

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136693.D
 Acq On : 22 Dec 2023 19:12
 Operator : CG\JU
 Sample : 05791-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 597-A-J

Quant Time: Dec 23 01:54:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

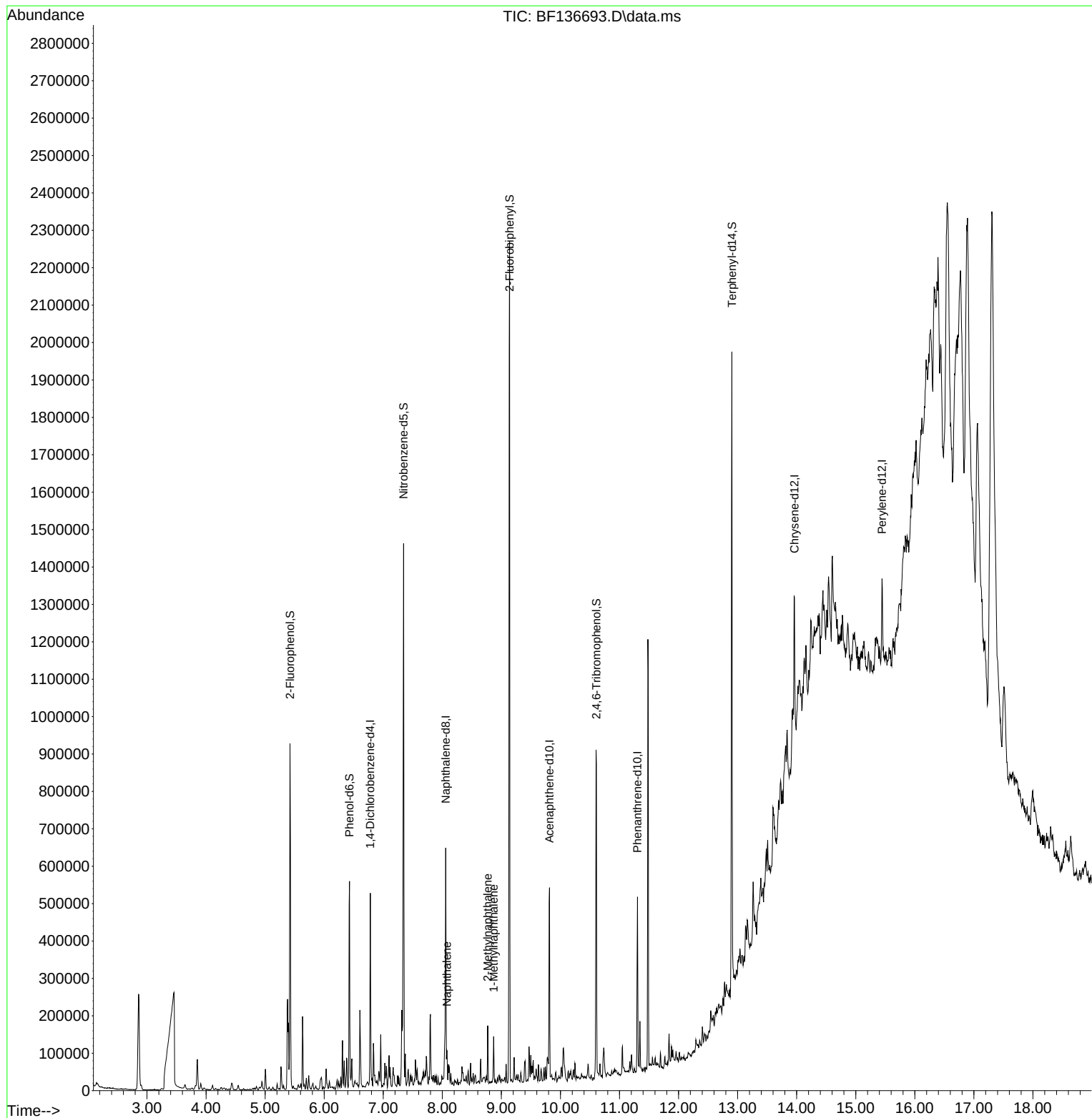
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	66476	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	237738	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	100582	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	154108	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	128602	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	107861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	238392	55.954	ng	0.00
7) Phenol-d6	6.428	99	175988	31.879	ng	-0.01
23) Nitrobenzene-d5	7.345	82	396895	85.428	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	115182	97.235	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	698058	93.345	ng	-0.01
79) Terphenyl-d14	12.904	244	571270	62.078	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	8.080	128	26412	2.022	ng	96
37) 2-Methylnaphthalene	8.769	142	34876	4.149	ng	100
38) 1-Methylnaphthalene	8.869	142	27429	3.326	ng	98

