

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132693.D
 Acq On : 08 Mar 2023 16:44
 Operator : CG\JU
 Sample : 01821-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-IDW-S-1

Quant Time: Mar 09 00:37:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

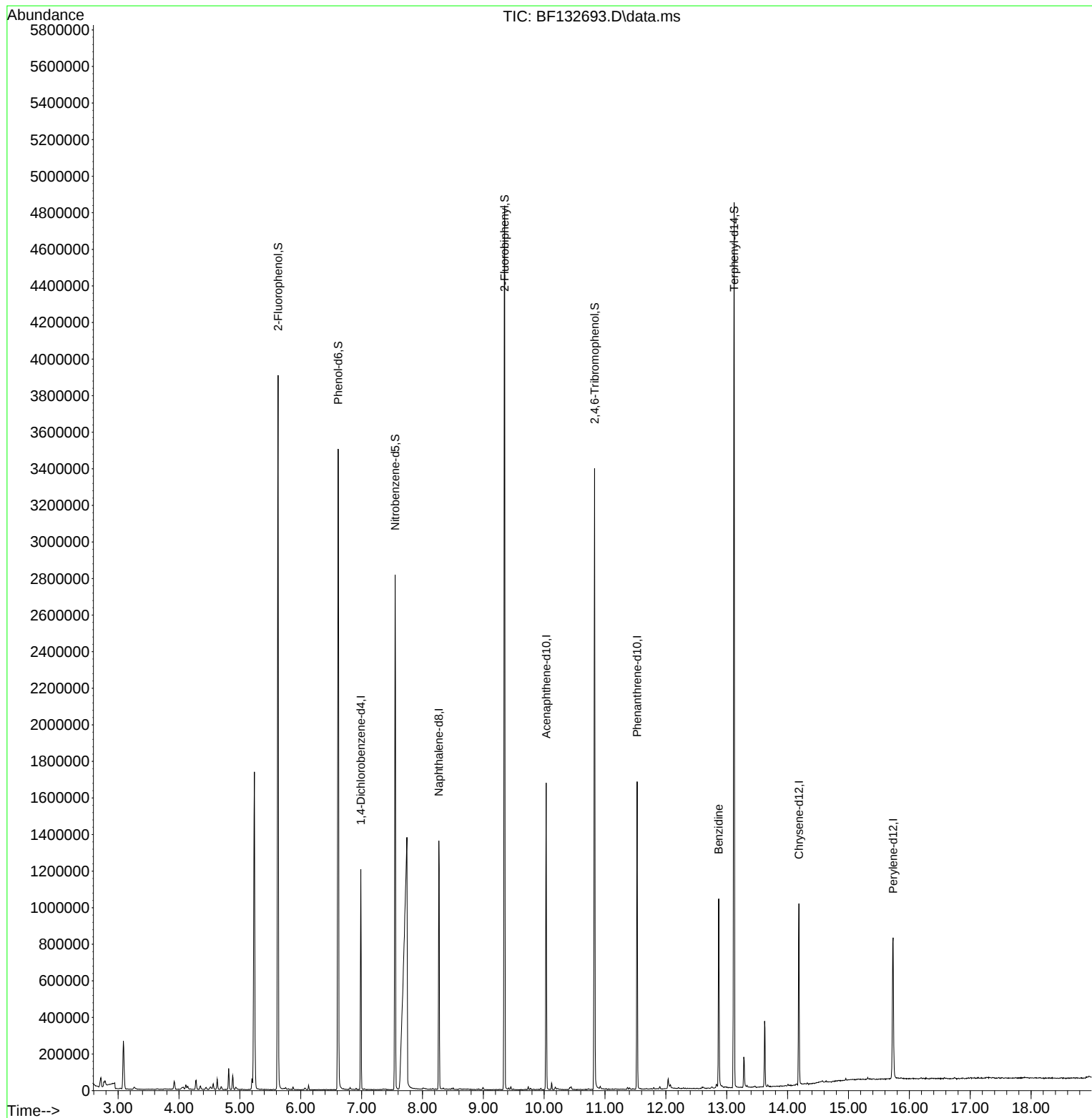
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	163589	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	592604	20.000	ng	-0.01
39) Acenaphthene-d10	10.034	164	317266	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	600750	20.000	ng	0.00
76) Chrysene-d12	14.186	240	332716	20.000	ng	-0.01
86) Perylene-d12	15.733	264	390523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1119427	111.059	ng	0.01
7) Phenol-d6	6.616	99	1348563	102.515	ng	0.00
23) Nitrobenzene-d5	7.551	82	996692	79.796	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	413488	120.679	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1560666	74.901	ng	0.00
79) Terphenyl-d14	13.122	244	1786417	90.779	ng	0.00
Target Compounds						
77) Benzidine	12.869	184	389738	48.120	ng	Qvalue 100

