

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135818.D
 Acq On : 17 Oct 2023 18:26
 Operator : CG\JU
 Sample : 04723-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5B

Quant Time: Oct 18 02:00:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

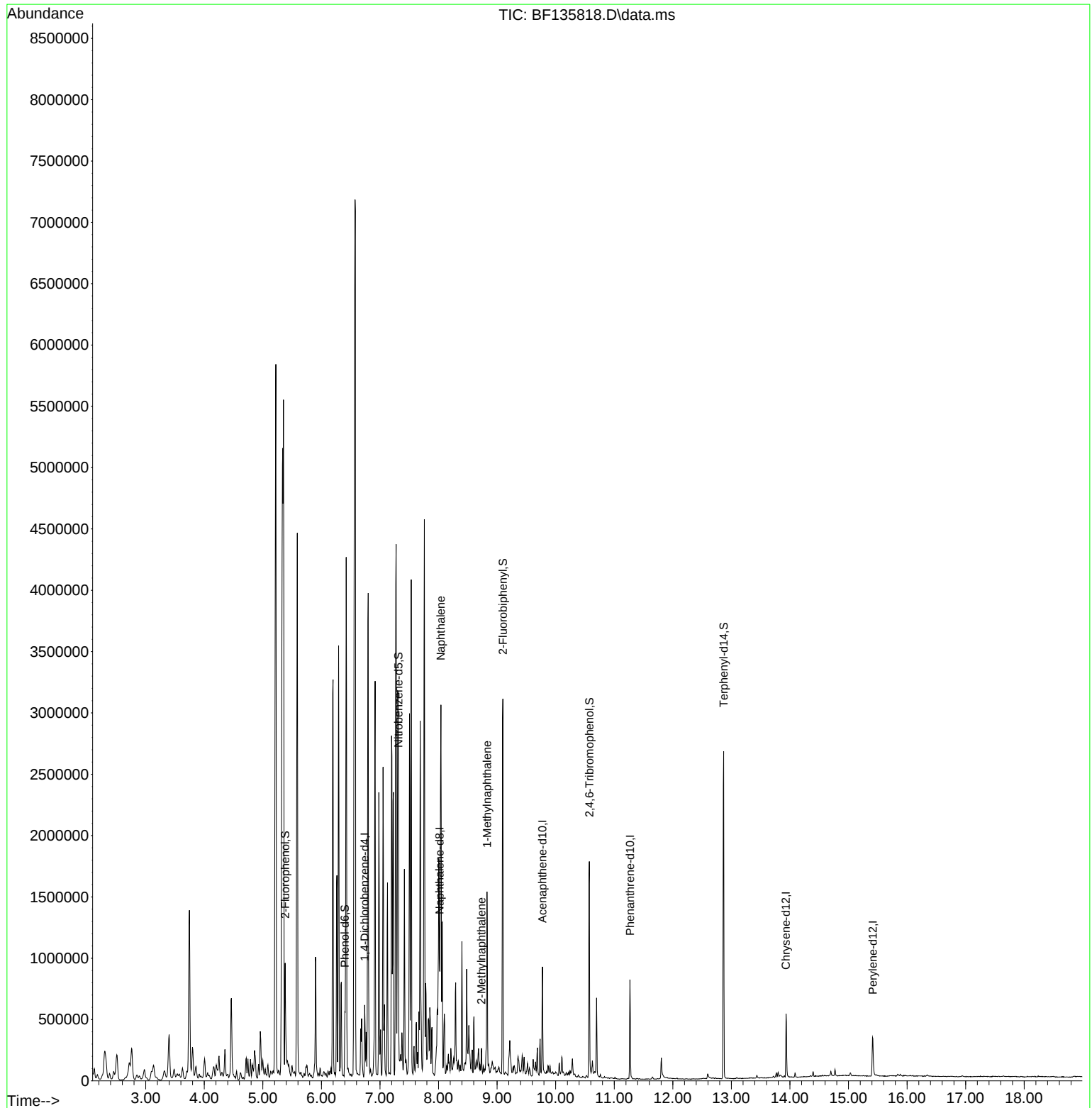
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	82355	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	301192	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	152339	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	299651	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	185434	20.000	ng	-0.02
86) Perylene-d12	15.415	264	164605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	317943	62.070	ng	0.00
7) Phenol-d6	6.398	99	224555	35.134	ng	0.00
23) Nitrobenzene-d5	7.316	82	508345	92.826	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	220563	150.883	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	976443	100.216	ng	0.00
79) Terphenyl-d14	12.869	244	962931	96.167	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.039	128	905219	61.618	ng	97
37) 2-Methylnaphthalene	8.734	142	44006	4.546	ng	99
38) 1-Methylnaphthalene	8.828	142	355354	39.805	ng	98

