

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136706.D
 Acq On : 23 Dec 2023 02:14
 Operator : CG\JU
 Sample : 05970-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-12202023

Quant Time: Dec 23 03:45:16 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	61378	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	194764	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	79048	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	154324	20.000	ng	0.00
76) Chrysene-d12	13.963	240	133345	20.000	ng	0.00
86) Perylene-d12	15.445	264	88534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	78125	19.860	ng	0.00
7) Phenol-d6	6.428	99	90892	17.832	ng	-0.01
23) Nitrobenzene-d5	7.340	82	50324	13.222	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	16863	18.113	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	81230	13.821	ng	-0.02
79) Terphenyl-d14	12.898	244	93762	9.826	ng	-0.02

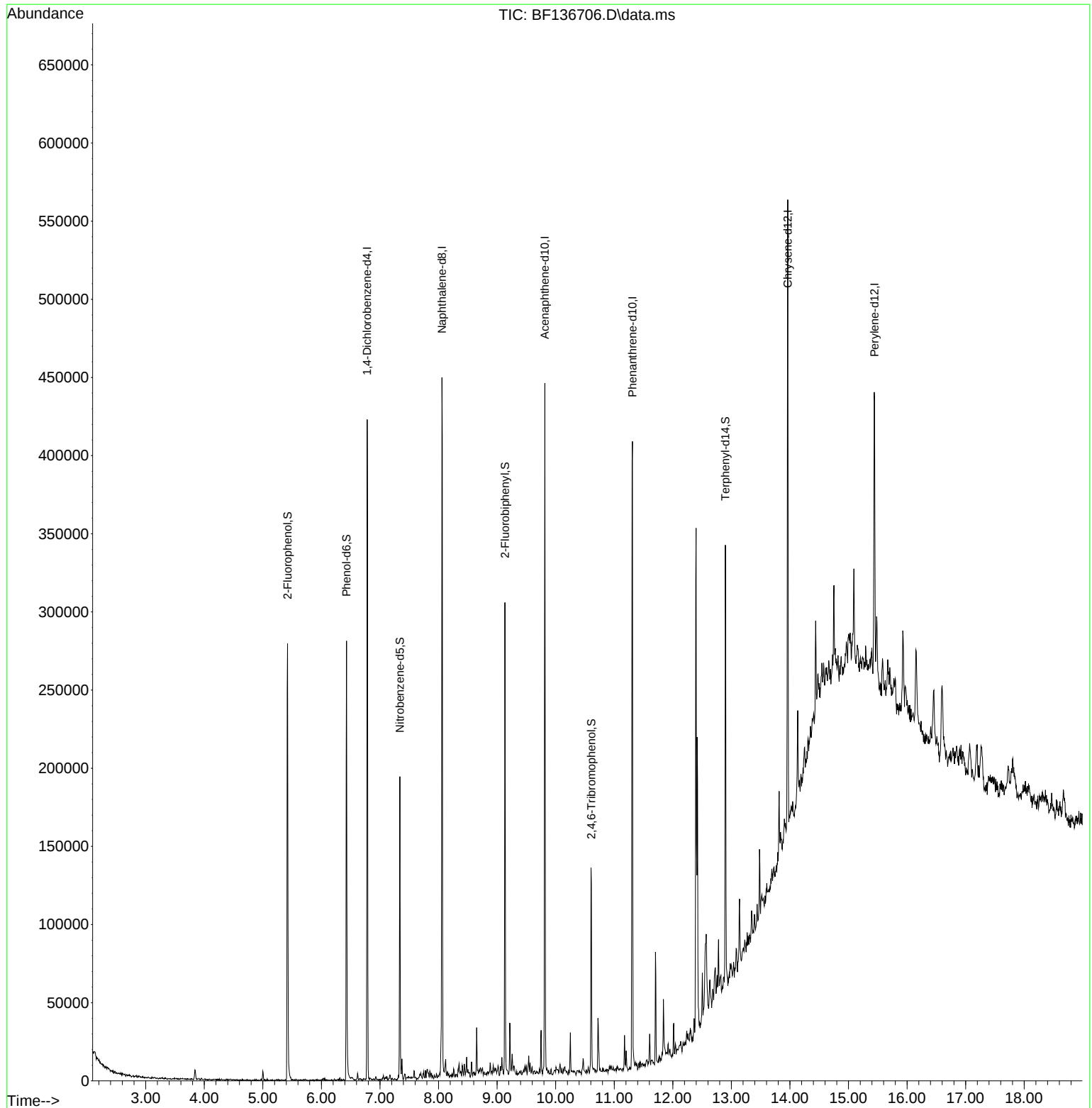
Target Compounds	Qvalue

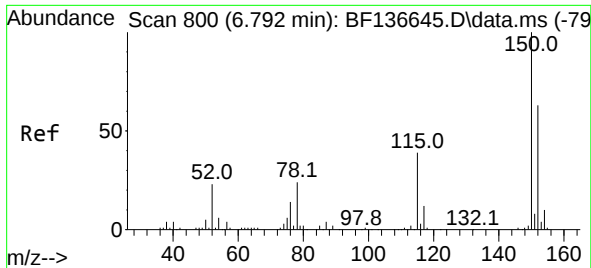
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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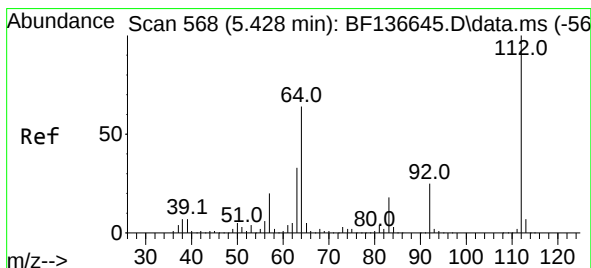
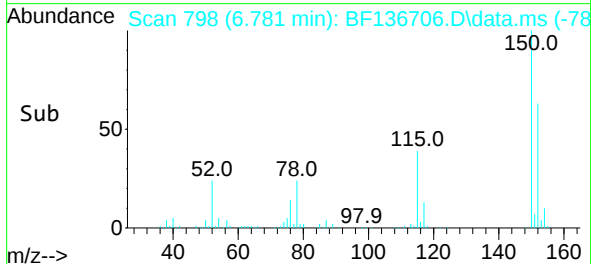
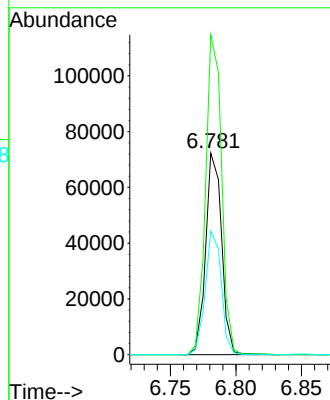
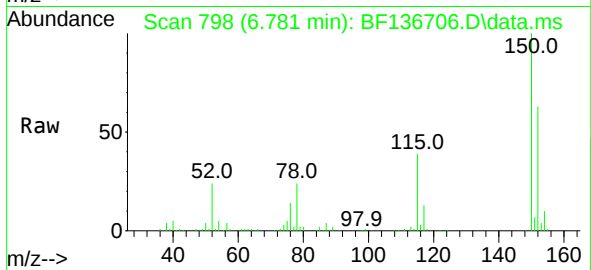




