

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136814.D
 Acq On : 29 Dec 2023 01:56
 Operator : CG\JU
 Sample : 06034-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-122723

Quant Time: Dec 29 02:20:11 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	51381	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	153282	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	67177	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	140071	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	119150	20.000	ng	0.00
86) Perylene-d12	15.445	264	87782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	78252	23.763	ng	0.00
7) Phenol-d6	6.422	99	86050	20.166	ng	-0.02
23) Nitrobenzene-d5	7.340	82	48189	16.087	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	18772	23.727	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	82768	16.571	ng	-0.02
79) Terphenyl-d14	12.898	244	118256	13.870	ng	-0.02

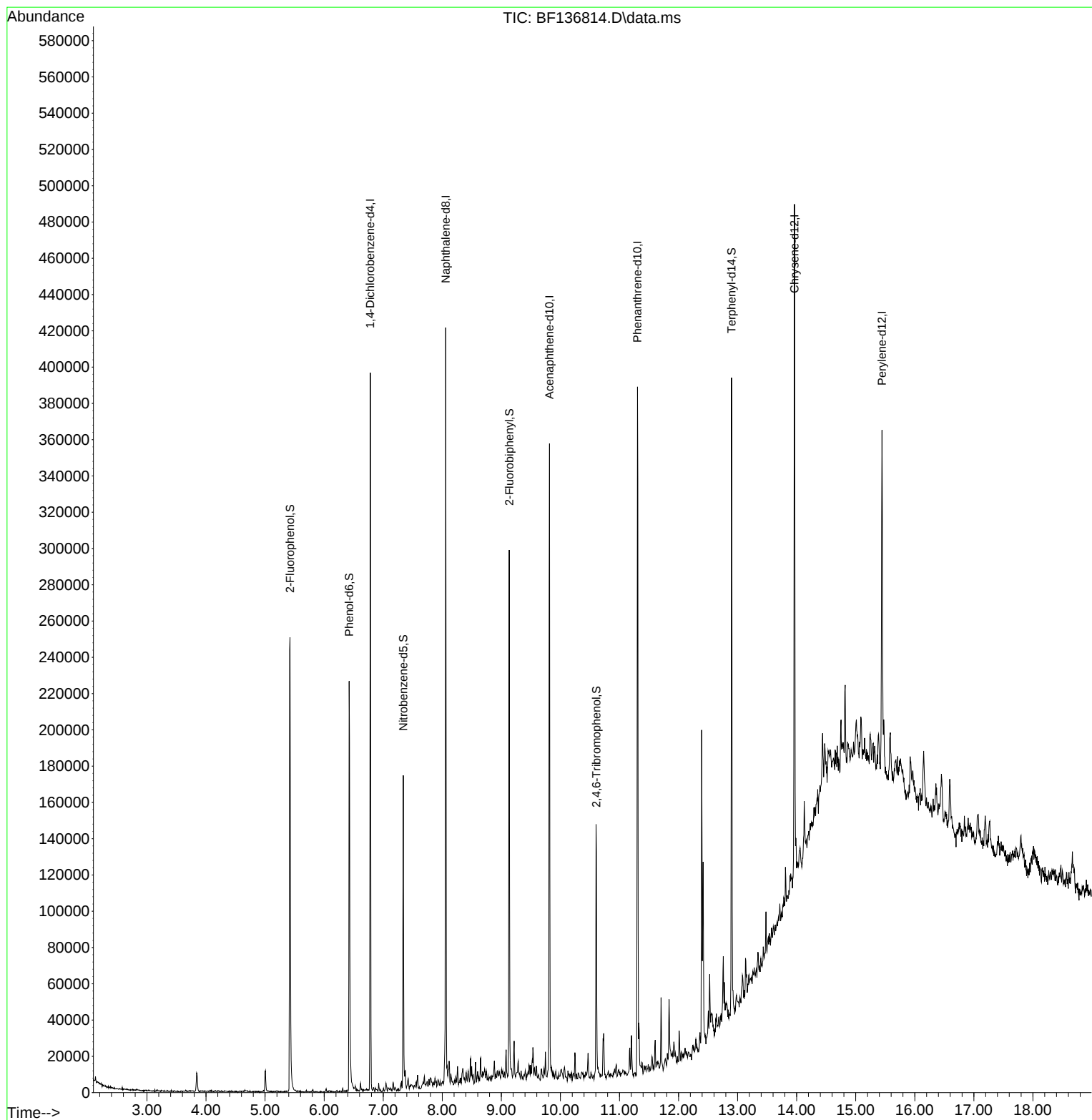
Target Compounds	Qvalue

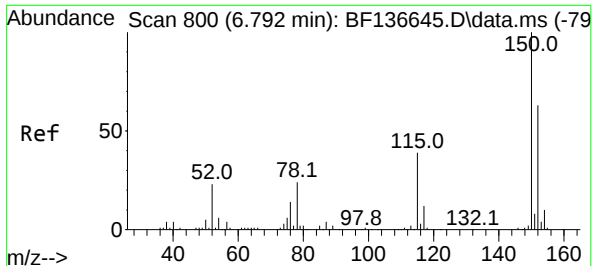
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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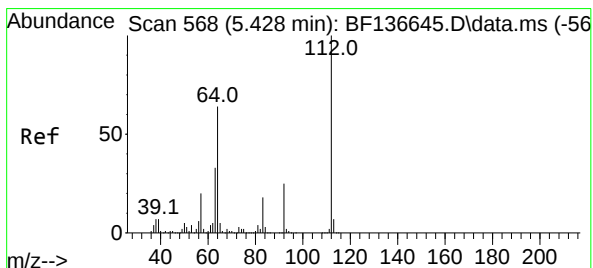
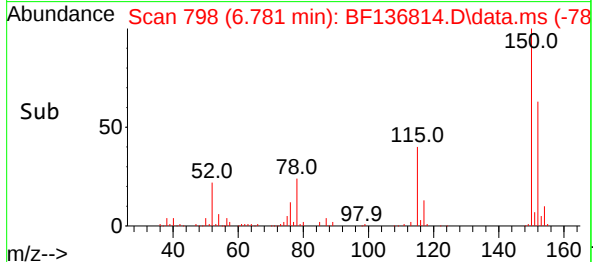
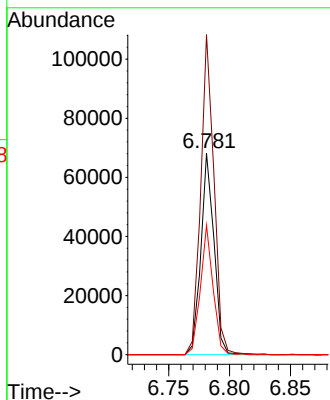
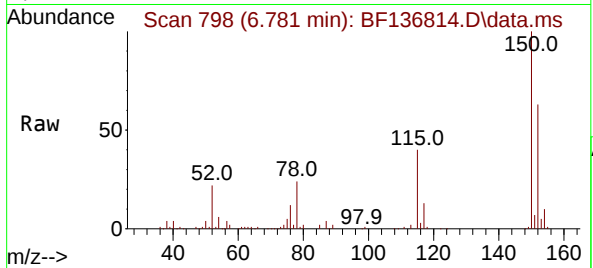




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136814.D
 Acq: 29 Dec 2023 01:56

