

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

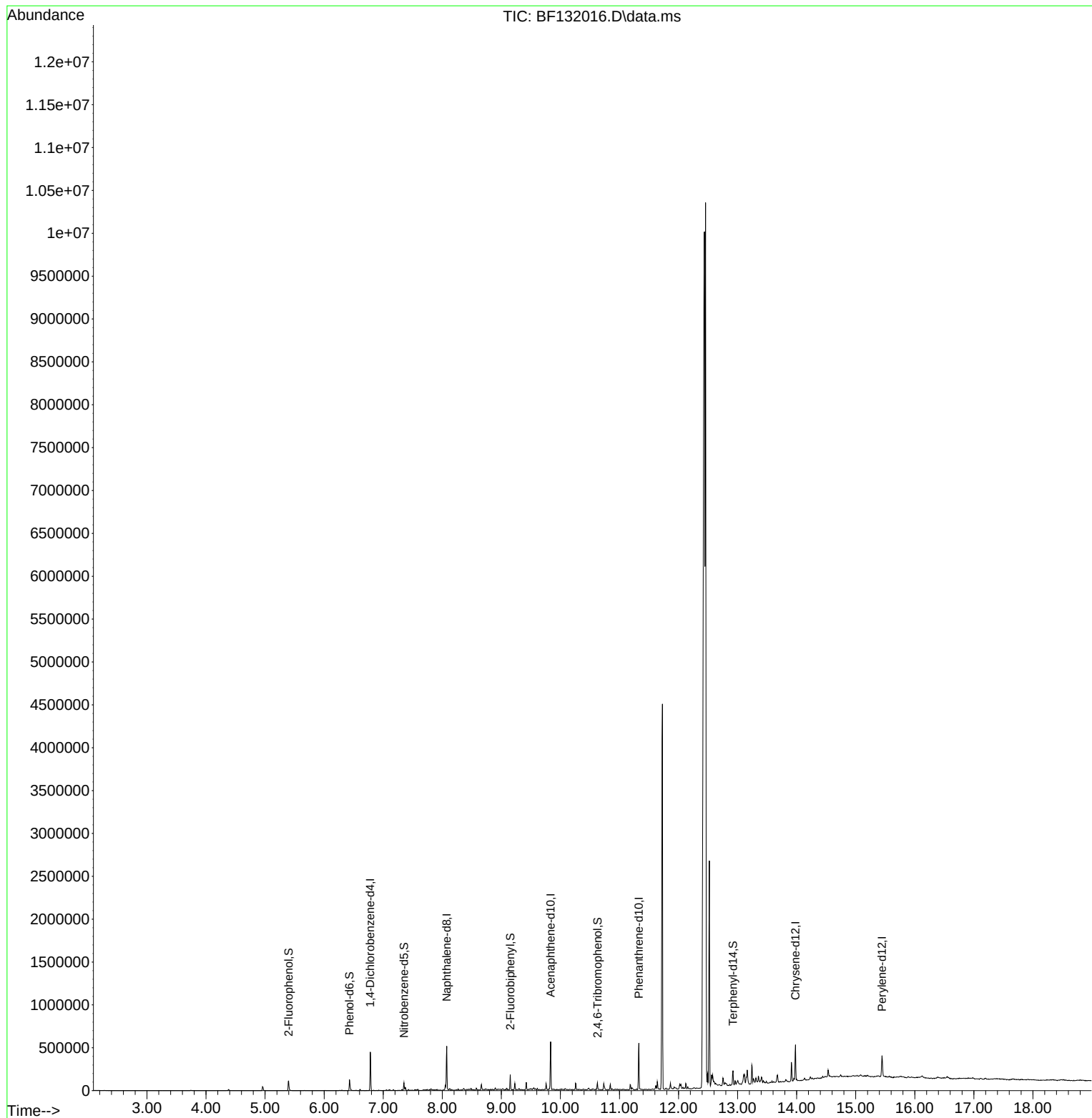
Target Compounds	Qvalue

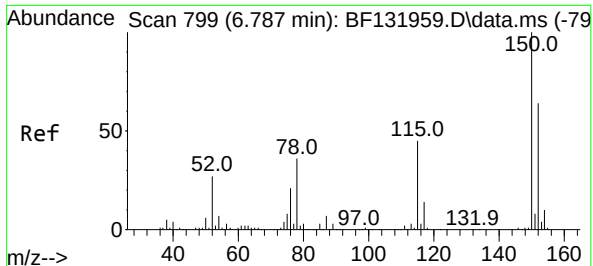
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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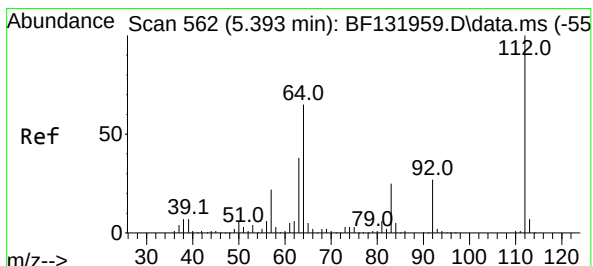
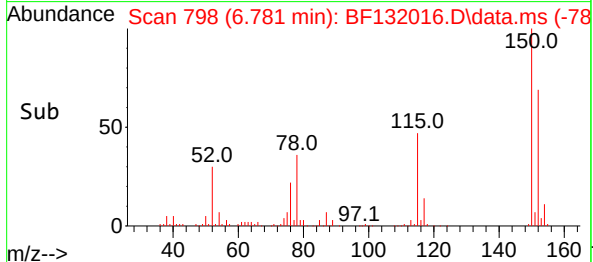