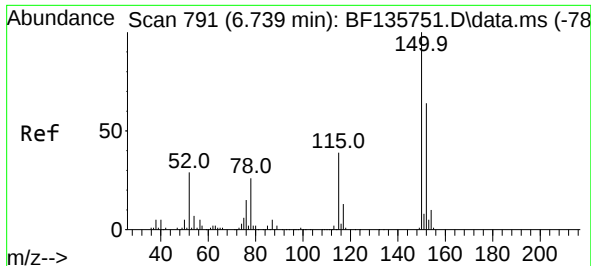
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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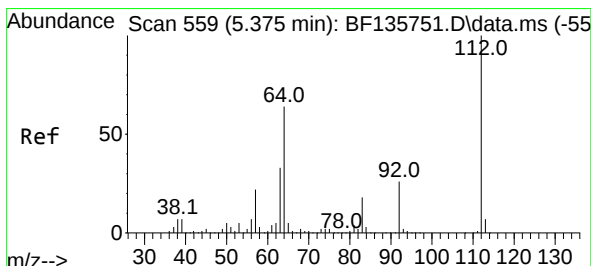
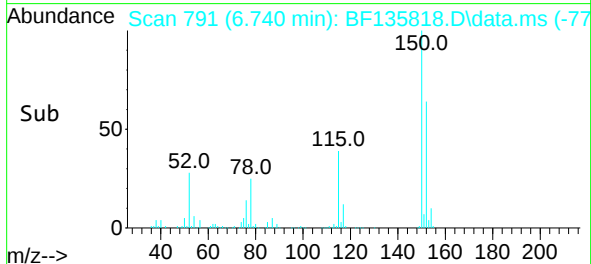
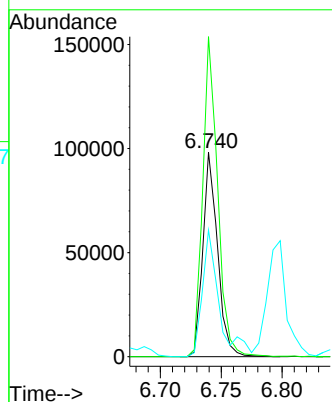
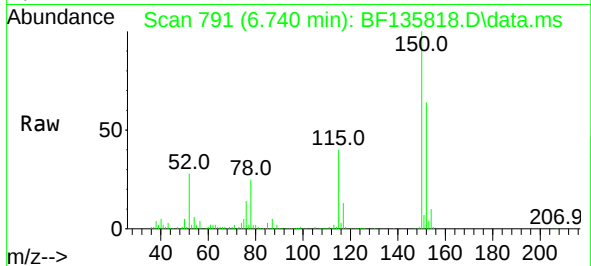




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

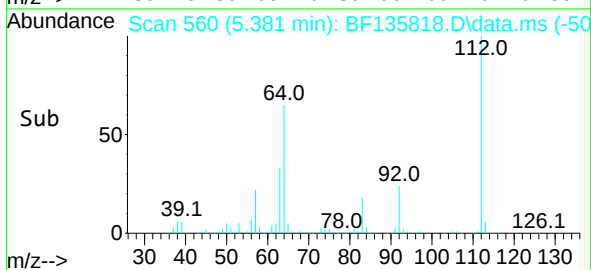
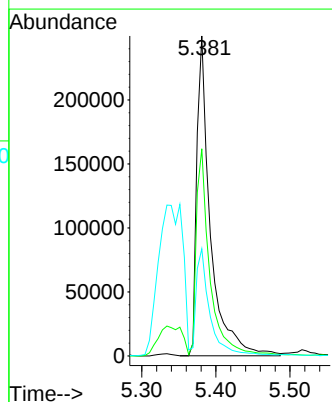
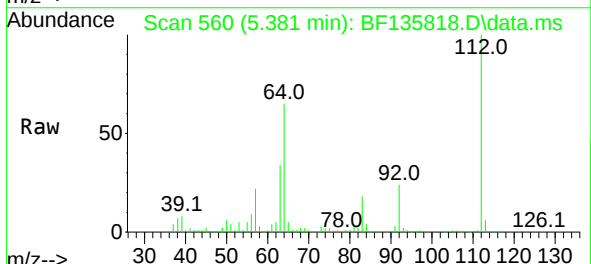
Instrument :
BNA_F
ClientSampleId :
MW-5B

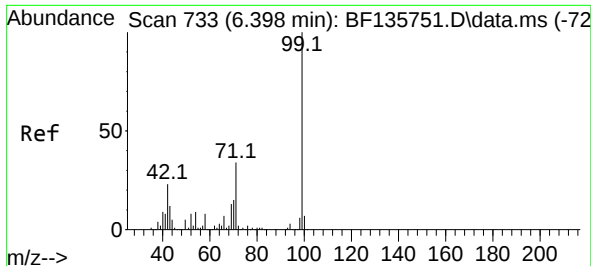
Tgt Ion:152 Resp: 82355
Ion Ratio Lower Upper
152 100
150 156.6 124.5 186.7
115 62.0 49.0 73.4



