

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136697.D
 Acq On : 22 Dec 2023 21:18
 Operator : CG\JU
 Sample : 05812-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW2

Quant Time: Dec 23 01:56:08 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	69016	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	253405	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	111350	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	162030	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	131082	20.000	ng	-0.01
86) Perylene-d12	15.433	264	143311	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	30558	6.908	ng	0.00
7) Phenol-d6	6.428	99	26185	4.569	ng	-0.01
23) Nitrobenzene-d5	7.339	82	191632	38.697	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	12971	9.891	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	364274	44.000	ng	-0.02
79) Terphenyl-d14	12.898	244	180044	19.195	ng	-0.02

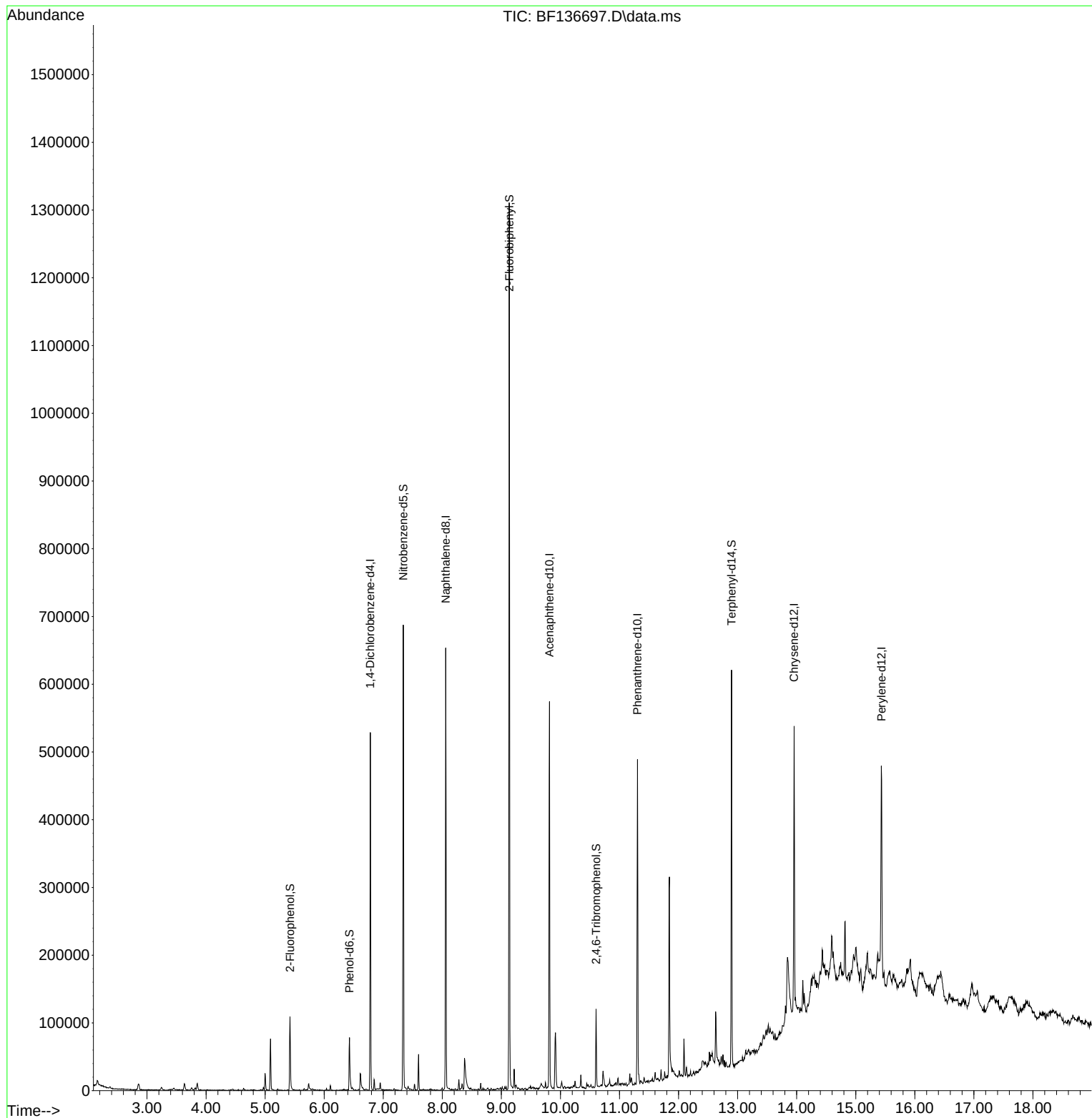
Target Compounds	Qvalue

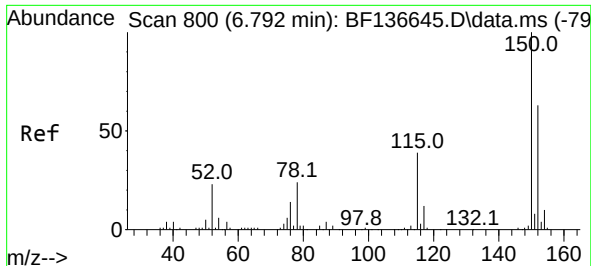
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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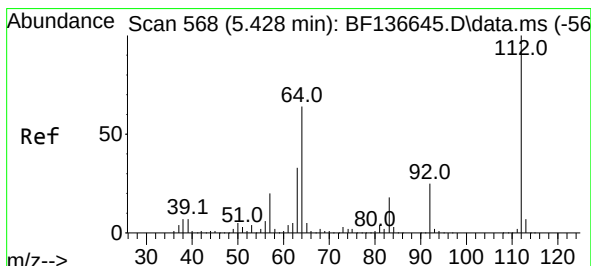
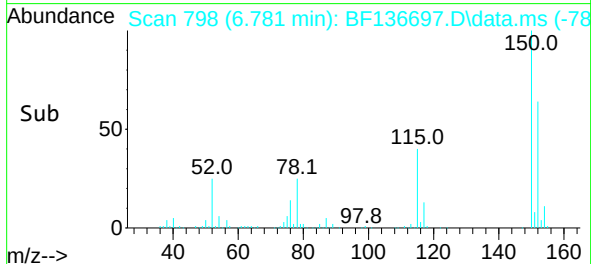
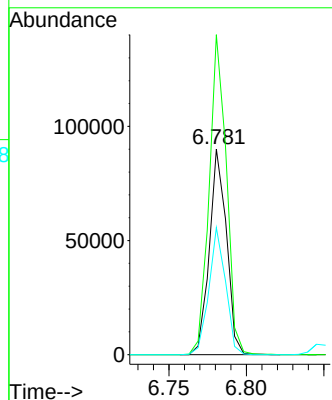
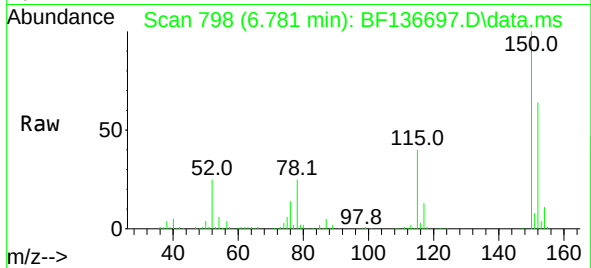




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136697.D
Acq: 22 Dec 2023 21:18

