

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136608.D
 Acq On : 18 Dec 2023 11:46
 Operator : CG\JU
 Sample : PB157718BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157718BL

Quant Time: Dec 18 12:05:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	120532	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	496461	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	277017	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	522021	20.000	ng	0.00
76) Chrysene-d12	13.968	240	304233	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	263399	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	955903	117.123	ng	0.02
7) Phenol-d6	6.440	99	1159659	113.884	ng	0.00
23) Nitrobenzene-d5	7.351	82	720248	78.429	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	381422	111.669	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1570249	77.346	ng	0.00
79) Terphenyl-d14	12.916	244	1840945	79.756	ng	0.00

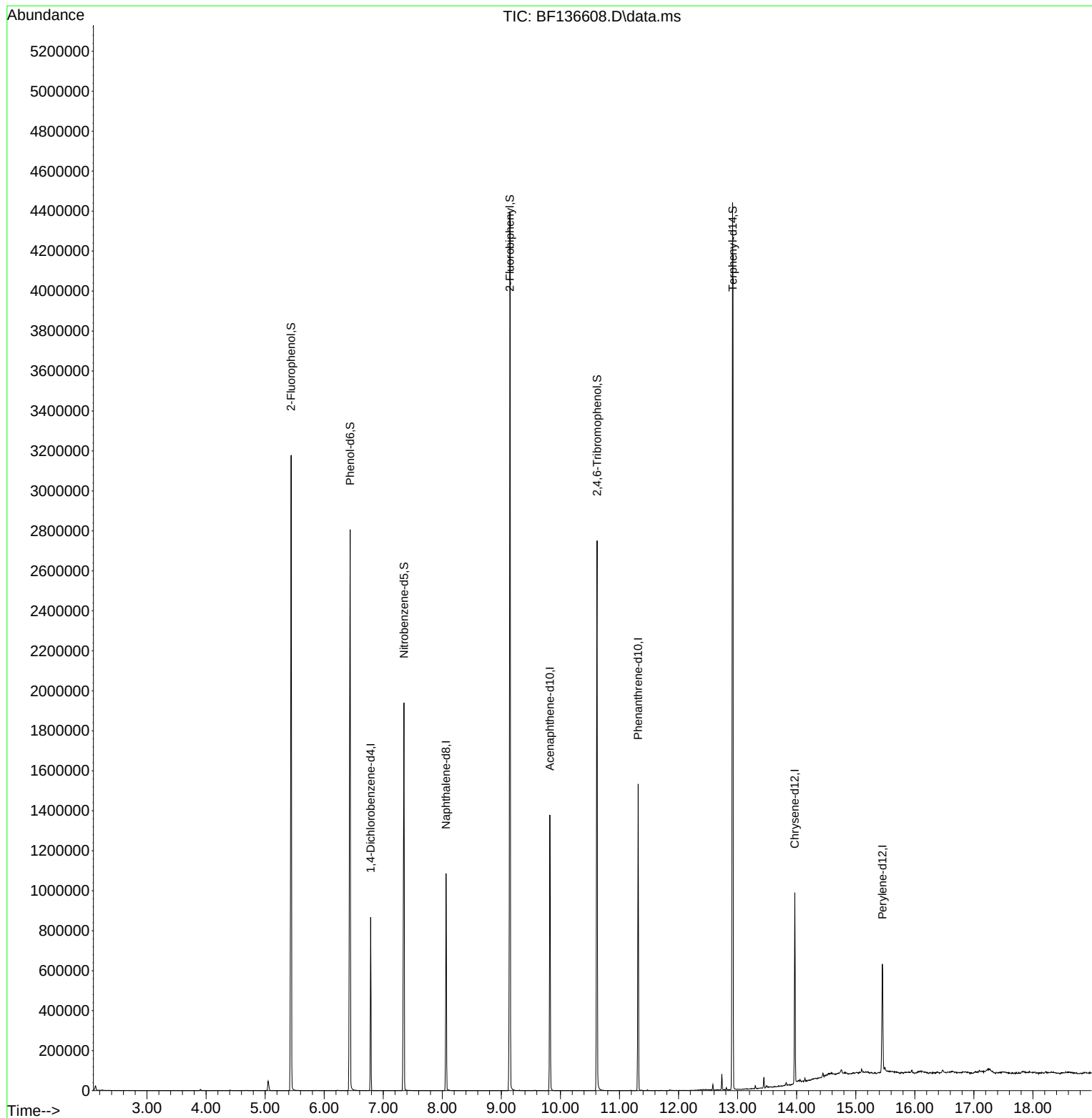
Target Compounds	Qvalue

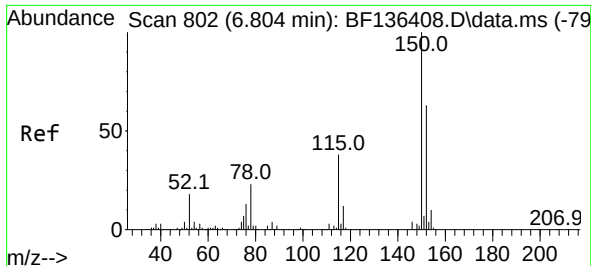
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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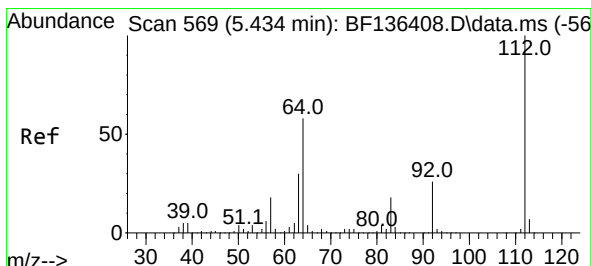
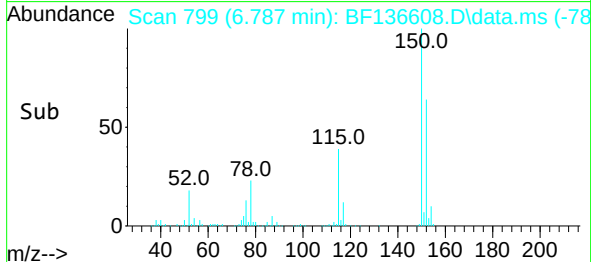
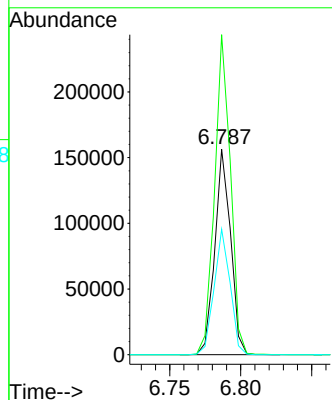
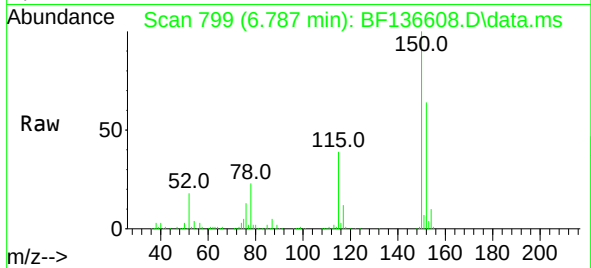




