

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130199.D
 Acq On : 09 Sep 2022 17:30
 Operator : CG\JU
 Sample : N4549-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-48

Quant Time: Sep 09 23:48:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

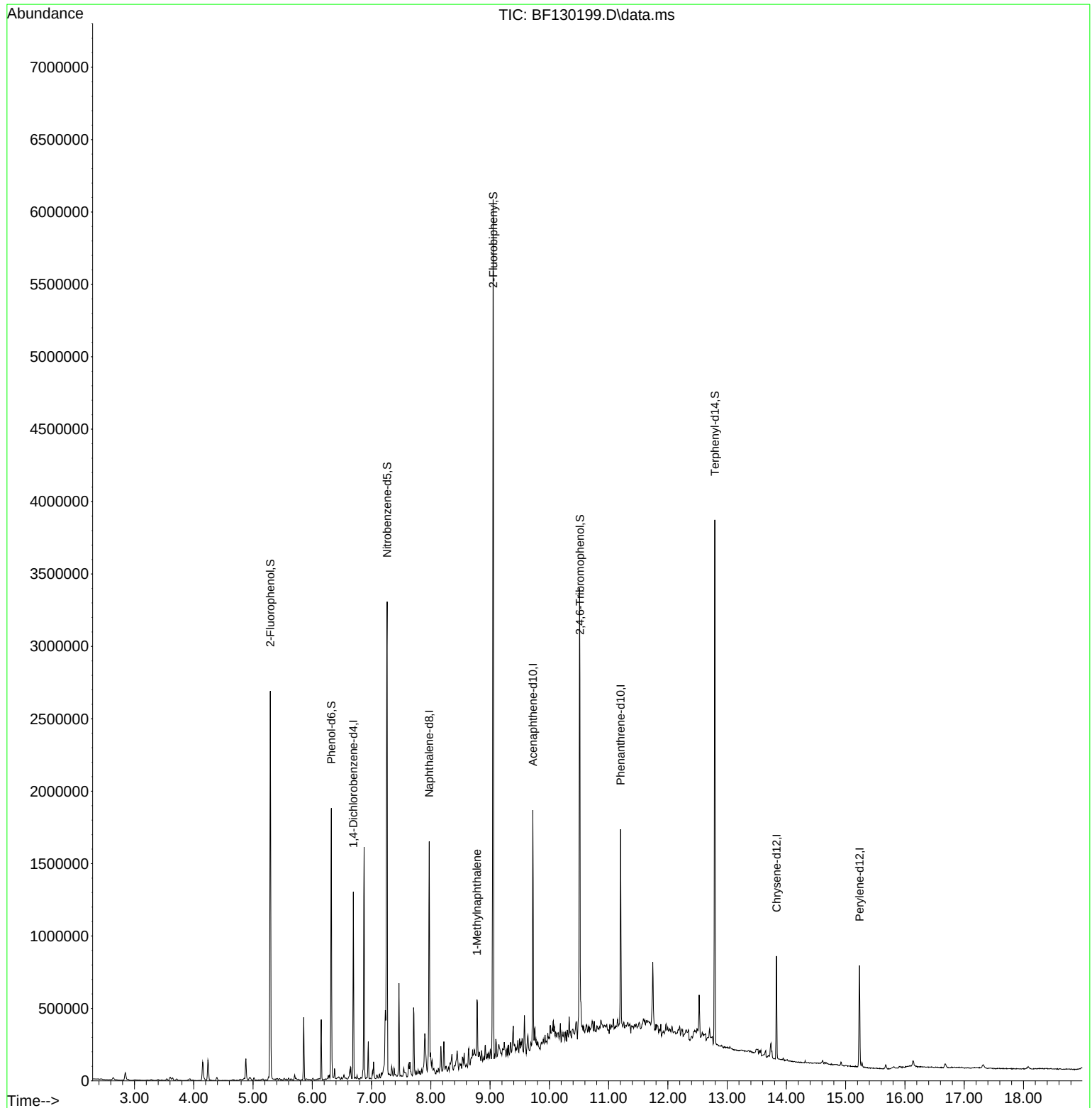
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	169424	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	632939	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	304983	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	440823	20.000	ng	0.00
76) Chrysene-d12	13.833	240	215924	20.000	ng	-0.01
86) Perylene-d12	15.233	264	274079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	749161	75.067	ng	0.00
7) Phenol-d6	6.322	99	589019	47.341	ng	-0.01
23) Nitrobenzene-d5	7.263	82	1069626	108.606	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	417333	150.326	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	1846095	100.358	ng	0.00
79) Terphenyl-d14	12.792	244	1155774	92.822	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	8.781	142	101994	5.103	ng	Qvalue 97