#5
2-Fluorophenol
Concen: 62.070 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion:112 Resp: 317943
Ion Ratio Lower Upper
112 100
64 64.8 51.2 76.8
63 33.5 26.1 39.1

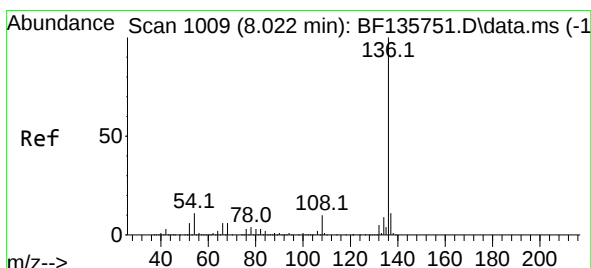
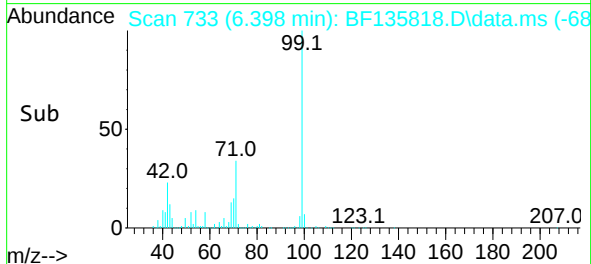
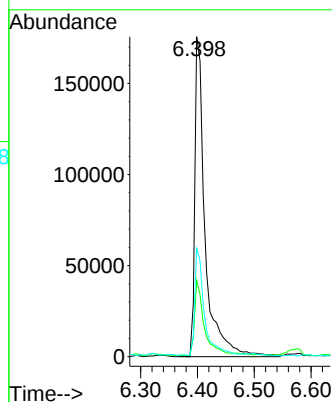
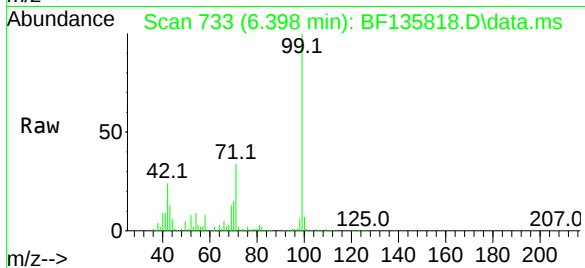




#7
Phenol-d6
Concen: 35.134 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

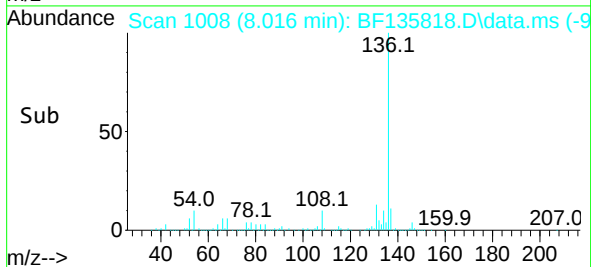
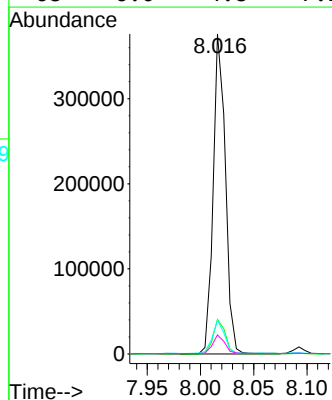
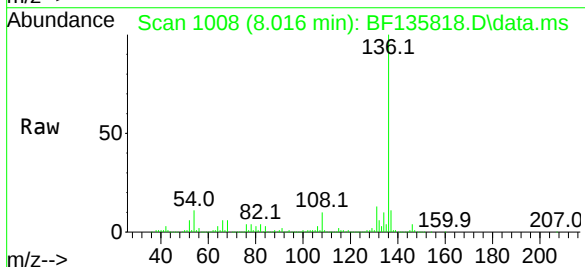
Instrument :
BNA_F
ClientSampleId :
MW-5B

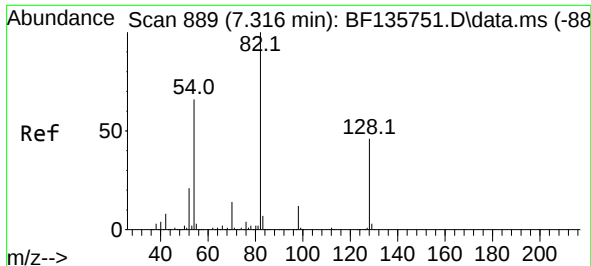
Tgt Ion: 99 Resp: 224555
Ion Ratio Lower Upper
99 100
42 23.8 18.4 27.6
71 33.9 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion:136 Resp: 301192
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.6 8.5 12.7
68 6.0 4.8 7.2

