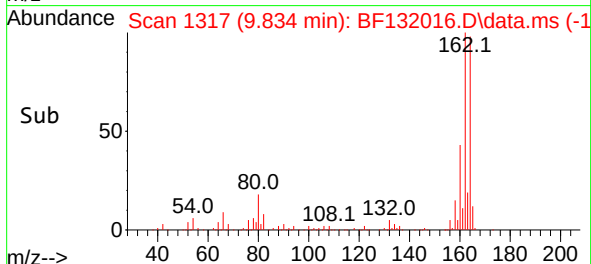
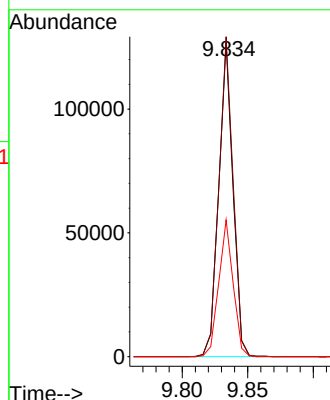
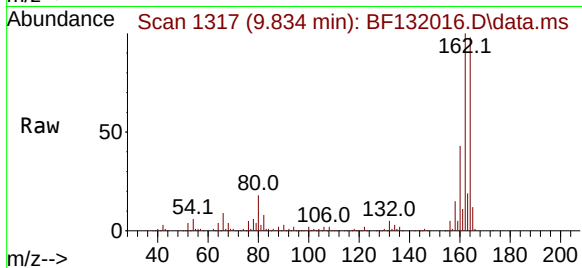
Tgt Ion:164 Resp: 95476

Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.0

160 43.6 33.9 50.9



#42

2,4,6-Tribromophenol

Concen: 7.414 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF132016.D

Acq: 11 Jan 2023 01:46

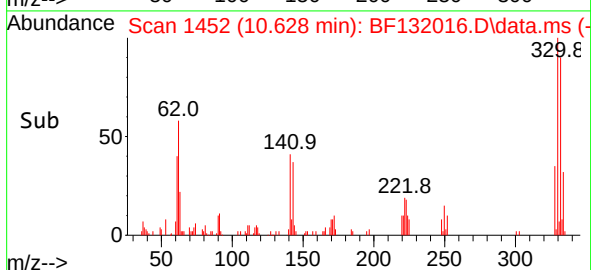
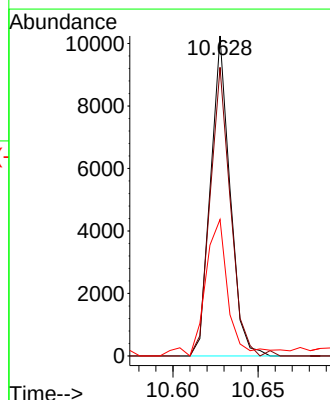
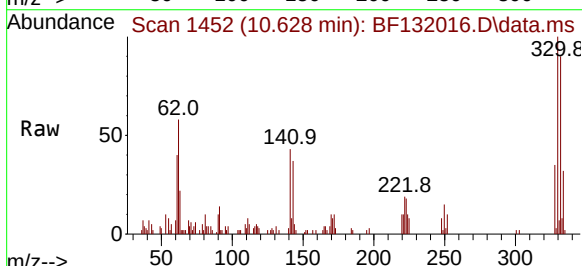
Tgt Ion:330 Resp: 8139