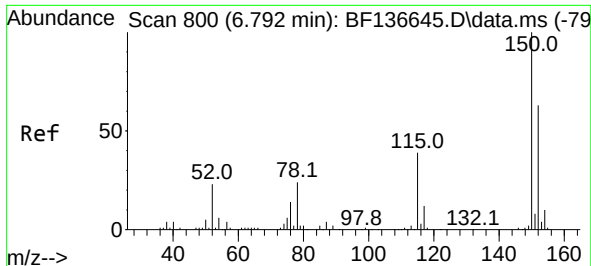
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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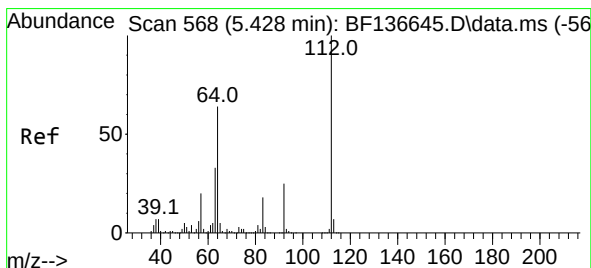
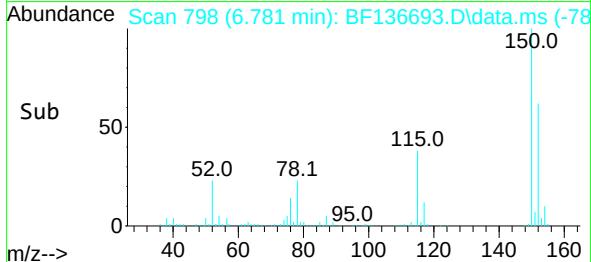
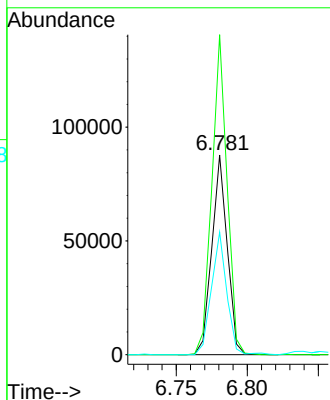
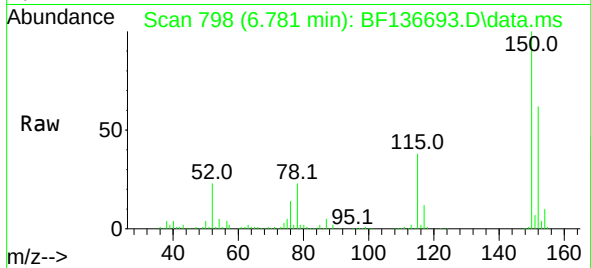




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136693.D
 Acq: 22 Dec 2023 19:12

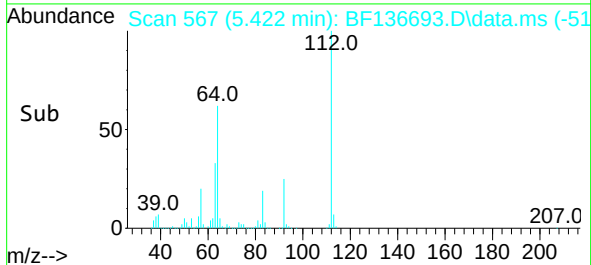
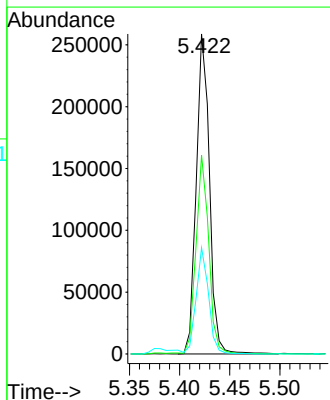
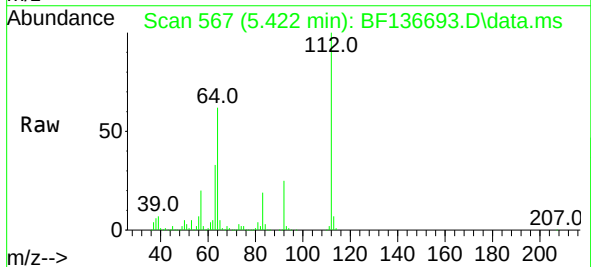
Instrument :
 BNA_F
 ClientSampleId :
 597-A-J

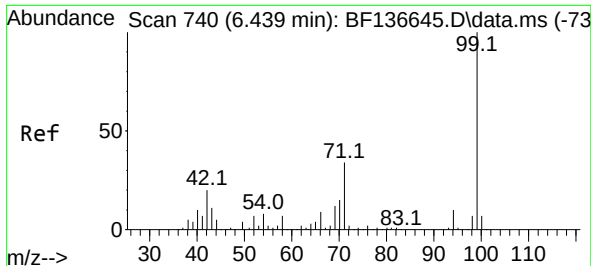
Tgt Ion:152 Resp: 66476
 Ion Ratio Lower Upper
 152 100
 150 160.3 127.0 190.6
 115 61.4 49.0 73.4