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

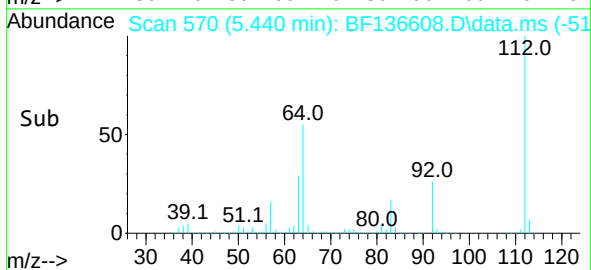
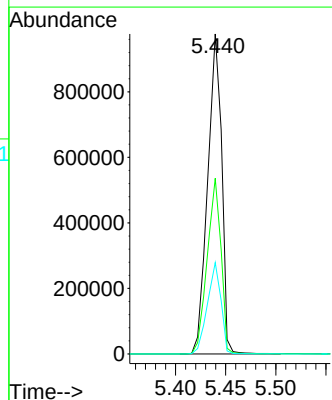
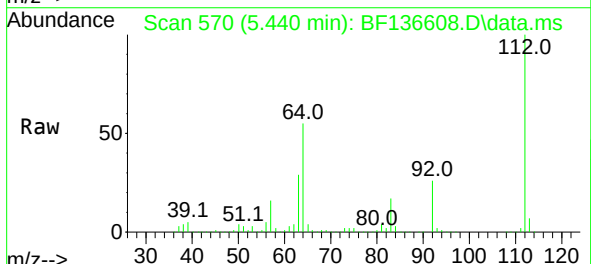
Instrument :
BNA_F
ClientSampleId :
PB157718BL

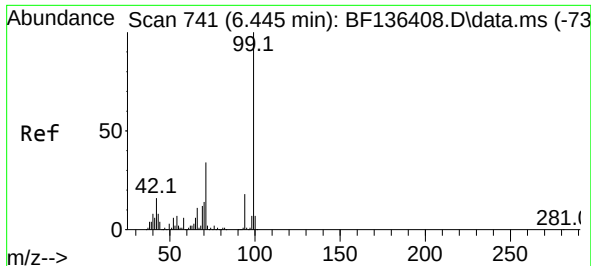
Tgt Ion:152 Resp: 120532
Ion Ratio Lower Upper
152 100
150 155.7 126.4 189.6
115 61.0 48.2 72.4



#5
2-Fluorophenol
Concen: 117.123 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Tgt Ion:112 Resp: 955903
Ion Ratio Lower Upper
112 100
64 54.9 46.5 69.7
63 28.6 23.9 35.9



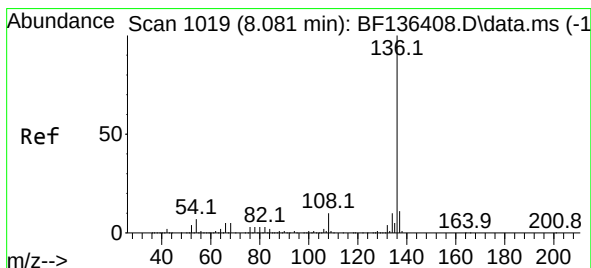
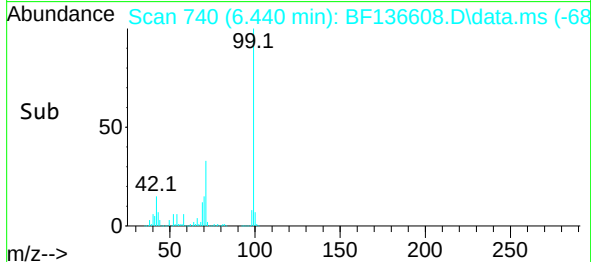
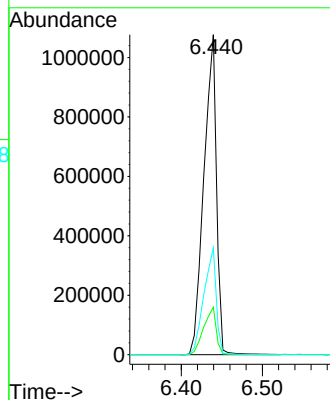
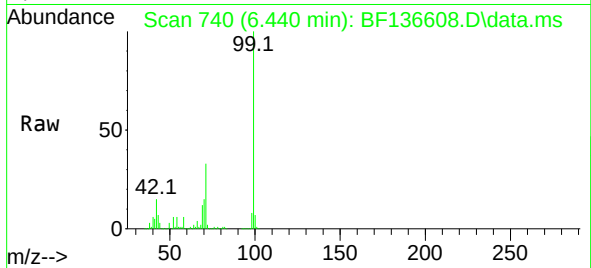


