

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132133.D
 Acq On : 18 Jan 2023 23:15
 Operator : CG\JU
 Sample : 01186-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-UNK

Quant Time: Jan 19 05:24:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	213950	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	769623	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	415469	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	818949	20.000	ng	0.00
76) Chrysene-d12	14.307	240	543054	20.000	ng	0.00
86) Perylene-d12	15.906	264	429352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	781242	64.965	ng	0.00
7) Phenol-d6	6.695	99	639959	41.193	ng	-0.02
23) Nitrobenzene-d5	7.660	82	1342502	92.591	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	635940	139.897	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	2110236	88.372	ng	0.00
79) Terphenyl-d14	13.248	244	2563417	76.589	ng	0.00

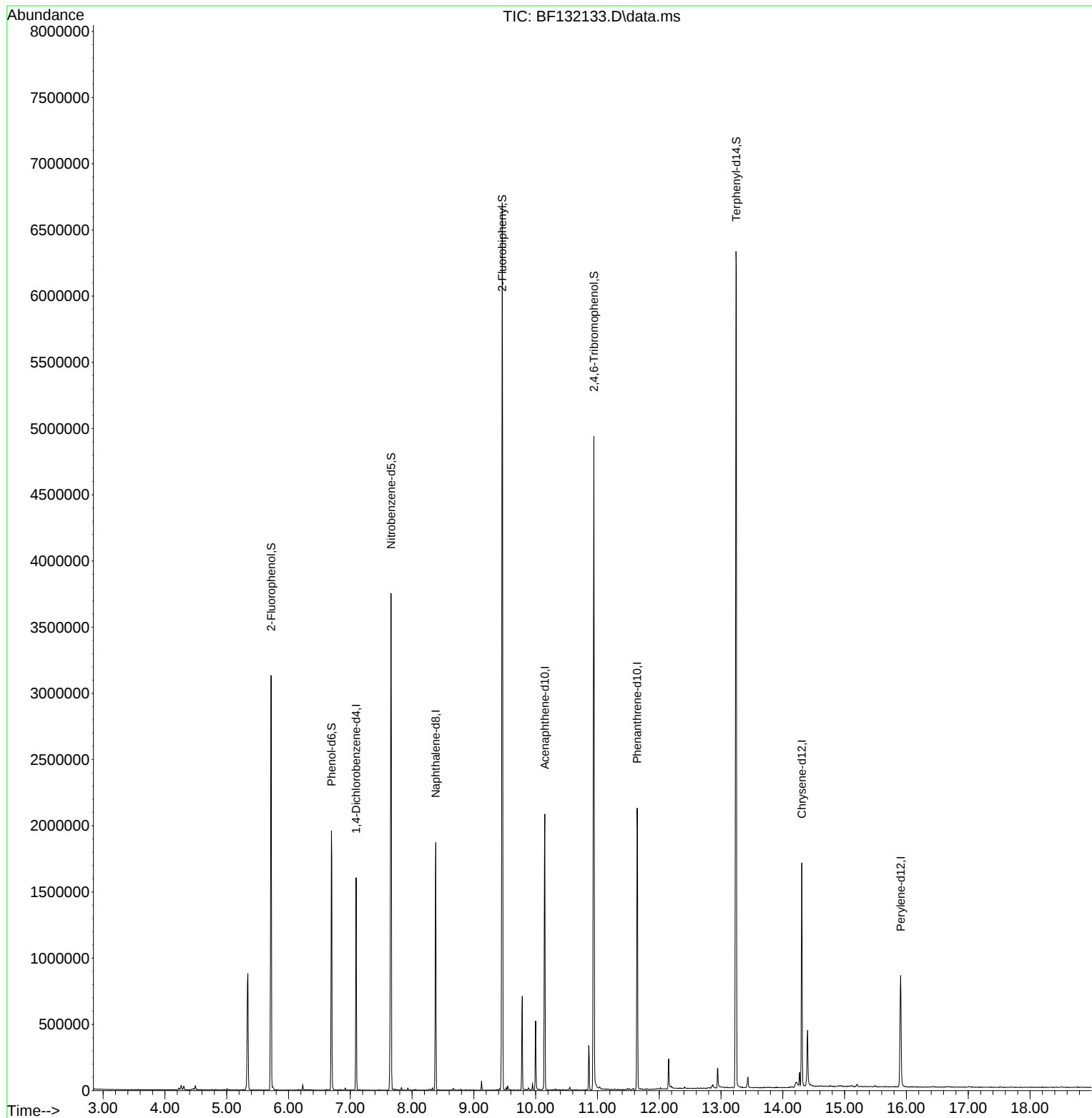
Target Compounds Qvalue

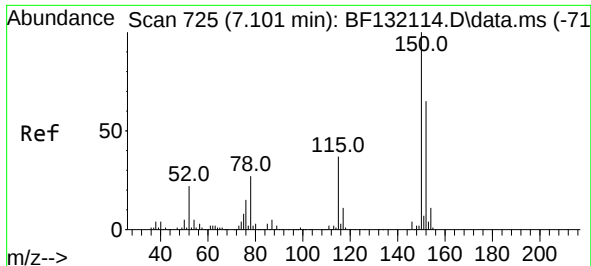
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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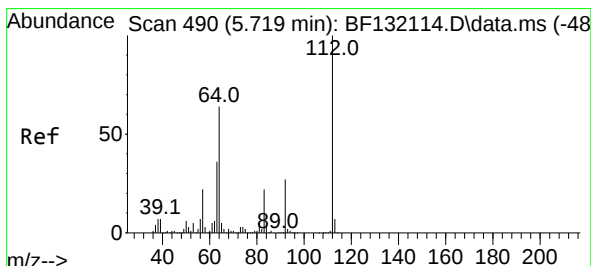
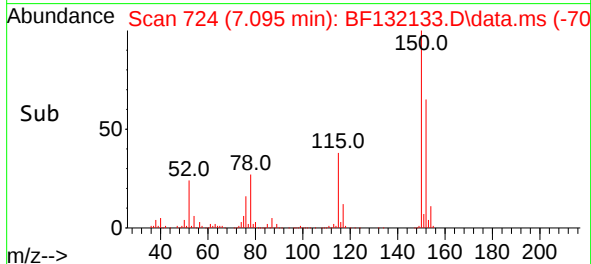
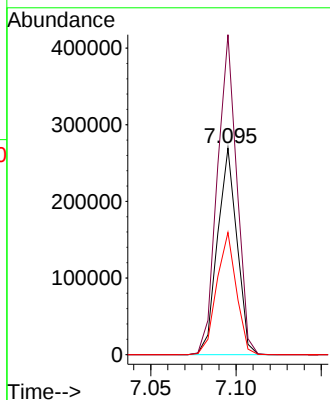
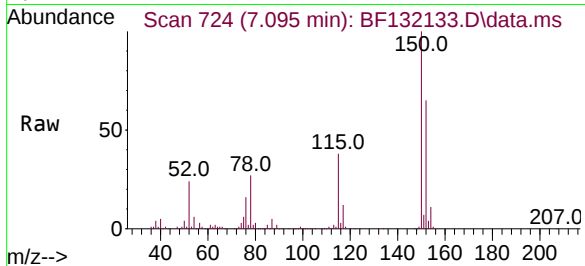