#5
 2-Fluorophenol
 Concen: 55.954 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.006 min
 Lab File: BF136693.D
 Acq: 22 Dec 2023 19:12

Tgt Ion:112 Resp: 238392
 Ion Ratio Lower Upper
 112 100
 64 62.2 51.1 76.7
 63 33.2 26.1 39.1

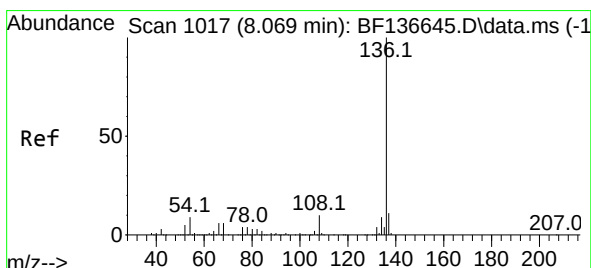
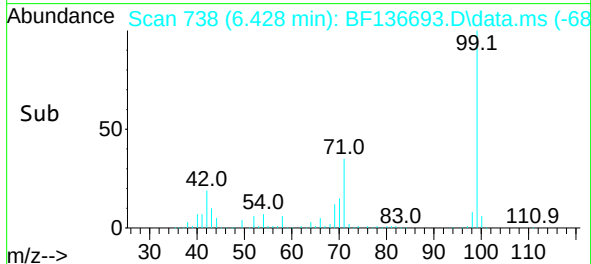
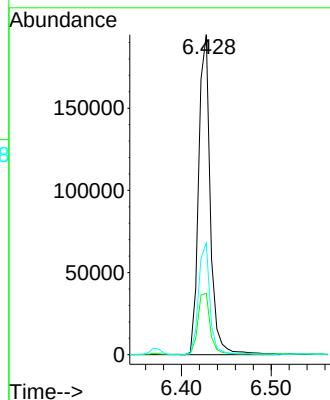
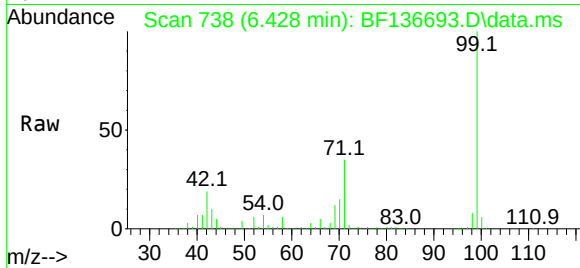




#7
Phenol-d6
Concen: 31.879 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136693.D
Acq: 22 Dec 2023 19:12

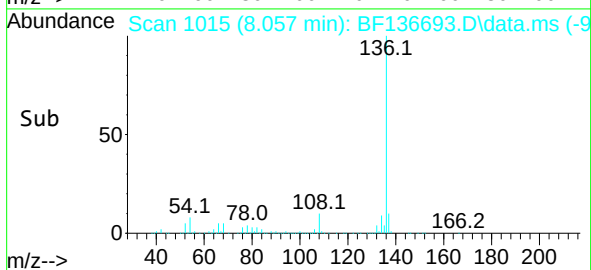
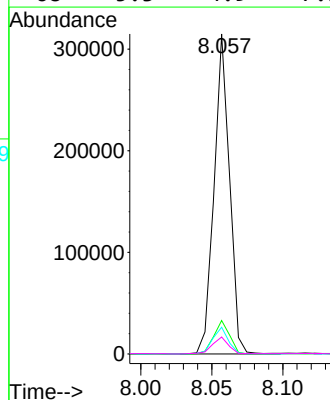
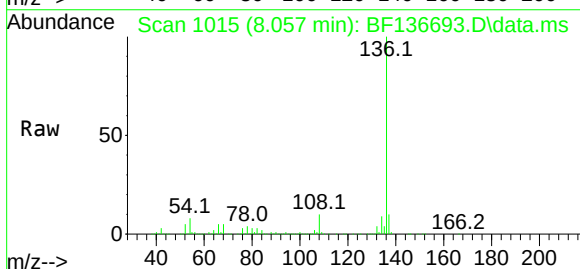
Instrument :
BNA_F
ClientSampleId :
597-A-J

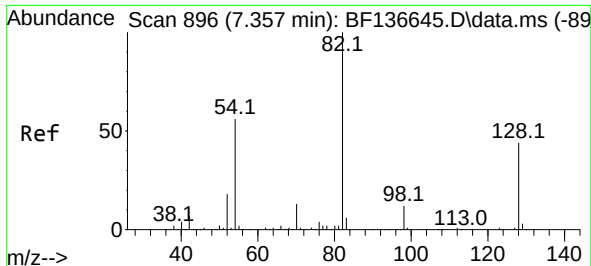
Tgt Ion: 99 Resp: 175988
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 34.9 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136693.D
Acq: 22 Dec 2023 19:12

