

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133791.D
 Acq On : 16 Jun 2023 00:01
 Operator : CG\JU
 Sample : 03235-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-MANHOLE

Quant Time: Jun 16 03:02:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	92351	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	359916	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	185683	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	355517	20.000	ng	0.00
76) Chrysene-d12	13.998	240	179267	20.000	ng	0.00
86) Perylene-d12	15.457	264	170104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	465333	87.719	ng	0.00
7) Phenol-d6	6.457	99	563292	81.577	ng	0.00
23) Nitrobenzene-d5	7.393	82	378355	57.257	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	183188	77.939	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	709331	54.304	ng	0.00
79) Terphenyl-d14	12.945	244	672816	58.074	ng	0.00

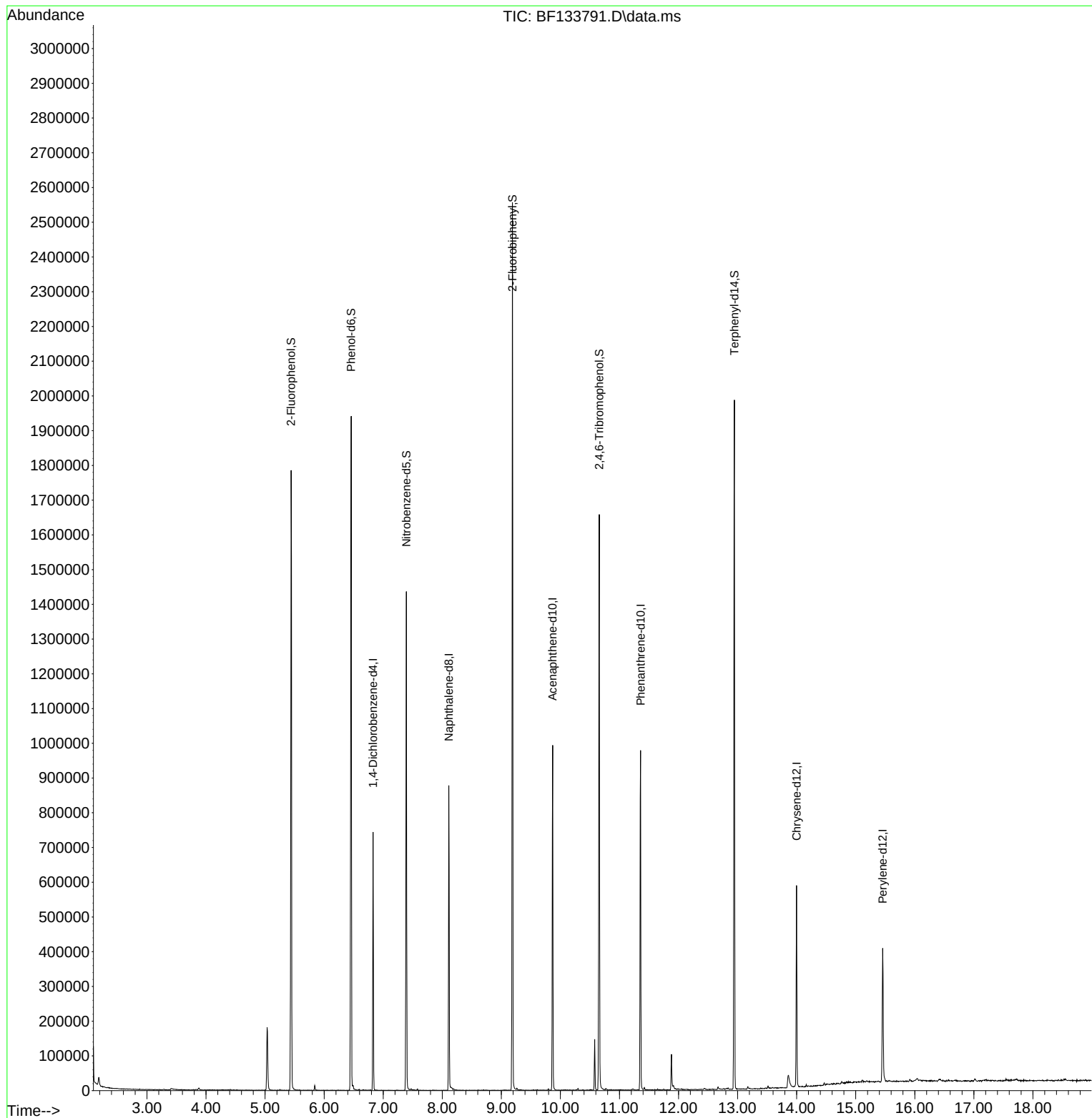
Target Compounds	Qvalue

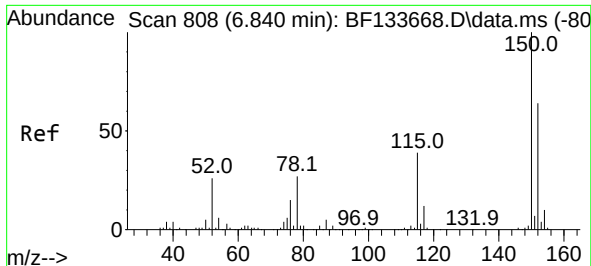
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133791.D
Acq On : 16 Jun 2023 00:01
Operator : CG\JU
Sample : 03235-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A-MANHOLE

Quant Time: Jun 16 03:02:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 15:12:57 2023
Response via : Initial Calibration

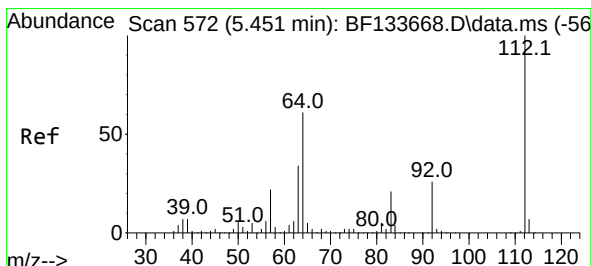
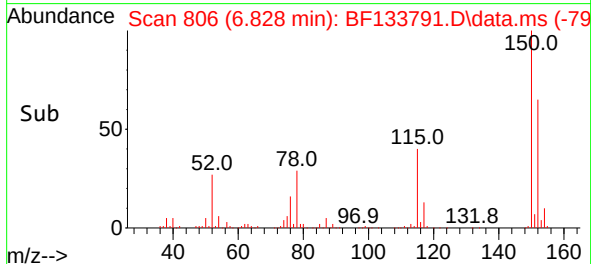
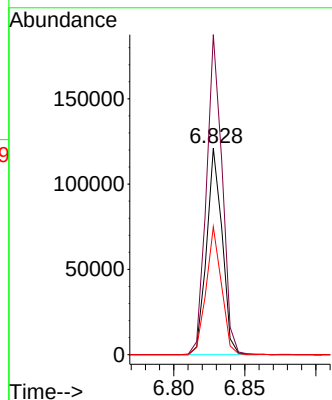
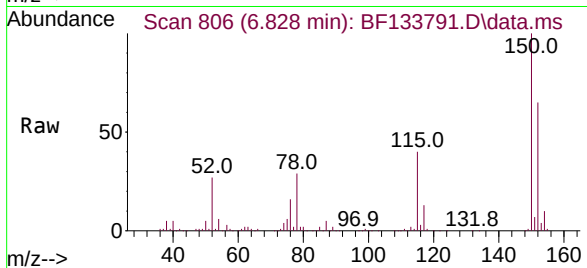