#7
Phenol-d6
Concen: 113.884 ng
RT: 6.440 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Instrument :
BNA_F
ClientSampleId :
PB157718BL

Tgt Ion: 99 Resp: 1159659

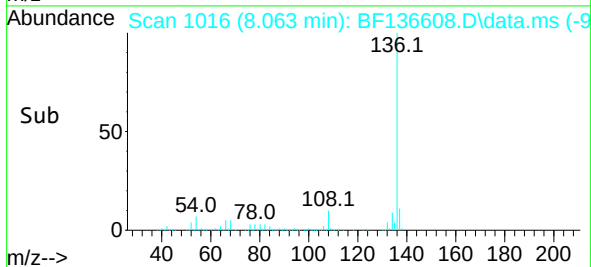
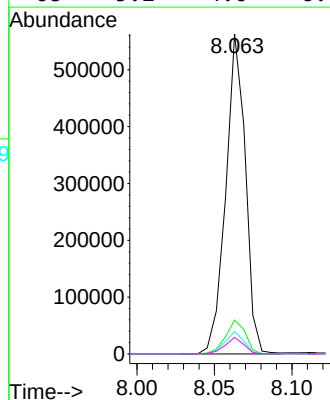
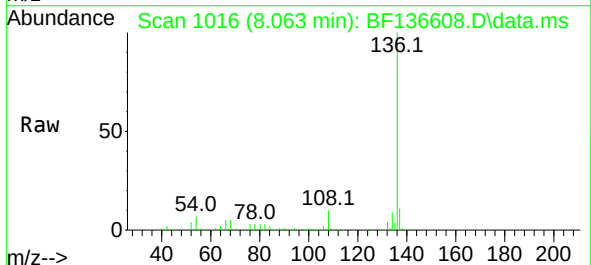
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.8	19.2
71	33.4	27.0	40.4