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

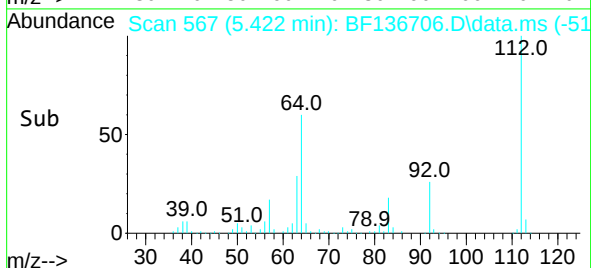
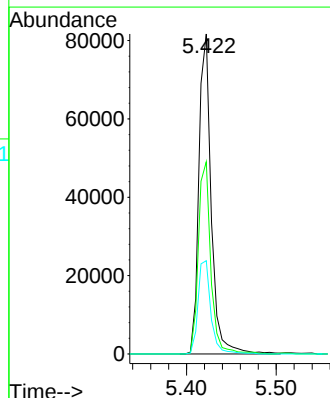
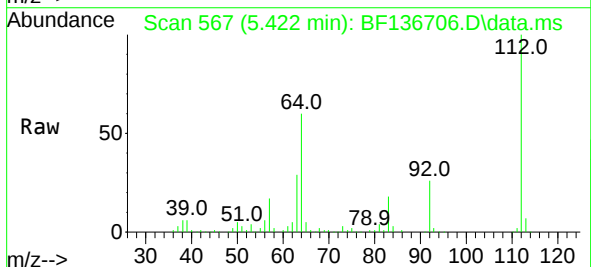
Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

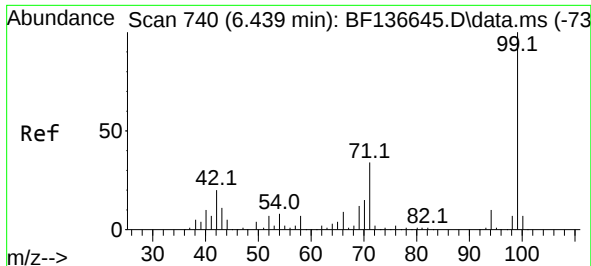
Tgt Ion:152 Resp: 61378
Ion Ratio Lower Upper
152 100
150 158.7 127.0 190.6
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 19.860 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

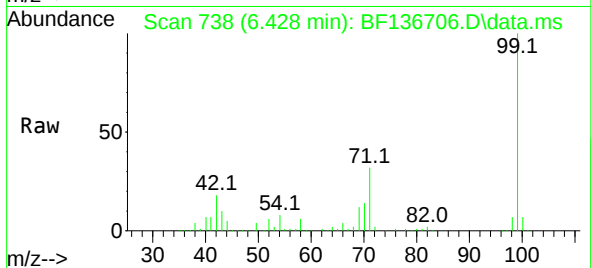
Tgt Ion:112 Resp: 78125
Ion Ratio Lower Upper
112 100
64 60.0 51.1 76.7
63 29.2 26.1 39.1



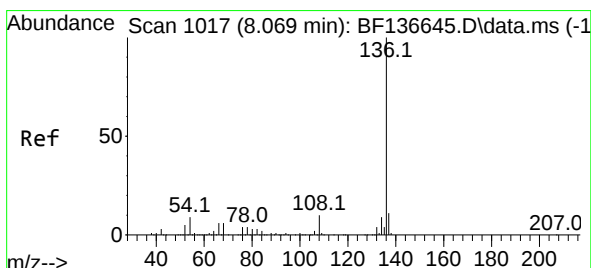
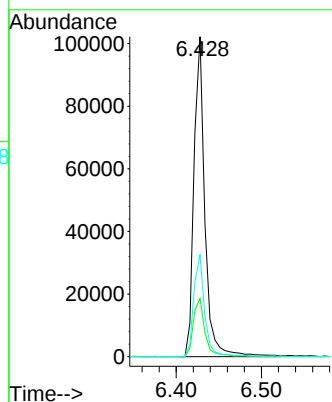
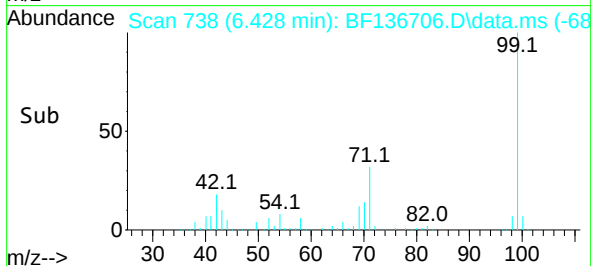