Tgt Ion: 136 Resp: 237738
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.4 7.2 10.8
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.428 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136693.D

Acq: 22 Dec 2023 19:12

Instrument :

BNA_F

ClientSampleId :

597-A-J

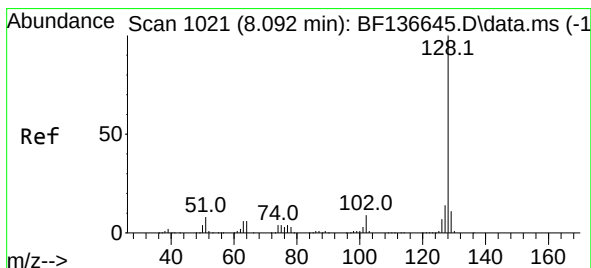
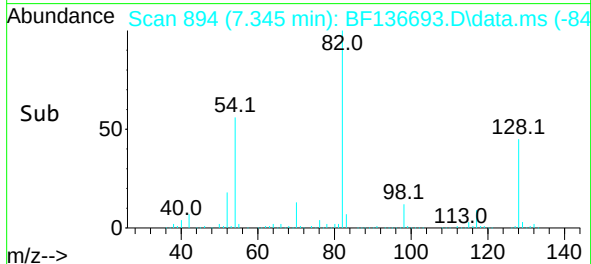
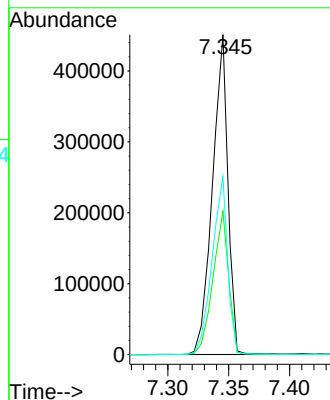
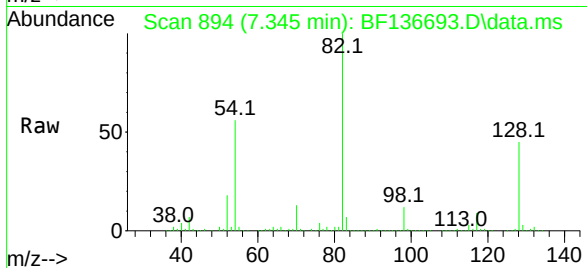
Tgt Ion: 82 Resp: 396895

Ion Ratio Lower Upper

82 100

128 44.9 35.3 52.9

54 55.7 44.5 66.7



#31

Naphthalene

Concen: 2.022 ng

RT: 8.080 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF136693.D

Acq: 22 Dec 2023 19:12

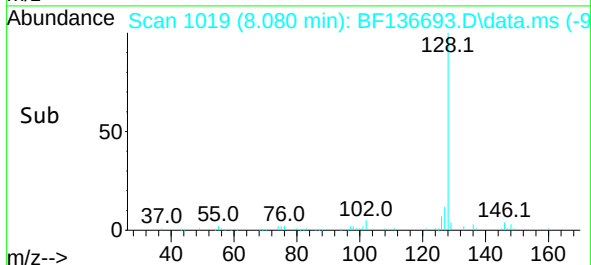
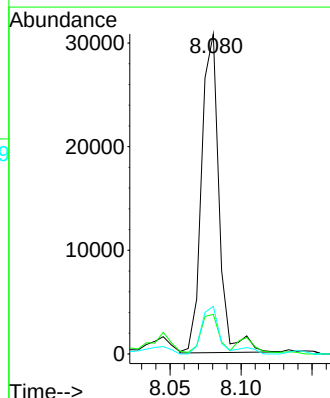
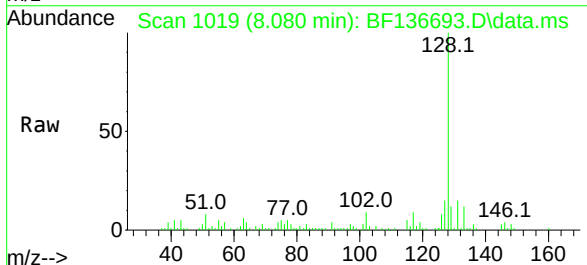
Tgt Ion: 128 Resp: 26412

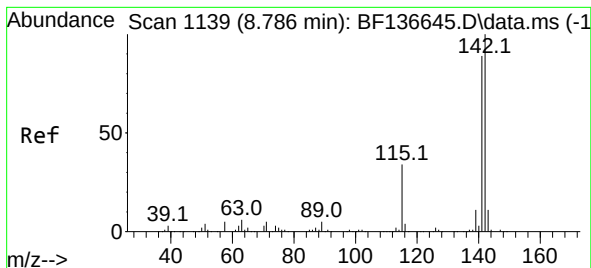
Ion Ratio Lower Upper

128 100

129 12.4 8.7 13.1

127 14.9 10.8 16.2





#37

2-Methylnaphthalene

Concen: 4.149 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.018 min

Lab File: BF136693.D

Acq: 22 Dec 2023 19:12

Instrument :