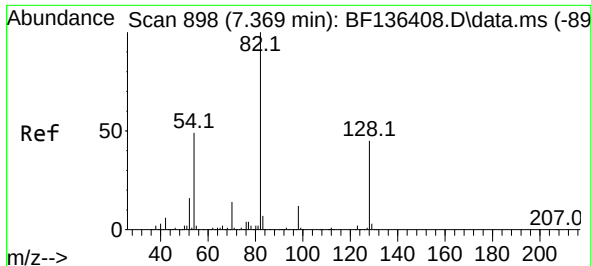


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Tgt Ion: 136 Resp: 496461

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.0	5.7	8.5
68	5.2	4.0	6.0

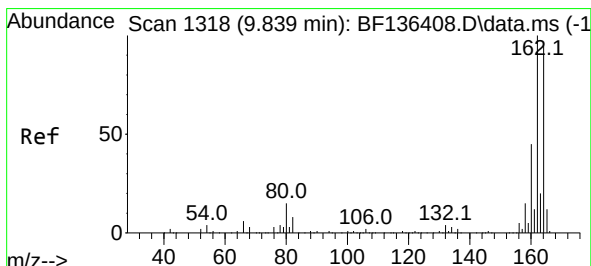
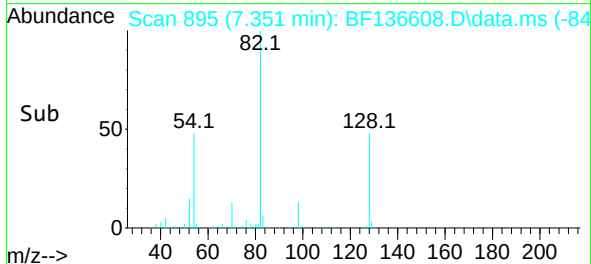
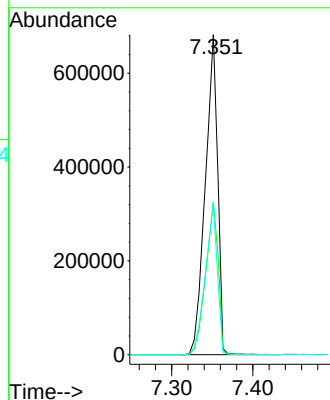
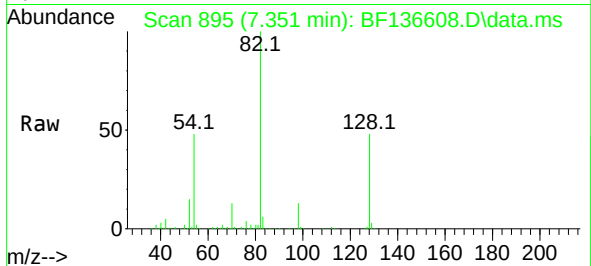




#23
Nitrobenzene-d5
Concen: 78.429 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

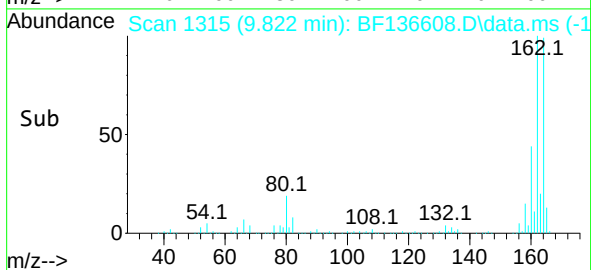
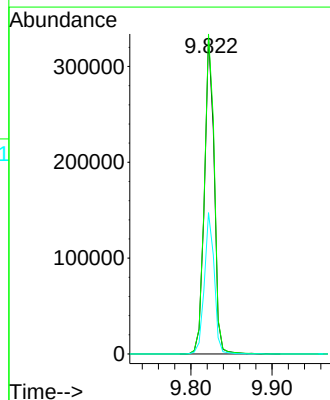
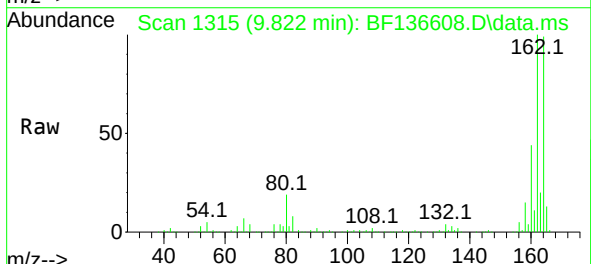
Instrument :
BNA_F
ClientSampleId :
PB157718BL

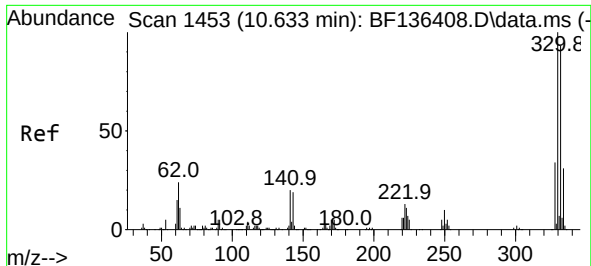
Tgt Ion: 82 Resp: 720248
Ion Ratio Lower Upper
82 100
128 47.6 36.3 54.5
54 47.5 39.0 58.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Tgt Ion: 164 Resp: 277017
Ion Ratio Lower Upper
164 100
162 101.0 84.4 126.6
160 44.6 37.6 56.4