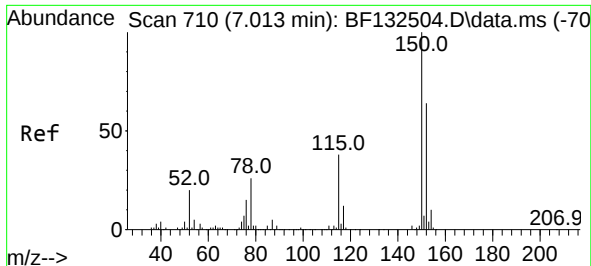
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132693.D
Acq On : 08 Mar 2023 16:44
Operator : CG\JU
Sample : 01821-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

Quant Time: Mar 09 00:37:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

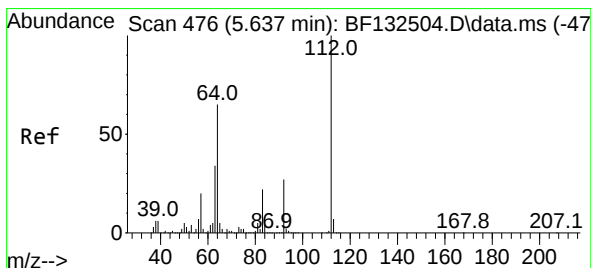
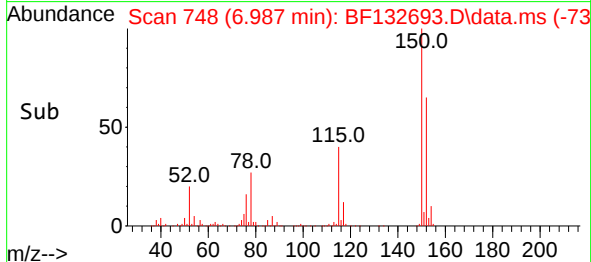
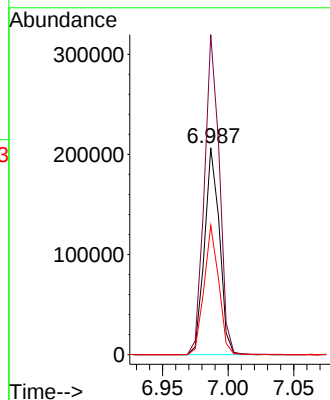
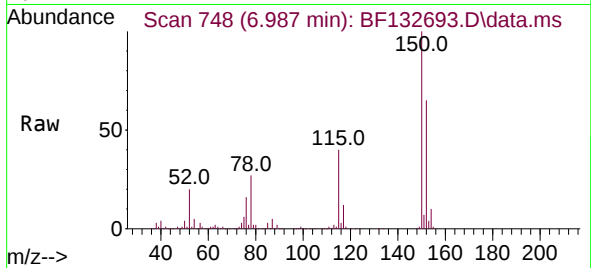