BNA_F

ClientSampleId :

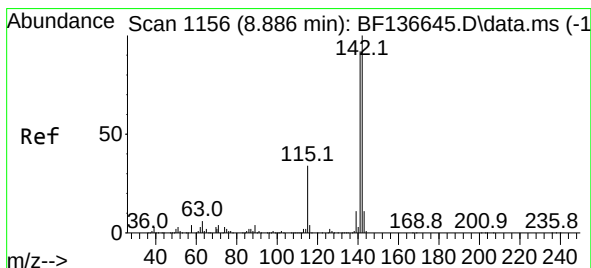
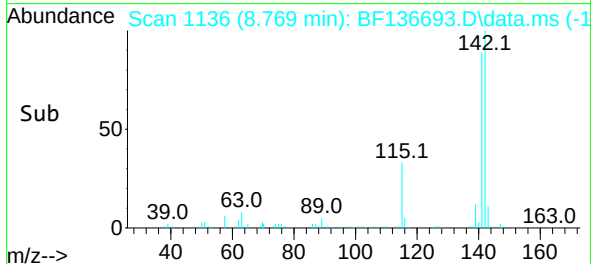
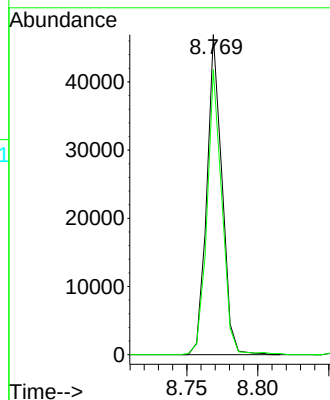
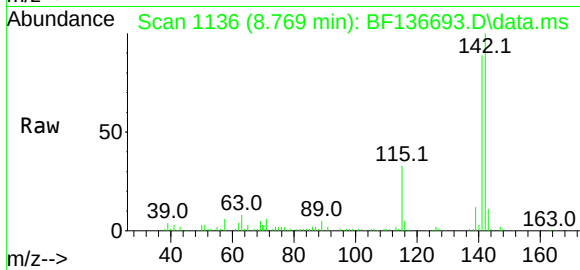
597-A-J

Tgt Ion:142 Resp: 34876

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 3.326 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.018 min

Lab File: BF136693.D

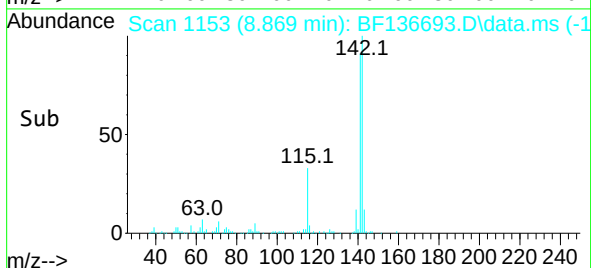
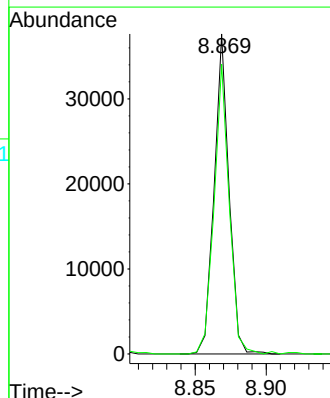
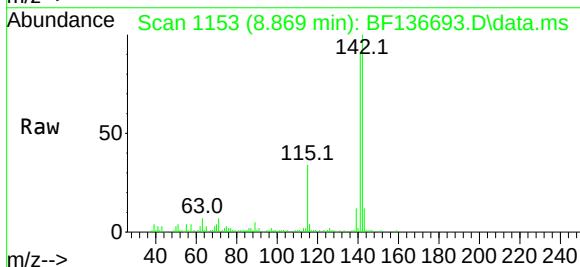
Acq: 22 Dec 2023 19:12