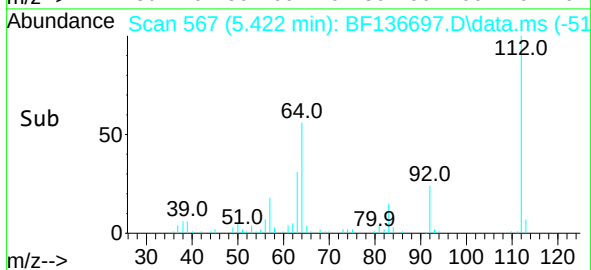
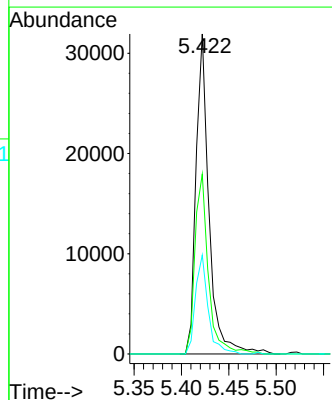
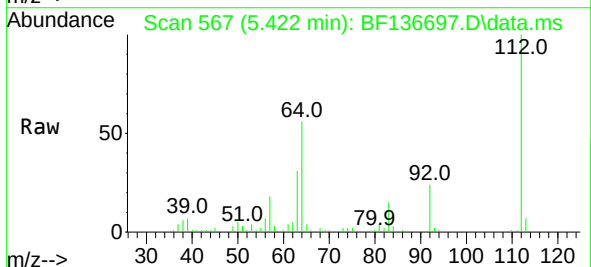
Instrument :
BNA_F
ClientSampleId :
RW2

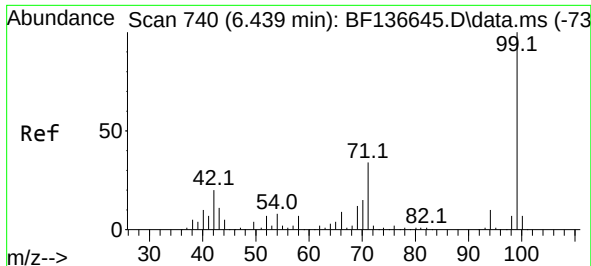
Tgt Ion:152 Resp: 69016
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.6
115 61.8 49.0 73.4



#5
2-Fluorophenol
Concen: 6.908 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136697.D
Acq: 22 Dec 2023 21:18

Tgt Ion:112 Resp: 30558
Ion Ratio Lower Upper
112 100
64 56.2 51.1 76.7
63 30.9 26.1 39.1

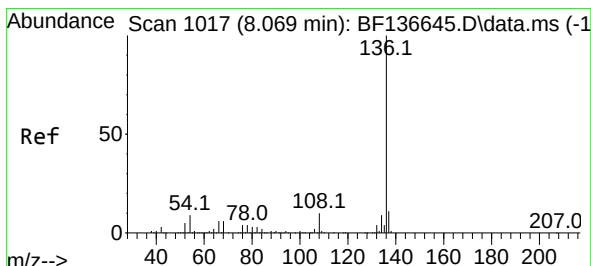
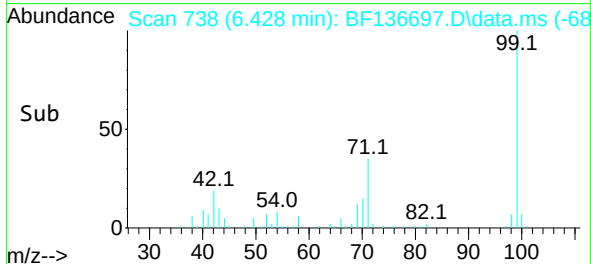
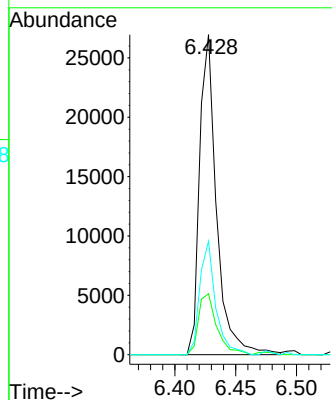
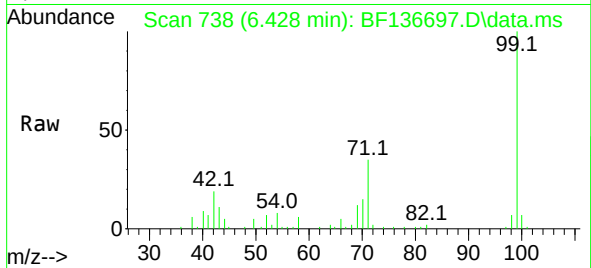




