

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132132.D
 Acq On : 18 Jan 2023 22:42
 Operator : CG\JU
 Sample : 01160-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 EB-2023-1-13

Quant Time: Jan 19 05:24:12 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)

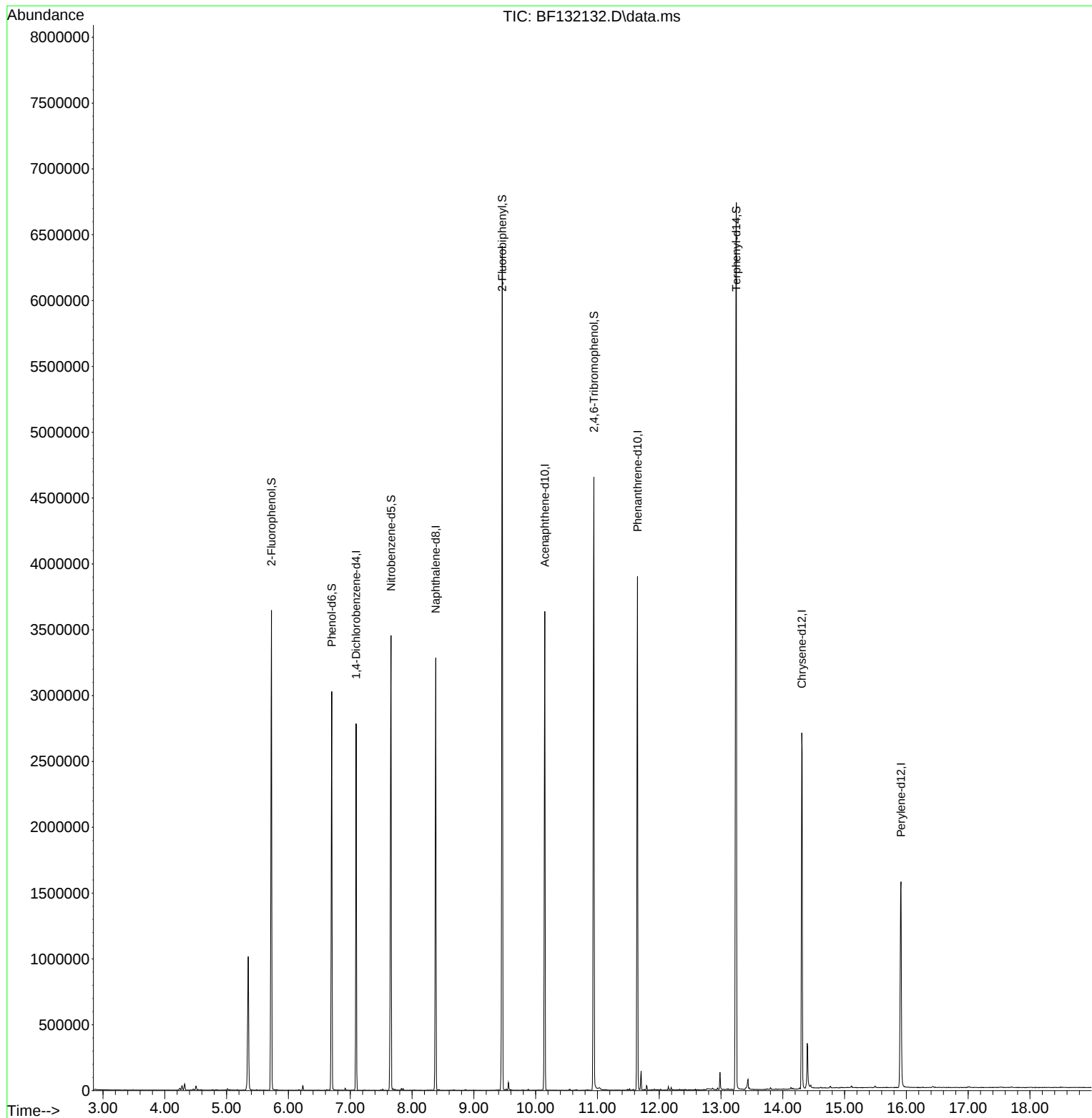
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	378314	40.000	ng	0.00
21) Naphthalene-d8	8.384	136	1329395	40.000	ng	0.00
39) Acenaphthene-d10	10.148	164	726500	40.000	ng	0.00
64) Phenanthrene-d10	11.648	188	1427725	40.000	ng	0.00
76) Chrysene-d12	14.307	240	1011244	40.000	ng	0.00
86) Perylene-d12	15.913	264	834444	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	939204	88.337	ng	0.00
7) Phenol-d6	6.701	99	982895	71.560	ng	-0.01
23) Nitrobenzene-d5	7.660	82	1189866	95.018	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	589586	148.345	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1970024	94.360	ng	0.00
79) Terphenyl-d14	13.248	244	2836995	91.038	ng	0.00
Target Compounds						
77) Benzdine	12.983	184	47667	3.501	ng	Qvalue 99