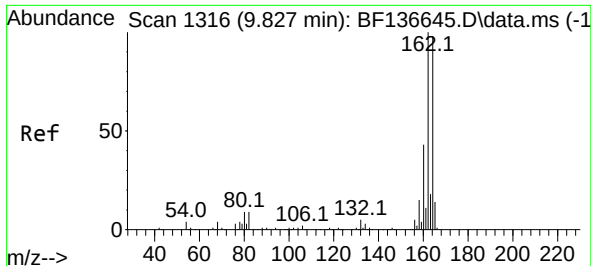
Tgt Ion:142 Resp: 27429

Ion Ratio Lower Upper

142 100

141 90.6 73.6 110.4

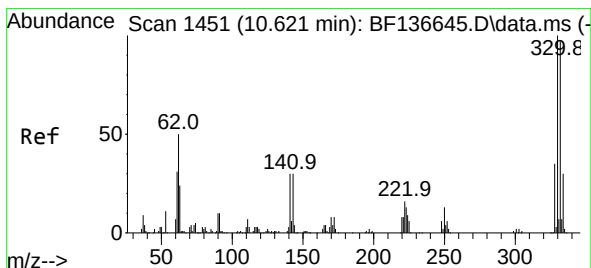
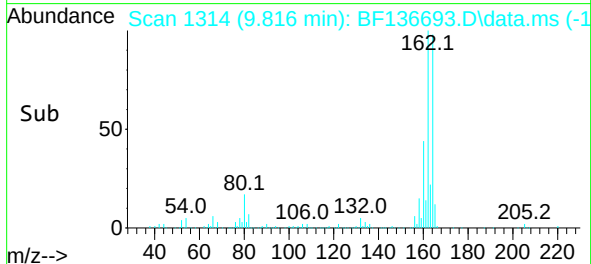
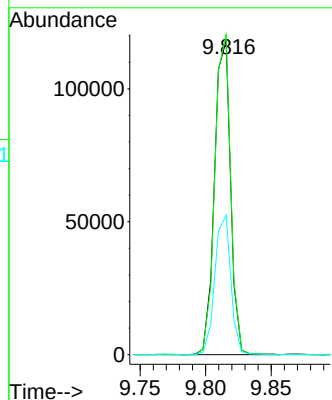
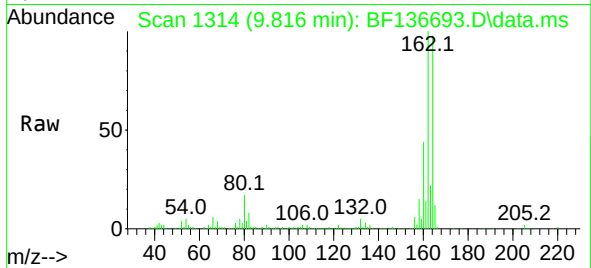




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136693.D
Acq: 22 Dec 2023 19:12

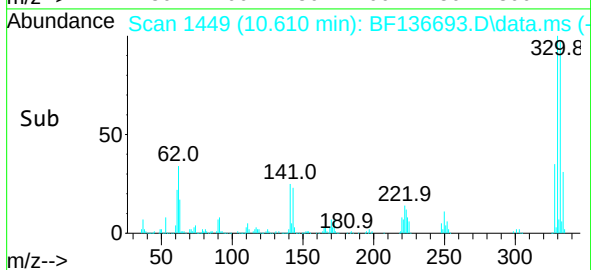
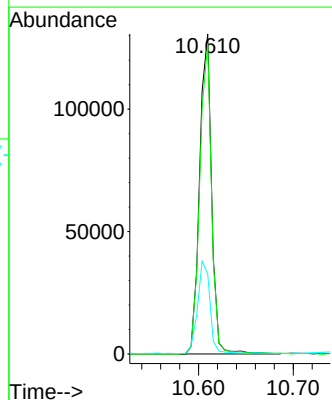
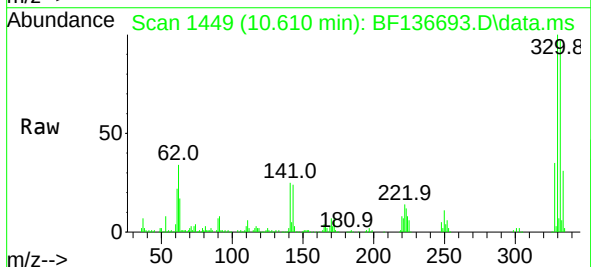
Instrument :
BNA_F
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597-A-J

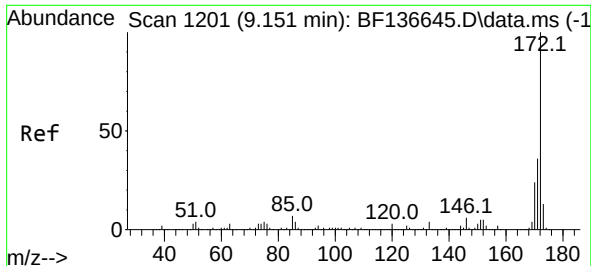
Tgt Ion:164 Resp: 100582
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 44.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 97.235 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136693.D
Acq: 22 Dec 2023 19:12

Tgt Ion:330 Resp: 115182
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 29.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 93.345 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136693.D

Acq: 22 Dec 2023 19:12

Instrument :

BNA_F

ClientSampleId :