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

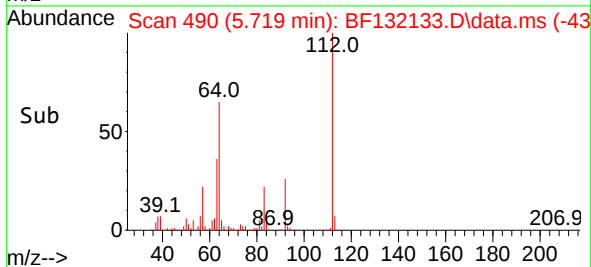
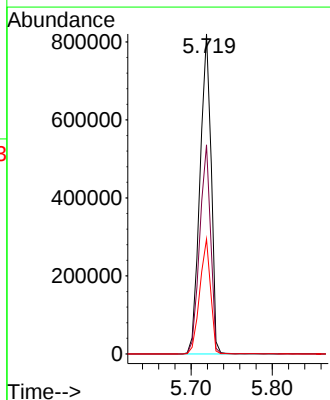
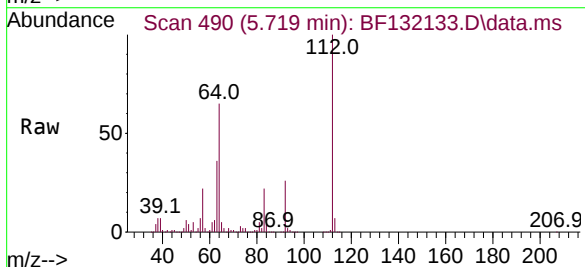
Instrument :
BNA_F
ClientSampleId :
MW-UNK

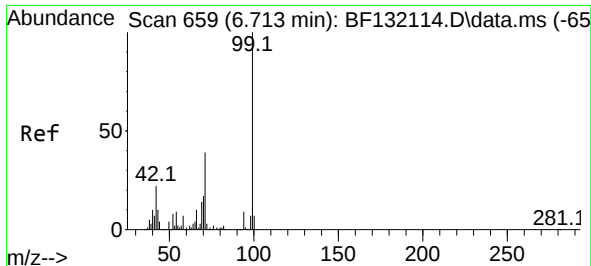
Tgt Ion:152 Resp: 213950
Ion Ratio Lower Upper
152 100
150 155.0 123.3 184.9
115 59.2 45.8 68.6



#5
2-Fluorophenol
Concen: 64.965 ng
RT: 5.719 min Scan# 490
Delta R.T. -0.000 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

Tgt Ion:112 Resp: 781242
Ion Ratio Lower Upper
112 100
64 65.4 51.0 76.6
63 35.9 28.7 43.1

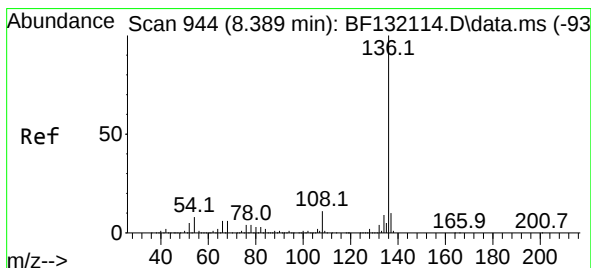
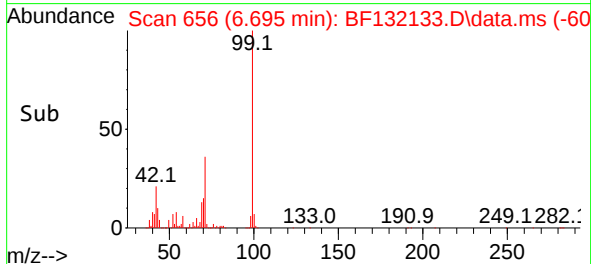
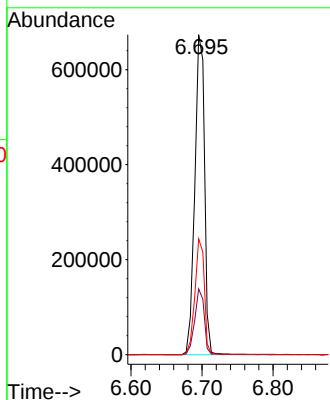
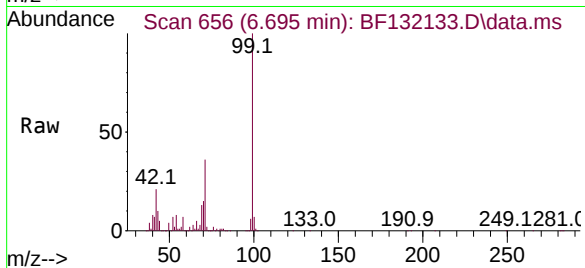