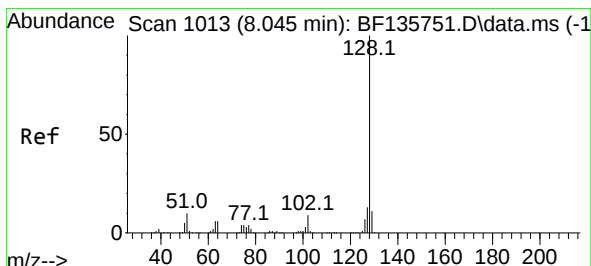
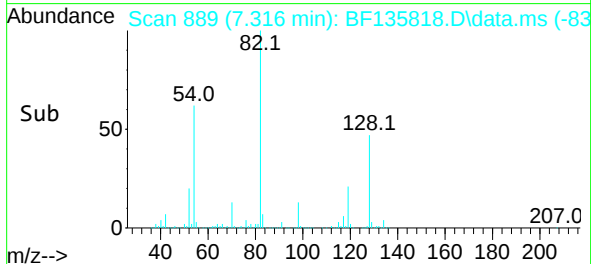
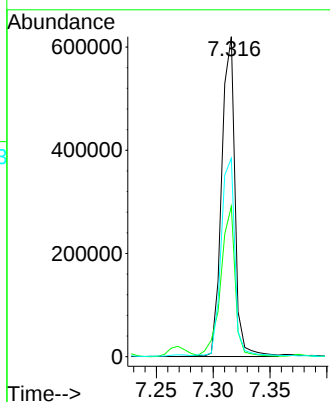
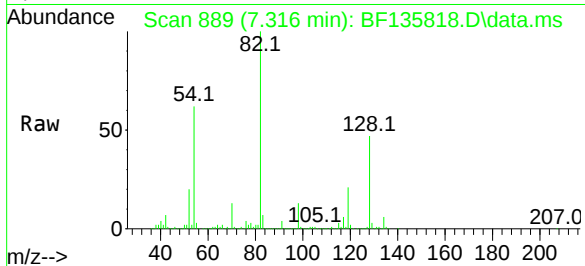




#23
Nitrobenzene-d5
Concen: 92.826 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

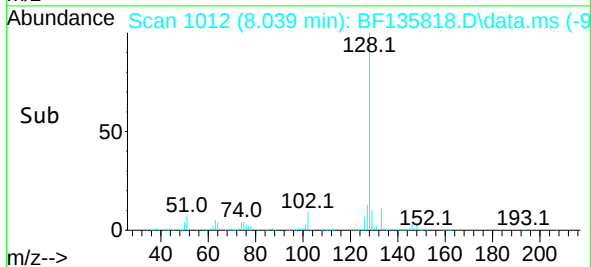
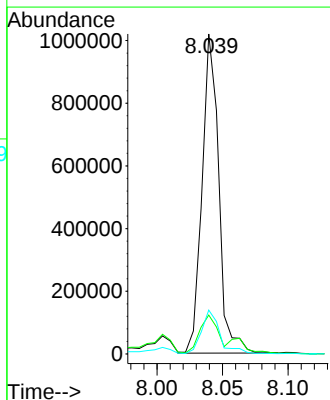
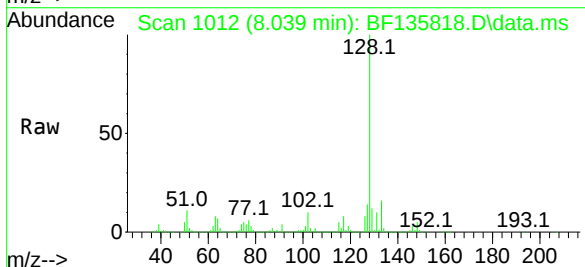
Instrument :
BNA_F
ClientSampleId :
MW-5B

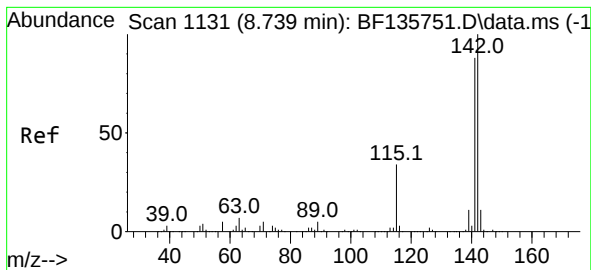
Tgt Ion: 82 Resp: 508345
Ion Ratio Lower Upper
82 100
128 46.9 37.0 55.6
54 62.0 52.8 79.2