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

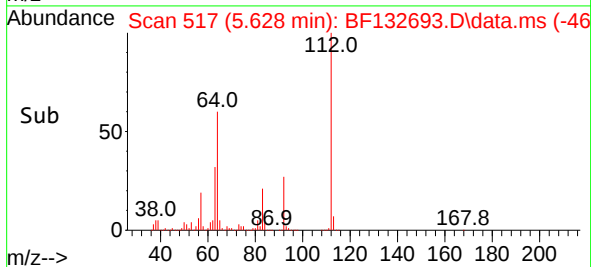
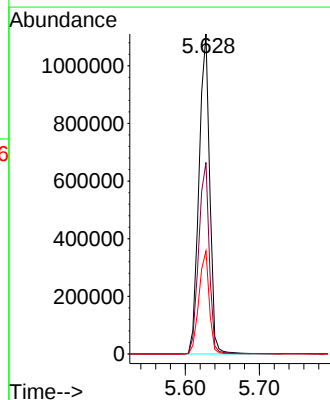
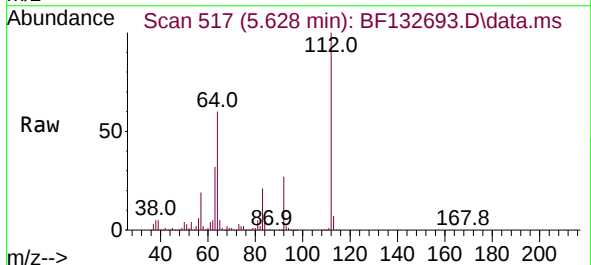
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

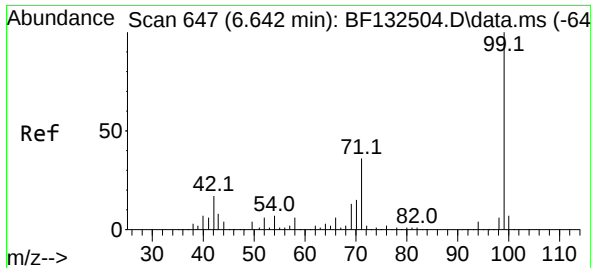
Tgt Ion:152 Resp: 163589
Ion Ratio Lower Upper
152 100
150 154.7 125.4 188.2
115 62.5 47.8 71.6



#5
2-Fluorophenol
Concen: 111.059 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion:112 Resp: 1119427
Ion Ratio Lower Upper
112 100
64 59.8 51.6 77.4
63 32.2 27.4 41.2

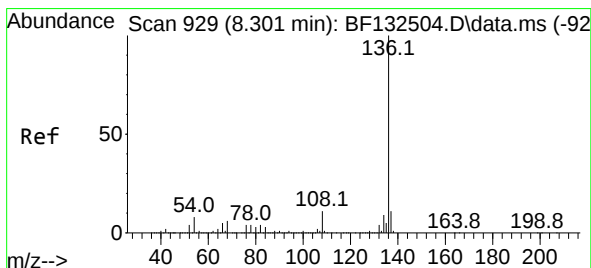
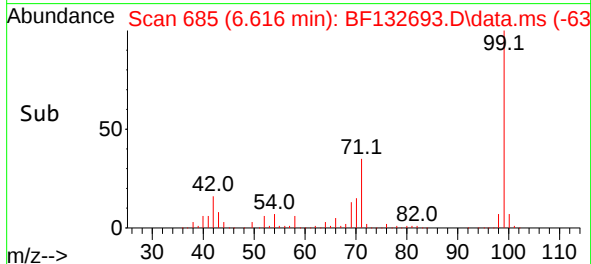
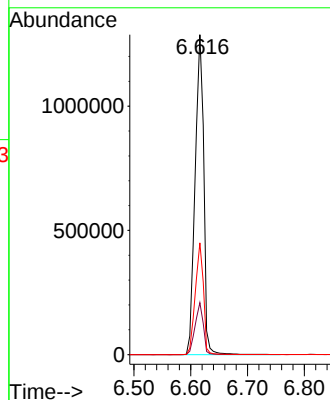
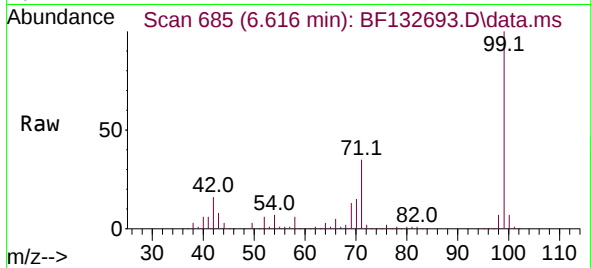




#7
Phenol-d6
Concen: 102.515 ng
RT: 6.616 min Scan# 685
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