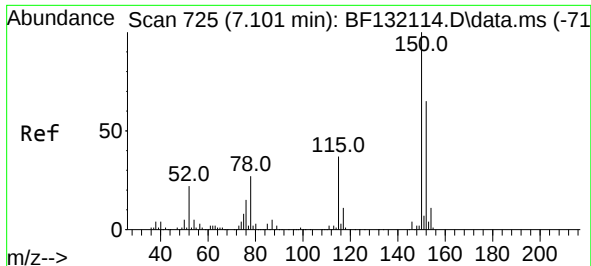
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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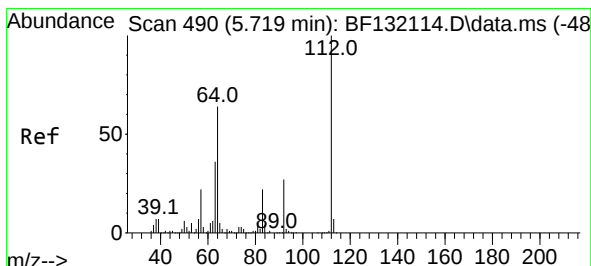
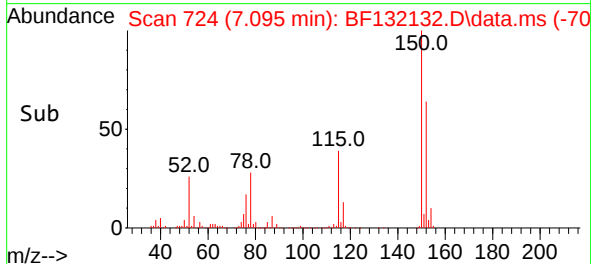
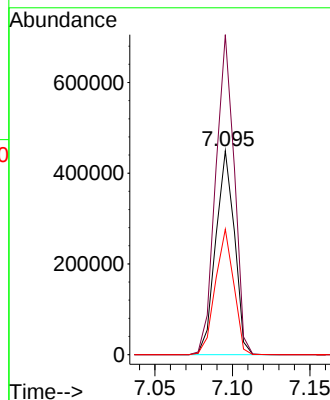
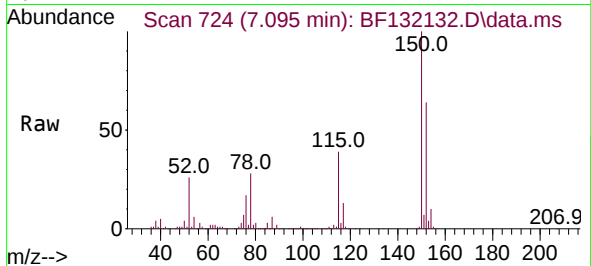




#1
 1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 7.095 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132132.D
 Acq: 18 Jan 2023 22:42

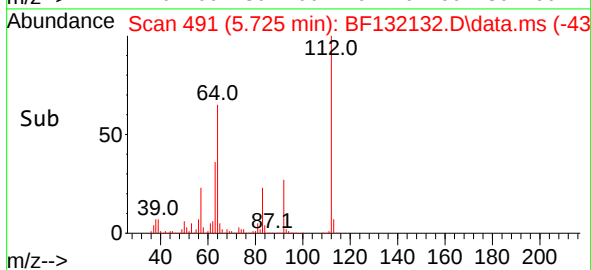
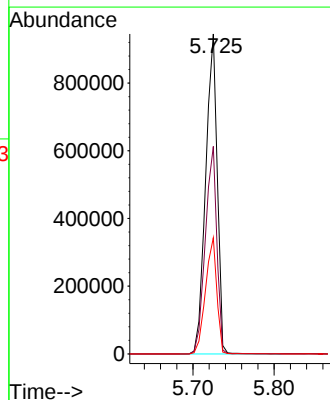
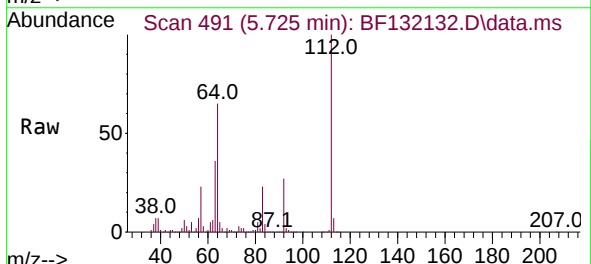
Instrument :
 BNA_F
 ClientSampleId :
 EB-2023-1-13