#7
Phenol-d6
Concen: 4.569 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136697.D
Acq: 22 Dec 2023 21:18

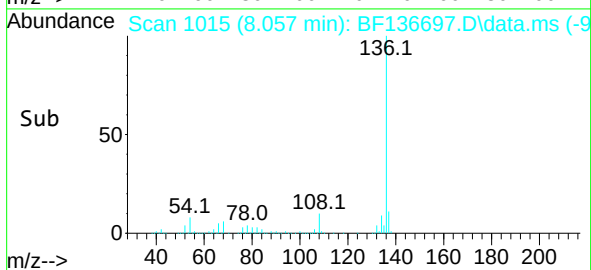
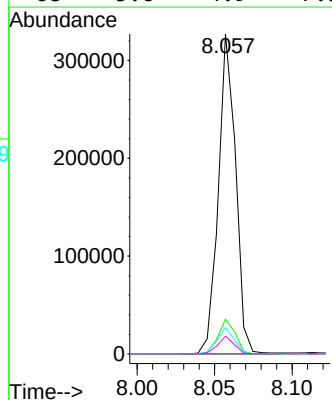
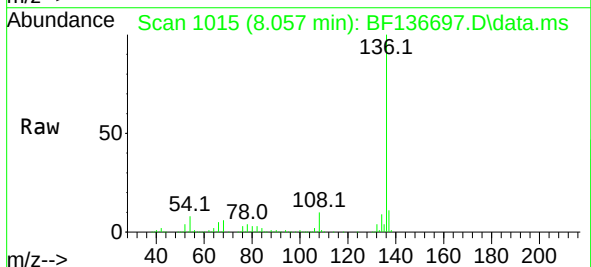
Instrument :
BNA_F
ClientSampleId :
RW2

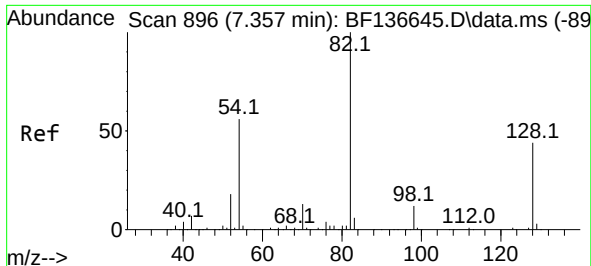
Tgt Ion: 99 Resp: 26185
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 35.4 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136697.D
Acq: 22 Dec 2023 21:18

Tgt Ion: 136 Resp: 253405
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.2 10.8
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 38.697 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136697.D

Acq: 22 Dec 2023 21:18

Instrument :

BNA_F

ClientSampleId :