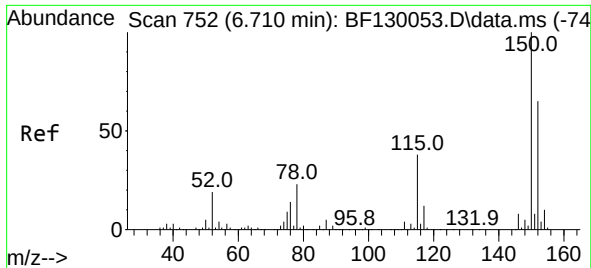
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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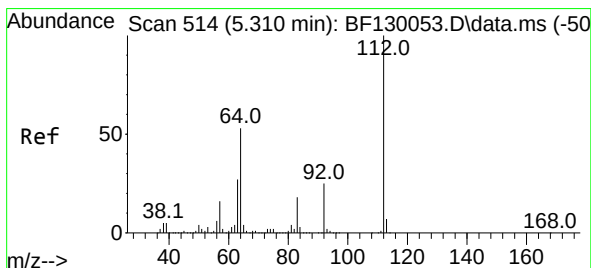
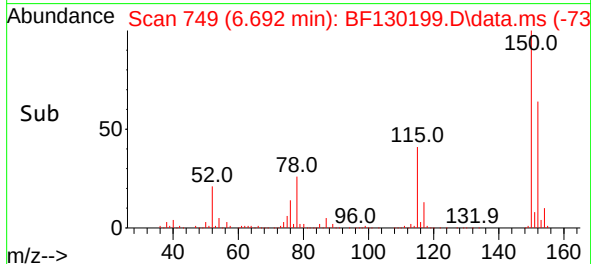
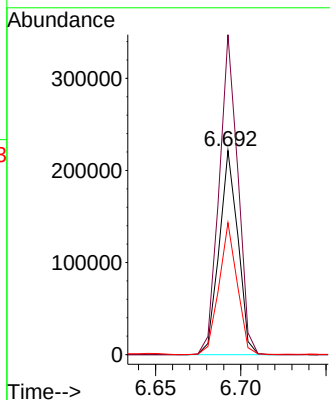
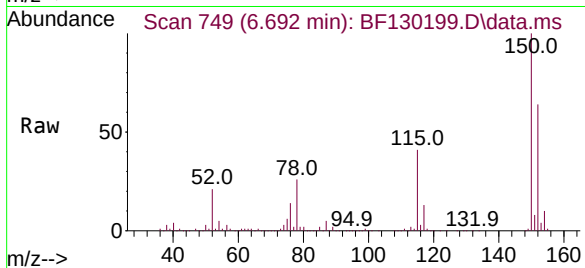




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

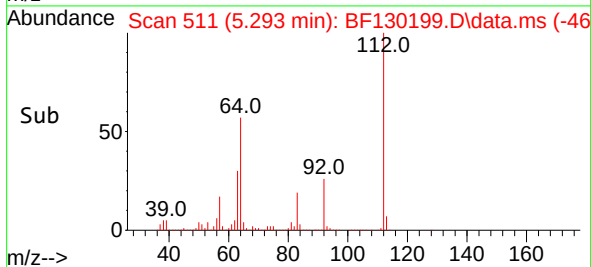
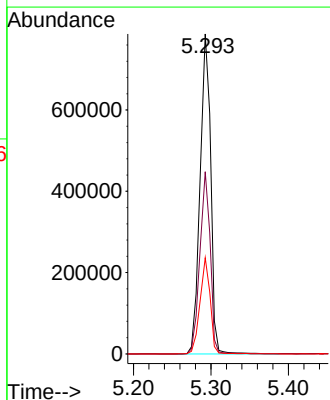
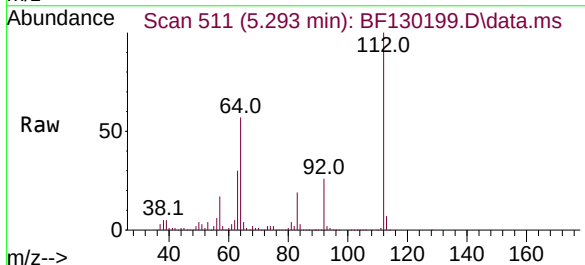
Instrument :
BNA_F
ClientSampleId :
MW-48