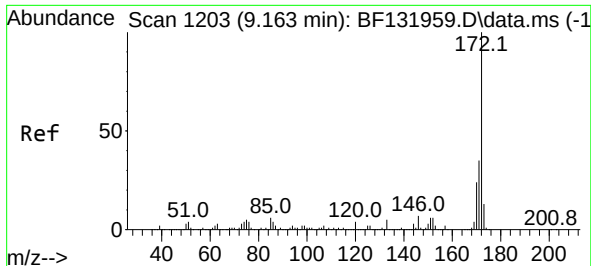
Ion Ratio Lower Upper

330 100

332 94.2 76.9 115.3

141 52.2 31.3 46.9#

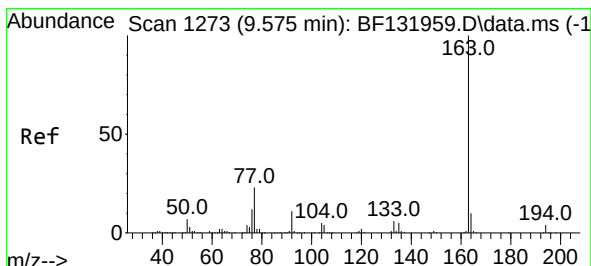
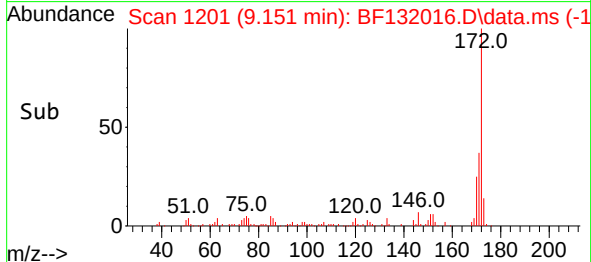
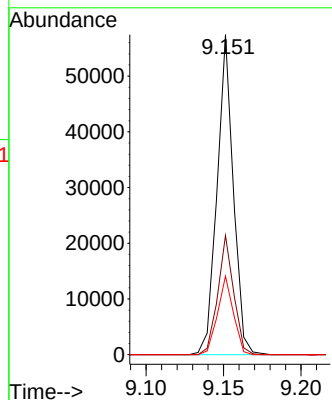
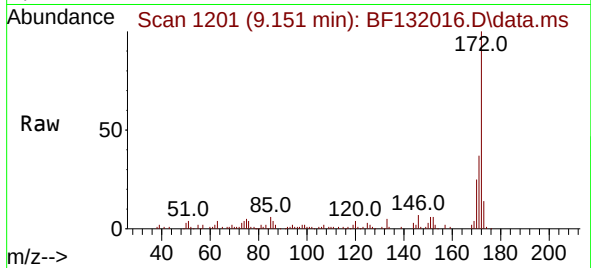




#45
2-Fluorobiphenyl
Concen: 5.922 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132016.D
Acq: 11 Jan 2023 01:46

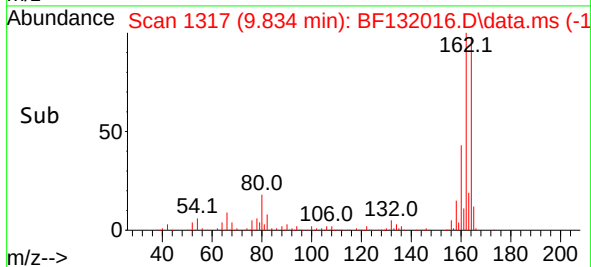
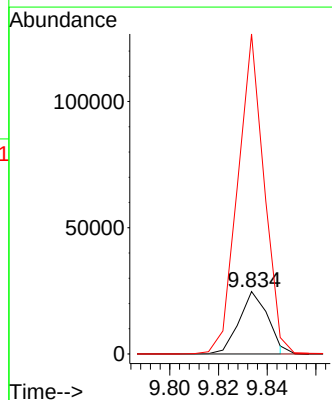
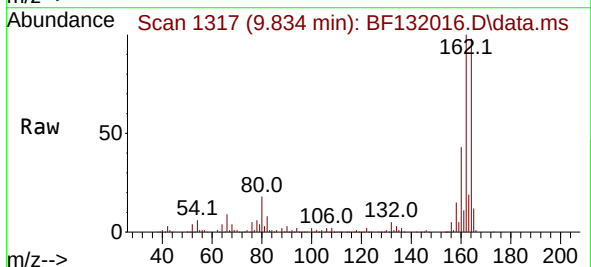
Instrument :
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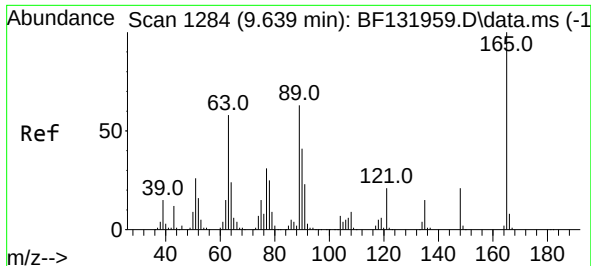
Tgt Ion:172 Resp: 41881
Ion Ratio Lower Upper
172 100
171 37.3 28.0 42.0
170 24.6 18.9 28.3



