

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132029.D
 Acq On : 11 Jan 2023 18:29
 Operator : CG\JU
 Sample : 01073-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1526

Quant Time: Jan 12 00:36:54 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	6.775	152	82618	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	304143	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	181925	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	349445	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	145798	20.000	ng	-0.01
86) Perylene-d12	15.439	264	147296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	305771	60.985	ng	0.00
7) Phenol-d6	6.422	99	584464	87.918	ng	-0.01
23) Nitrobenzene-d5	7.351	82	493477	67.340	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	62544	29.900	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	916747	68.027	ng	-0.01
79) Terphenyl-d14	12.915	244	961219	94.493	ng	-0.01

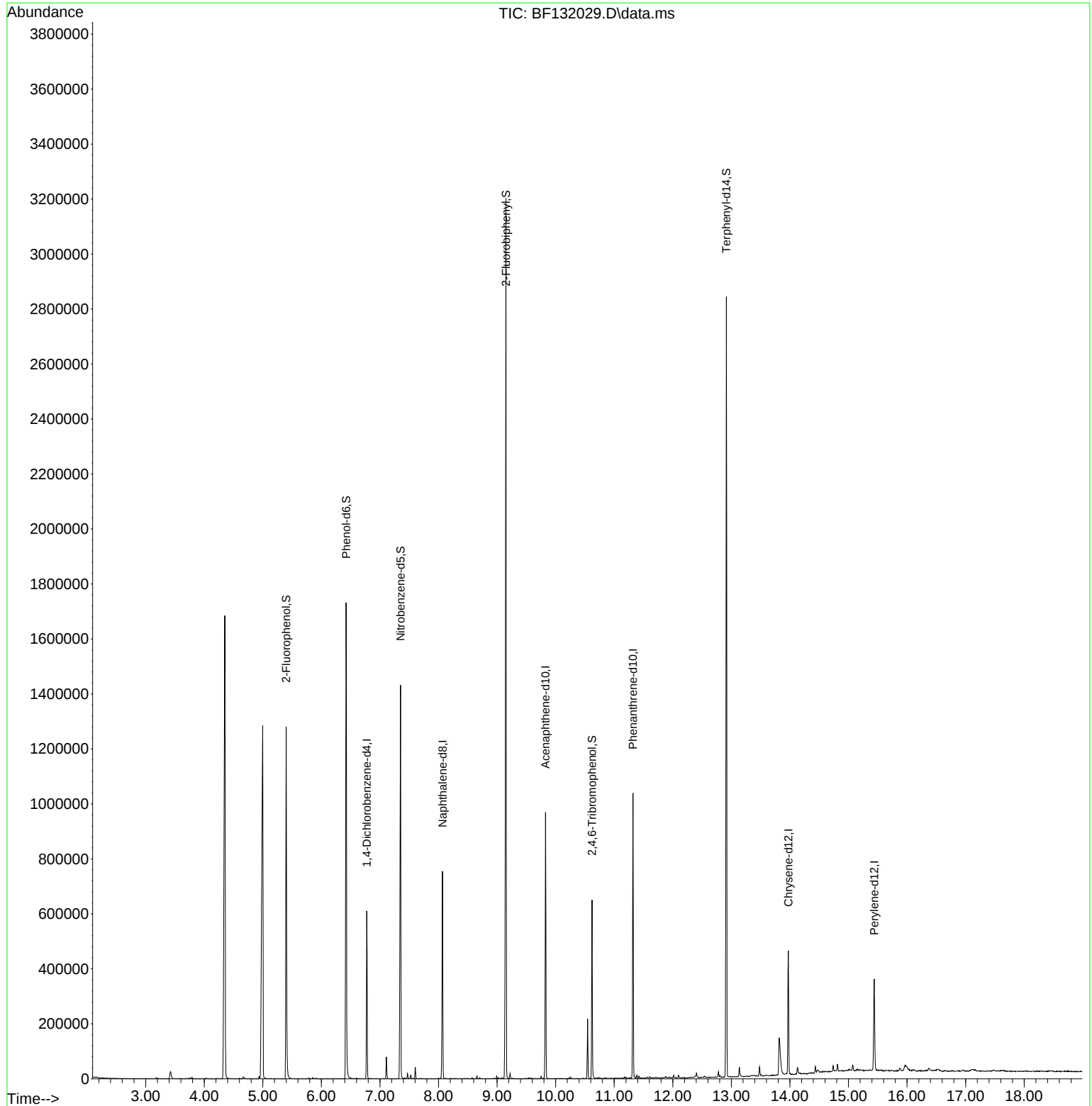
Target Compounds Qvalue

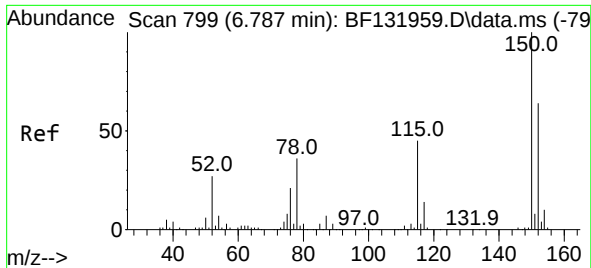
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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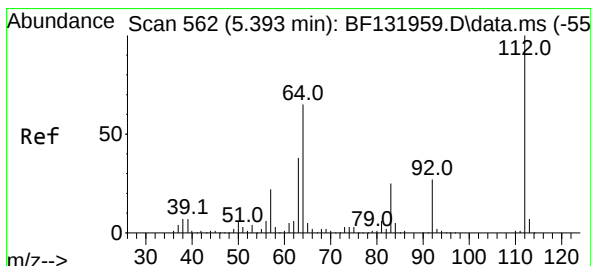
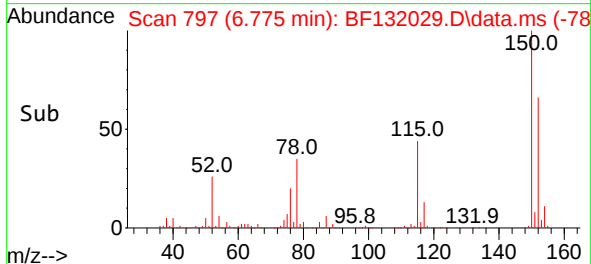
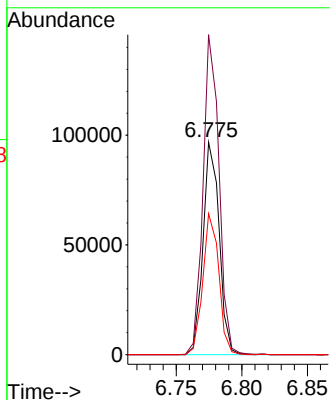
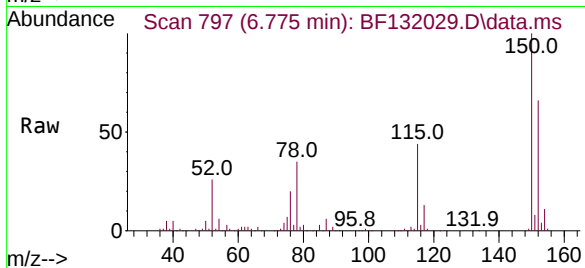




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

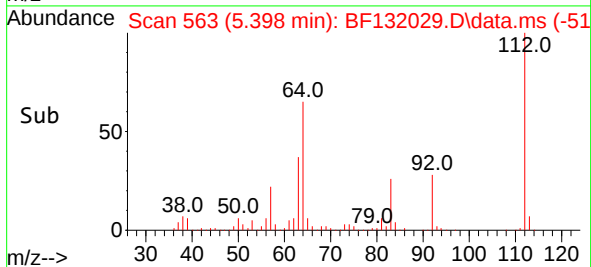
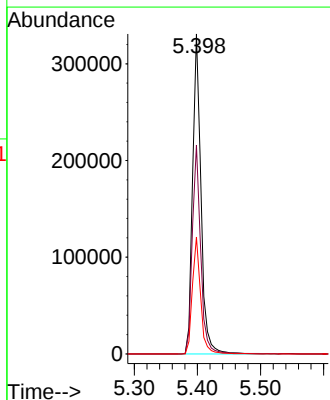
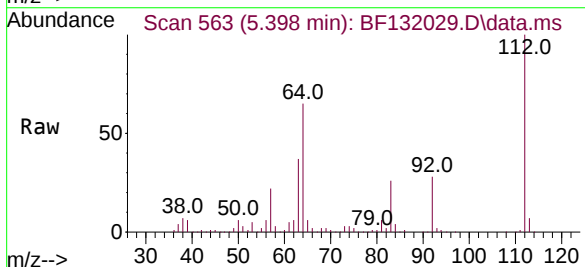
Instrument :
BNA_F
ClientSampleId :
1526