#7
Phenol-d6
Concen: 41.193 ng
RT: 6.695 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

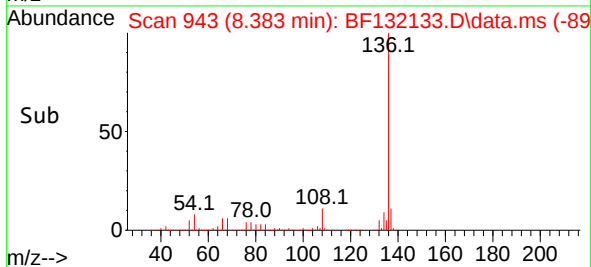
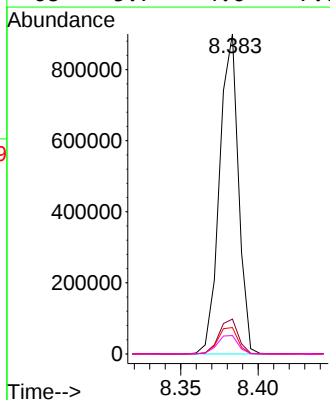
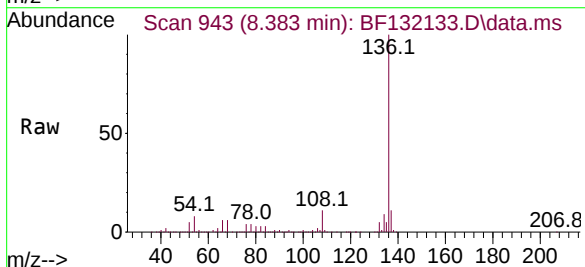
Instrument :
BNA_F
ClientSampleId :
MW-UNK

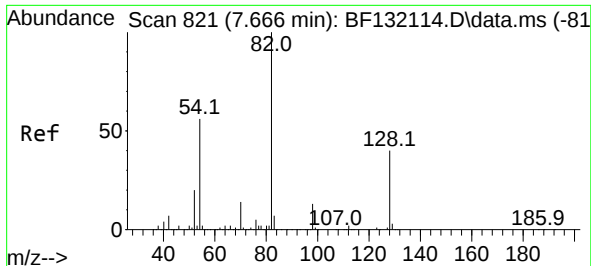
Tgt Ion: 99 Resp: 639959
Ion Ratio Lower Upper
99 100
42 20.5 17.2 25.8
71 36.2 31.0 46.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.383 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

Tgt Ion: 136 Resp: 769623
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.2 6.6 10.0
68 5.7 4.6 7.0