#31
Naphthalene
Concen: 61.618 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion: 128 Resp: 905219
Ion Ratio Lower Upper
128 100
129 12.2 8.7 13.1
127 13.7 10.2 15.4





#37

2-Methylnaphthalene

Concen: 4.546 ng

RT: 8.734 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135818.D

Acq: 17 Oct 2023 18:26

Instrument :

BNA_F

ClientSampleId :

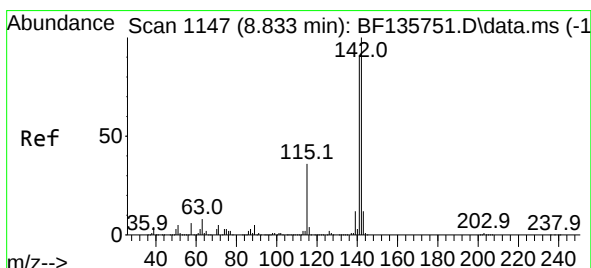
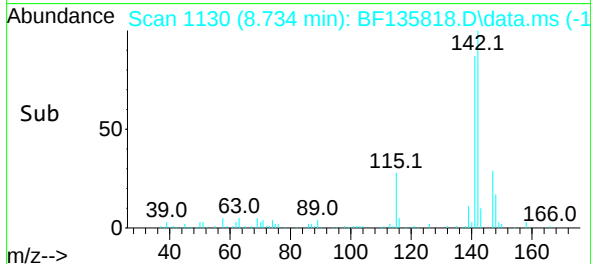
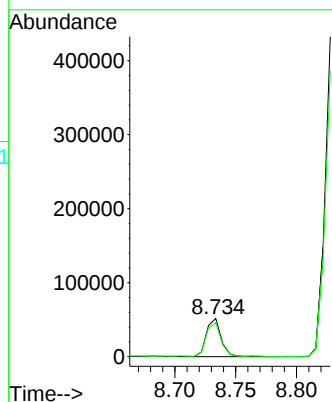
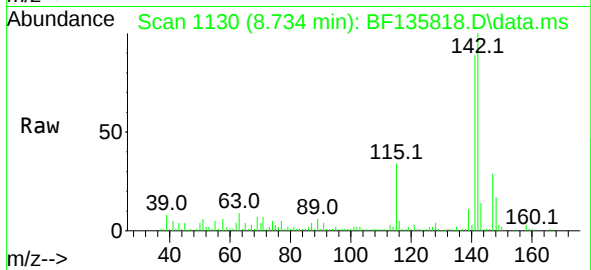
MW-5B

Tgt Ion:142 Resp: 44006

Ion Ratio Lower Upper

142 100

141 88.9 70.6 105.8



#38

1-Methylnaphthalene

Concen: 39.805 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF135818.D

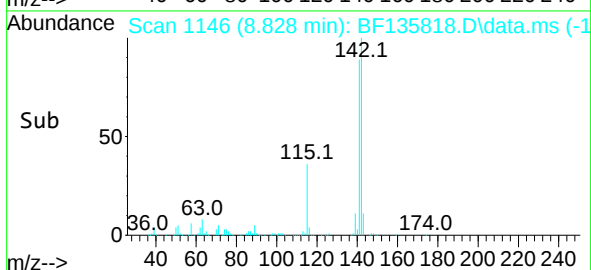
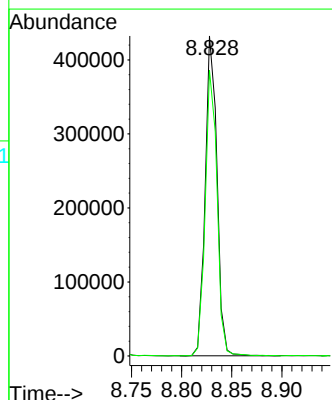
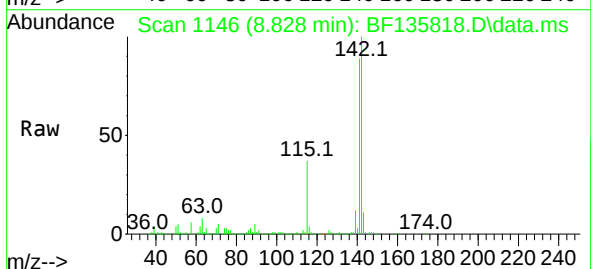
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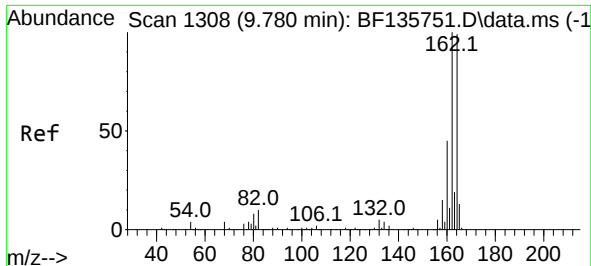
Tgt Ion:142 Resp: 355354