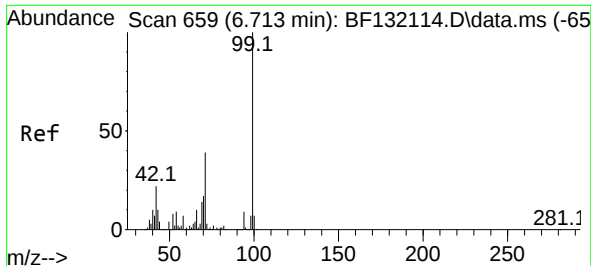
Tgt Ion:152 Resp: 378314
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.3 184.9
 115 61.5 45.8 68.6



#5
 2-Fluorophenol
 Concen: 88.337 ng
 RT: 5.725 min Scan# 491
 Delta R.T. 0.006 min
 Lab File: BF132132.D
 Acq: 18 Jan 2023 22:42

Tgt Ion:112 Resp: 939204
 Ion Ratio Lower Upper
 112 100
 64 64.8 51.0 76.6
 63 36.3 28.7 43.1

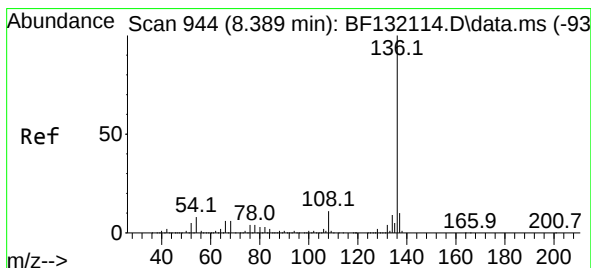
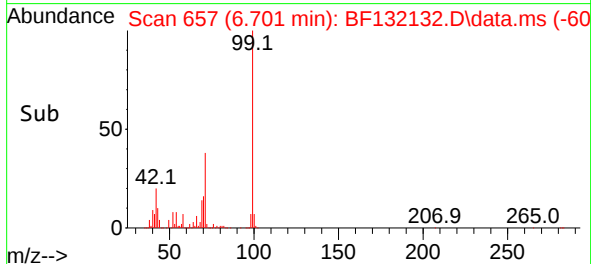
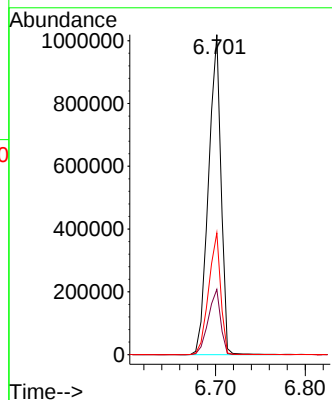
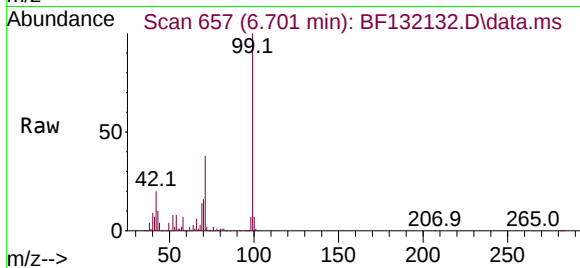




#7
Phenol-d6
Concen: 71.560 ng
RT: 6.701 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132132.D
Acq: 18 Jan 2023 22:42