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

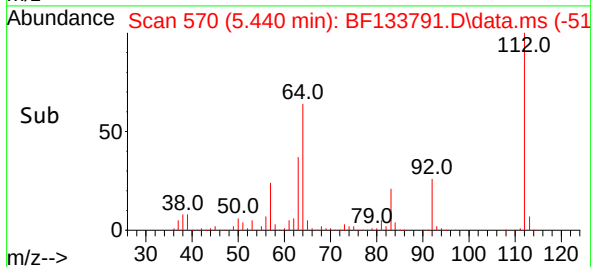
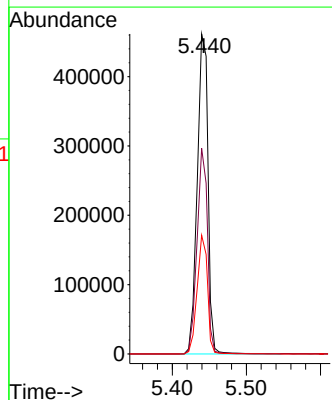
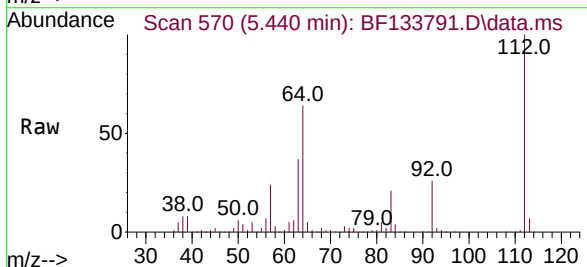
Instrument :
BNA_F
ClientSampleId :
A-MANHOLE

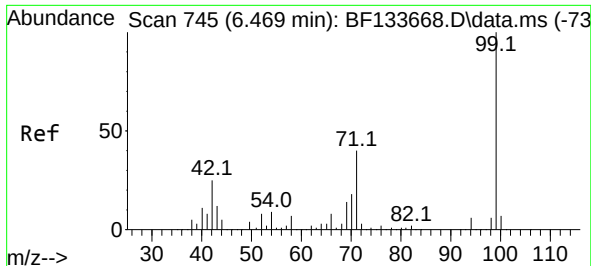
Tgt Ion:152 Resp: 92351
Ion Ratio Lower Upper
152 100
150 155.0 124.3 186.5
115 61.9 48.5 72.7



#5
2-Fluorophenol
Concen: 87.719 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

Tgt Ion:112 Resp: 465333
Ion Ratio Lower Upper
112 100
64 64.3 49.0 73.4
63 37.1 26.8 40.2

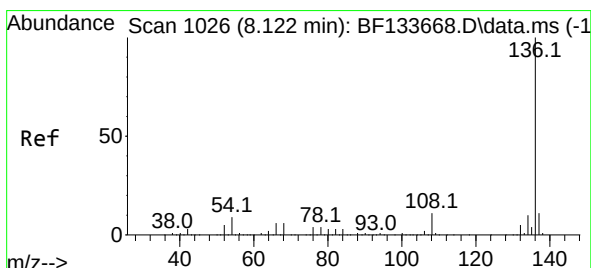
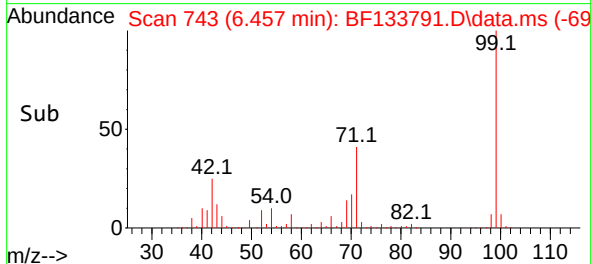
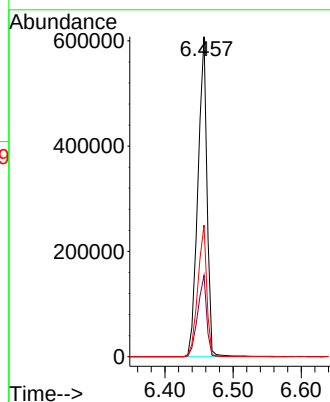
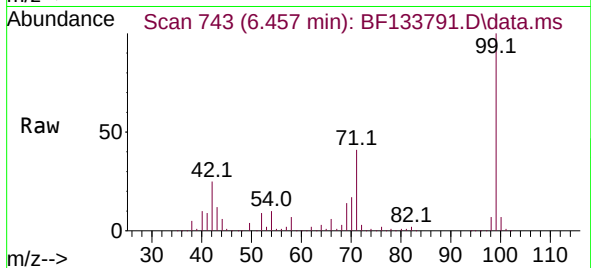