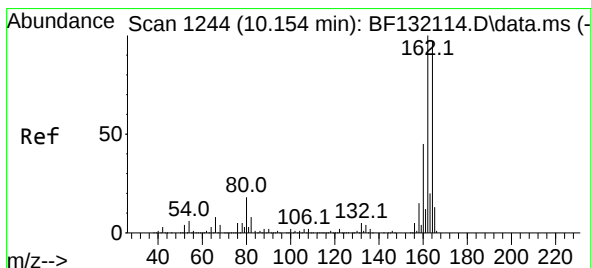
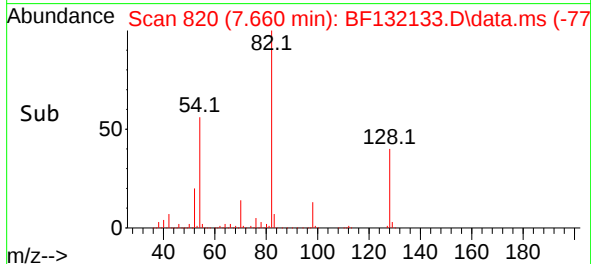
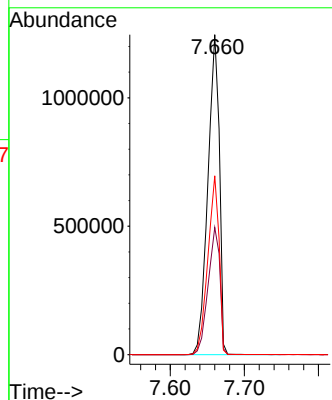
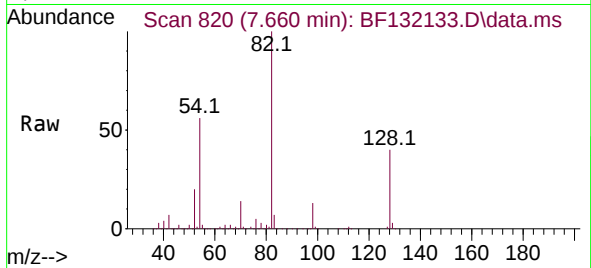




#23
Nitrobenzene-d5
Concen: 92.591 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

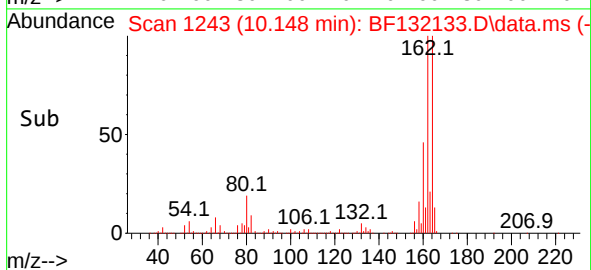
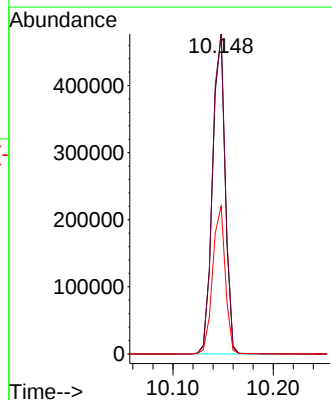
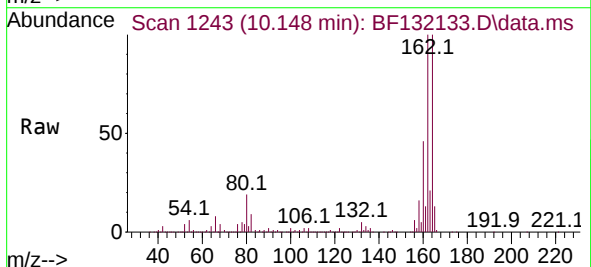
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MW-UNK

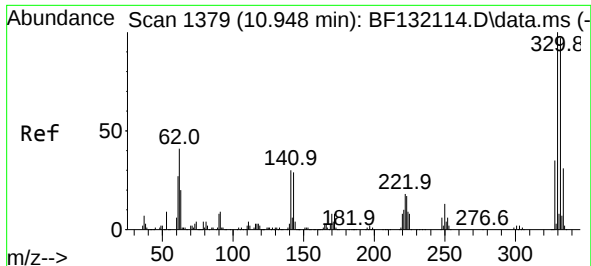
Tgt Ion: 82 Resp: 1342502
Ion Ratio Lower Upper
82 100
128 39.7 32.0 48.0
54 55.9 45.1 67.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

Tgt Ion: 164 Resp: 415469
Ion Ratio Lower Upper
164 100
162 99.7 82.3 123.5
160 46.2 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 139.897 ng

RT: 10.942 min Scan# 1379

Delta R.T. -0.006 min

Lab File: BF132133.D

Acq: 18 Jan 2023 23:15

Instrument :