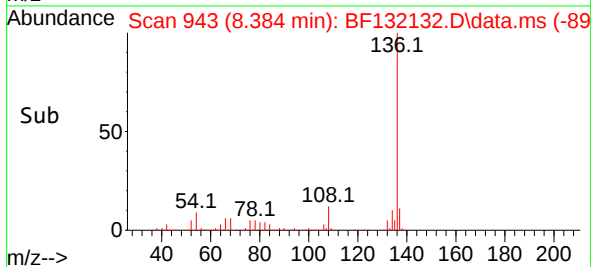
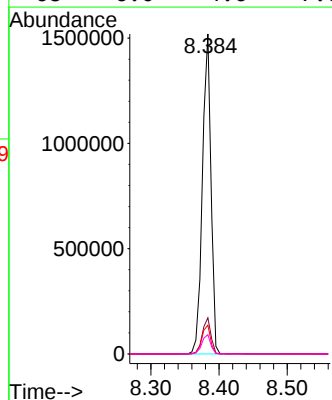
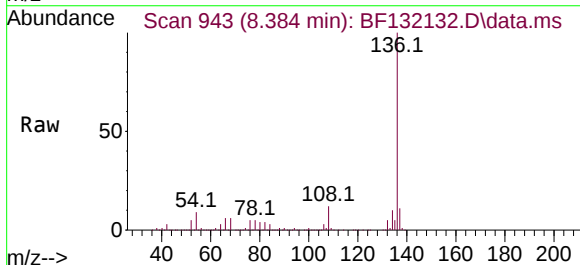
Instrument :
BNA_F
ClientSampleId :
EB-2023-1-13

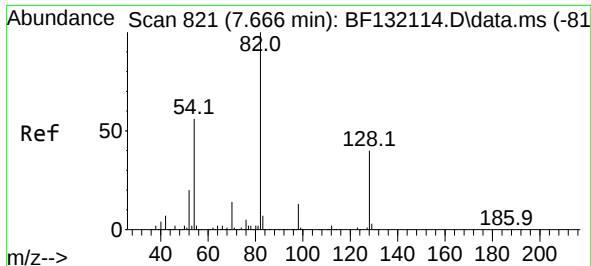
Tgt Ion: 99 Resp: 982895
Ion Ratio Lower Upper
99 100
42 20.4 17.2 25.8
71 38.0 31.0 46.6



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.384 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132132.D
Acq: 18 Jan 2023 22:42

Tgt Ion: 136 Resp: 1329395
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.0 6.6 10.0
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 95.018 ng

RT: 7.660 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132132.D

Acq: 18 Jan 2023 22:42

Instrument :

BNA_F

ClientSampleId :

EB-2023-1-13

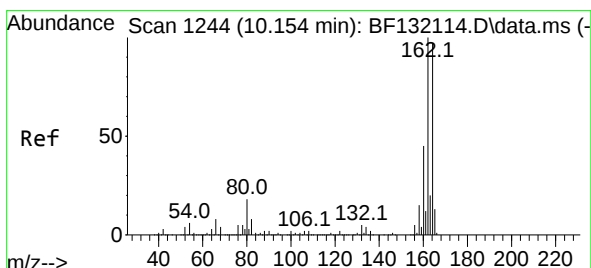
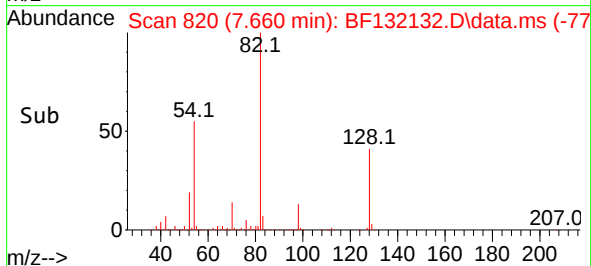
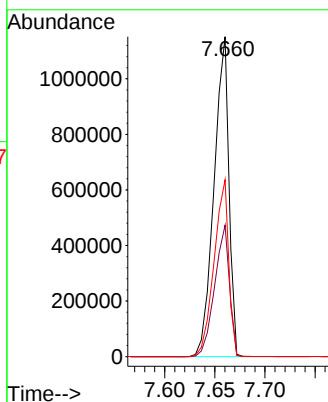
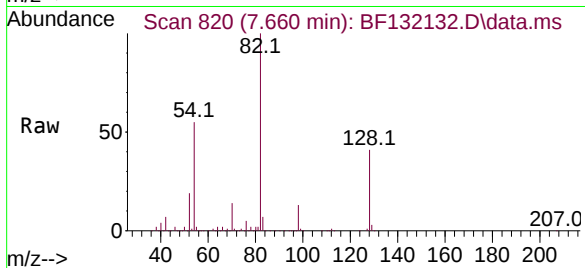
Tgt Ion: 82 Resp: 1189866