#7
Phenol-d6
Concen: 17.832 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

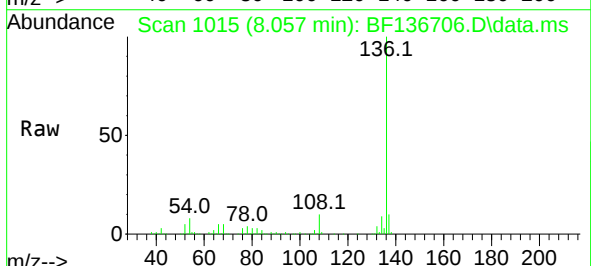
Instrument :
BNA_F
ClientSampleId :
OK-02-12202023



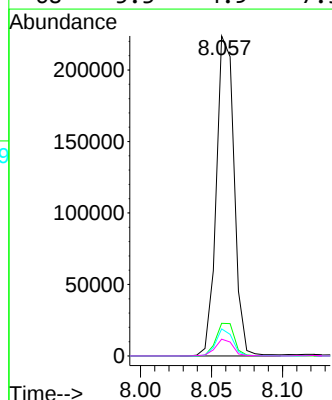
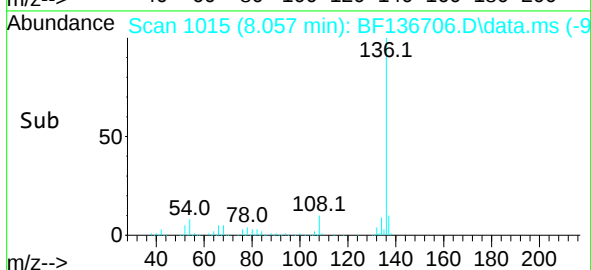
Tgt Ion: 99 Resp: 90892
Ion Ratio Lower Upper
99 100
42 18.2 16.1 24.1
71 31.8 27.4 41.2

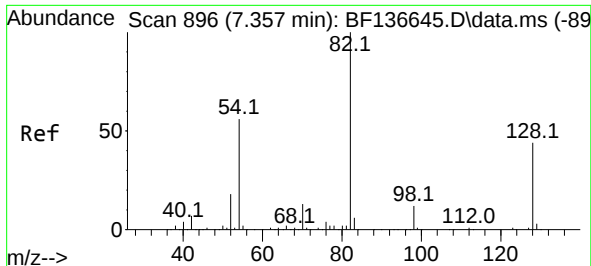


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14



Tgt Ion: 136 Resp: 194764
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 8.5 7.2 10.8
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 13.222 ng

RT: 7.340 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF136706.D

Acq: 23 Dec 2023 02:14

Instrument :

BNA_F

ClientSampleId :