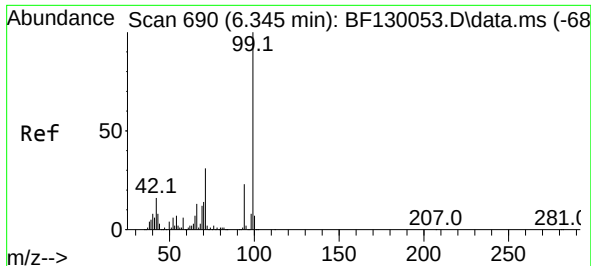
Tgt Ion:152 Resp: 169424
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 64.7 53.4 80.0



#5
2-Fluorophenol
Concen: 75.067 ng
RT: 5.293 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion:112 Resp: 749161
Ion Ratio Lower Upper
112 100
64 56.9 47.6 71.4
63 30.0 24.6 37.0

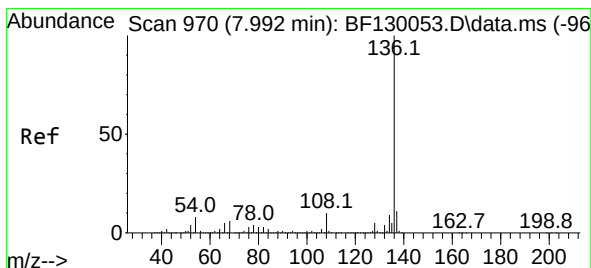
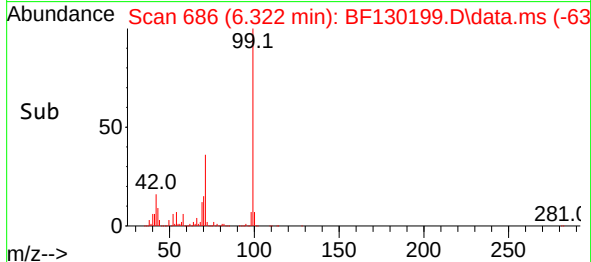
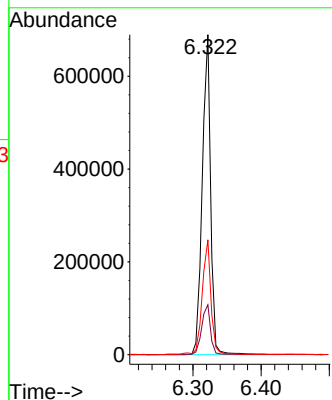
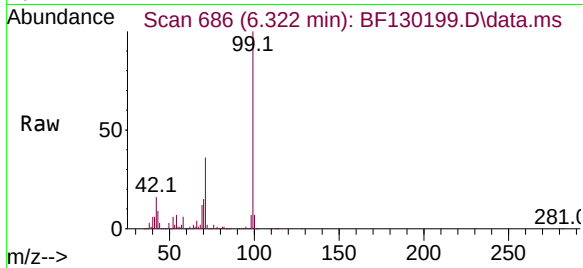




#7
Phenol-d6
Concen: 47.341 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.012 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