Ion Ratio Lower Upper

82 100

128 41.1 32.0 48.0

54 55.3 45.1 67.7



#39

Acenaphthene-d10

Concen: 40.000 ng

RT: 10.148 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BF132132.D

Acq: 18 Jan 2023 22:42

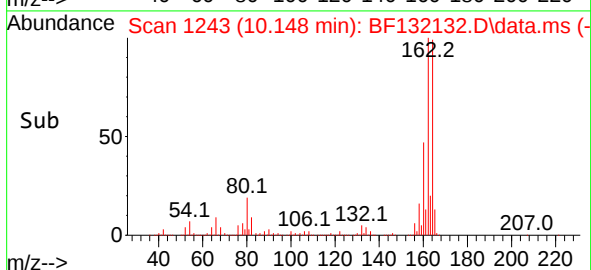
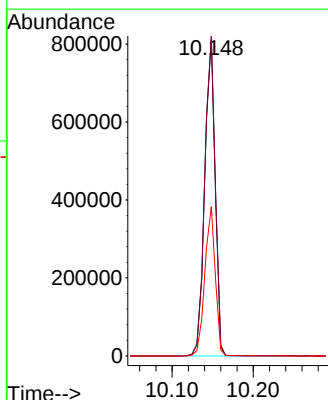
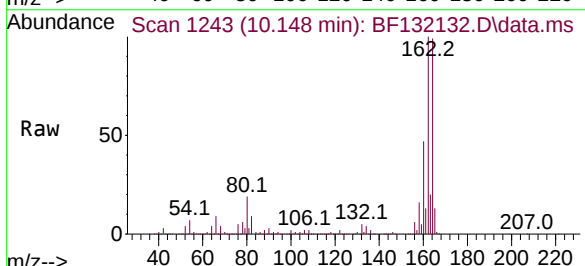
Tgt Ion:164 Resp: 726500

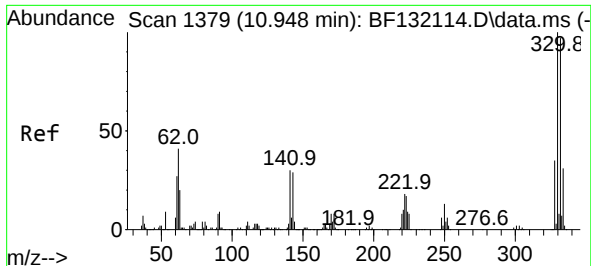
Ion Ratio Lower Upper

164 100

162 101.0 82.3 123.5

160 47.1 37.3 55.9

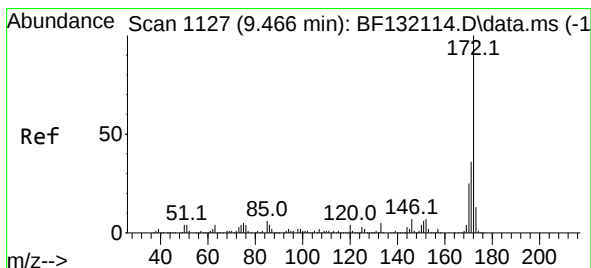
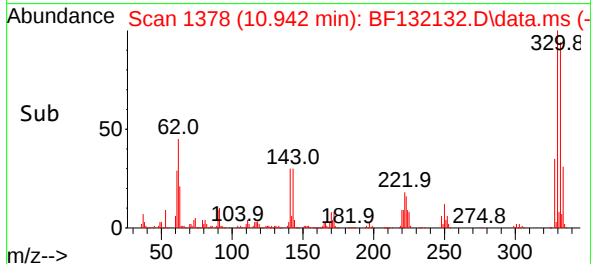
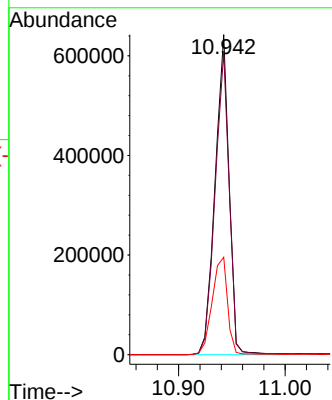
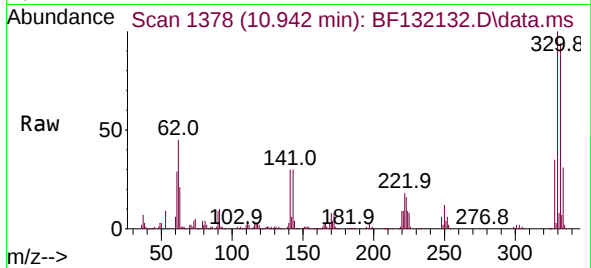