Ion Ratio Lower Upper

142 100

141 89.3 72.7 109.1

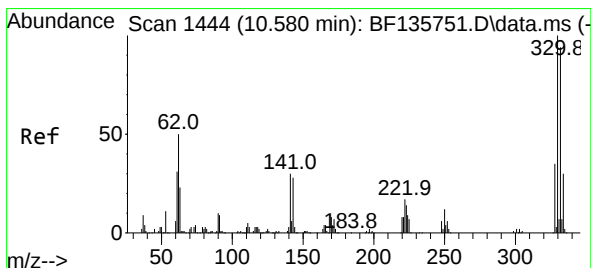
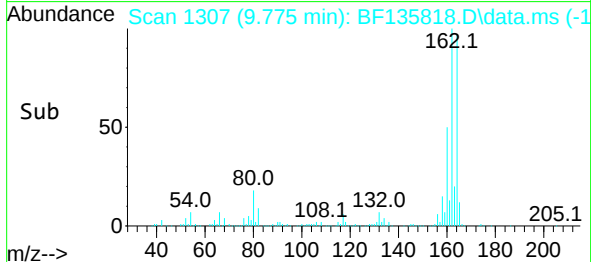
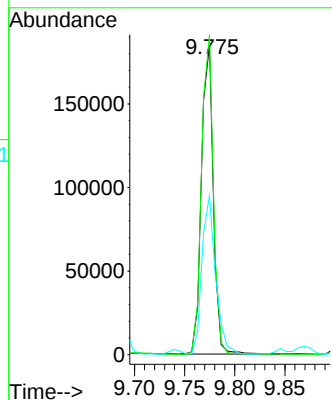
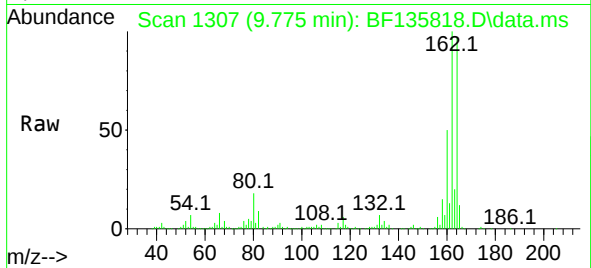




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

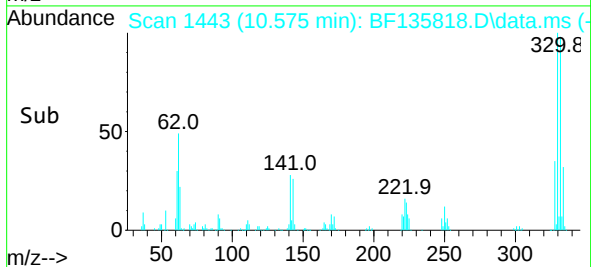
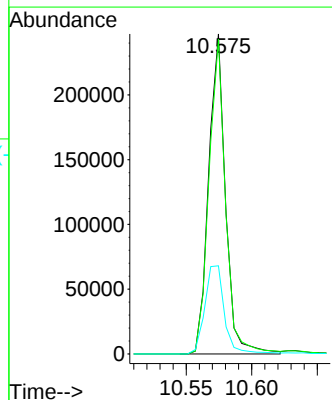
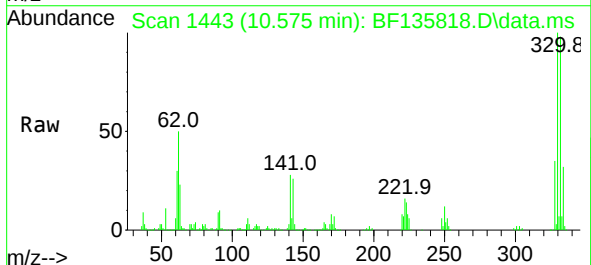
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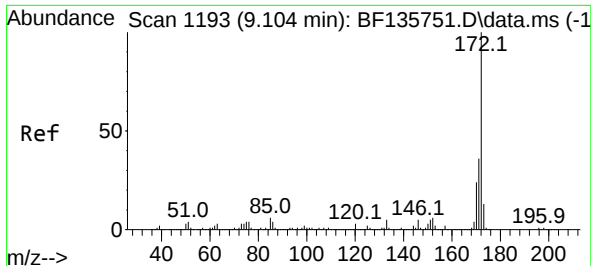
Tgt Ion:164 Resp: 152339
Ion Ratio Lower Upper
164 100
162 103.3 80.8 121.2
160 51.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 150.883 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion:330 Resp: 220563
Ion Ratio Lower Upper
330 100
332 97.6 75.0 112.4
141 32.8 25.8 38.6