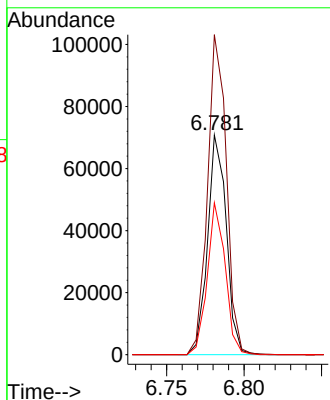
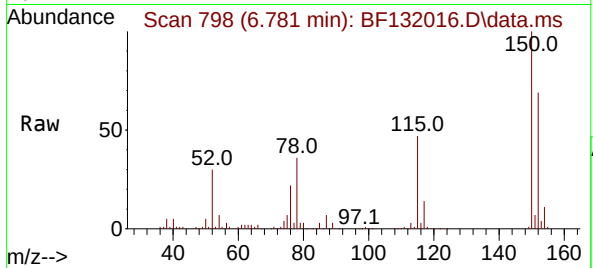




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132016.D
 Acq: 11 Jan 2023 01:46

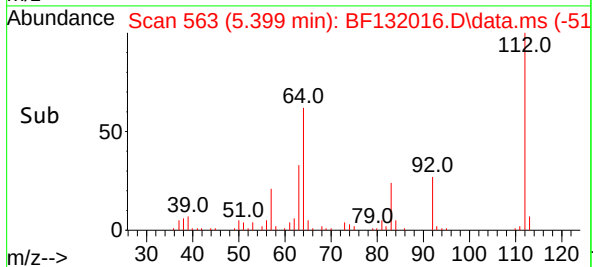
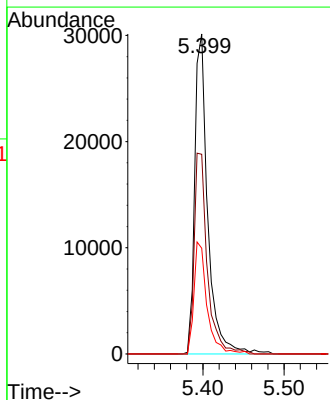
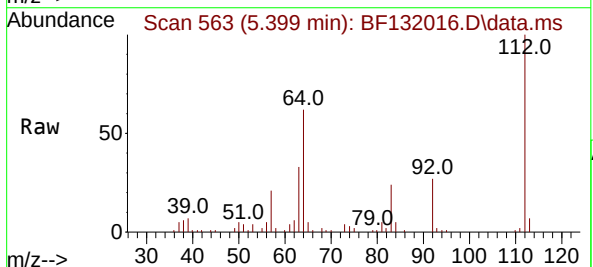
Instrument :
 BNA_F
 ClientSampleId :
 PL-3-010923