#42
2,4,6-Tribromophenol
Concen: 148.345 ng
RT: 10.942 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF132132.D
Acq: 18 Jan 2023 22:42

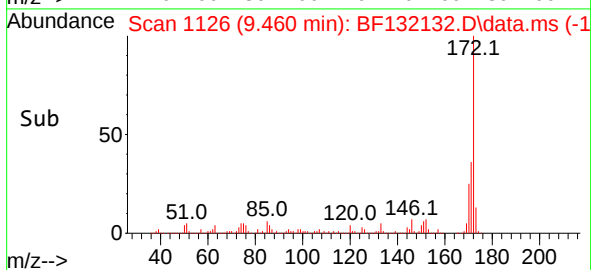
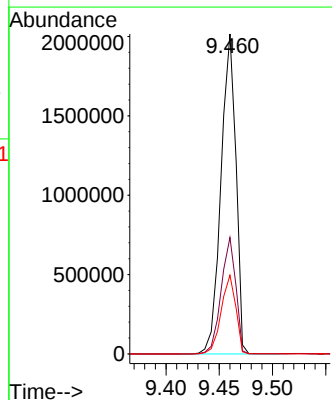
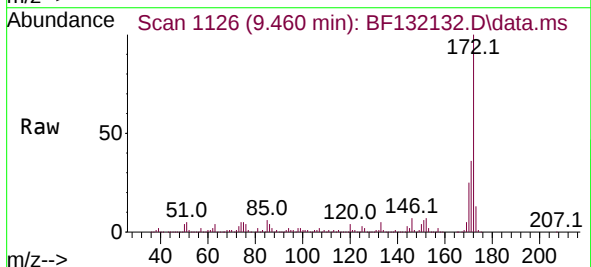
Instrument :
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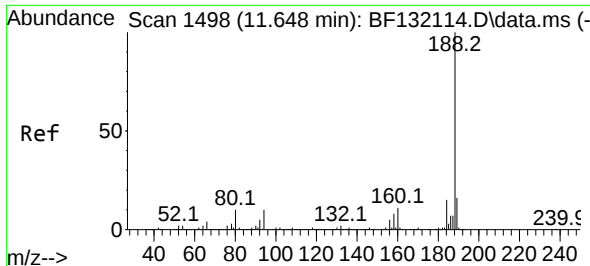
Tgt Ion:330 Resp: 589586
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 33.4 28.2 42.4



#45
2-Fluorobiphenyl
Concen: 94.360 ng
RT: 9.460 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF132132.D
Acq: 18 Jan 2023 22:42

Tgt Ion:172 Resp: 1970024
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.6 19.7 29.5