#7
Phenol-d6
Concen: 81.577 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

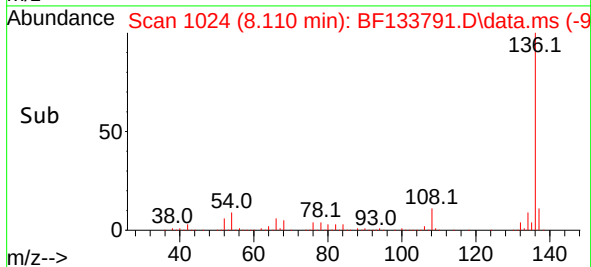
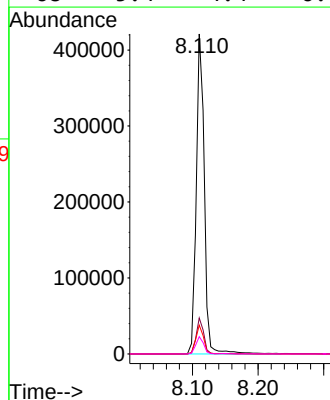
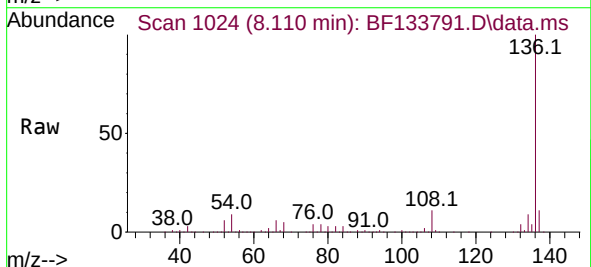
Instrument :
BNA_F
ClientSampleId :
A-MANHOLE

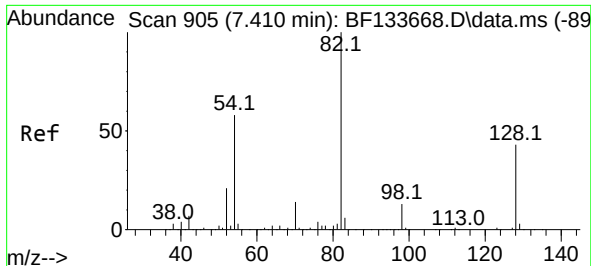
Tgt Ion: 99 Resp: 563292
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 41.2 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

Tgt Ion: 136 Resp: 359916
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.0 7.4 11.0
68 5.4 4.4 6.6





#23

Nitrobenzene-d5

Concen: 57.257 ng

RT: 7.393 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133791.D

Acq: 16 Jun 2023 00:01

Instrument :

BNA_F

ClientSampleId :