BNA_F

ClientSampleId :

MW-UNK

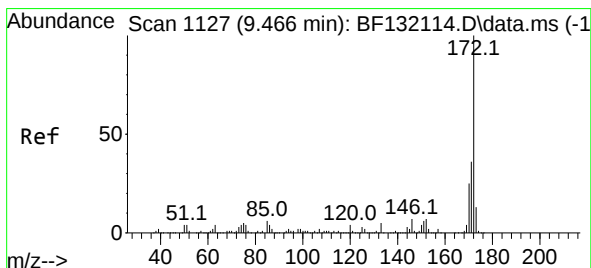
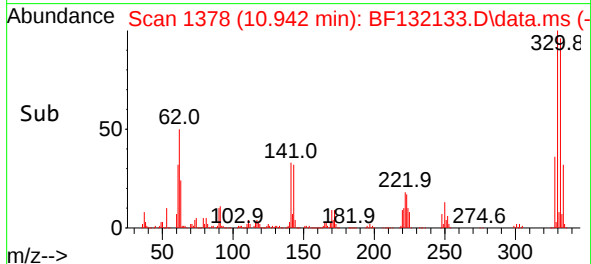
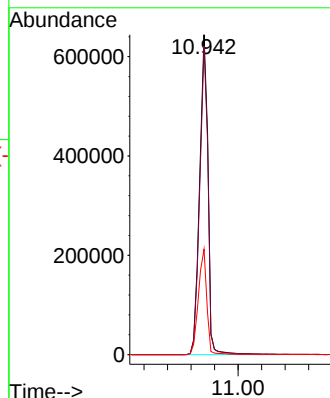
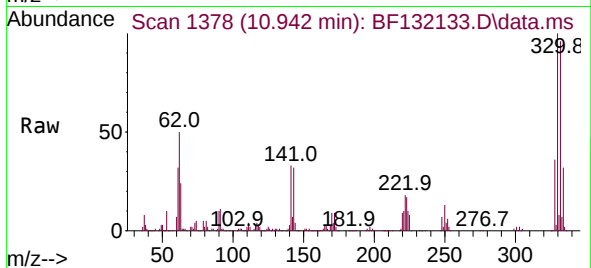
Tgt Ion:330 Resp: 635940

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 33.1 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 88.372 ng

RT: 9.460 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132133.D

Acq: 18 Jan 2023 23:15

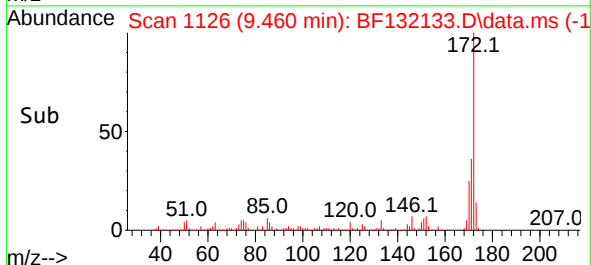
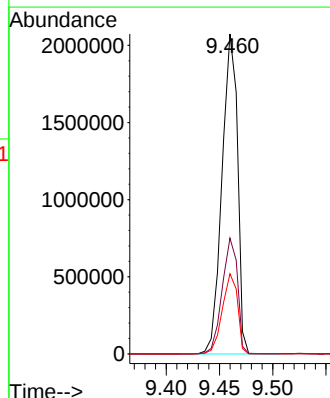
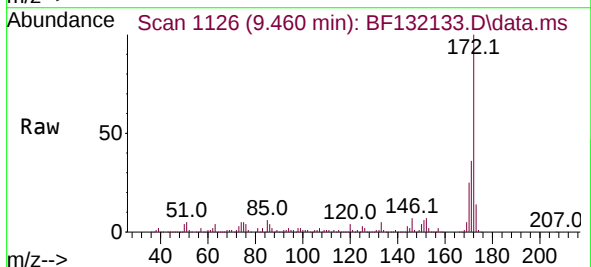
Tgt Ion:172 Resp: 2110236