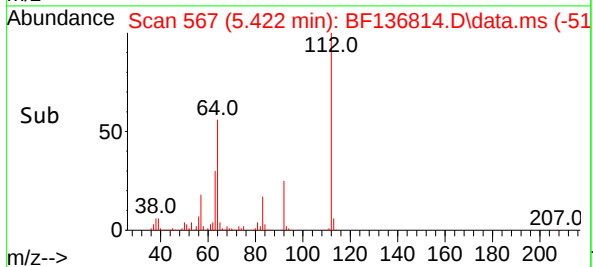
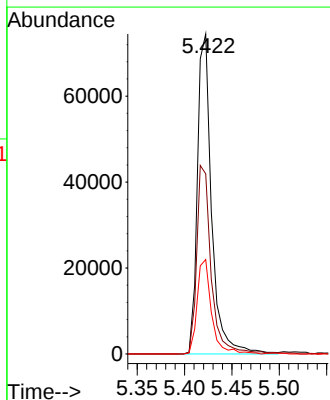
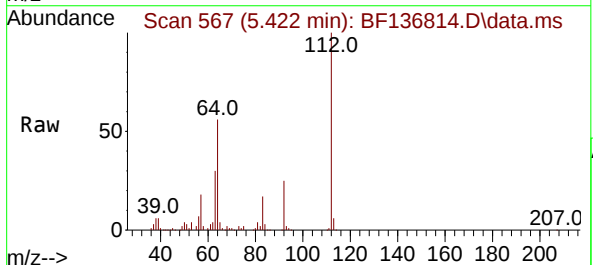
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-122723

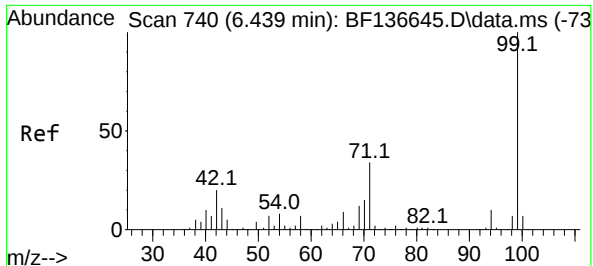
Tgt Ion:152 Resp: 51381
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.0 190.6
 115 64.3 49.0 73.4



#5
 2-Fluorophenol
 Concen: 23.763 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.005 min
 Lab File: BF136814.D
 Acq: 29 Dec 2023 01:56

Tgt Ion:112 Resp: 78252
 Ion Ratio Lower Upper
 112 100
 64 56.3 51.1 76.7
 63 29.5 26.1 39.1

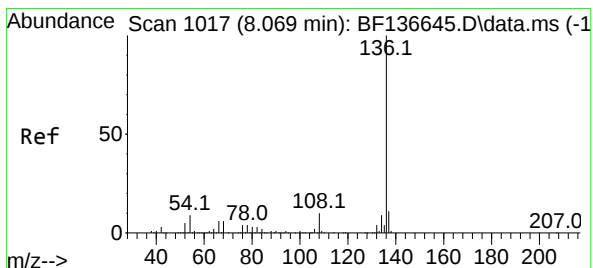
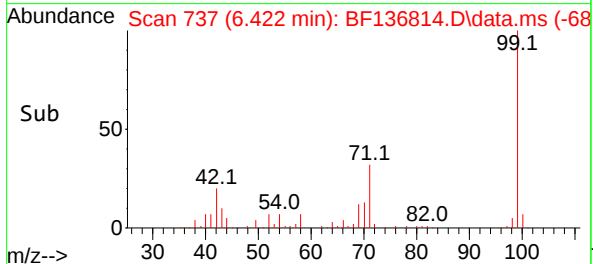
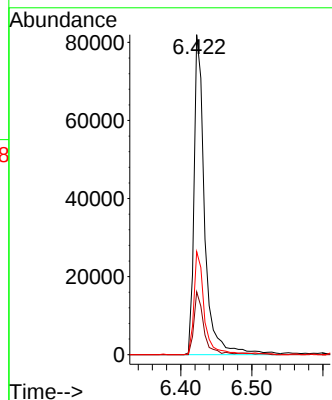
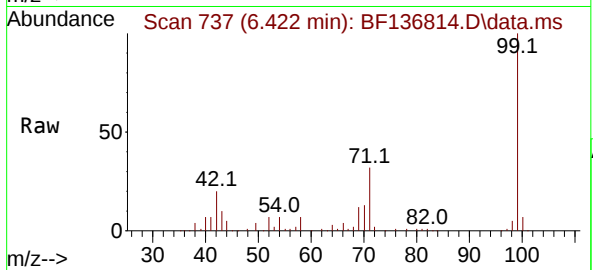