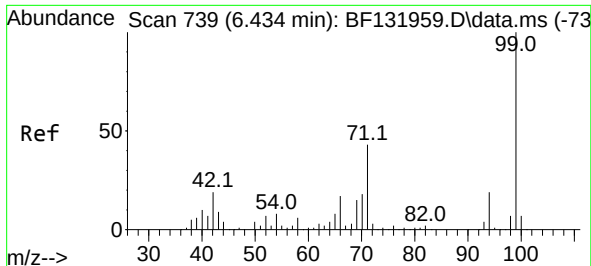
Tgt Ion:152 Resp: 59516
 Ion Ratio Lower Upper
 152 100
 150 145.7 124.6 186.8
 115 69.1 55.6 83.4



#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

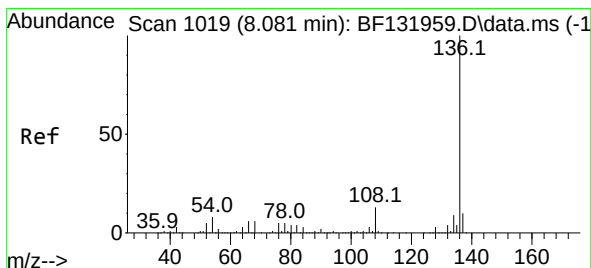
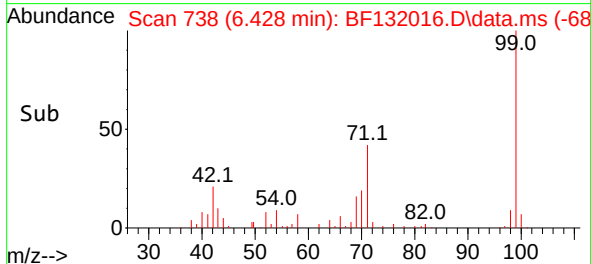
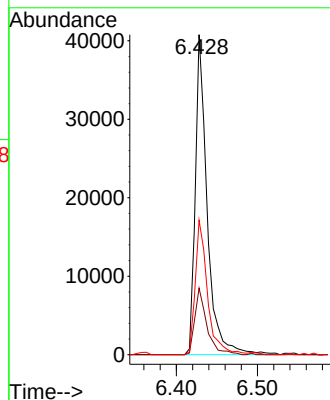
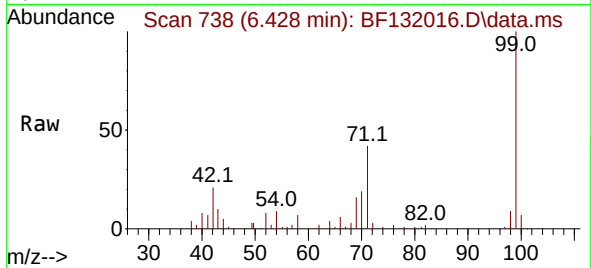




#7
Phenol-d6
Concen: 8.702 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132016.D
Acq: 11 Jan 2023 01:46

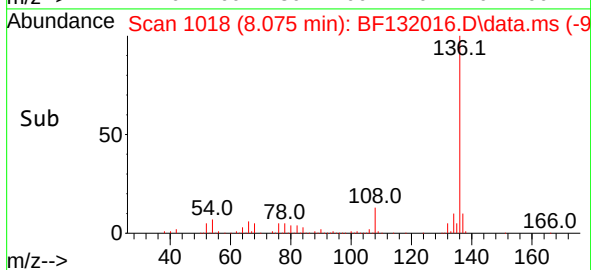
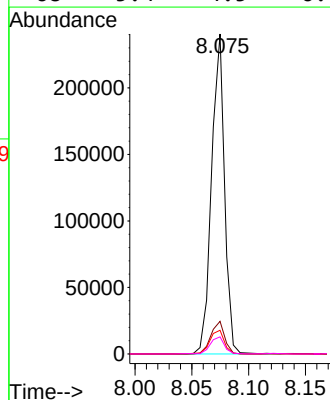
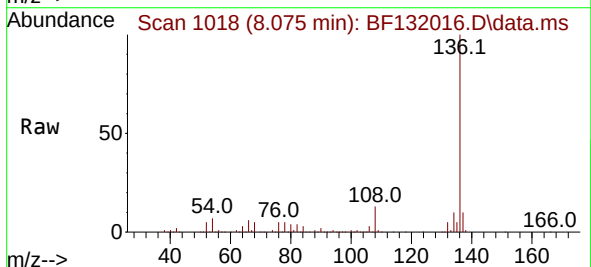
Instrument :
BNA_F
ClientSampleId :
PL-3-010923