RW2

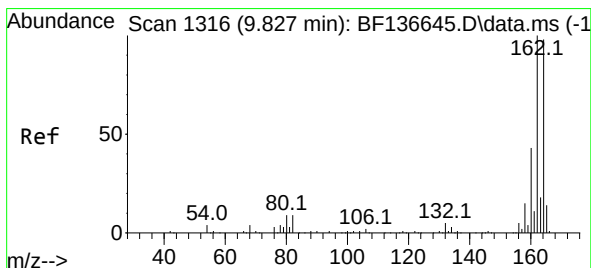
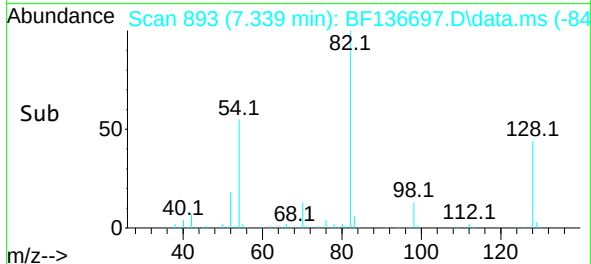
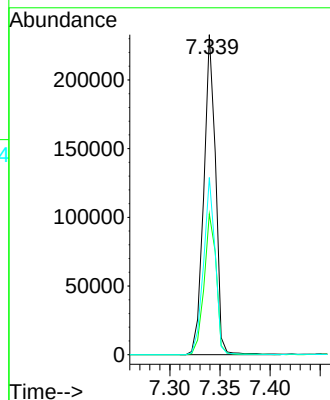
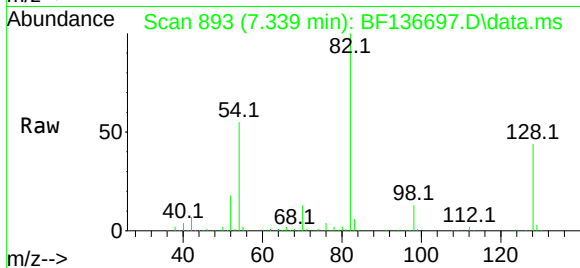
Tgt Ion: 82 Resp: 191632

Ion Ratio Lower Upper

82 100

128 44.0 35.3 52.9

54 55.3 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136697.D

Acq: 22 Dec 2023 21:18

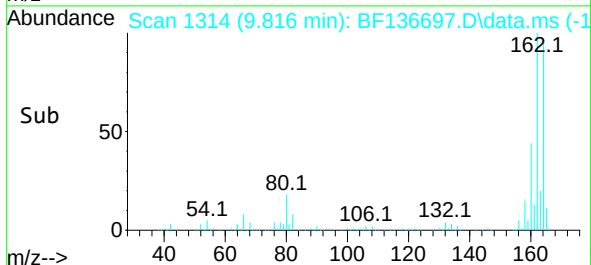
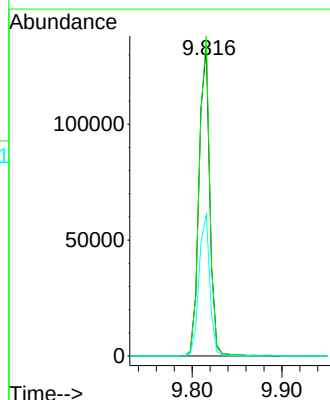
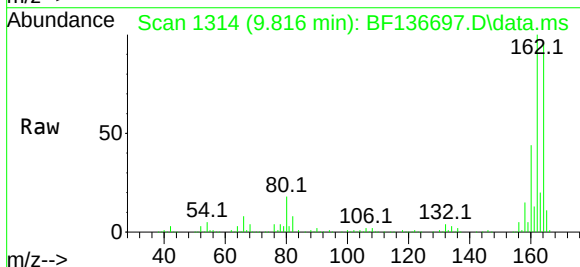
Tgt Ion:164 Resp: 111350

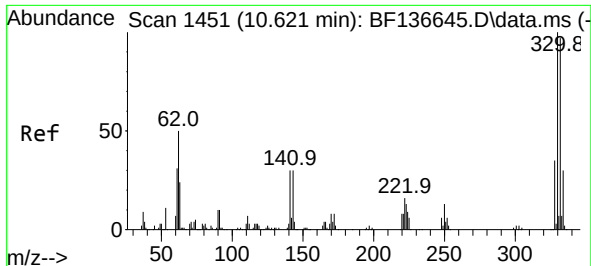
Ion Ratio Lower Upper

164 100

162 103.8 81.6 122.4

160 45.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 9.891 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF136697.D

Acq: 22 Dec 2023 21:18

Instrument :

BNA_F

ClientSampleId :