#7
Phenol-d6
Concen: 20.166 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

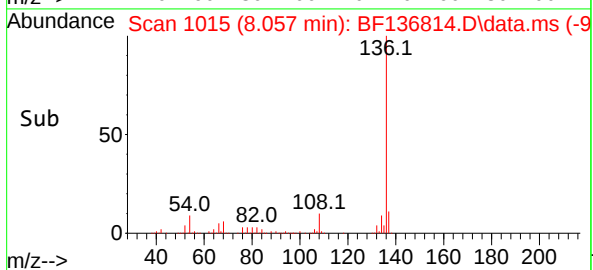
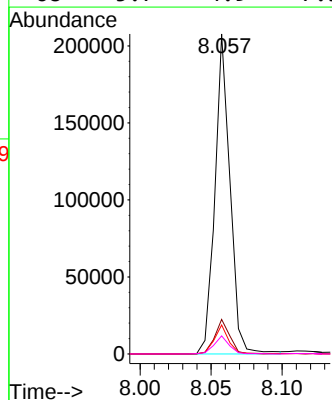
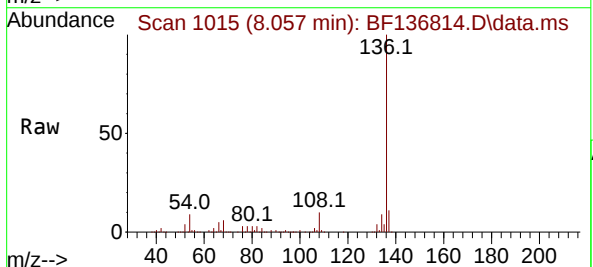
Instrument :
BNA_F
ClientSampleId :
EO-03-122723

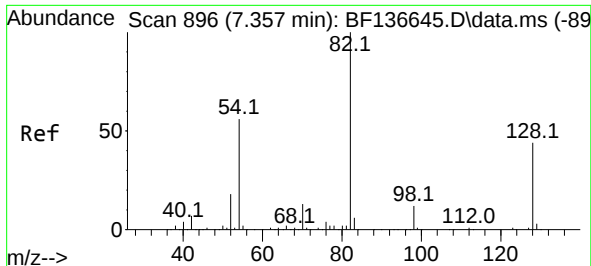
Tgt Ion: 99 Resp: 86050
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 32.2 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

Tgt Ion: 136 Resp: 153282
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.0 7.2 10.8
68 5.7 4.9 7.3