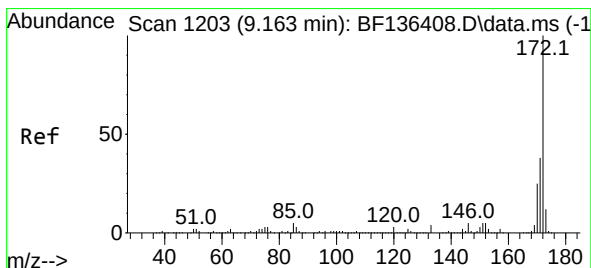
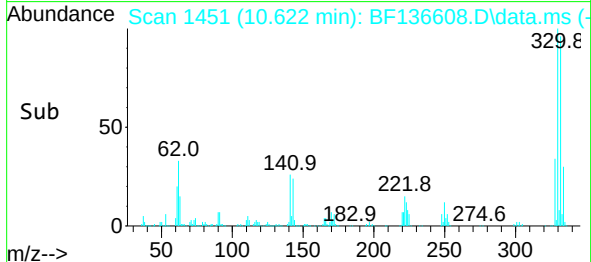
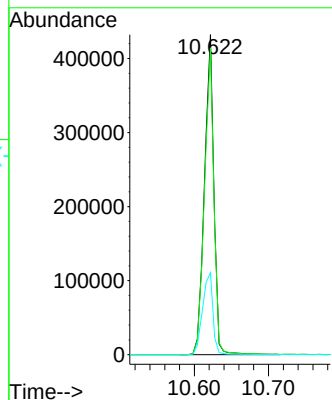
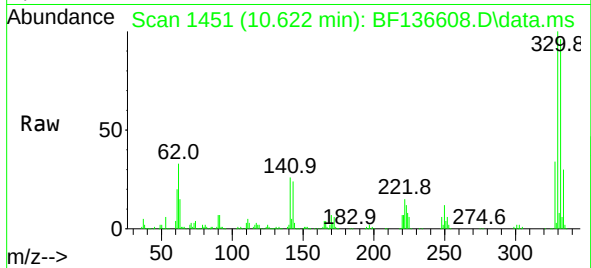




#42
2,4,6-Tribromophenol
Concen: 111.669 ng
RT: 10.622 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

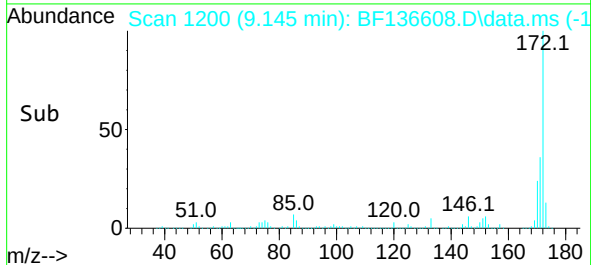
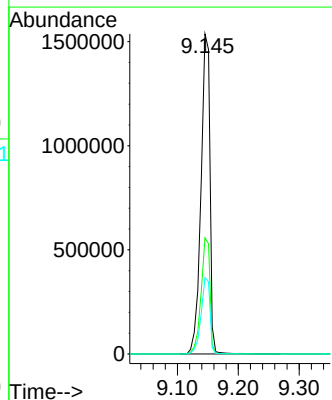
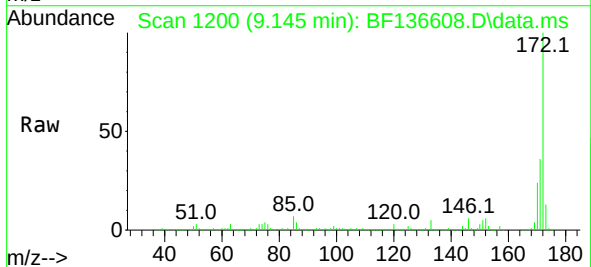
Instrument :
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ClientSampleId :
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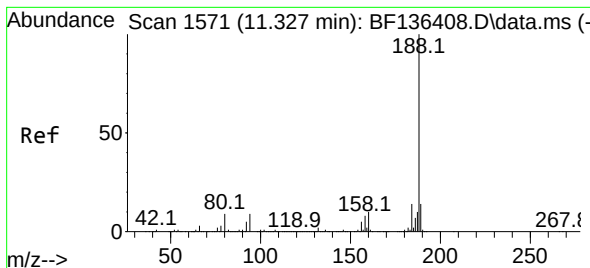
Tgt Ion:330 Resp: 381422
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 28.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 77.346 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Tgt Ion:172 Resp: 1570249
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 23.9 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136608.D