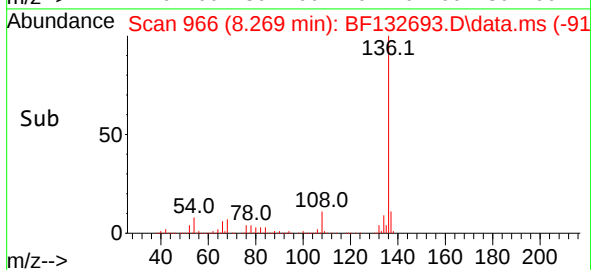
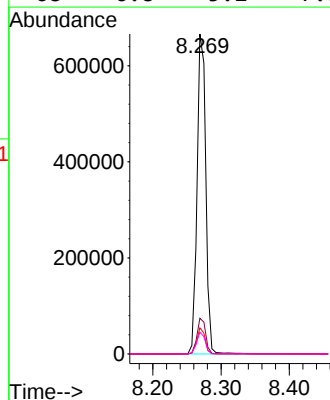
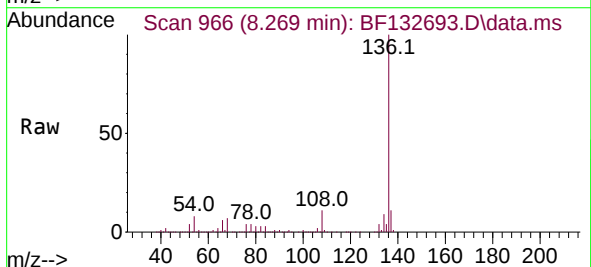
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

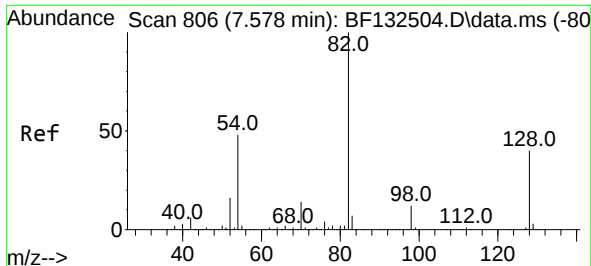
Tgt Ion: 99 Resp: 1348563
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 34.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion: 136 Resp: 592604
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.1 6.2 9.4
68 6.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 79.796 ng

RT: 7.551 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132693.D

Acq: 08 Mar 2023 16:44

Instrument :

BNA_F

ClientSampleId :

WC-IDW-S-1

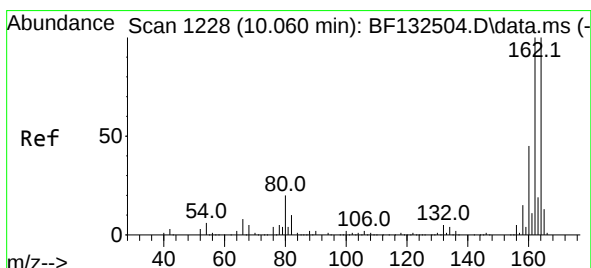
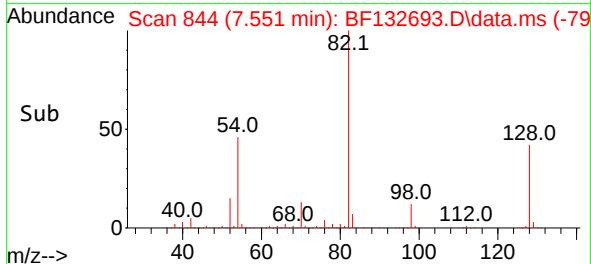
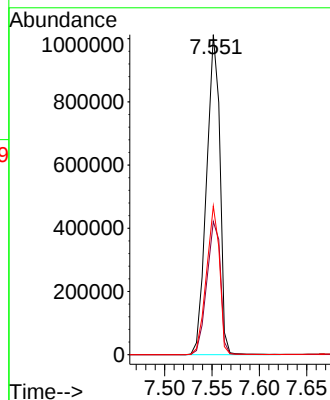
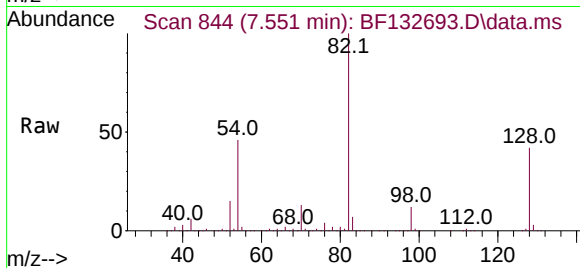
Tgt Ion: 82 Resp: 996692