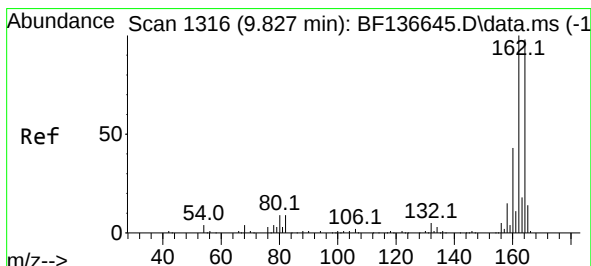
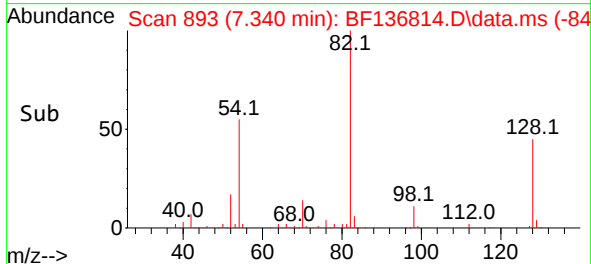
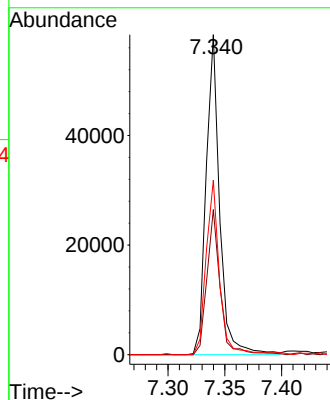
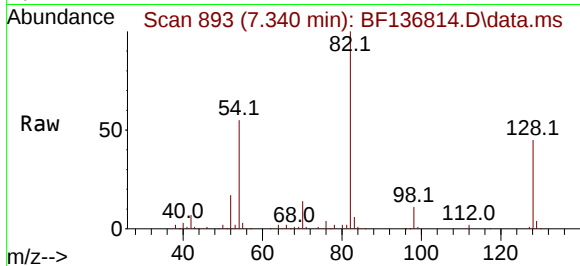




#23
 Nitrobenzene-d5
 Concen: 16.087 ng
 RT: 7.340 min Scan# 896
 Delta R.T. -0.017 min
 Lab File: BF136814.D
 Acq: 29 Dec 2023 01:56

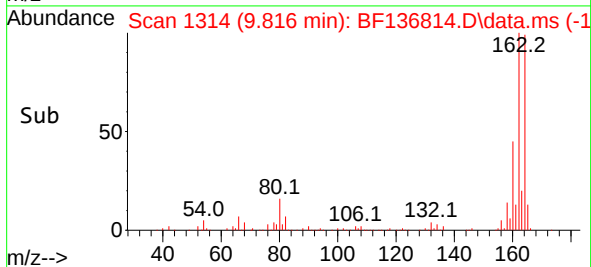
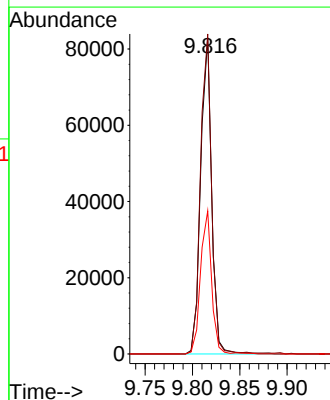
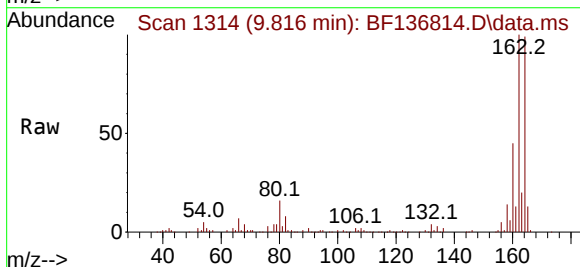
Instrument :
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 ClientSampleId :
 EO-03-122723

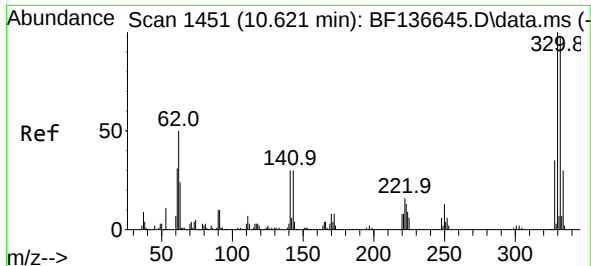
Tgt Ion: 82 Resp: 48189
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.3 52.9
 54 54.5 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.011 min
 Lab File: BF136814.D
 Acq: 29 Dec 2023 01:56

Tgt Ion:164 Resp: 67177
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.6 122.4
 160 45.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 23.727 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.011 min

Lab File: BF136814.D

Acq: 29 Dec 2023 01:56

Instrument :