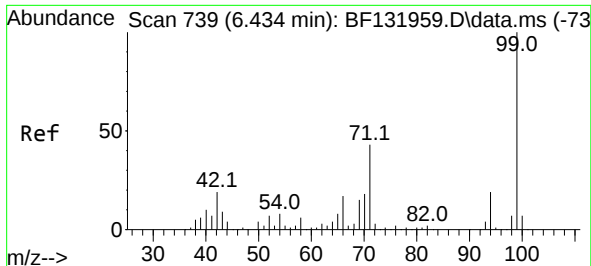
Tgt Ion:152 Resp: 82618
Ion Ratio Lower Upper
152 100
150 150.6 124.6 186.8
115 66.3 55.6 83.4



#5
2-Fluorophenol
Concen: 60.985 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

Tgt Ion:112 Resp: 305771
Ion Ratio Lower Upper
112 100
64 65.3 51.9 77.9
63 36.5 30.2 45.2

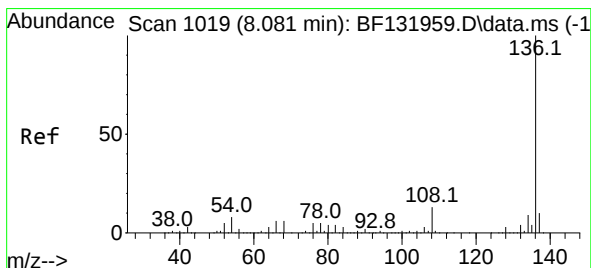
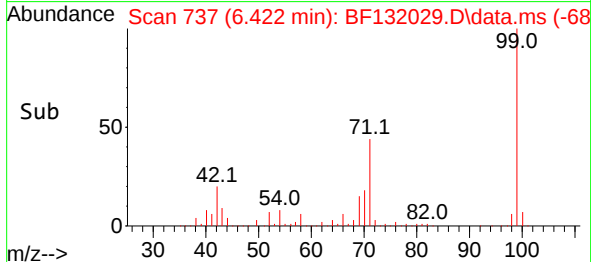
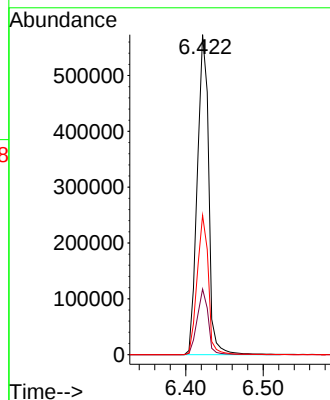
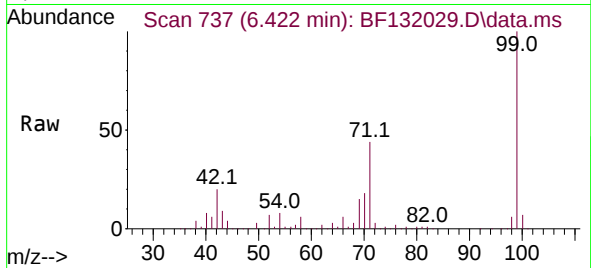




#7
Phenol-d6
Concen: 87.918 ng
RT: 6.422 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

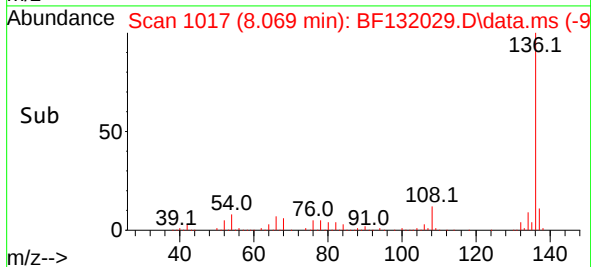
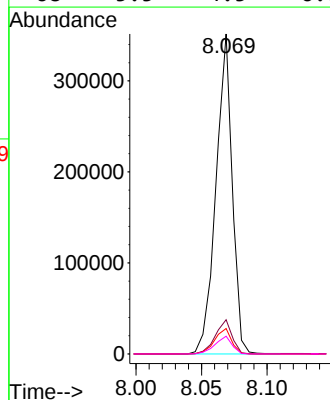
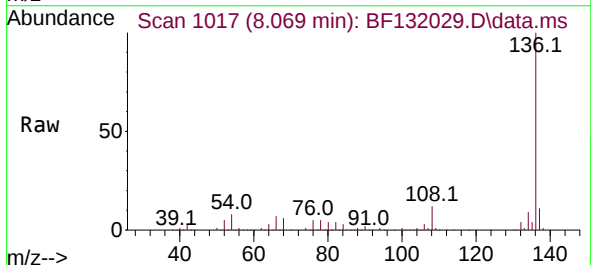
Instrument :
BNA_F
ClientSampleId :
1526