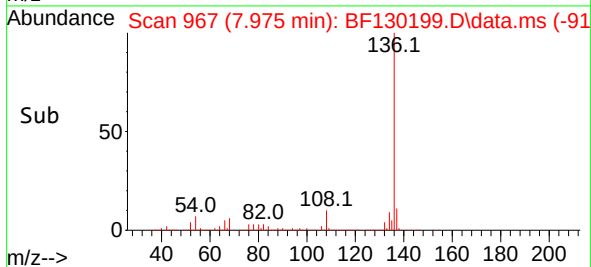
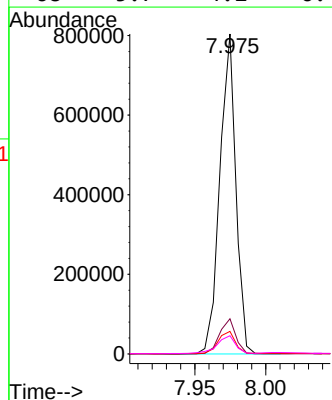
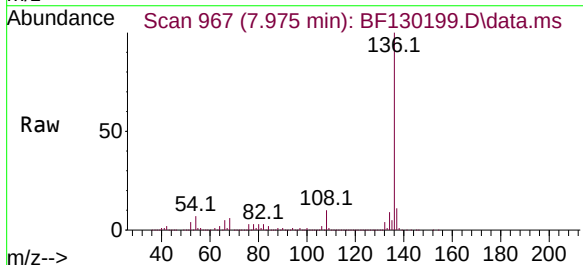
Instrument :
BNA_F
ClientSampleId :
MW-48

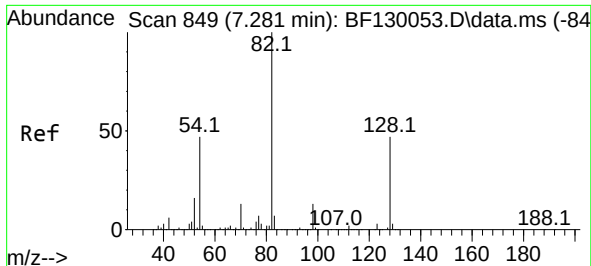
Tgt Ion: 99 Resp: 589019
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.4
71 35.9 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion: 136 Resp: 632939
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.0 6.2 9.2
68 5.7 4.2 6.4

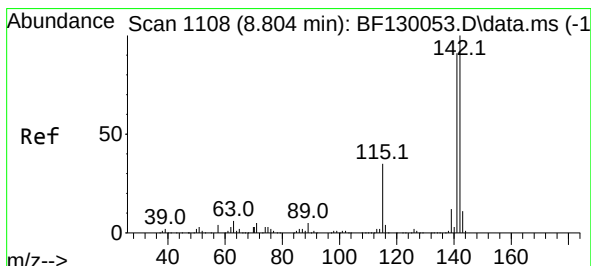
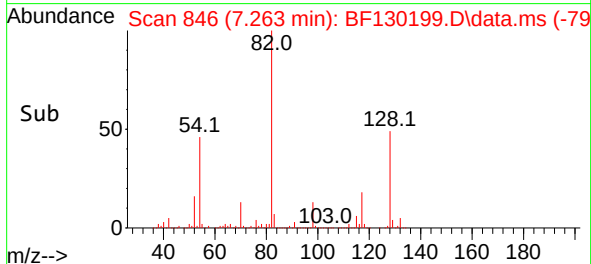
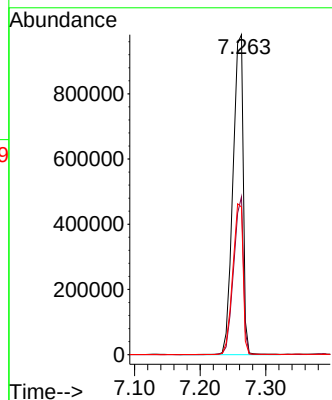
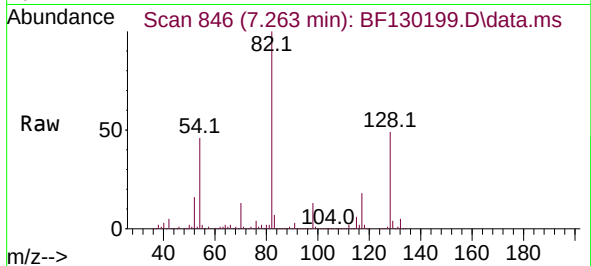