OK-02-12202023

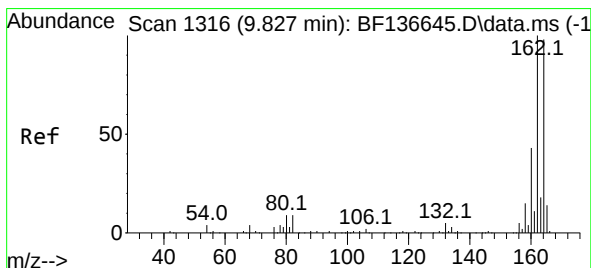
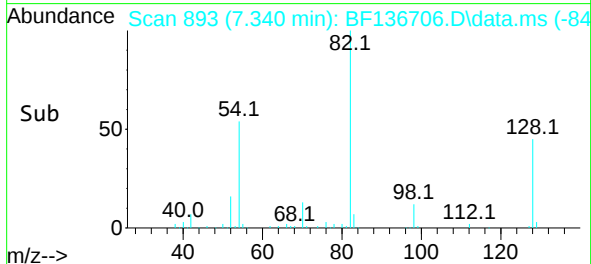
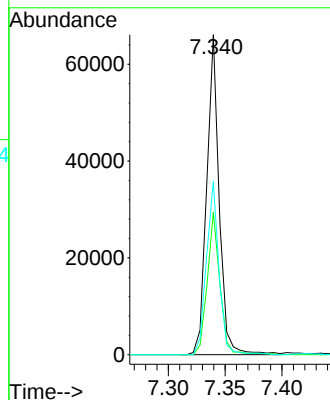
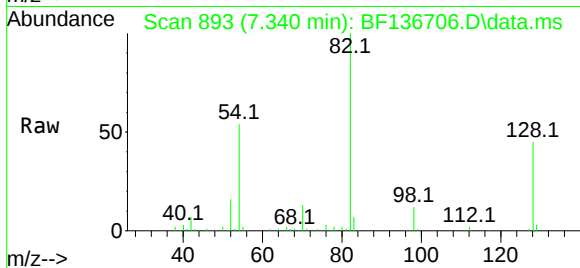
Tgt Ion: 82 Resp: 50324

Ion Ratio Lower Upper

82 100

128 44.6 35.3 52.9

54 54.2 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: BF136706.D

Acq: 23 Dec 2023 02:14

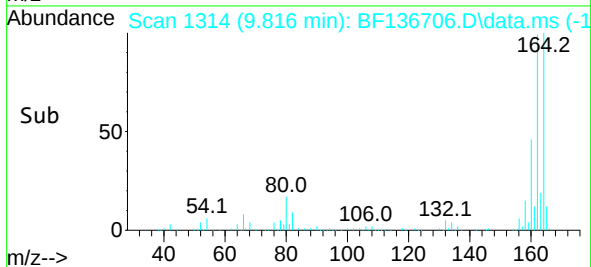
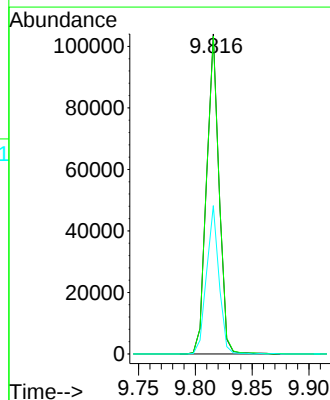
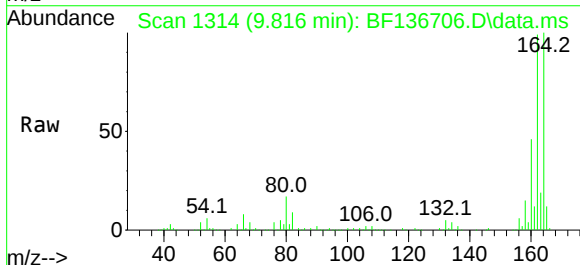
Tgt Ion:164 Resp: 79048