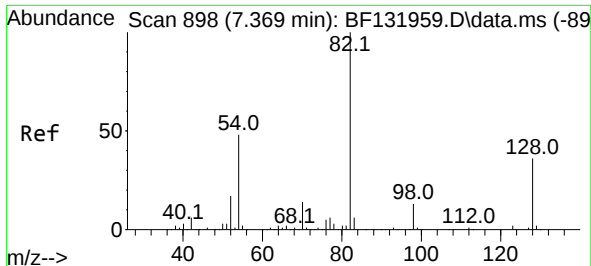
Tgt Ion: 99 Resp: 584464
Ion Ratio Lower Upper
99 100
42 20.5 15.4 23.2
71 43.5 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

Tgt Ion: 136 Resp: 304143
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 7.9 6.6 9.8
68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 67.340 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

Instrument :

BNA_F

ClientSampleId :

1526

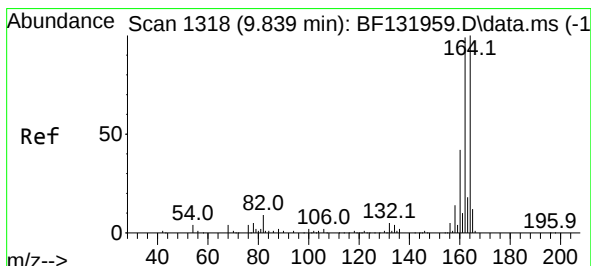
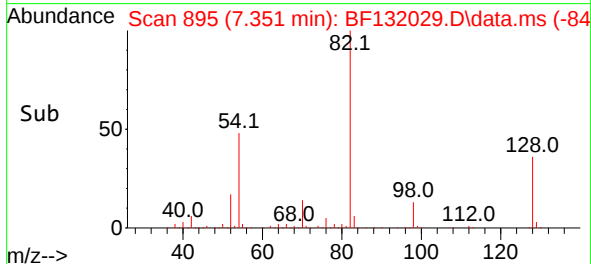
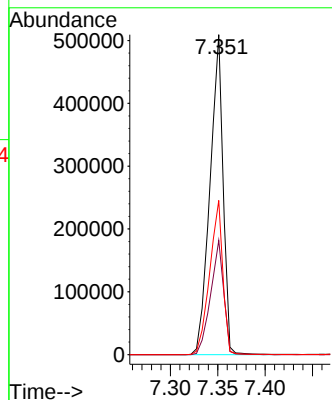
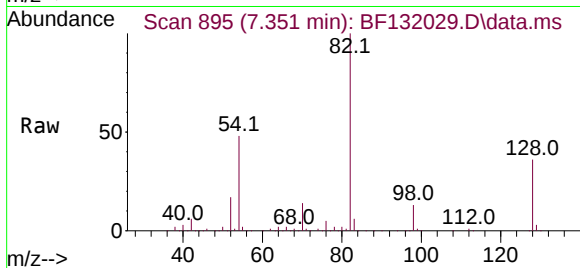
Tgt Ion: 82 Resp: 493477