BNA_F

ClientSampleId :

EO-03-122723

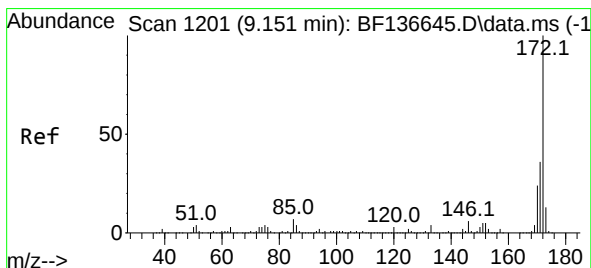
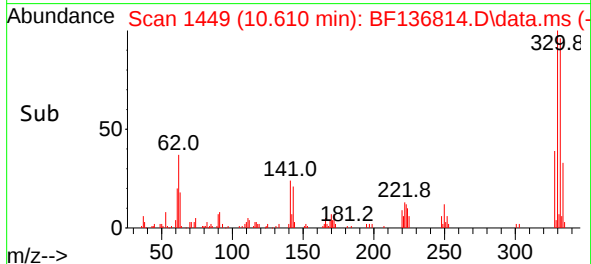
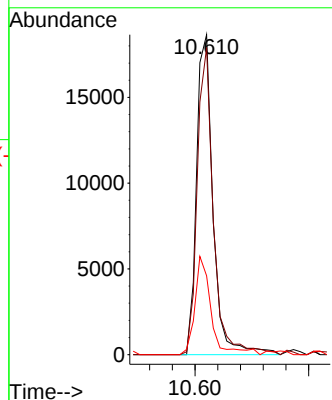
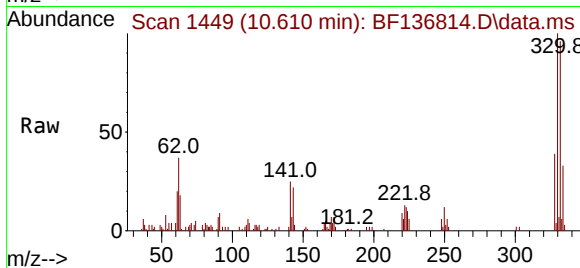
Tgt Ion:330 Resp: 18772

Ion Ratio Lower Upper

330 100

332 94.2 77.4 116.0

141 30.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 16.571 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136814.D

Acq: 29 Dec 2023 01:56

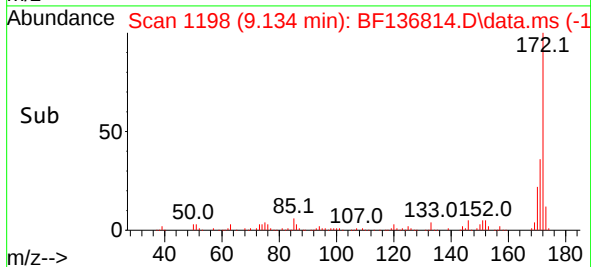
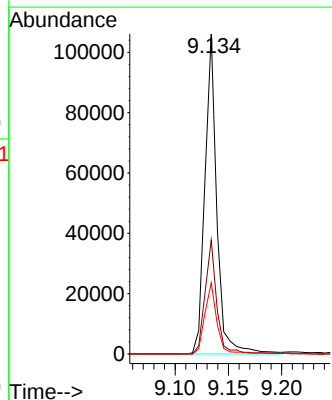
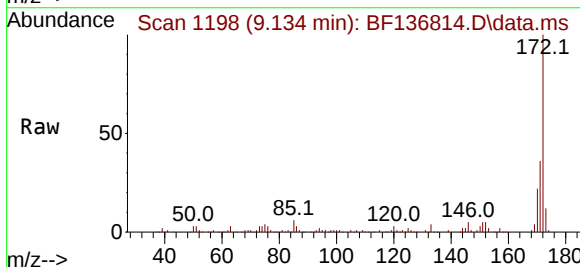
Tgt Ion:172 Resp: 82768