#23
Nitrobenzene-d5
Concen: 108.606 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

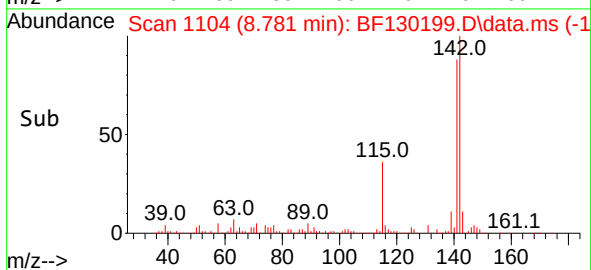
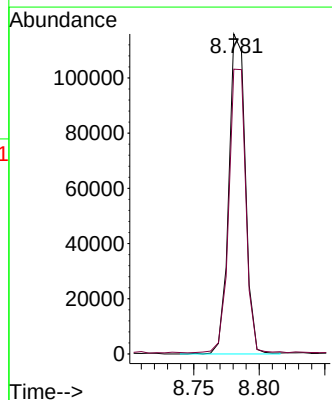
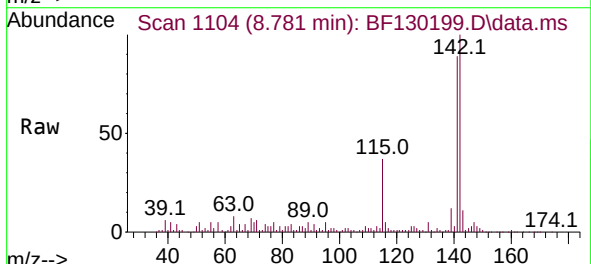
Instrument :
BNA_F
ClientSampleId :
MW-48

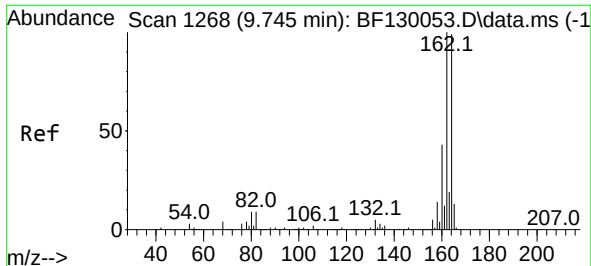
Tgt Ion: 82 Resp: 1069626
Ion Ratio Lower Upper
82 100
128 49.3 36.1 54.1
54 46.1 40.0 60.0



#38
1-Methylnaphthalene
Concen: 5.103 ng
RT: 8.781 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion: 142 Resp: 101994
Ion Ratio Lower Upper
142 100
141 89.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.722 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130199.D

Acq: 09 Sep 2022 17:30

Instrument :

BNA_F

ClientSampleId :

MW-48

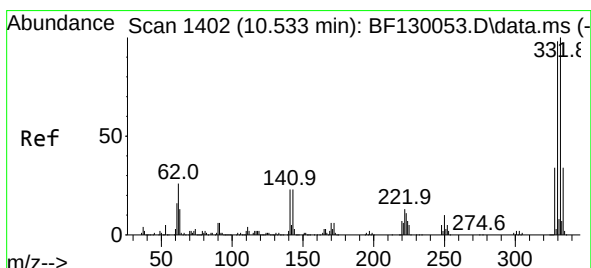
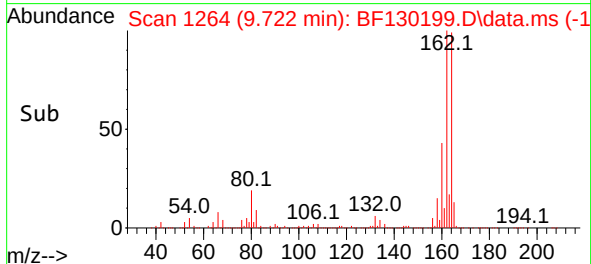
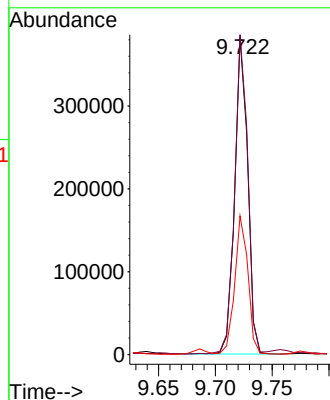
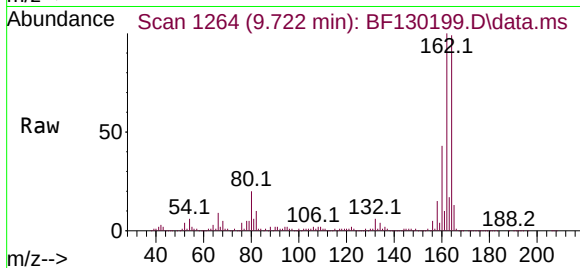
Tgt Ion:164 Resp: 304983