Ion Ratio Lower Upper

82 100

128 35.7 28.7 43.1

54 48.2 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

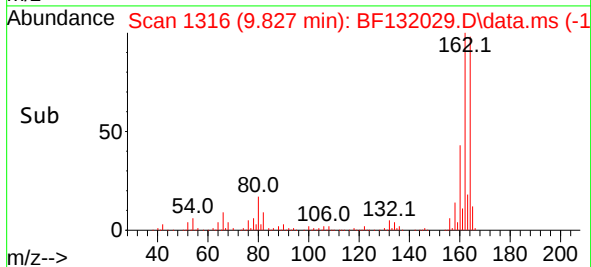
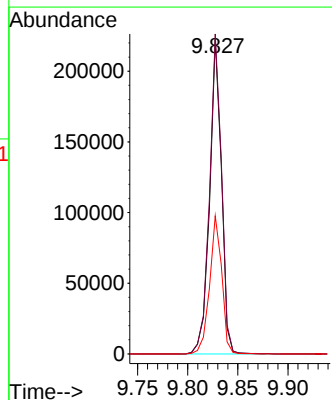
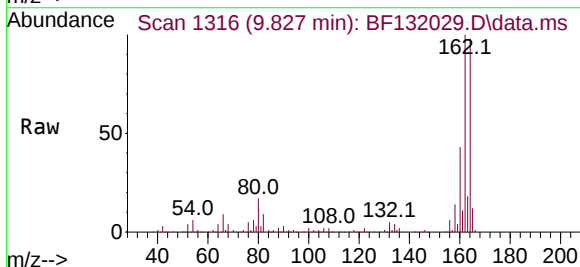
Tgt Ion:164 Resp: 181925

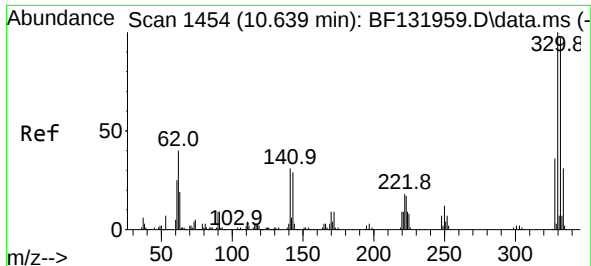
Ion Ratio Lower Upper

164 100

162 101.8 79.4 119.0

160 43.9 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 29.900 ng

RT: 10.621 min Scan# 1454

Delta R.T. -0.018 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

Instrument :

BNA_F

ClientSampleId :

1526

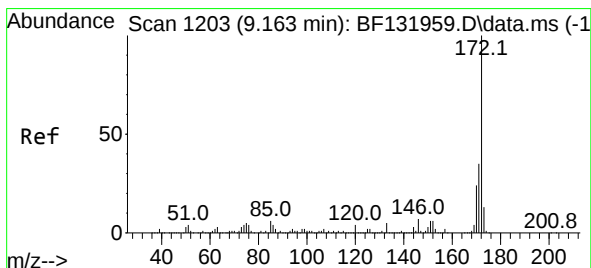
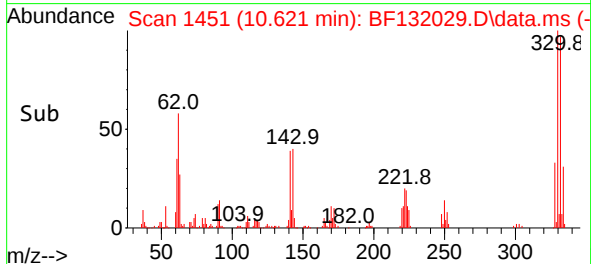
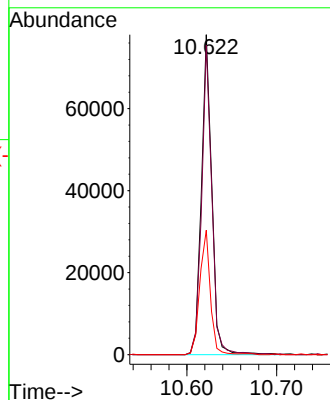
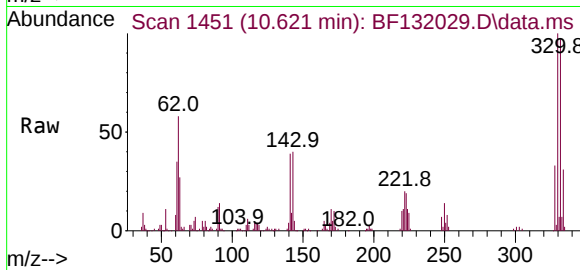
Tgt Ion:330 Resp: 62544

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

141 39.4 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 68.027 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