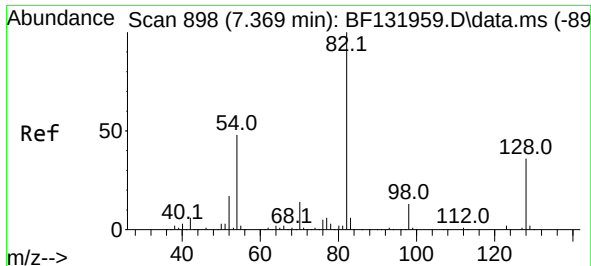
Tgt Ion: 99 Resp: 41672
Ion Ratio Lower Upper
99 100
42 20.8 15.4 23.2
71 42.1 34.6 51.8



#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# 89

Delta R.T. -0.018 min

Lab File: BF132016.D

Acq: 11 Jan 2023 01:46

Instrument :

BNA_F

ClientSampleId :

PL-3-010923

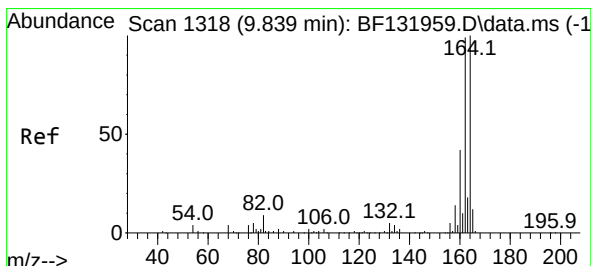
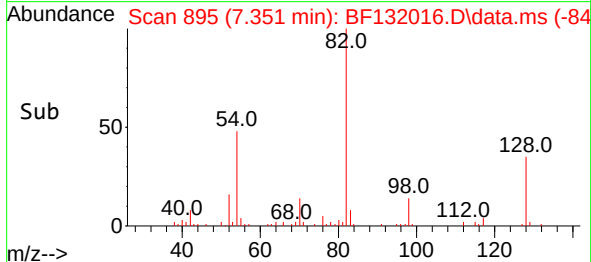
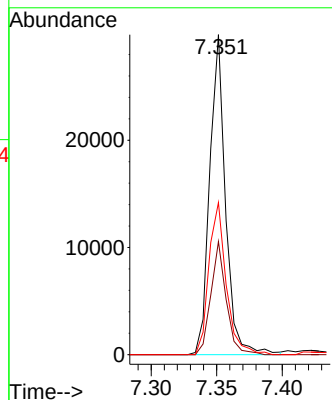
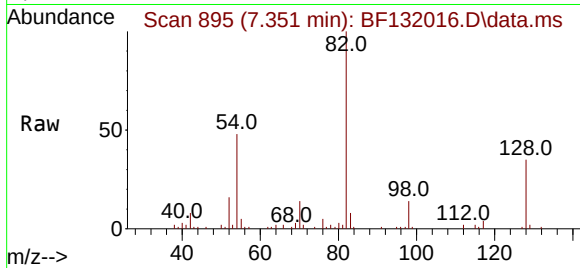
Tgt Ion: 82 Resp: 25112

Ion Ratio Lower Upper

82 100

128 35.3 28.7 43.1

54 47.5 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF132016.D

Acq: 11 Jan 2023 01:46

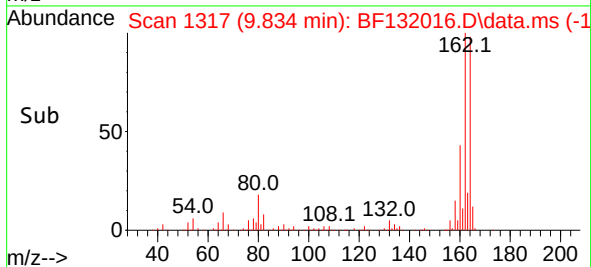
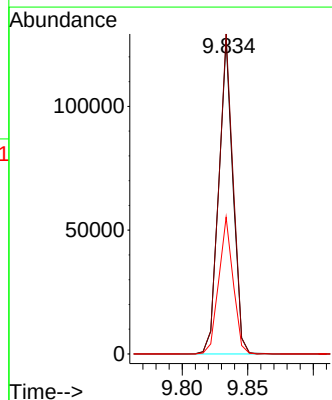
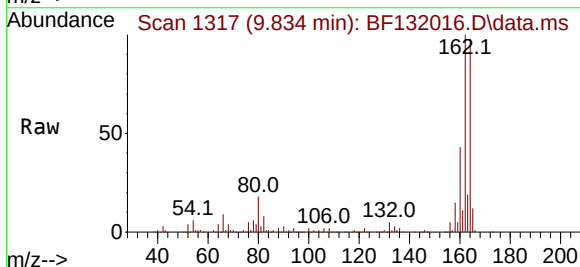
Tgt Ion:164 Resp: 95476