Acq: 18 Dec 2023 11:46

Instrument :

BNA_F

ClientSampleId :

PB157718BL

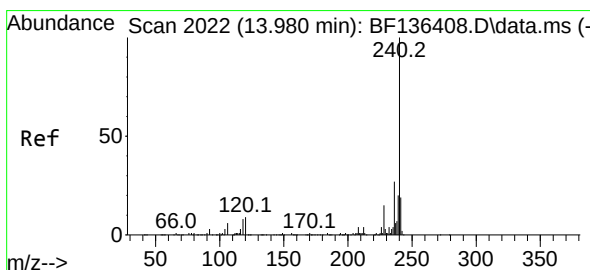
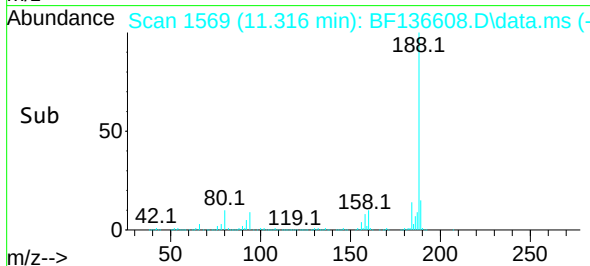
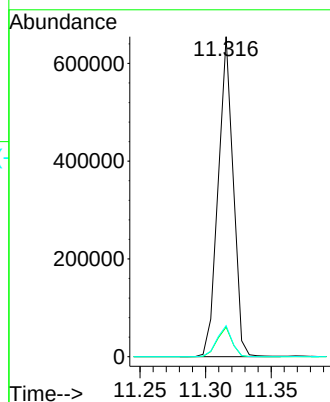
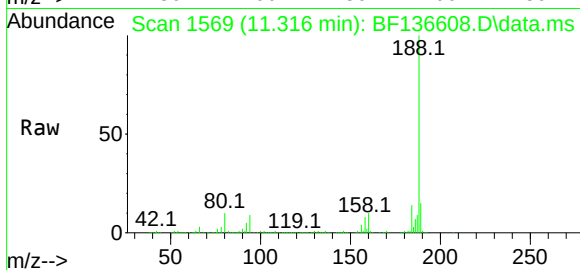
Tgt Ion:188 Resp: 522021

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 9.7 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136608.D

Acq: 18 Dec 2023 11:46

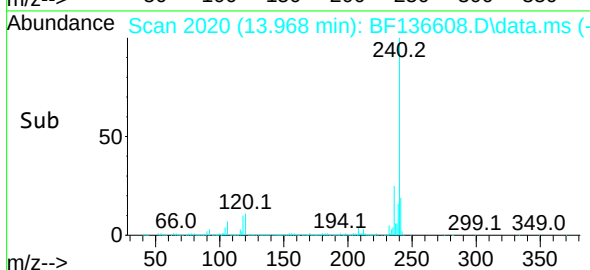
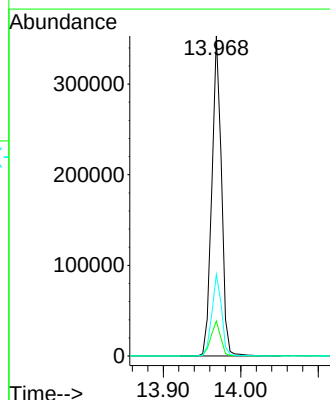
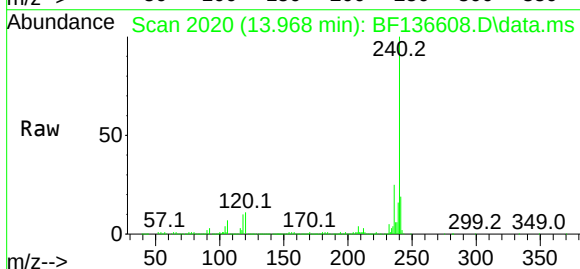
Tgt Ion:240 Resp: 304233