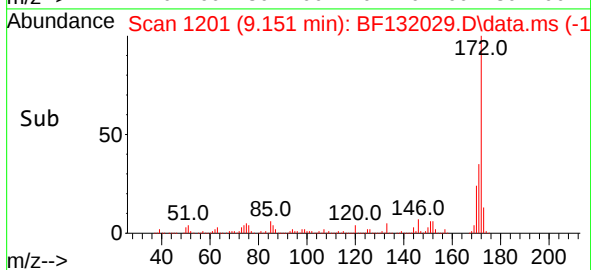
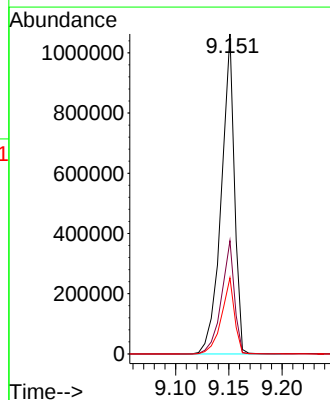
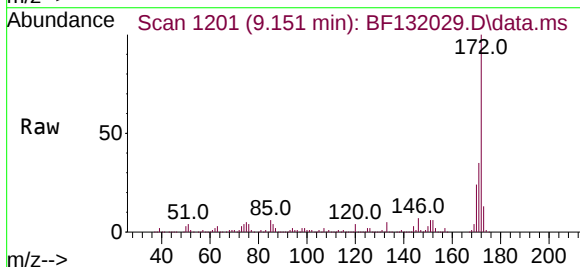
Tgt Ion:172 Resp: 916747

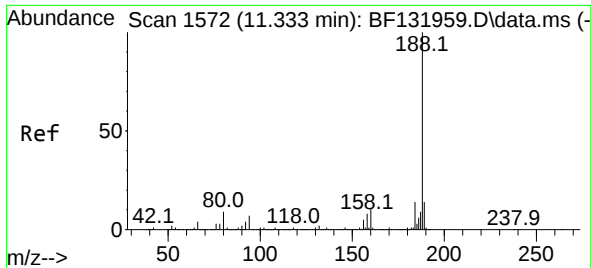
Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.8 18.9 28.3

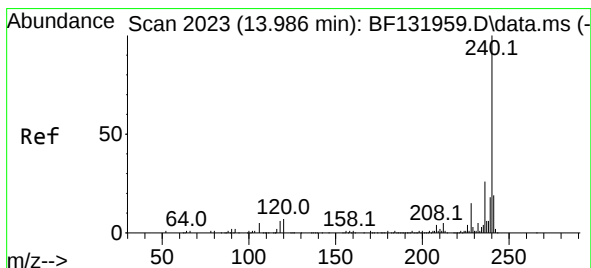
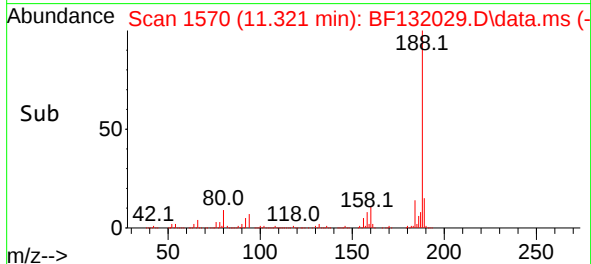
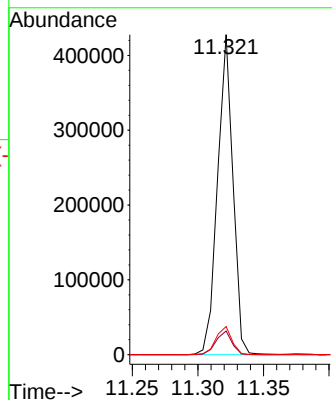
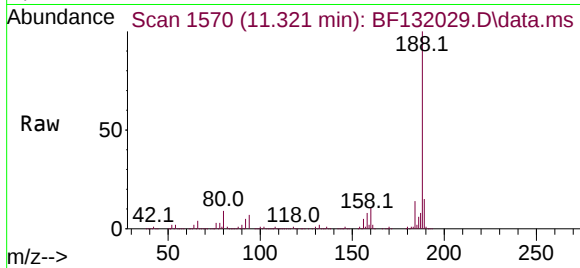