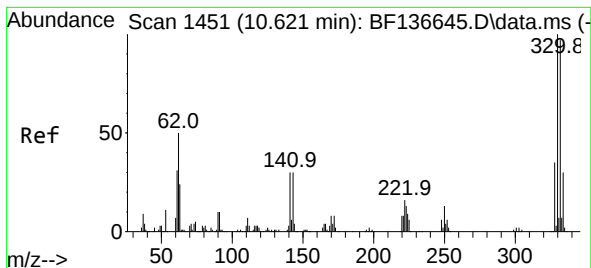
Ion Ratio Lower Upper

164 100

162 99.3 81.6 122.4

160 46.3 34.9 52.3

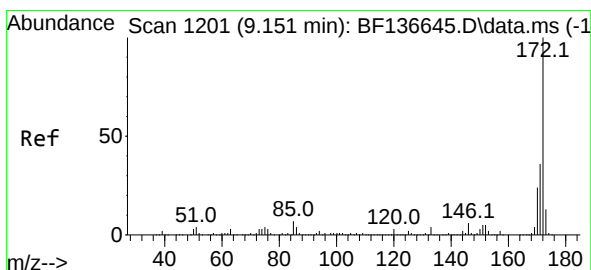
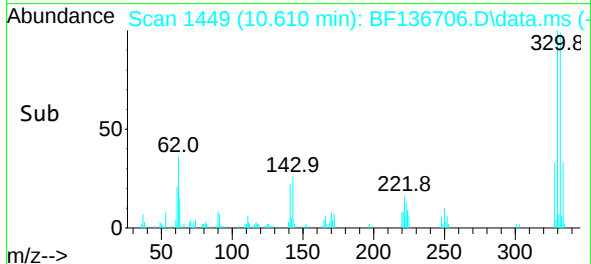
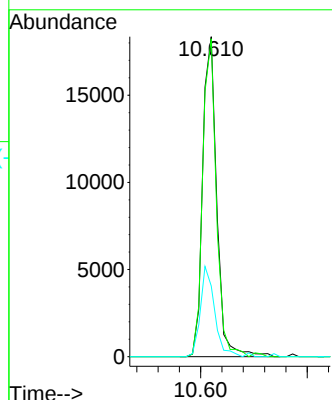
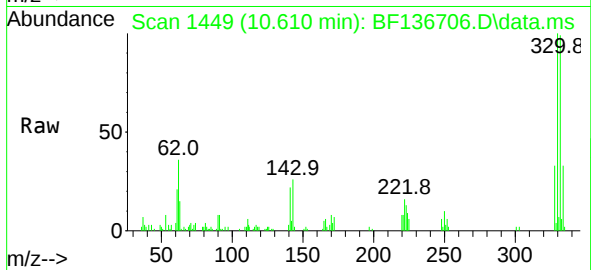




#42
2,4,6-Tribromophenol
Concen: 18.113 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

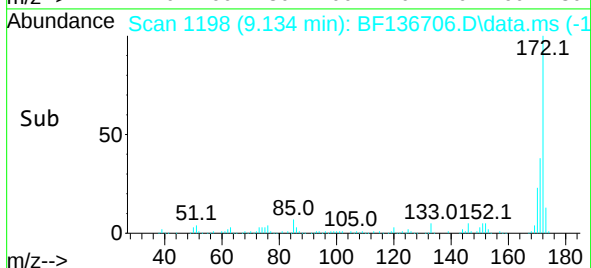
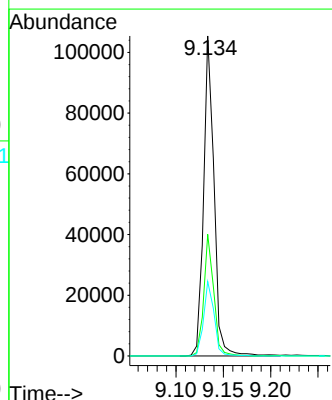
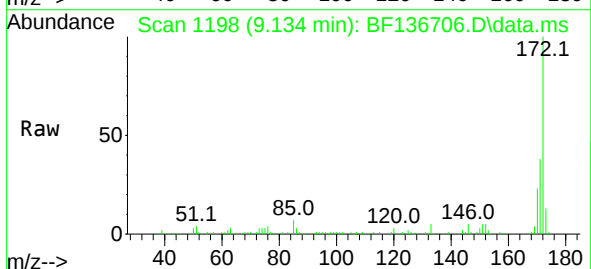
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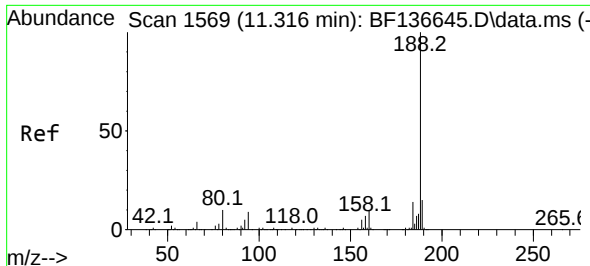
Tgt Ion: 330 Resp: 16863
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 28.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 13.821 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