A-MANHOLE

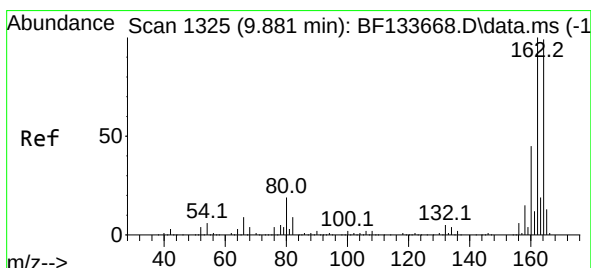
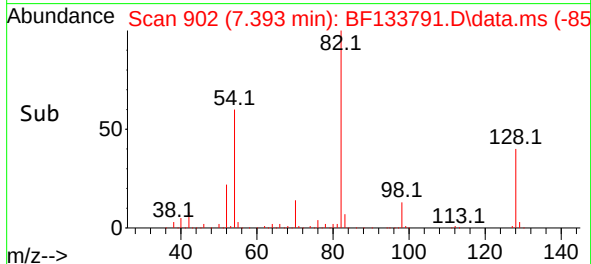
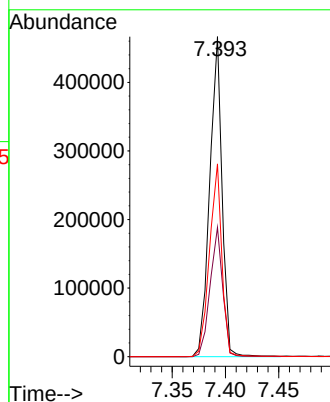
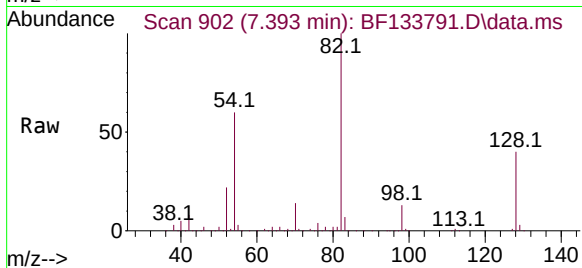
Tgt Ion: 82 Resp: 378355

Ion Ratio Lower Upper

82 100

128 40.4 34.2 51.2

54 60.3 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF133791.D

Acq: 16 Jun 2023 00:01

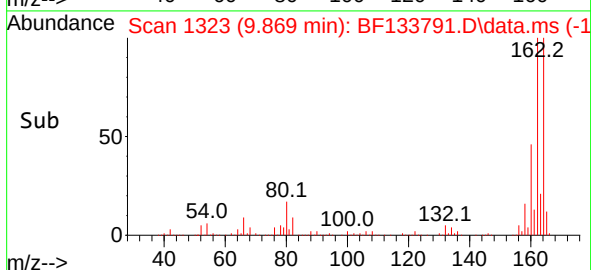
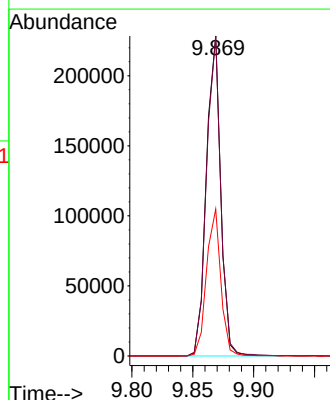
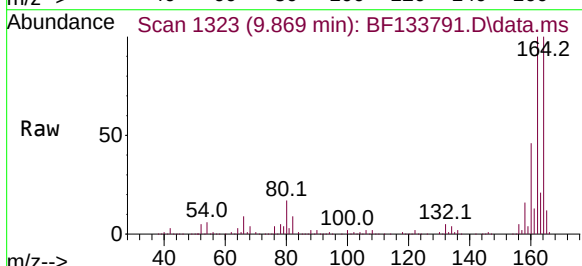
Tgt Ion:164 Resp: 185683

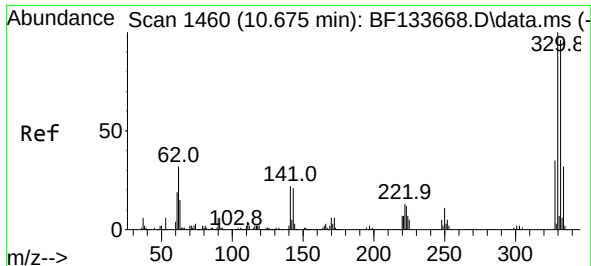
Ion Ratio Lower Upper

164 100

162 99.9 80.8 121.2

160 45.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 77.939 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133791.D