RW2

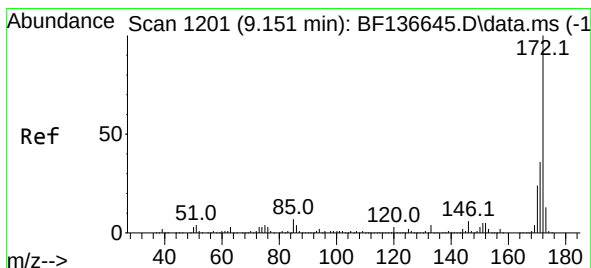
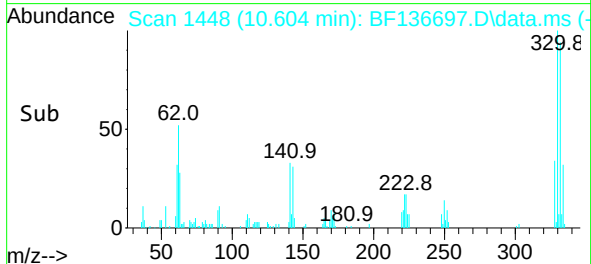
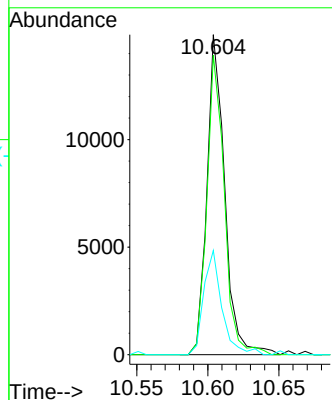
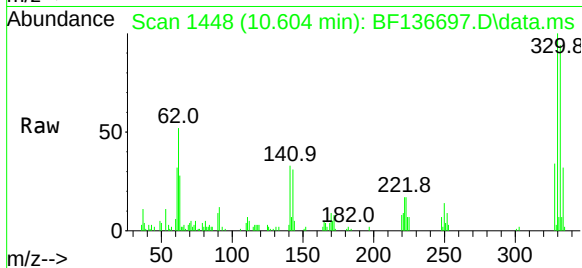
Tgt Ion:330 Resp: 12971

Ion Ratio Lower Upper

330 100

332 91.7 77.4 116.0

141 33.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 44.000 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136697.D

Acq: 22 Dec 2023 21:18

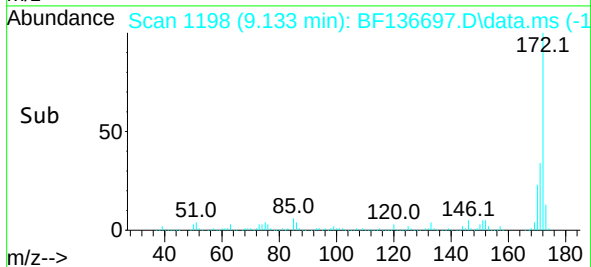
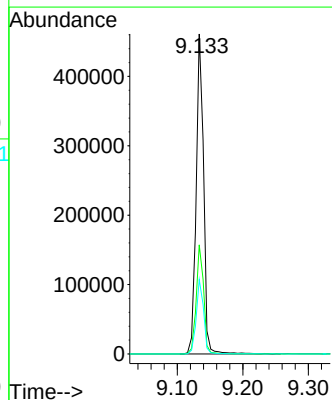
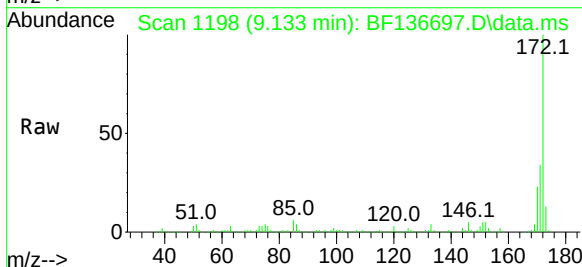
Tgt Ion:172 Resp: 364274