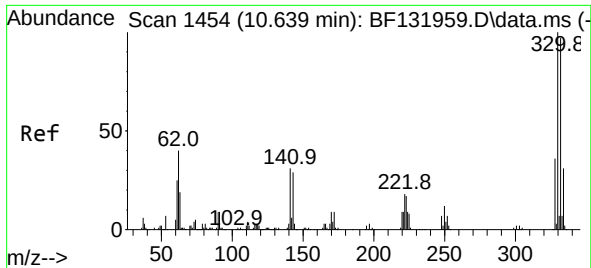
Ion Ratio Lower Upper

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# 1454

Delta R.T. -0.012 min

Lab File: BF132016.D

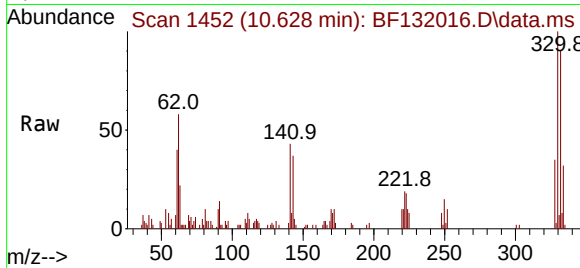
Acq: 11 Jan 2023 01:46

Instrument :

BNA_F

ClientSampleId :

PL-3-010923



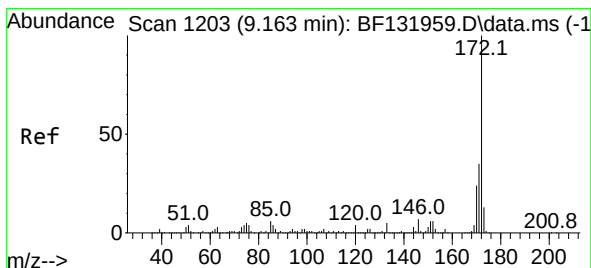
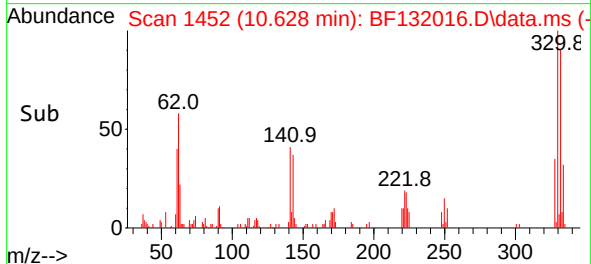
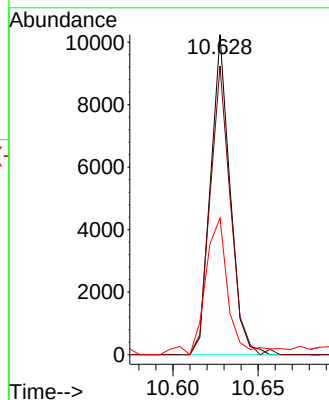
Tgt Ion:330 Resp: 8139