Tgt Ion: 172 Resp: 81230
Ion Ratio Lower Upper
172 100
171 38.0 29.0 43.6
170 23.3 19.0 28.4

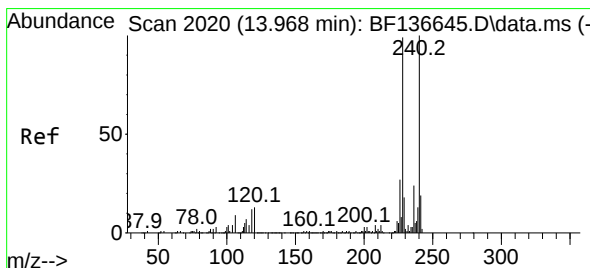
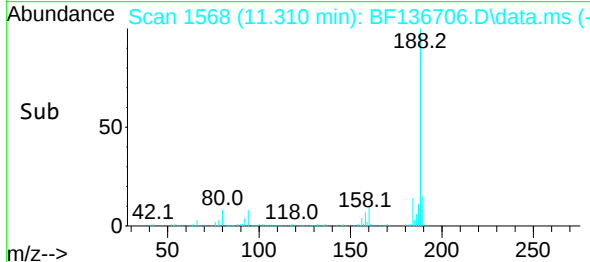
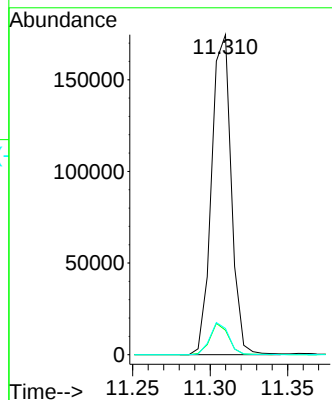
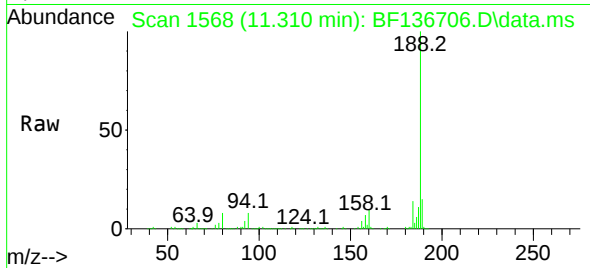