Ion Ratio Lower Upper

82 100

128 41.6 32.2 48.2

54 46.4 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.034 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF132693.D

Acq: 08 Mar 2023 16:44

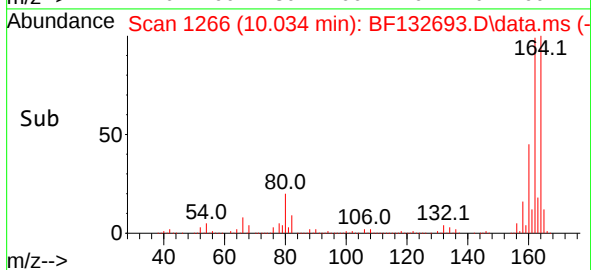
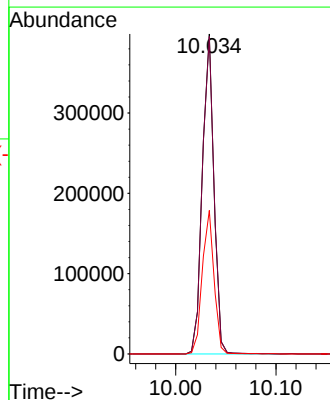
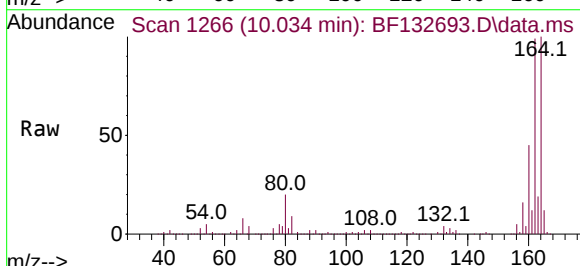
Tgt Ion:164 Resp: 317266

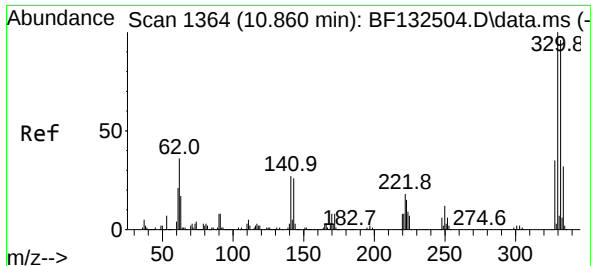
Ion Ratio Lower Upper

164 100

162 99.2 79.8 119.8

160 44.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 120.679 ng

RT: 10.828 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF132693.D

Acq: 08 Mar 2023 16:44

Instrument :

BNA_F

ClientSampleId :

WC-IDW-S-1

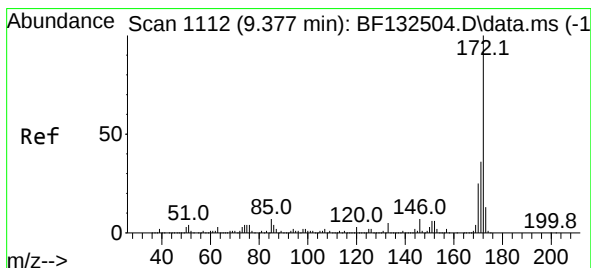
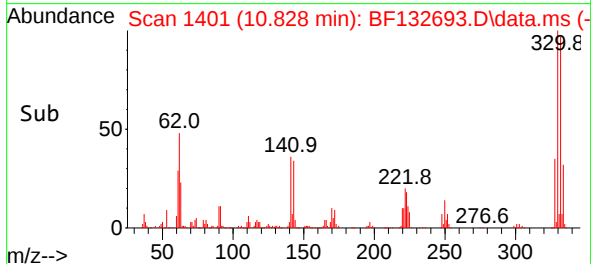
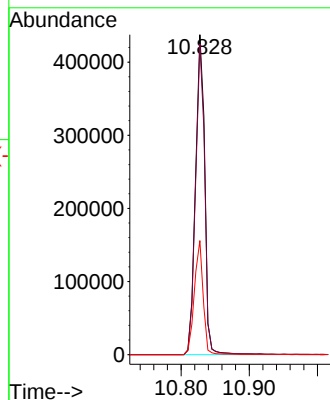
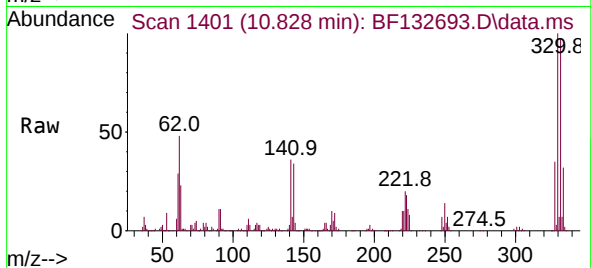
Tgt Ion:330 Resp: 413488