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

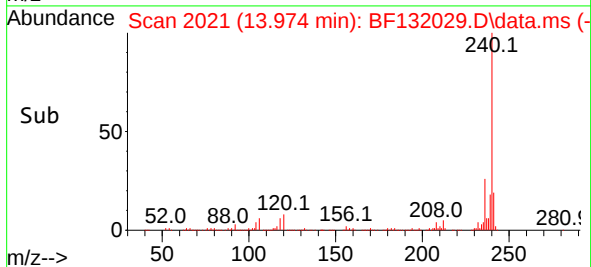
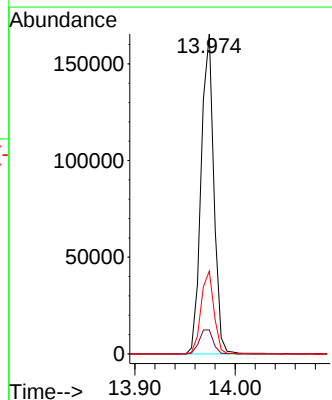
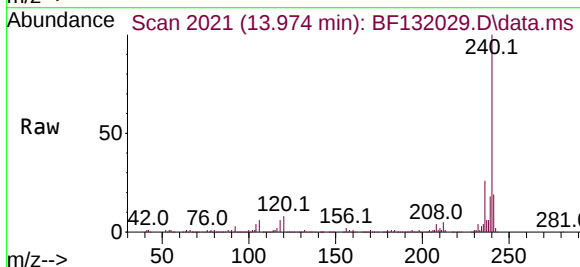
Instrument :
BNA_F
ClientSampleId :
1526

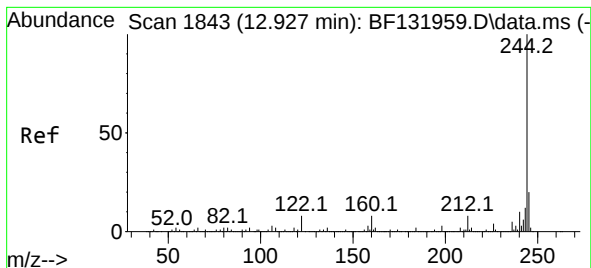
Tgt Ion:188 Resp: 349445
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 8.8 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

Tgt Ion:240 Resp: 145798
Ion Ratio Lower Upper
240 100
120 7.5 5.4 8.0
236 25.9 21.1 31.7





#79

Terphenyl-d14

Concen: 94.493 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

Instrument :

BNA_F

ClientSampleId :

1526

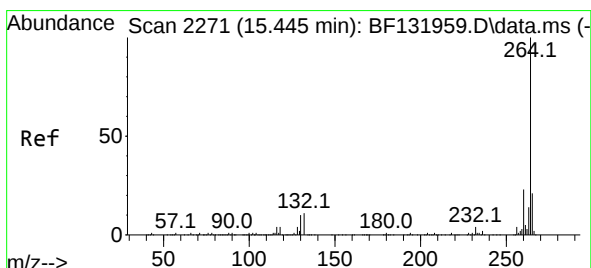
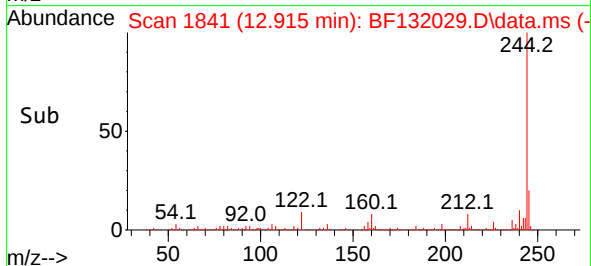
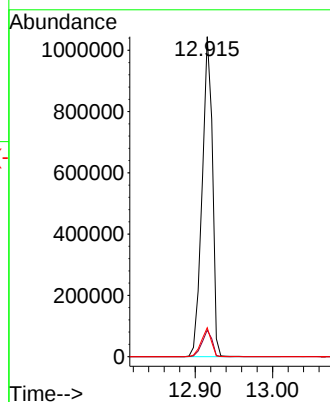
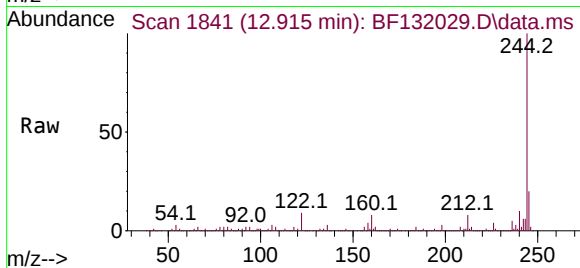
Tgt Ion:244 Resp: 961219

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

122 9.1 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

Tgt Ion:264 Resp: 147296

Ion Ratio Lower Upper

264 100

260 24.7 18.3 27.5

265 20.7 16.9 25.3