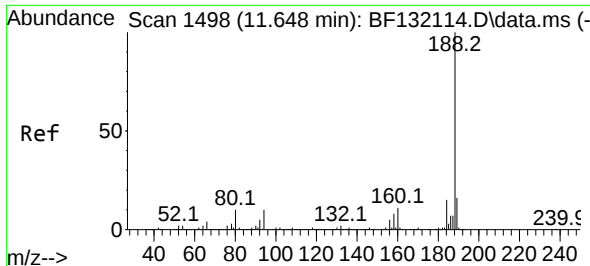
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 25.0 19.7 29.5

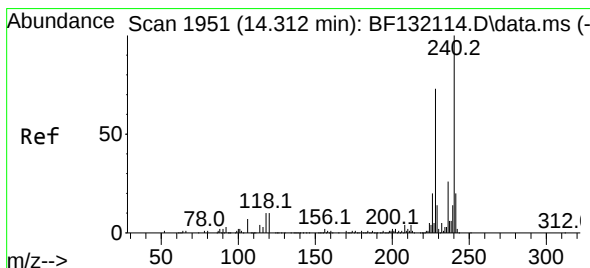
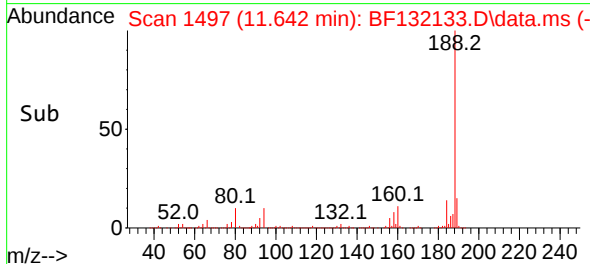
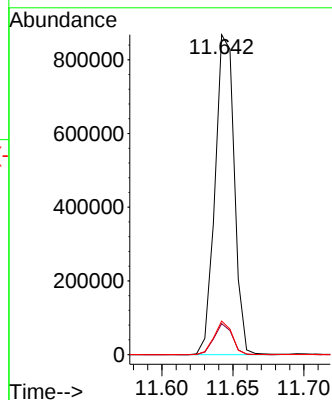
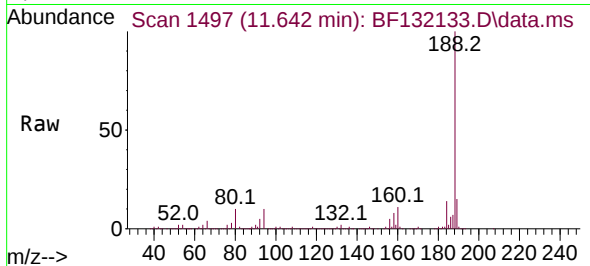




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

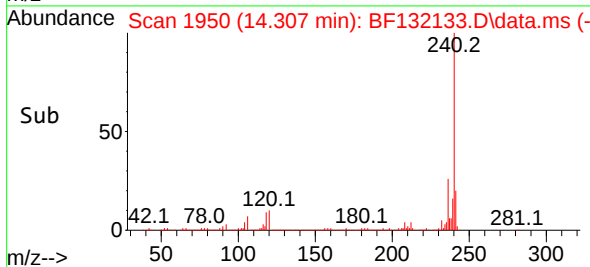
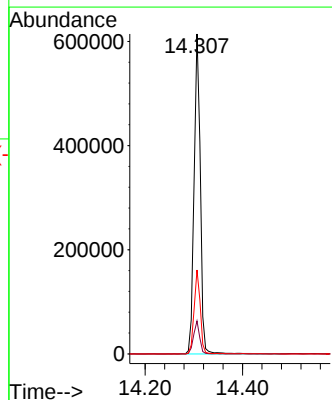
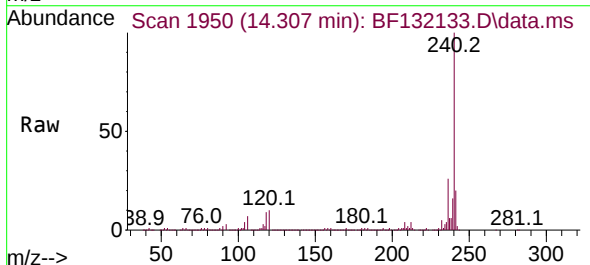
Instrument :
BNA_F
ClientSampleId :
MW-UNK