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 33.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 74.901 ng

RT: 9.351 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF132693.D

Acq: 08 Mar 2023 16:44

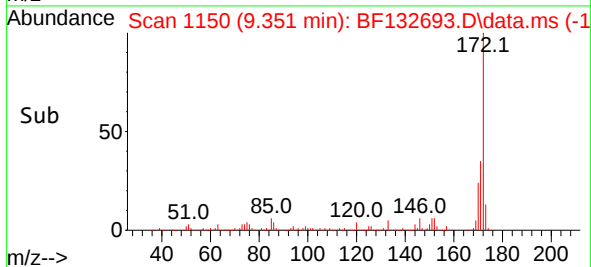
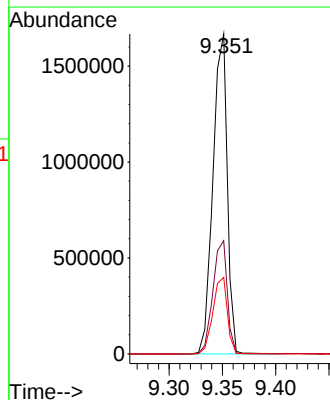
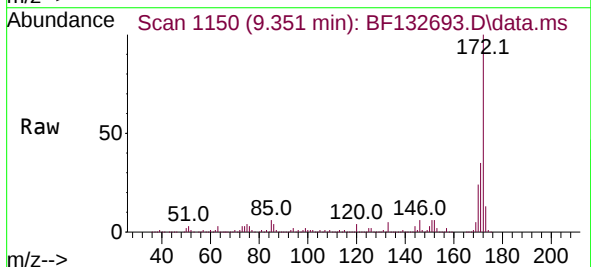
Tgt Ion:172 Resp: 1560666

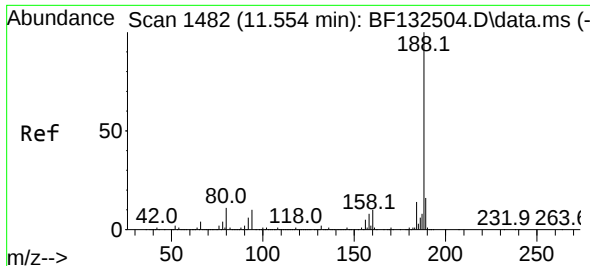
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.9 19.7 29.5