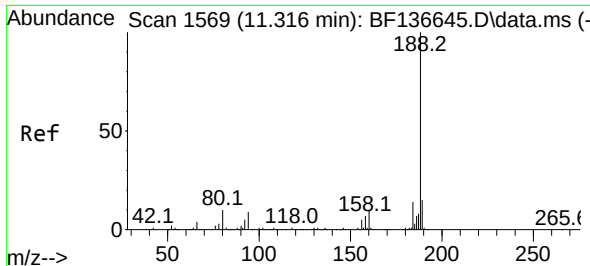
Ion Ratio Lower Upper

172 100

171 34.1 29.0 43.6

170 23.2 19.0 28.4

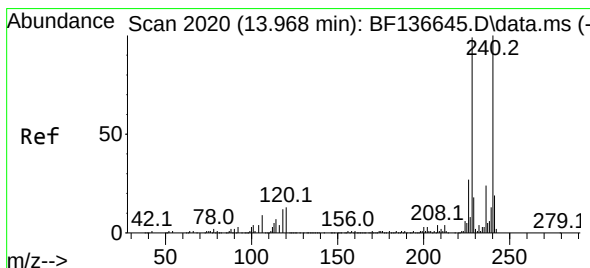
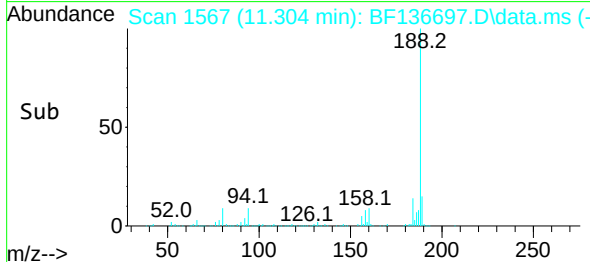
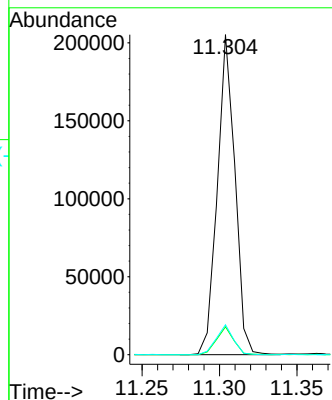
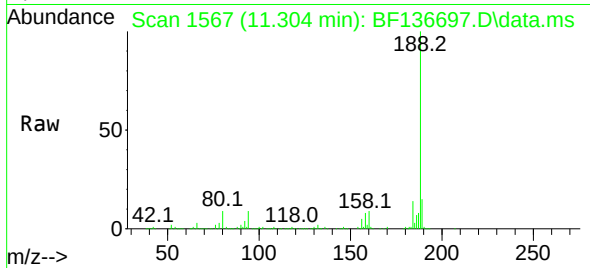




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136697.D
Acq: 22 Dec 2023 21:18

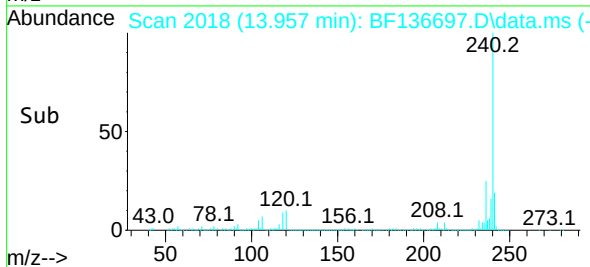
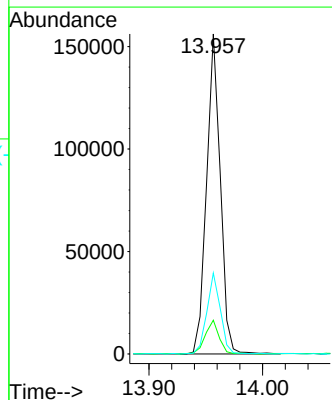
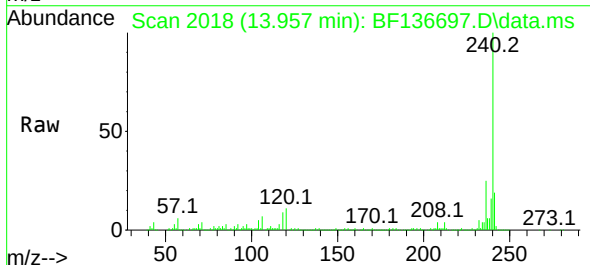
Instrument :
BNA_F
ClientSampleId :
RW2