#50
Dimethylphthalate
Concen: 2.733 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.259 min
Lab File: BF132016.D
Acq: 11 Jan 2023 01:46

Tgt Ion:163 Resp: 20340
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 513.1 7.8 11.6#





#51

2,6-Dinitrotoluene

Concen: 8.068 ng

RT: 9.834 min Scan# 11

Delta R.T. 0.195 min

Lab File: BF132016.D

Acq: 11 Jan 2023 01:46

Instrument :

BNA_F

ClientSampleId :

PL-3-010923

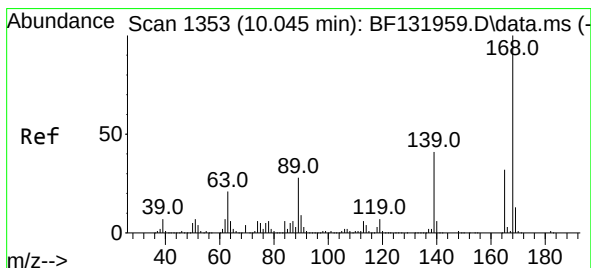
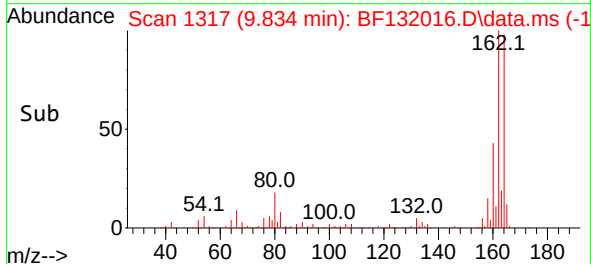
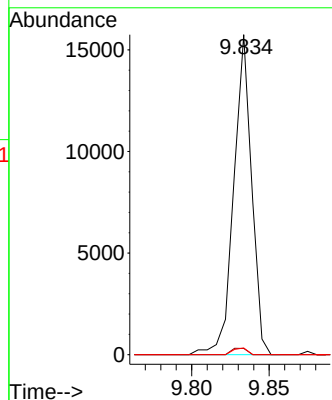
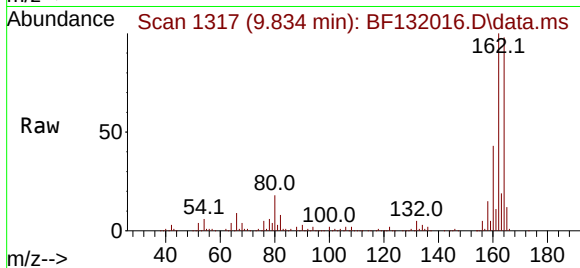
Tgt Ion:165 Resp: 12628