Acq: 16 Jun 2023 00:01

Instrument :

BNA_F

ClientSampleId :

A-MANHOLE

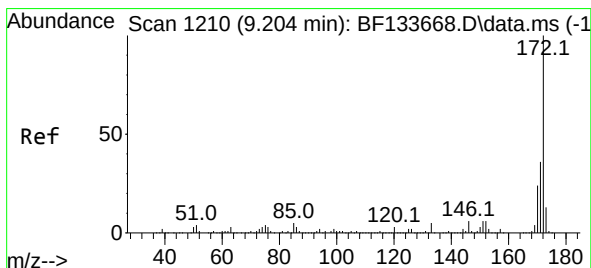
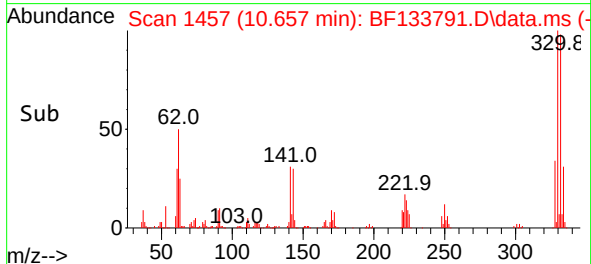
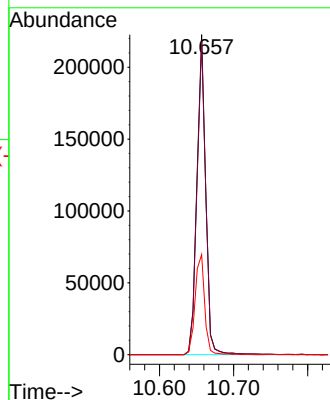
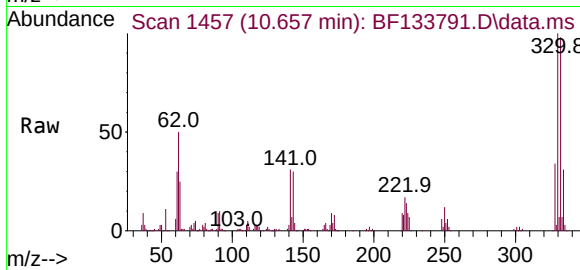
Tgt Ion:330 Resp: 183188

Ion Ratio Lower Upper

330 100

332 98.0 77.2 115.8

141 34.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 54.304 ng

RT: 9.187 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF133791.D

Acq: 16 Jun 2023 00:01

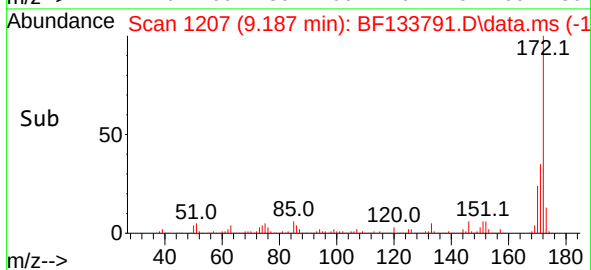
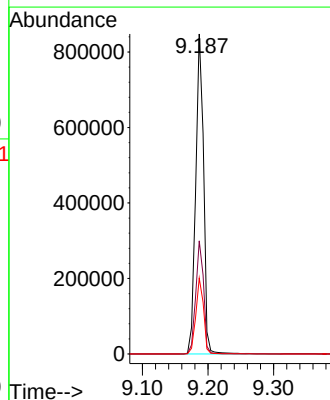
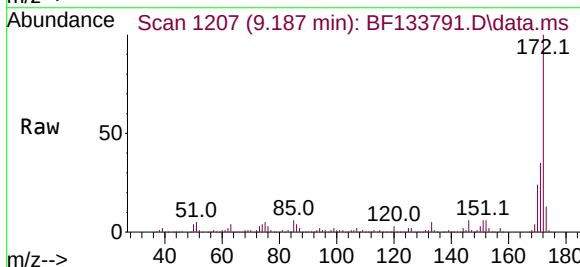
Tgt Ion:172 Resp: 709331