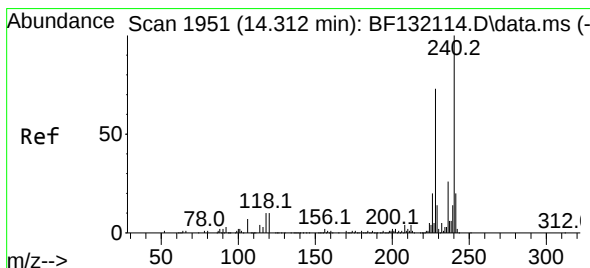
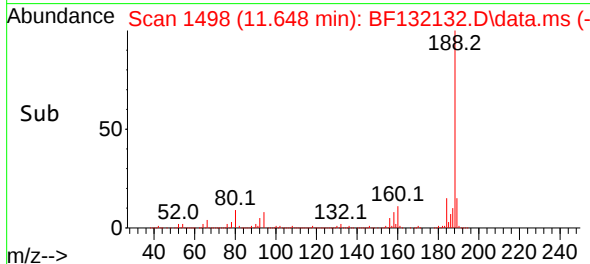
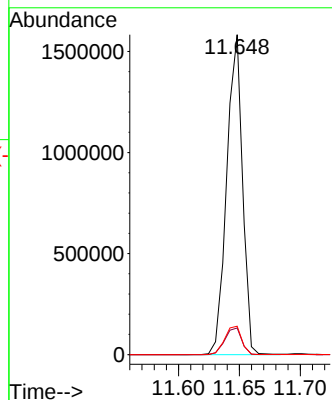
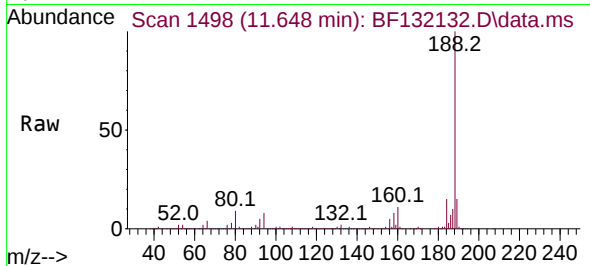




#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.648 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132132.D
Acq: 18 Jan 2023 22:42

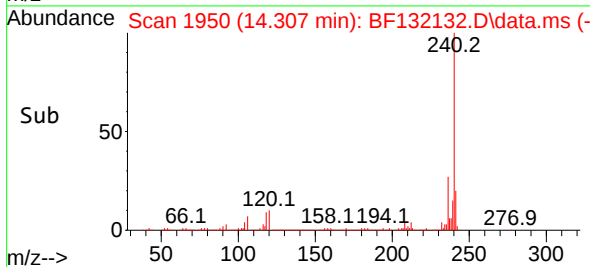
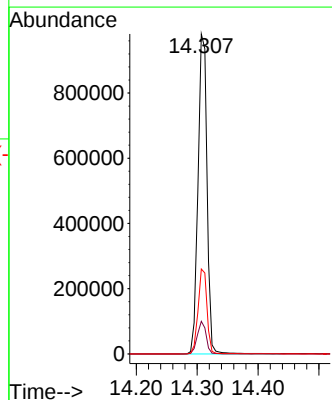
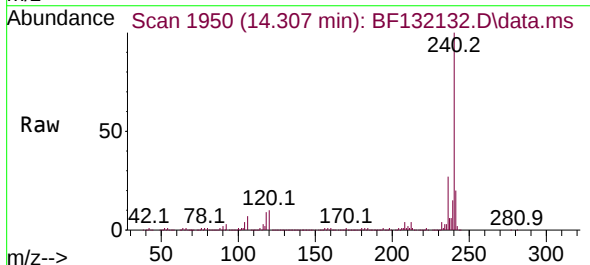
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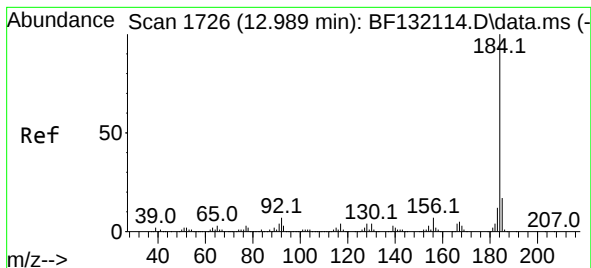
Tgt Ion:188 Resp: 1427725
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 8.9 8.2 12.4



#76
Chrysene-d12
Concen: 40.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BF132132.D
Acq: 18 Jan 2023 22:42

Tgt Ion:240 Resp: 1011244
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.4
236 26.5 21.2 31.8





#77

Benzidine

Concen: 3.501 ng

RT: 12.983 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BF132132.D

Acq: 18 Jan 2023 22:42

Instrument :

BNA_F

ClientSampleId :