Ion Ratio Lower Upper

164 100

162 101.0 82.0 123.0

160 43.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 150.326 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130199.D

Acq: 09 Sep 2022 17:30

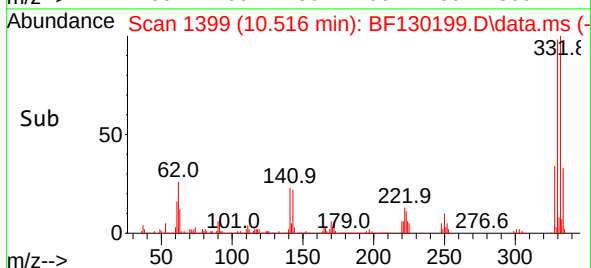
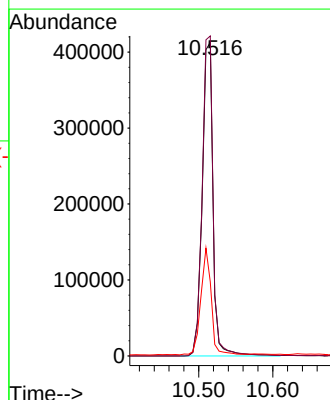
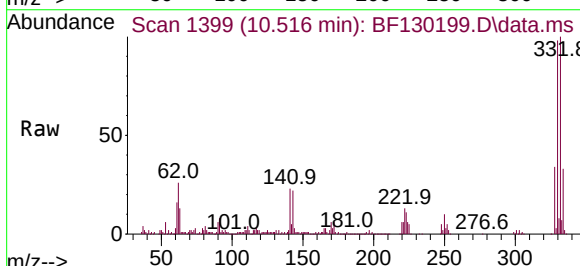
Tgt Ion:330 Resp: 417333