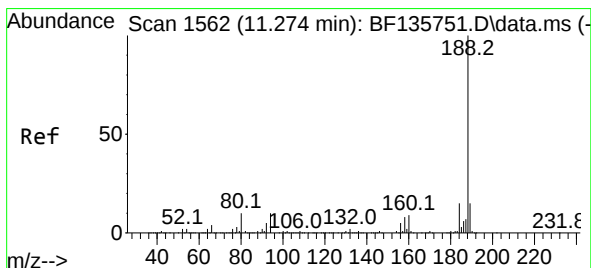
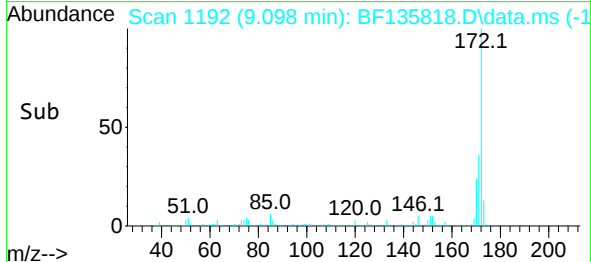
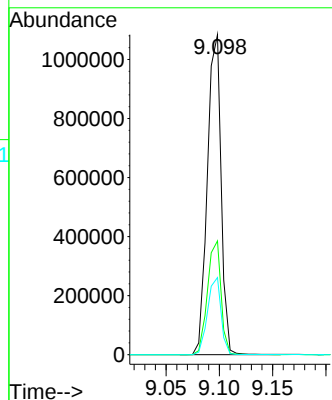
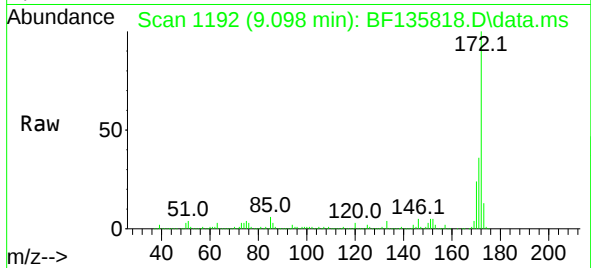




#45
2-Fluorobiphenyl
Concen: 100.216 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

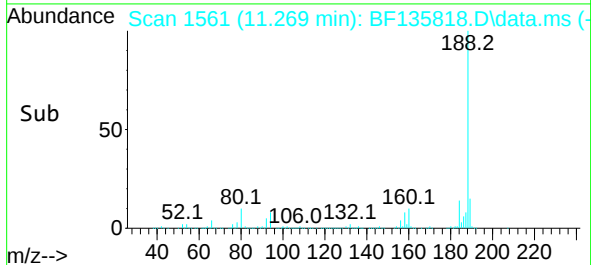
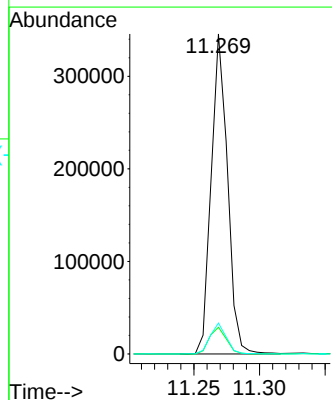
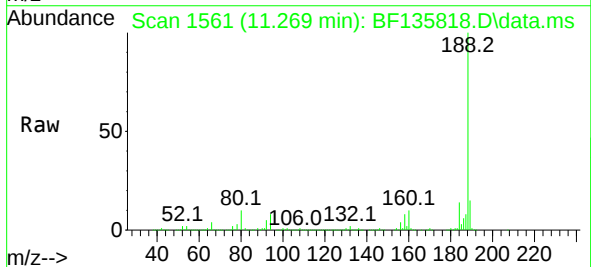
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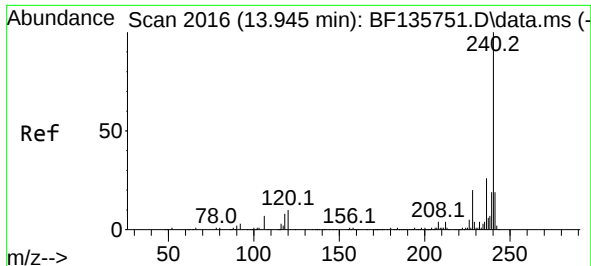
Tgt Ion:172 Resp: 976443
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.1 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion:188 Resp: 299651
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.7 8.3 12.5