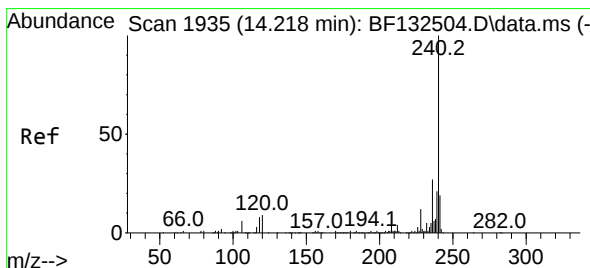
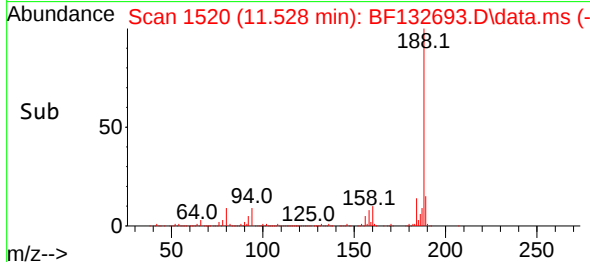
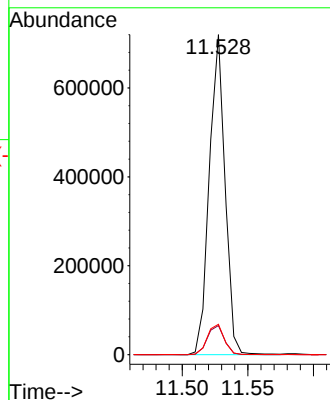
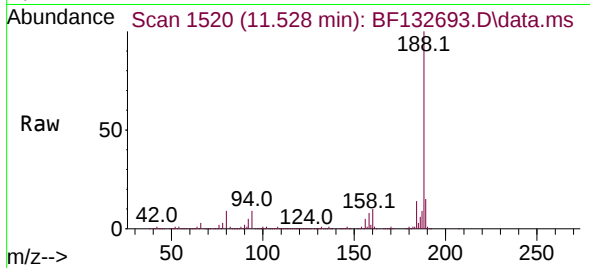




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

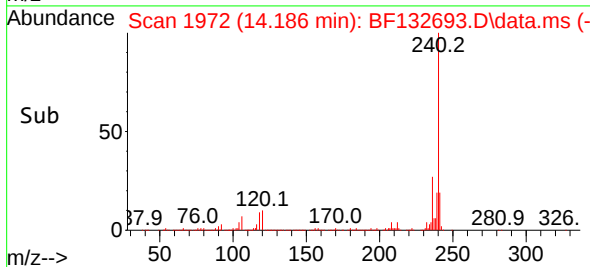
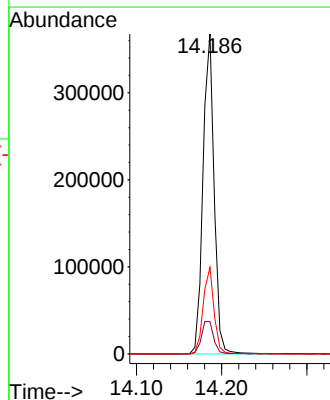
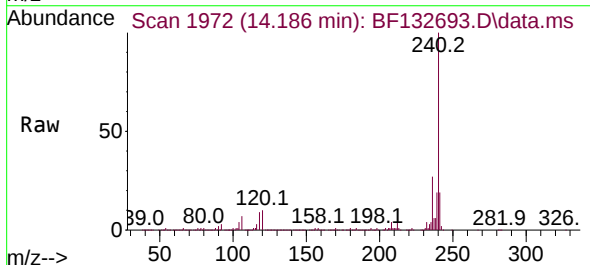
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

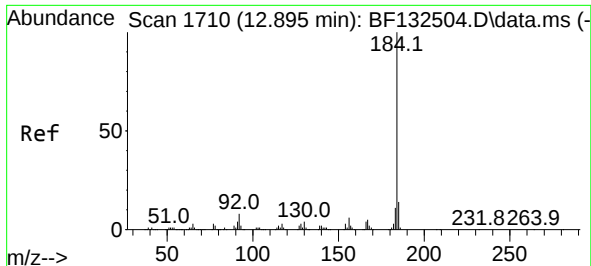
Tgt Ion:188 Resp: 600750
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.5 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion:240 Resp: 332716
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 27.0 21.8 32.6