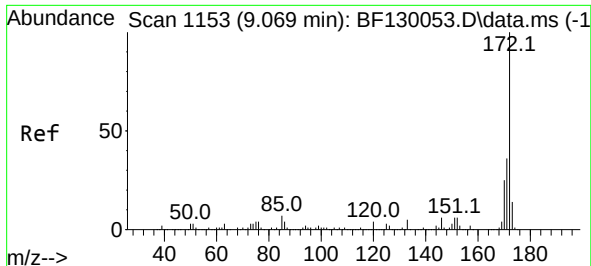
Ion Ratio Lower Upper

330 100

332 103.1 82.6 124.0

141 32.6 27.6 41.4

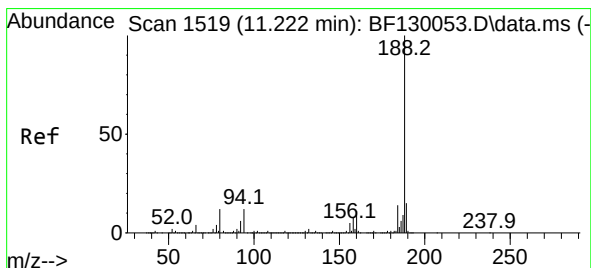
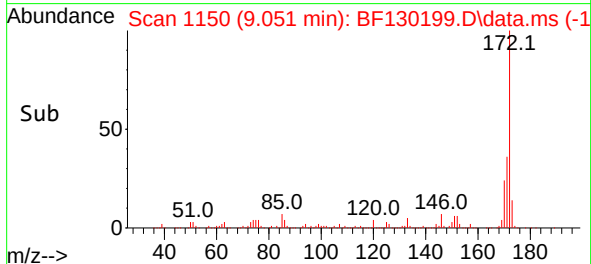
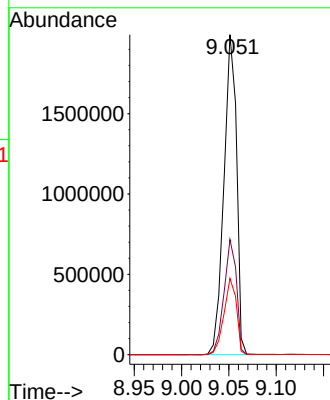
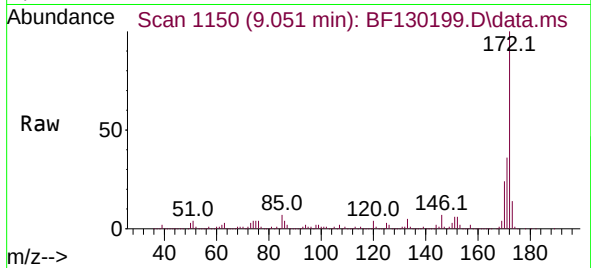




#45
2-Fluorobiphenyl
Concen: 100.358 ng
RT: 9.051 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

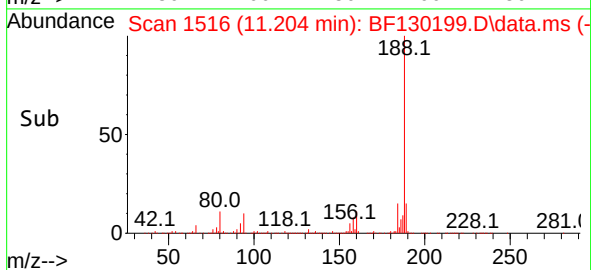
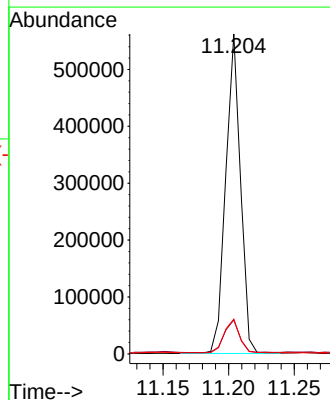
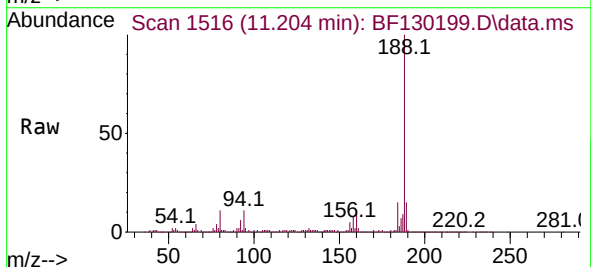
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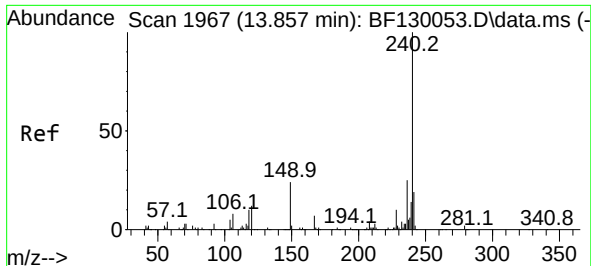
Tgt Ion:172 Resp: 1846095
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.8 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion:188 Resp: 440823
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 10.9 7.9 11.9