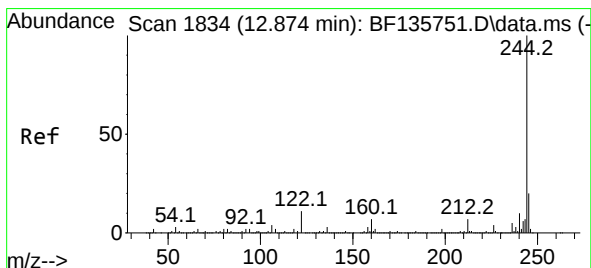
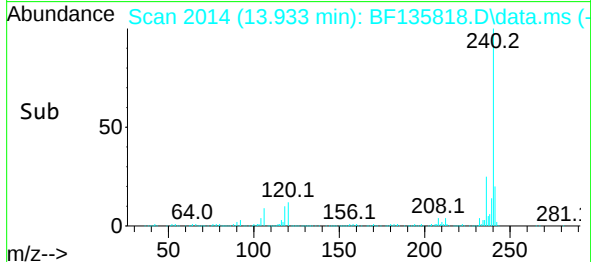
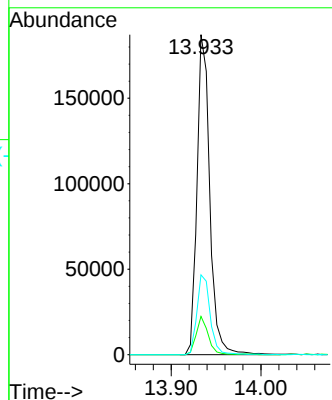
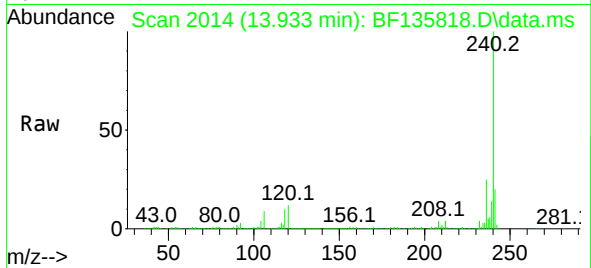




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

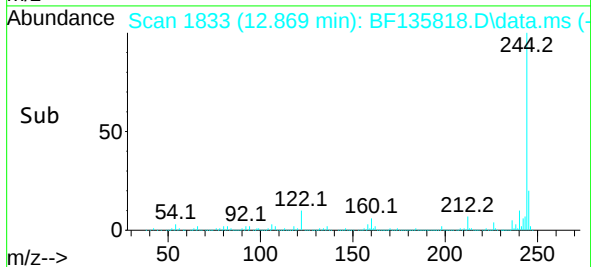
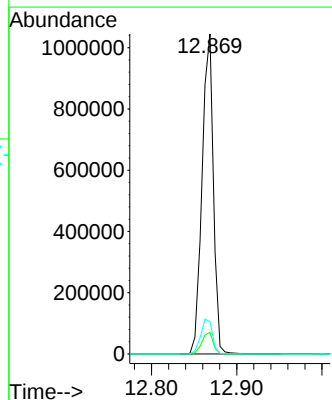
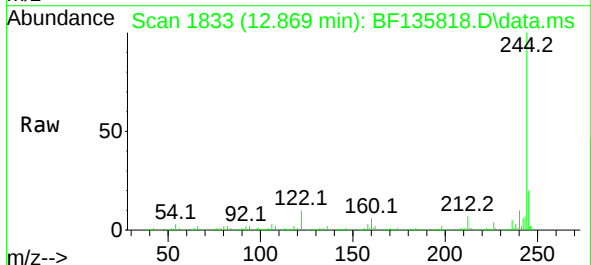
Instrument :
BNA_F
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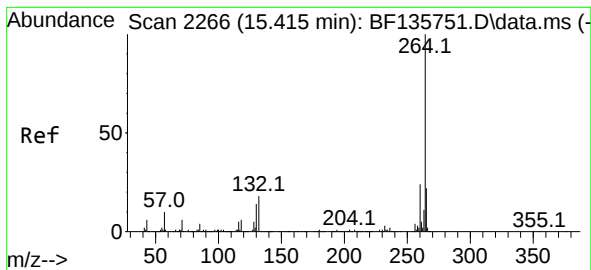
Tgt Ion:240 Resp: 185434
Ion Ratio Lower Upper
240 100
120 12.0 8.2 12.2
236 24.9 21.2 31.8



#79
Terphenyl-d14
Concen: 96.167 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion:244 Resp: 962931
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.1 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135818.D

Acq: 17 Oct 2023 18:26

Instrument :

BNA_F

ClientSampleId :

MW-5B

Tgt Ion:264 Resp: 164605

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 17.4 26.2