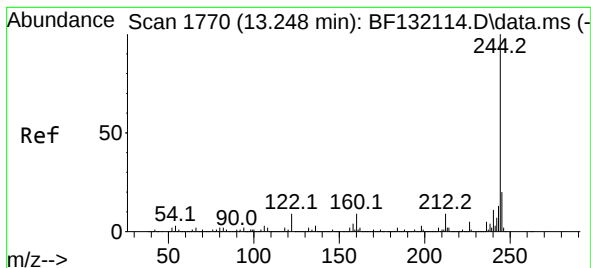
Tgt Ion:188 Resp: 818949
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

Tgt Ion:240 Resp: 543054
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 26.2 21.2 31.8





#79

Terphenyl-d14

Concen: 76.589 ng

RT: 13.248 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132133.D

Acq: 18 Jan 2023 23:15

Instrument :

BNA_F

ClientSampleId :

MW-UNK

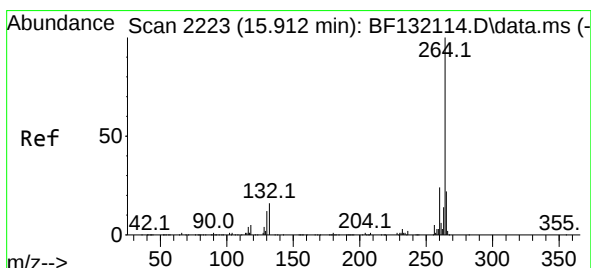
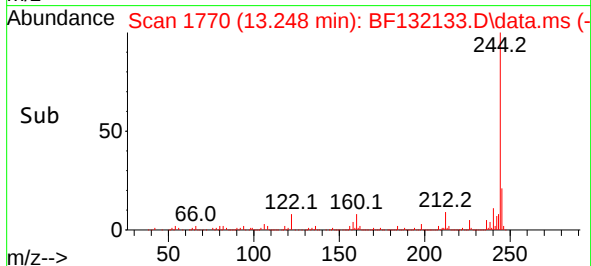
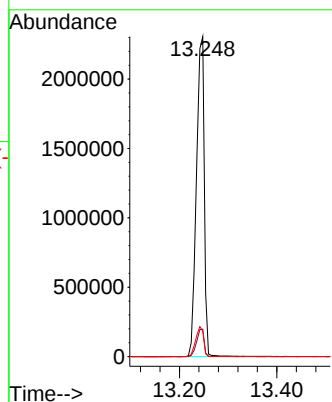
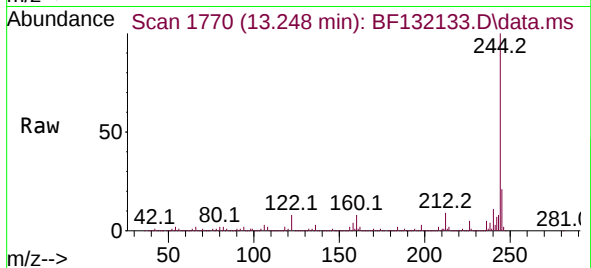
Tgt Ion:244 Resp: 2563417

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

122 8.0 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.906 min Scan# 2222

Delta R.T. -0.006 min

Lab File: BF132133.D

Acq: 18 Jan 2023 23:15

Tgt Ion:264 Resp: 429352

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 22.2 17.5 26.3