EB-2023-1-13

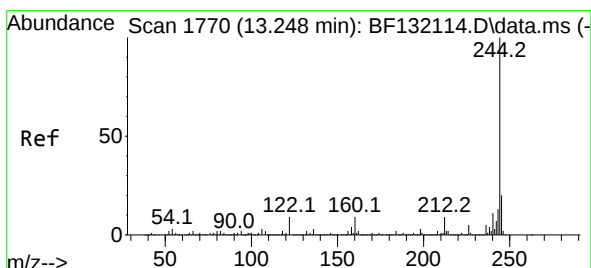
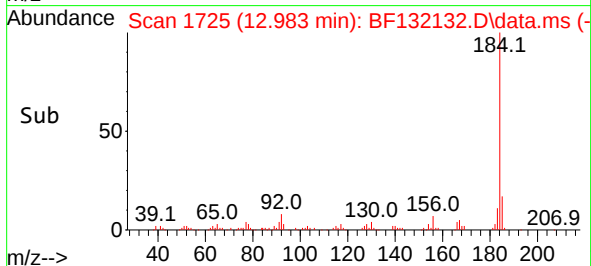
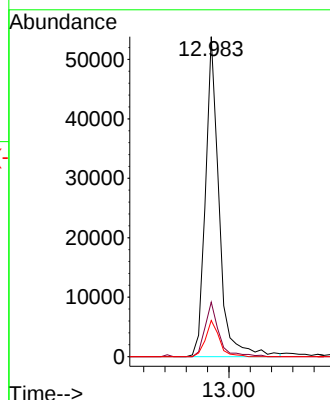
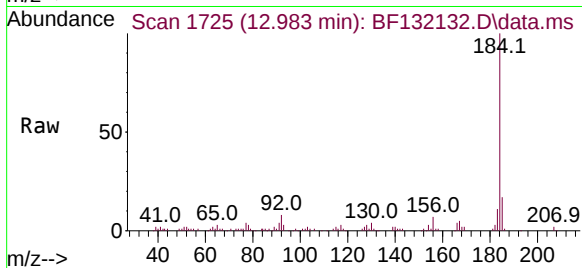
Tgt Ion:184 Resp: 47667

Ion Ratio Lower Upper

184 100

185 17.0 13.7 20.5

183 11.3 9.4 14.0



#79

Terphenyl-d14

Concen: 91.038 ng

RT: 13.248 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BF132132.D

Acq: 18 Jan 2023 22:42

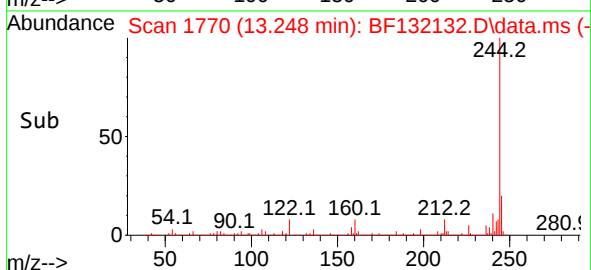
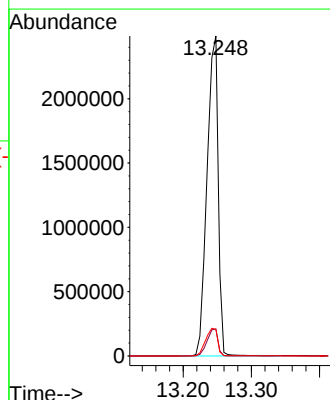
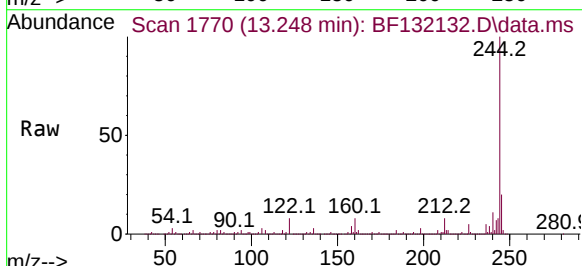
Tgt Ion:244 Resp: 2836995

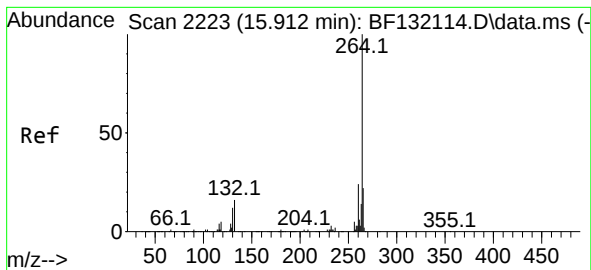
Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

122 8.3 7.0 10.6





#86
Perylene-d12
Concen: 40.000 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132132.D
Acq: 18 Jan 2023 22:42

Instrument :
BNA_F
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Tgt Ion:264 Resp: 834444
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 21.2 17.5 26.3