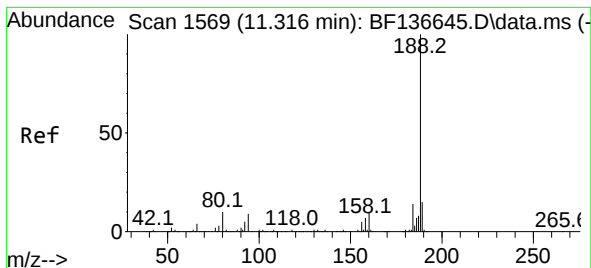
Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

170 22.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF136814.D

Acq: 29 Dec 2023 01:56

Instrument :

BNA_F

ClientSampleId :

EO-03-122723

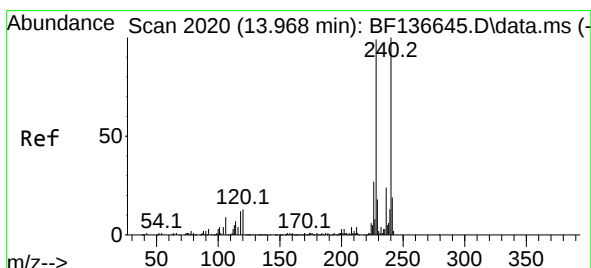
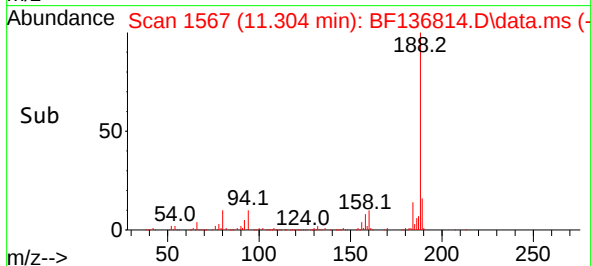
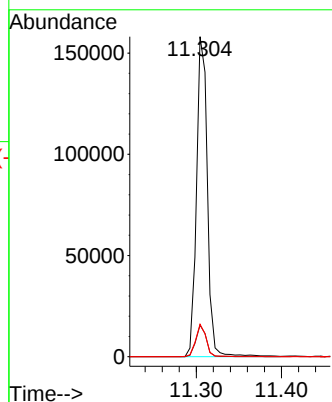
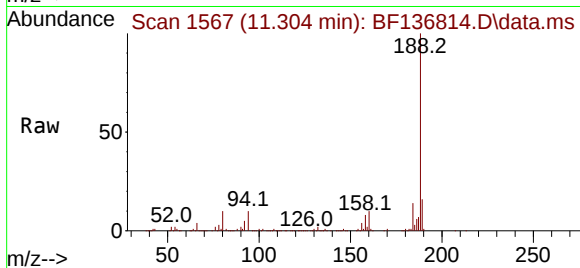
Tgt Ion:188 Resp: 140071