Ion Ratio Lower Upper

165 100

63 1.9 47.4 71.0#

89 2.1 50.2 75.2#



#57

2,4-Dinitrotoluene

Concen: 6.034 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.212 min

Lab File: BF132016.D

Acq: 11 Jan 2023 01:46

Tgt Ion:165 Resp: 12628

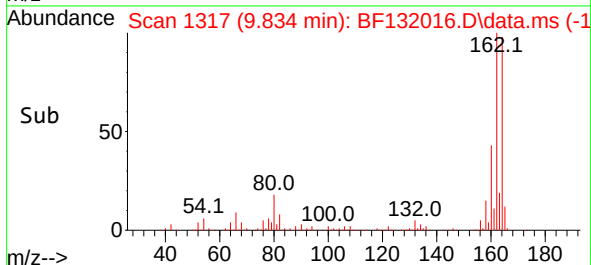
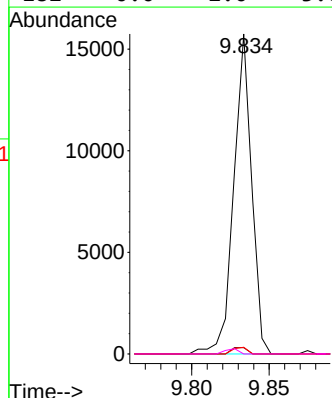
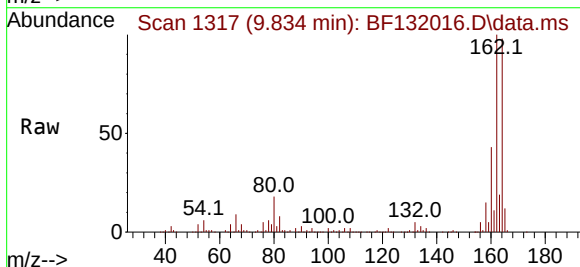
Ion Ratio Lower Upper

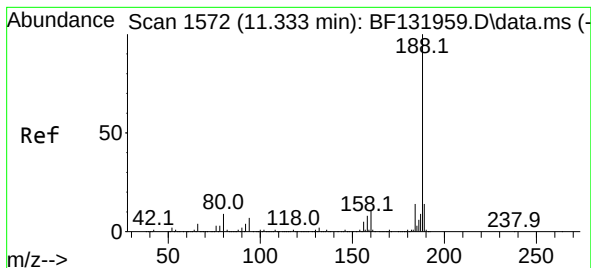
165 100

63 1.9 53.2 79.8#

89 2.1 71.2 106.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132016.D

Acq: 11 Jan 2023 01:46

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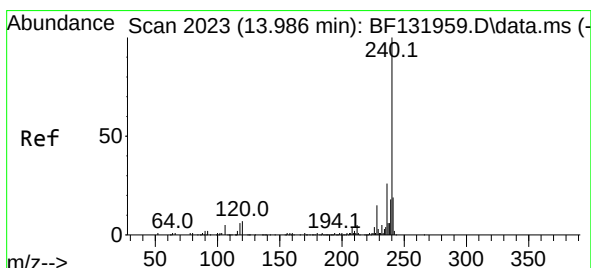
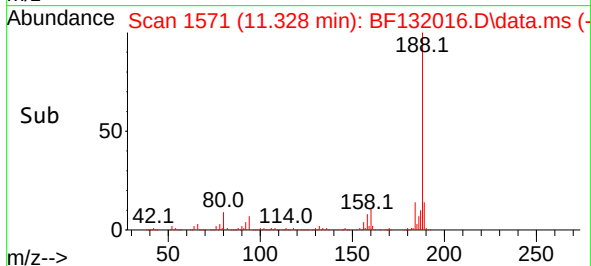
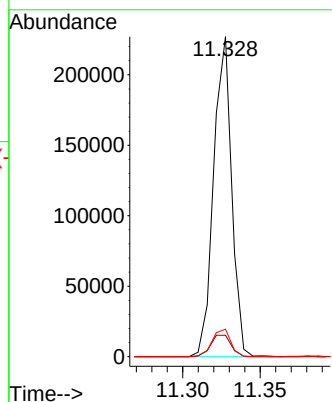
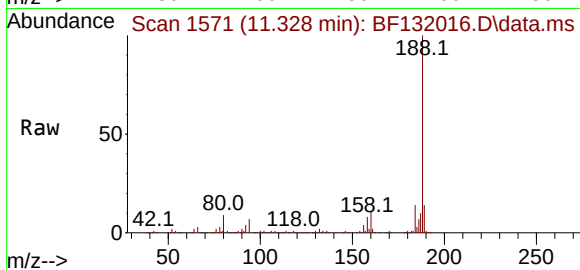
Tgt Ion:188 Resp: 183390