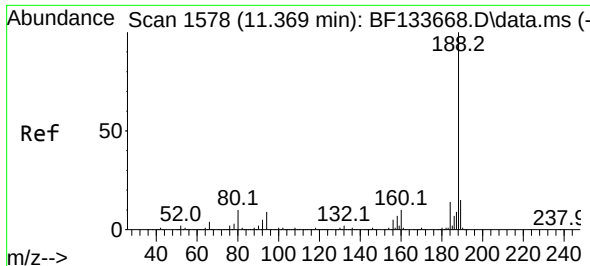
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.7 19.1 28.7

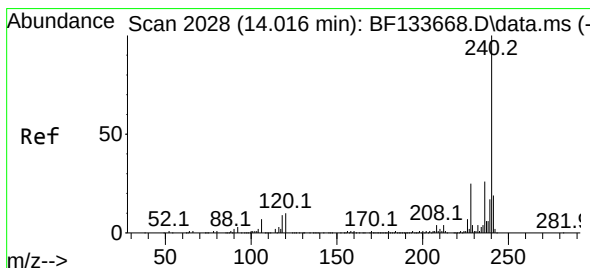
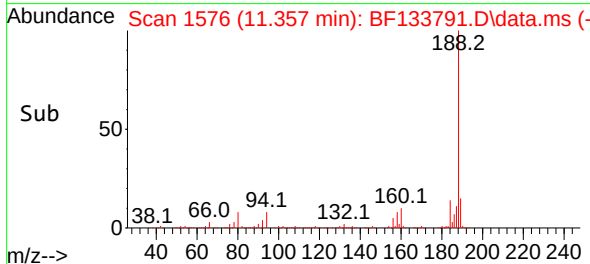
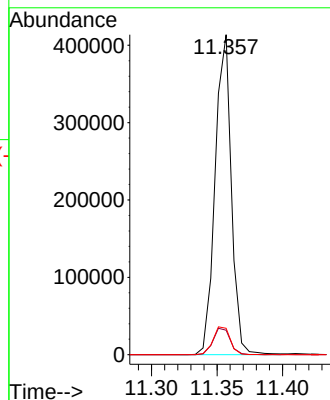
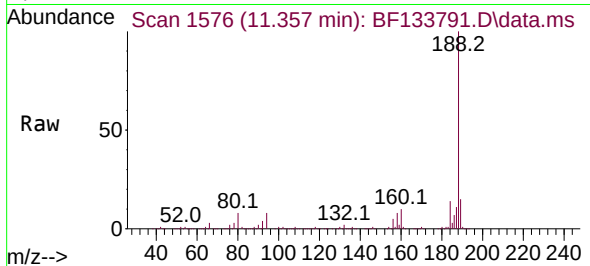




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

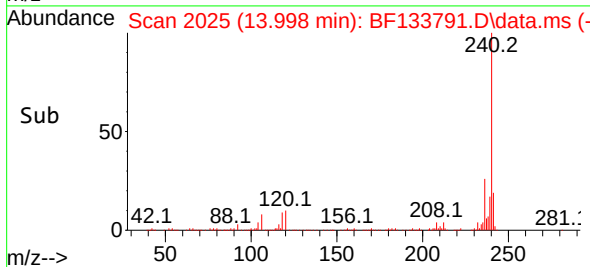
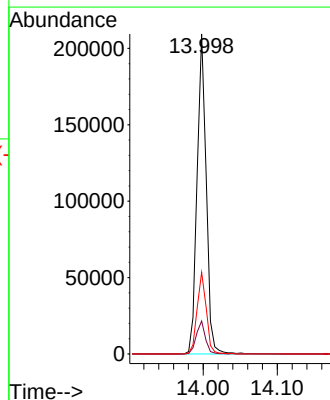
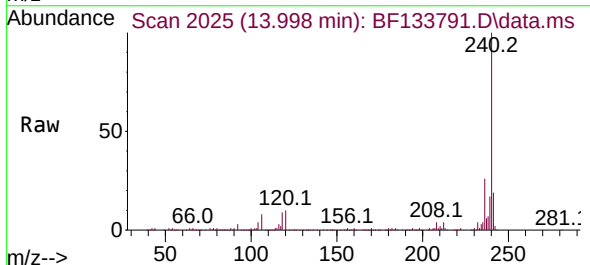
Instrument :
BNA_F
ClientSampleId :
A-MANHOLE