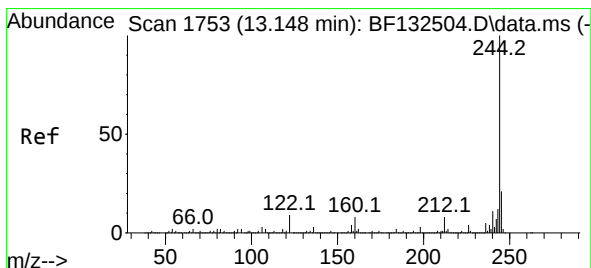
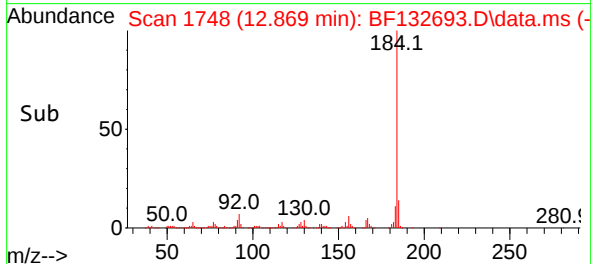
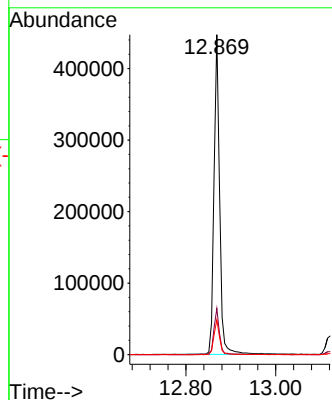
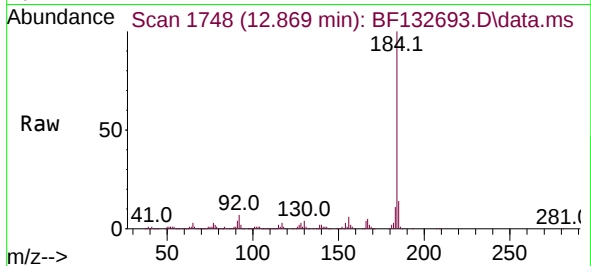




#77
Benzidine
Concen: 48.120 ng
RT: 12.869 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

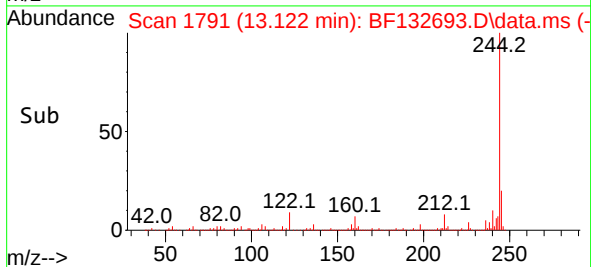
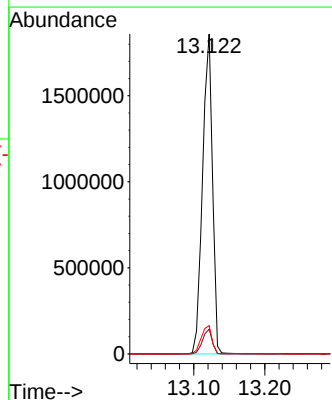
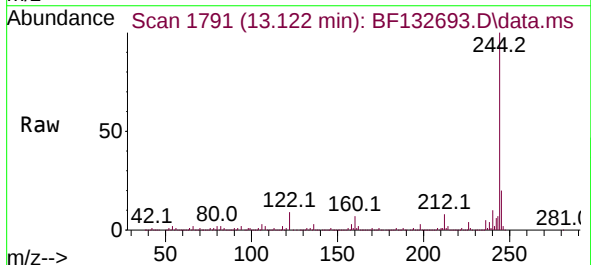
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

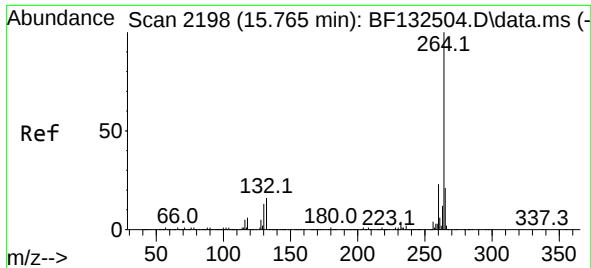
Tgt Ion:184 Resp: 389738
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 10.9 8.7 13.1



#79
Terphenyl-d14
Concen: 90.779 ng
RT: 13.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion:244 Resp: 1786417
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 8.8 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.733 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132693.D
 Acq: 08 Mar 2023 16:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-IDW-S-1

Tgt Ion:264 Resp: 390523
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 20.5 17.1 25.7