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 8.6 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF132016.D

Acq: 11 Jan 2023 01:46

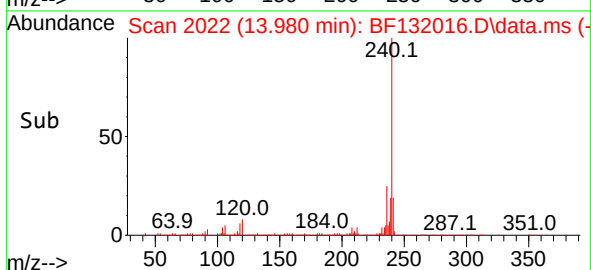
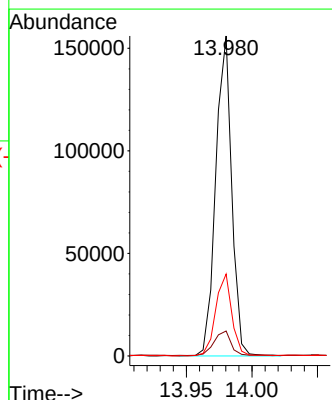
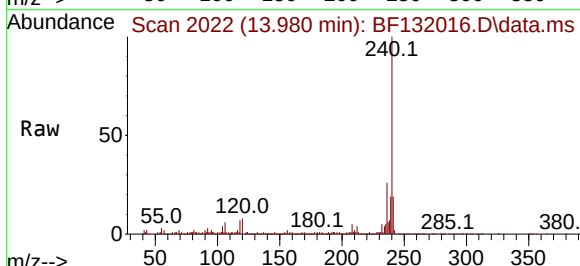
Tgt Ion:240 Resp: 131892

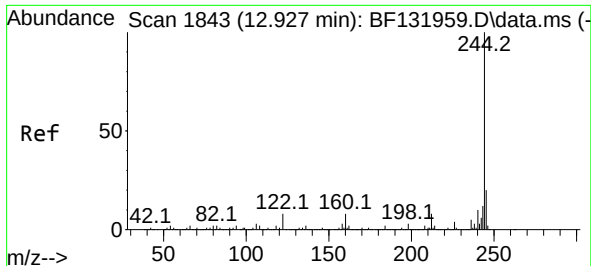
Ion Ratio Lower Upper

240 100

120 7.8 5.4 8.0

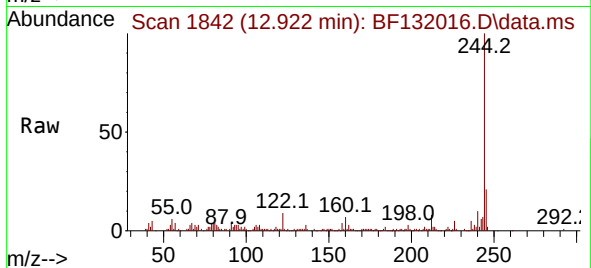
236 25.6 21.1 31.7



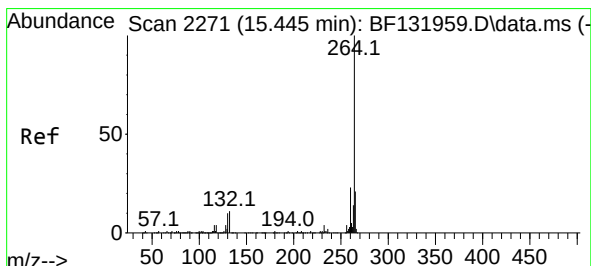
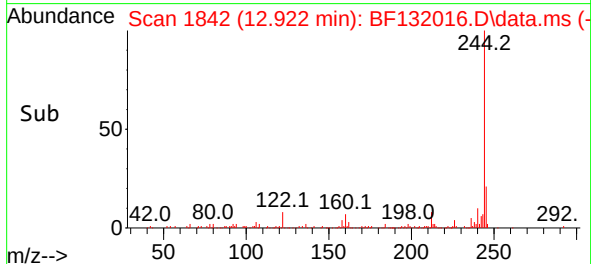
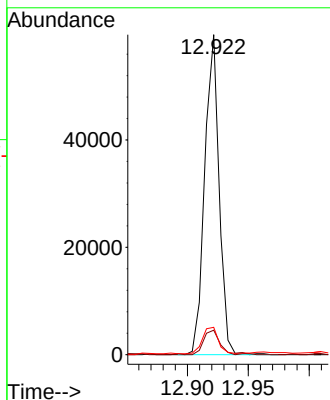