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

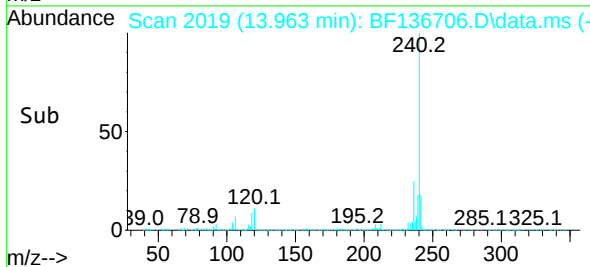
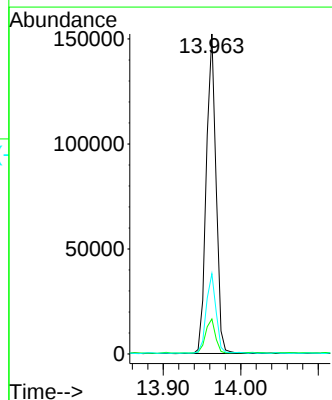
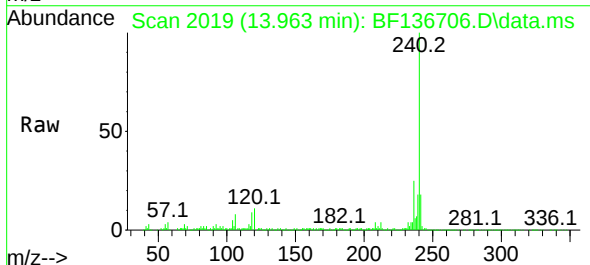
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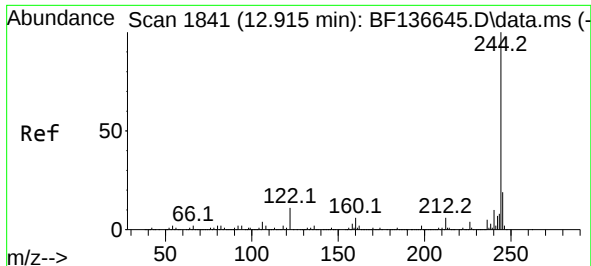
Tgt Ion:188 Resp: 154324
Ion Ratio Lower Upper
188 100
94 7.7 7.5 11.3
80 8.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136706.D
Acq: 23 Dec 2023 02:14

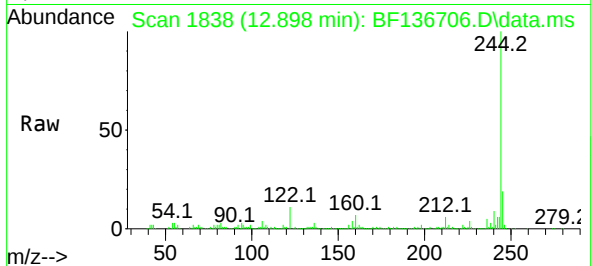
Tgt Ion:240 Resp: 133345
Ion Ratio Lower Upper
240 100
120 11.0 10.3 15.5
236 25.1 19.4 29.2



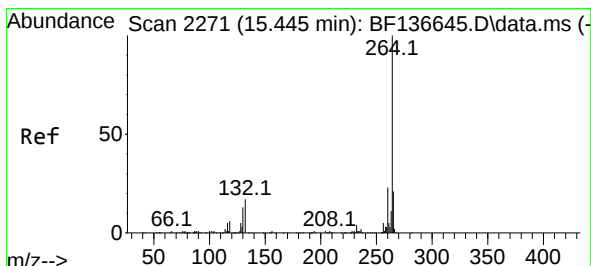
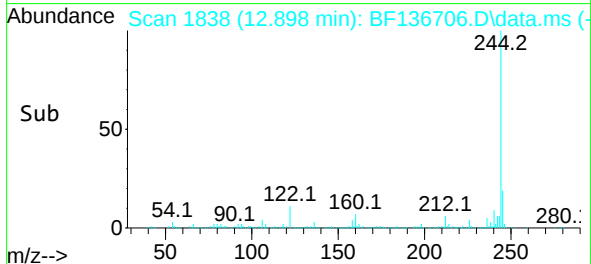
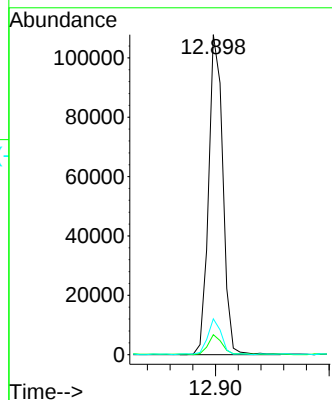


#79
 Terphenyl-d14
 Concen: 9.826 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.017 min
 Lab File: BF136706.D
 Acq: 23 Dec 2023 02:14

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Tgt Ion:244 Resp: 93762
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.2 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: BF136706.D
 Acq: 23 Dec 2023 02:14

Tgt Ion:264 Resp: 88534
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 20.9 17.0 25.6