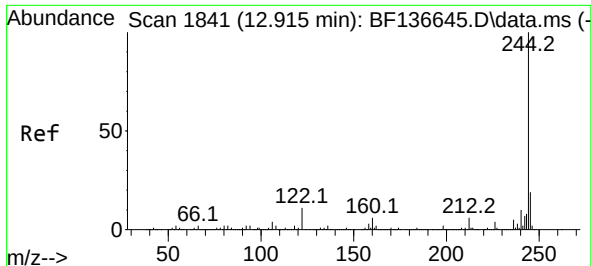
Tgt Ion:188 Resp: 162030
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136697.D
Acq: 22 Dec 2023 21:18

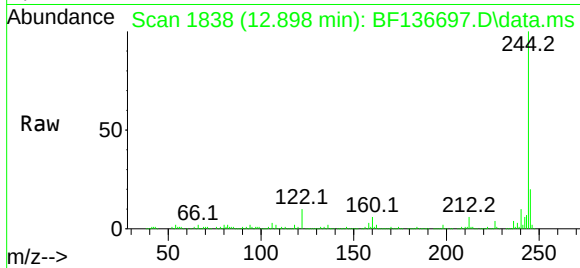
Tgt Ion:240 Resp: 131082
Ion Ratio Lower Upper
240 100
120 10.6 10.3 15.5
236 25.3 19.4 29.2



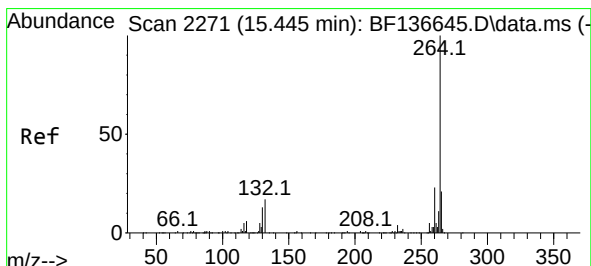
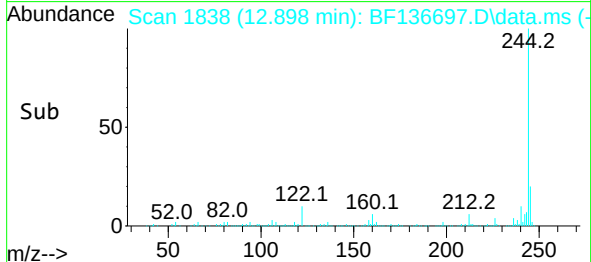
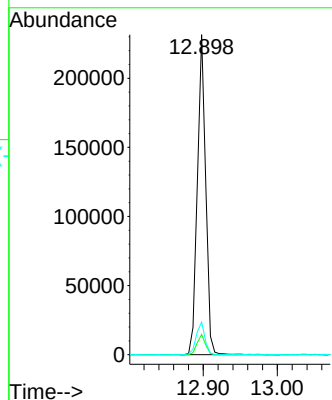


#79
 Terphenyl-d14
 Concen: 19.195 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.018 min
 Lab File: BF136697.D
 Acq: 22 Dec 2023 21:18

Instrument :
 BNA_F
 ClientSampleId :
 RW2



Tgt Ion:244 Resp: 180044
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.012 min
 Lab File: BF136697.D
 Acq: 22 Dec 2023 21:18

Tgt Ion:264 Resp: 143311
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.3 27.5
 265 22.3 17.0 25.6