597-A-J

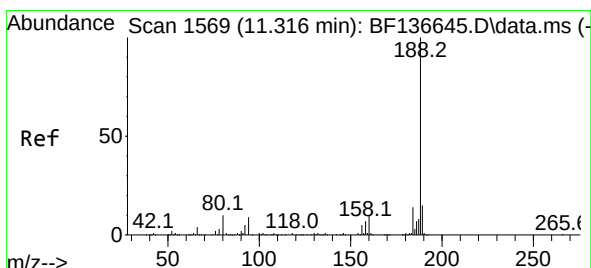
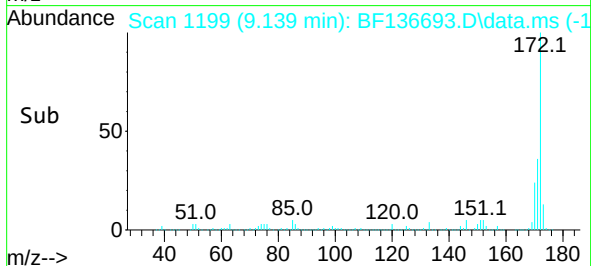
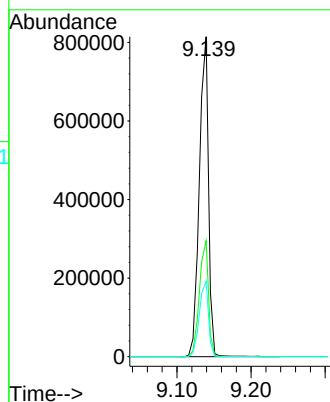
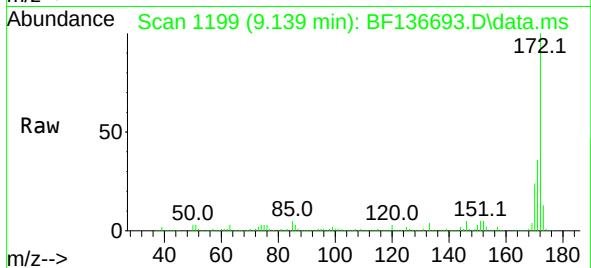
Tgt Ion:172 Resp: 698058

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 23.6 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.012 min

Lab File: BF136693.D

Acq: 22 Dec 2023 19:12

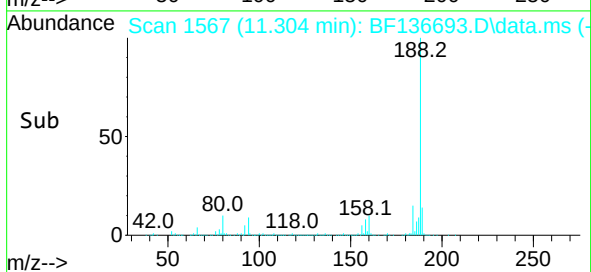
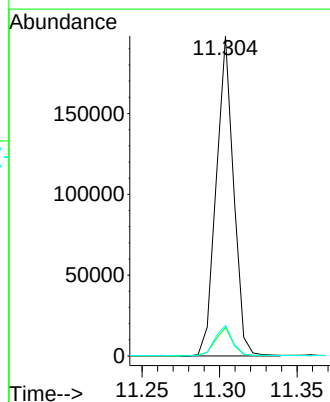
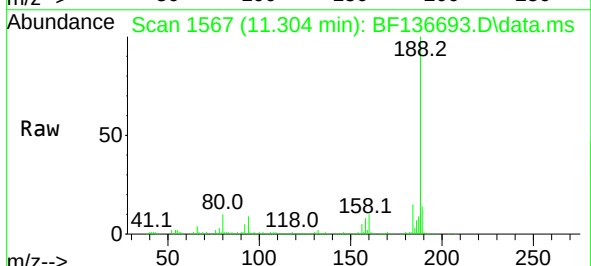
Tgt Ion:188 Resp: 154108

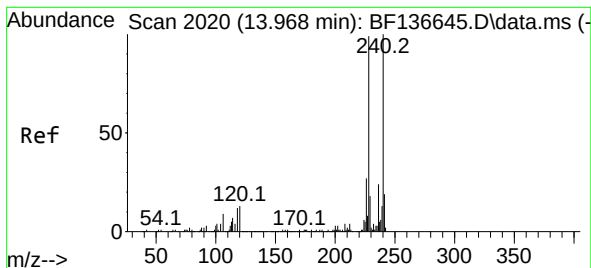
Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.6 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136693.D

Acq: 22 Dec 2023 19:12

Instrument :

BNA_F

ClientSampleId :