Ion Ratio Lower Upper

188 100

94 9.9 7.5 11.3

80 10.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.005 min

Lab File: BF136814.D

Acq: 29 Dec 2023 01:56

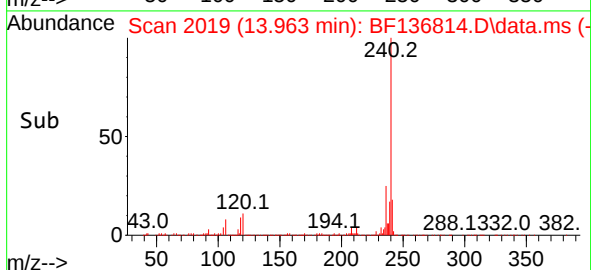
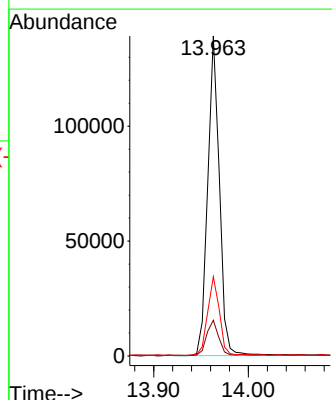
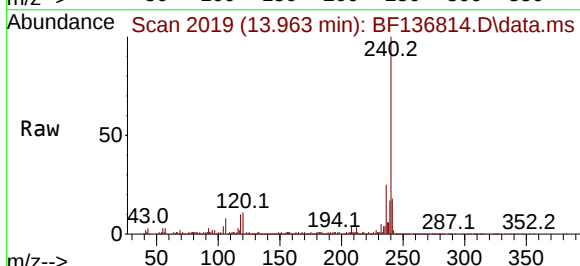
Tgt Ion:240 Resp: 119150

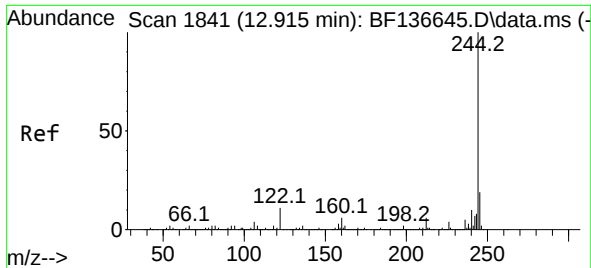
Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

236 24.8 19.4 29.2

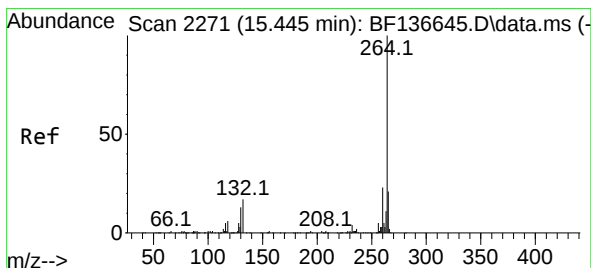
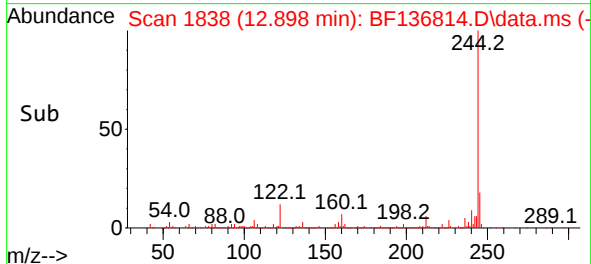
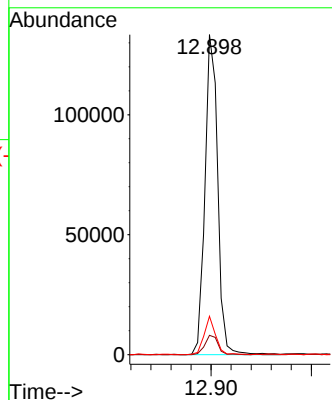
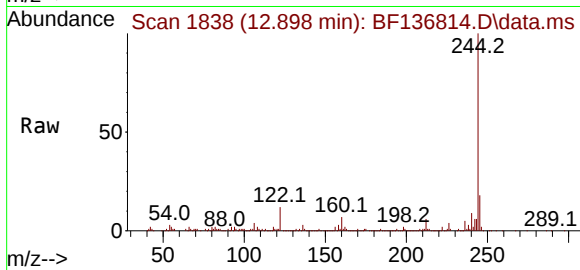




#79
 Terphenyl-d14
 Concen: 13.870 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.017 min
 Lab File: BF136814.D
 Acq: 29 Dec 2023 01:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-122723

Tgt Ion:244 Resp: 118256
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 12.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136814.D
 Acq: 29 Dec 2023 01:56

Tgt Ion:264 Resp: 87782
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.4 17.0 25.6