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# 1201

Delta R.T. -0.012 min

Lab File: BF132016.D

Acq: 11 Jan 2023 01:46

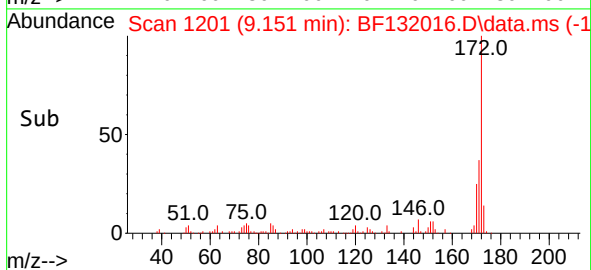
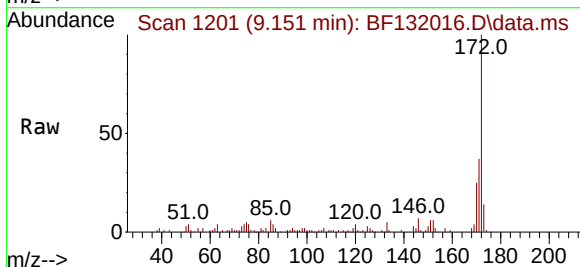
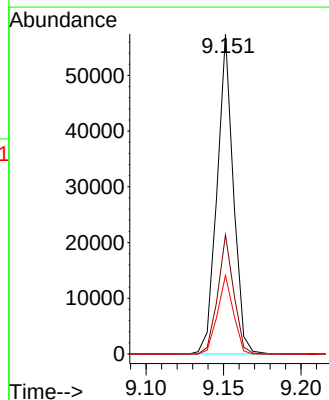
Tgt Ion:172 Resp: 41881

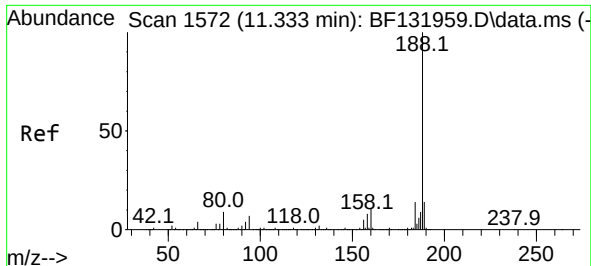
Ion Ratio Lower Upper

172 100

171 37.3 28.0 42.0

170 24.6 18.9 28.3

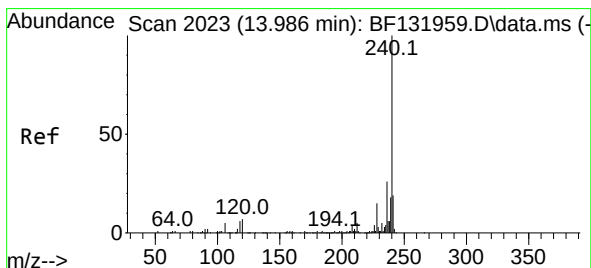
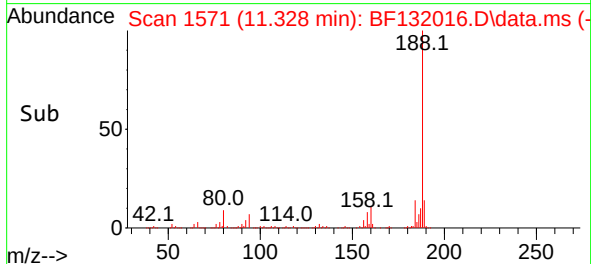
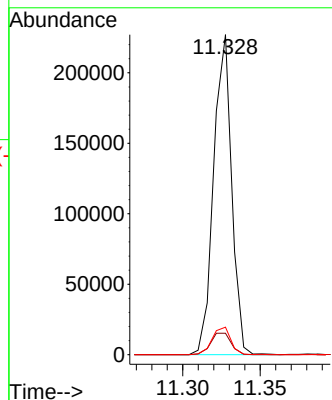
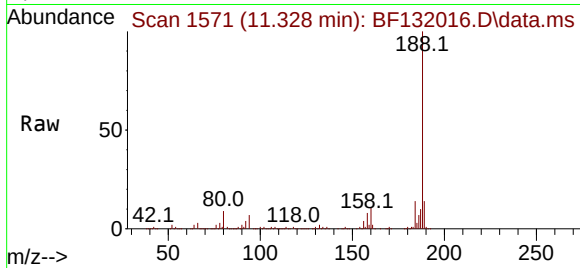




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132016.D
Acq: 11 Jan 2023 01:46