597-A-J

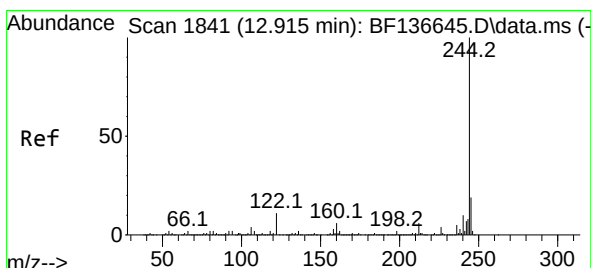
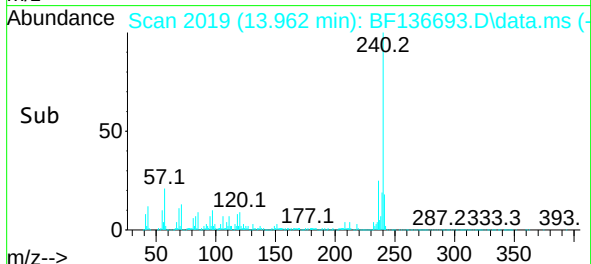
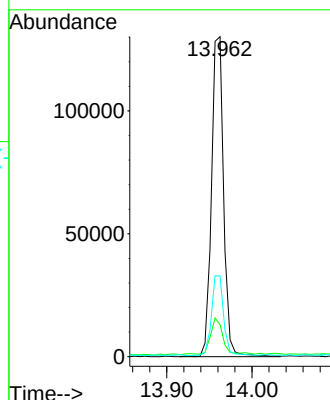
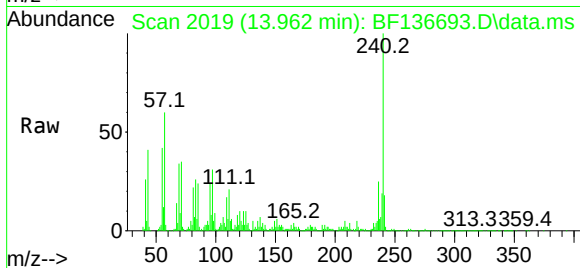
Tgt Ion:240 Resp: 128602

Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

236 25.2 19.4 29.2



#79

Terphenyl-d14

Concen: 62.078 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136693.D

Acq: 22 Dec 2023 19:12

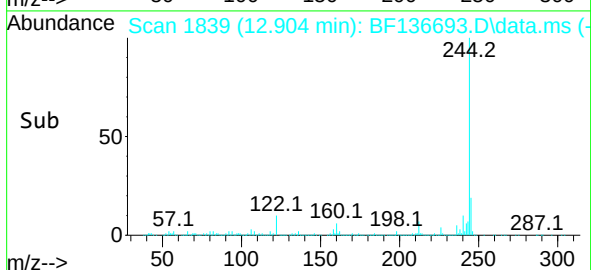
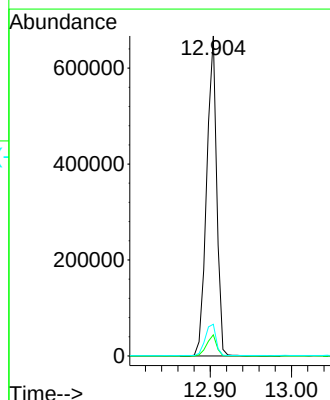
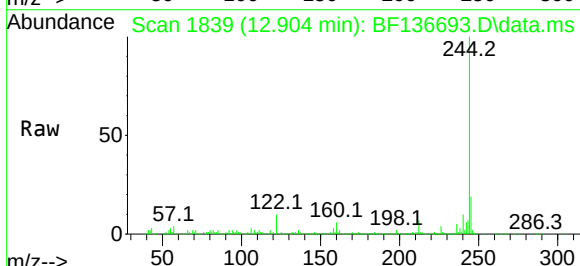
Tgt Ion:244 Resp: 571270

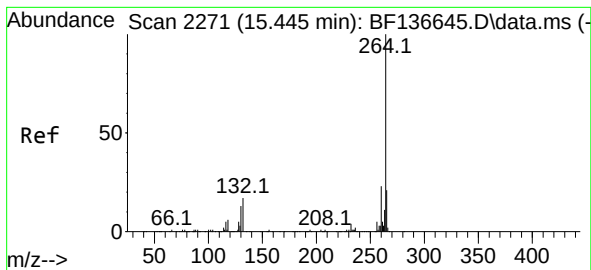
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

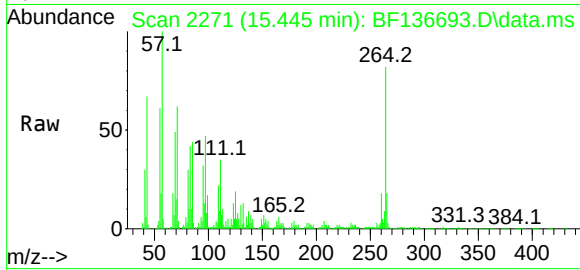
122 9.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136693.D
 Acq: 22 Dec 2023 19:12

Instrument :
 BNA_F
 ClientSampleId :
 597-A-J



Tgt Ion:	264	Resp:	107861
Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.3	27.5
265	21.9	17.0	25.6