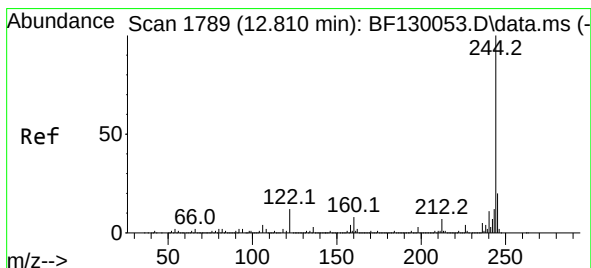
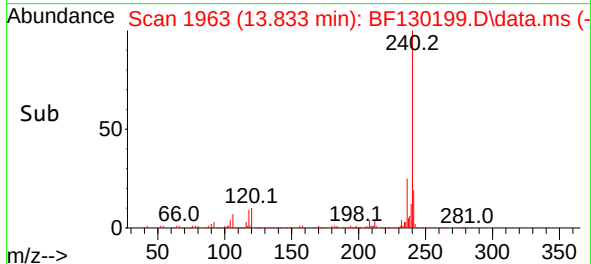
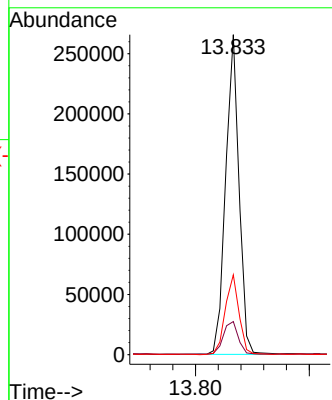
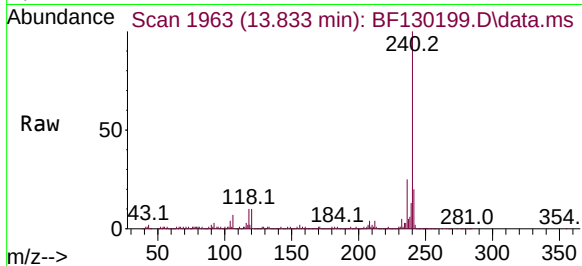




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

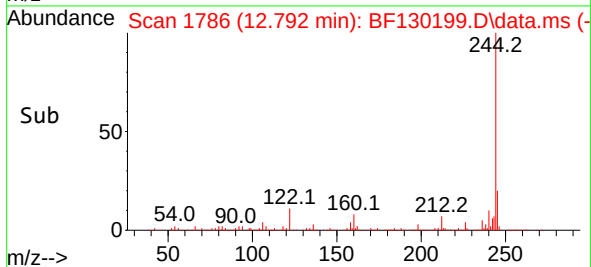
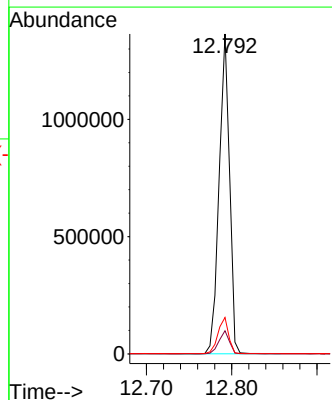
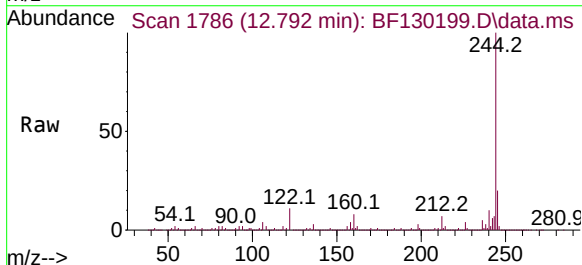
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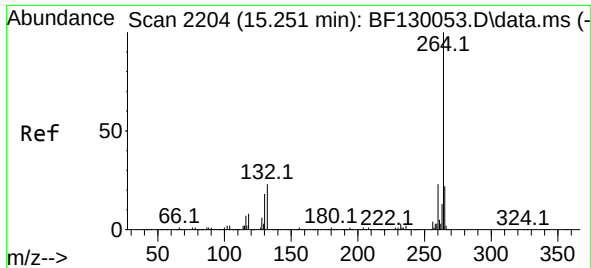
Tgt Ion:240 Resp: 215924
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 24.9 20.7 31.1



#79
Terphenyl-d14
Concen: 92.822 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion:244 Resp: 1155774
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.4 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130199.D
 Acq: 09 Sep 2022 17:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-48

Tgt Ion:264 Resp: 274079
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.6 16.7 25.1