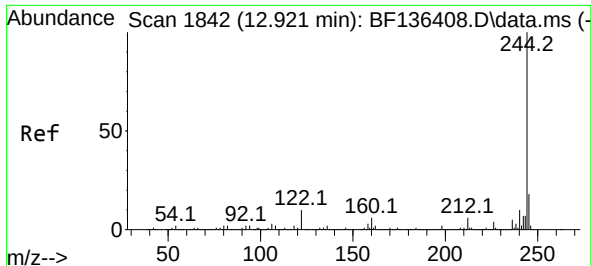
Ion Ratio Lower Upper

240 100

120 10.9 7.3 10.9#

236 25.5 21.3 31.9

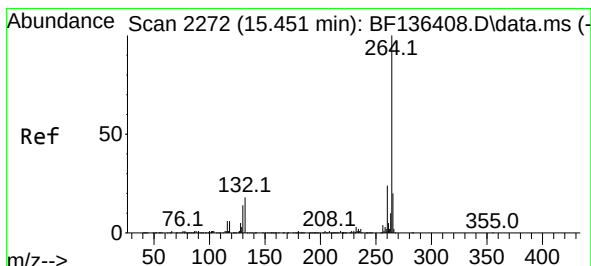
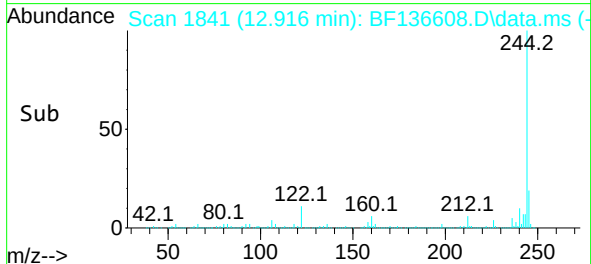
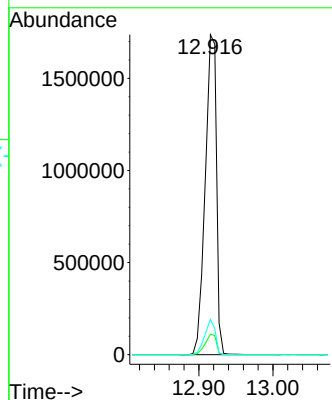
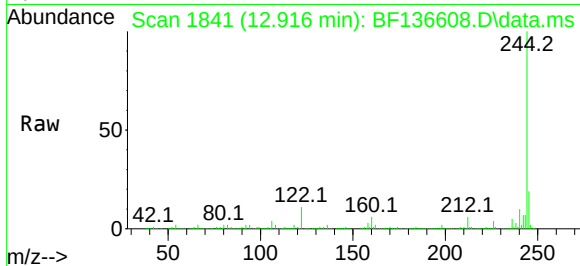




#79
 Terphenyl-d14
 Concen: 79.756 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF136608.D
 Acq: 18 Dec 2023 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB157718BL

Tgt Ion:244 Resp: 1840945
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF136608.D
 Acq: 18 Dec 2023 11:46

Tgt Ion:264 Resp: 263399
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.4 15.9 23.9