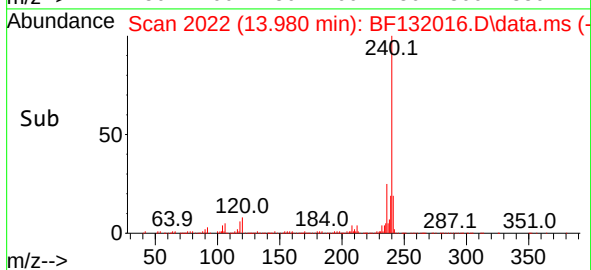
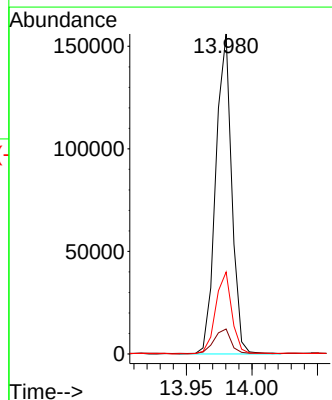
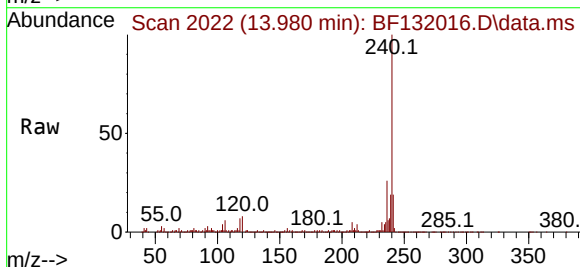
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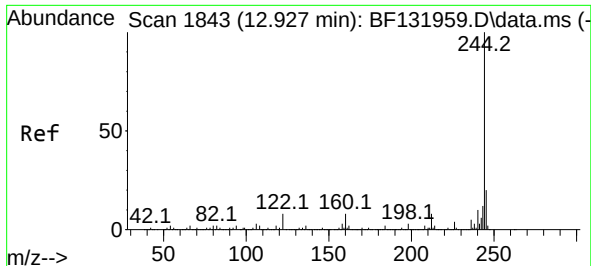
Tgt Ion:188 Resp: 183390
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.6
80 8.6 7.4 11.0



#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

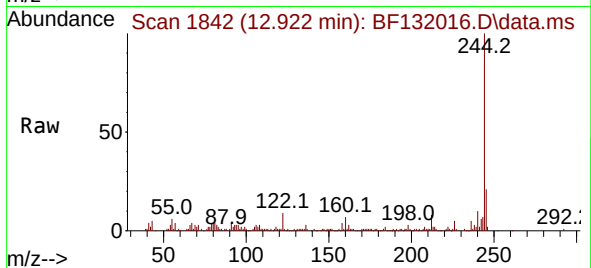
Tgt Ion:240 Resp: 131892
Ion Ratio Lower Upper
240 100
120 7.8 5.4 8.0
236 25.6 21.1 31.7



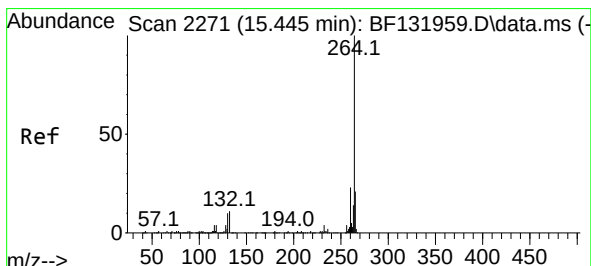
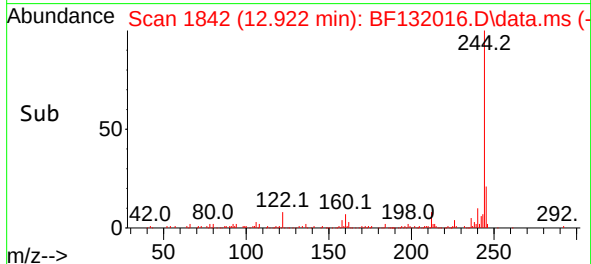
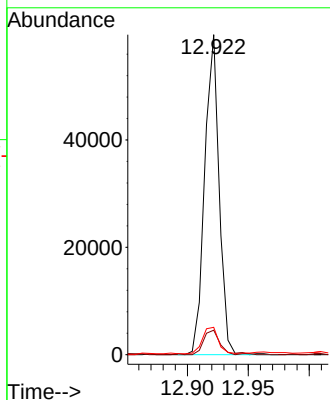


#79
Terphenyl-d14
Concen: 5.323 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF132016.D
Acq: 11 Jan 2023 01:46

Instrument :
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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