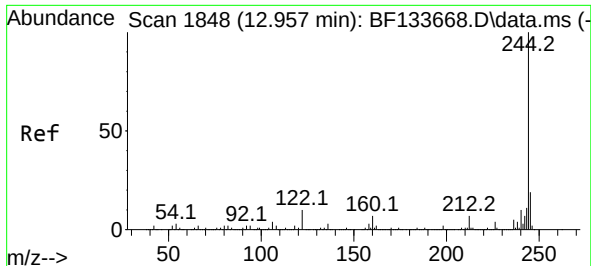
Tgt Ion:188 Resp: 355517
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.2 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

Tgt Ion:240 Resp: 179267
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 25.5 20.5 30.7

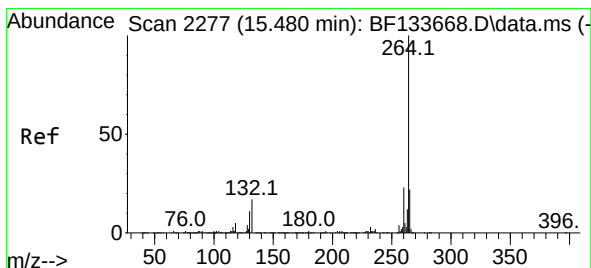
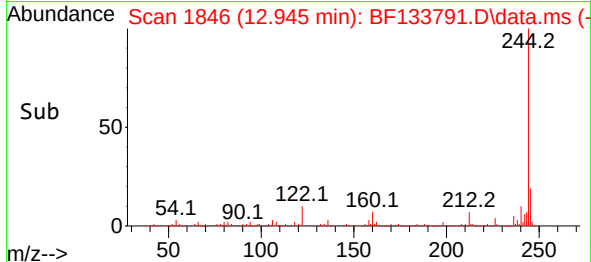
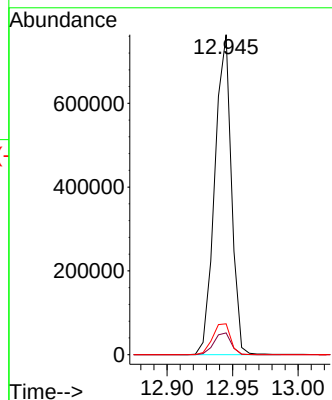
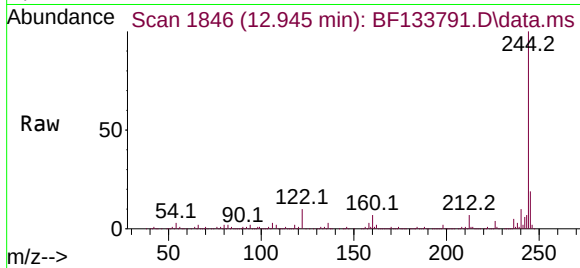




#79
 Terphenyl-d14
 Concen: 58.074 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133791.D
 Acq: 16 Jun 2023 00:01

Instrument :
 BNA_F
 ClientSampleId :
 A-MANHOLE

Tgt Ion:244 Resp: 672816
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.7 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF133791.D
 Acq: 16 Jun 2023 00:01

Tgt Ion:264 Resp: 170104
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 20.8 17.8 26.6