#79
 Terphenyl-d14
 Concen: 5.323 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132016.D
 Acq: 11 Jan 2023 01:46

Instrument :
 BNA_F
 ClientSampleId :
 PL-3-010923

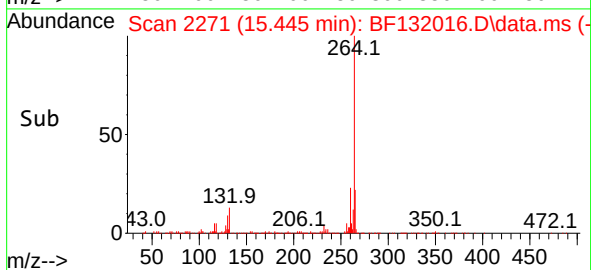
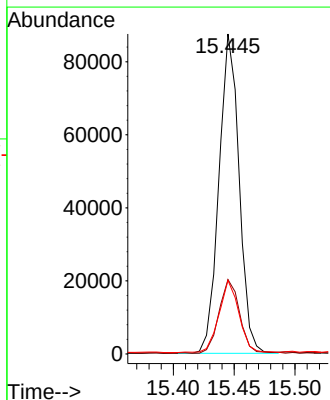
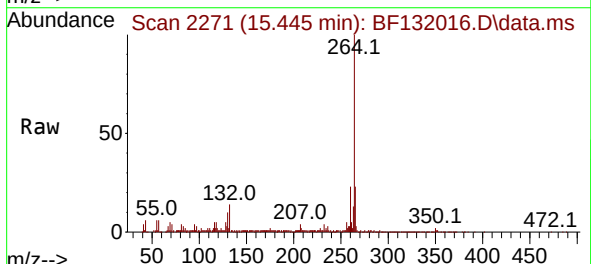


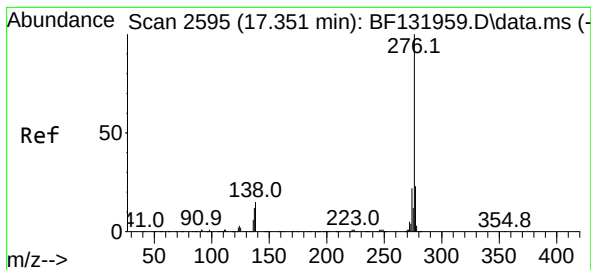
Tgt Ion:244 Resp: 48984
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.5 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BF132016.D
 Acq: 11 Jan 2023 01:46

Tgt Ion:264 Resp: 100837
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 23.0 16.9 25.3





#92

Benzo(g,h,i)perylene

Concen: 3.755 ng

RT: 17.351 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF132016.D

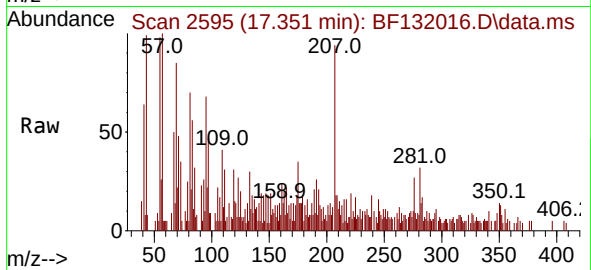
Acq: 11 Jan 2023 01:46

Instrument :

BNA_F

ClientSampleId :

PL-3-010923



Tgt Ion:276 Resp: 1376

Ion Ratio Lower Upper

276 100

277 33.9 18.2 27.2#

138 42.1 11.7 17.5#

