

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135661.D
 Acq On : 09 Oct 2023 20:40
 Operator : CG\JU
 Sample : 04656-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Quant Time: Oct 10 02:27:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	118832	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	454376	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	215738	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	395550	20.000	ng	0.00
76) Chrysene-d12	13.933	240	241023	20.000	ng	0.00
86) Perylene-d12	15.404	264	258043	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	432827	59.241	ng	0.00
7) Phenol-d6	6.387	99	292062	31.437	ng	0.00
23) Nitrobenzene-d5	7.310	82	718536	85.915	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	271069	126.437	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1239432	86.677	ng	0.00
79) Terphenyl-d14	12.869	244	1037968	66.759	ng	0.00

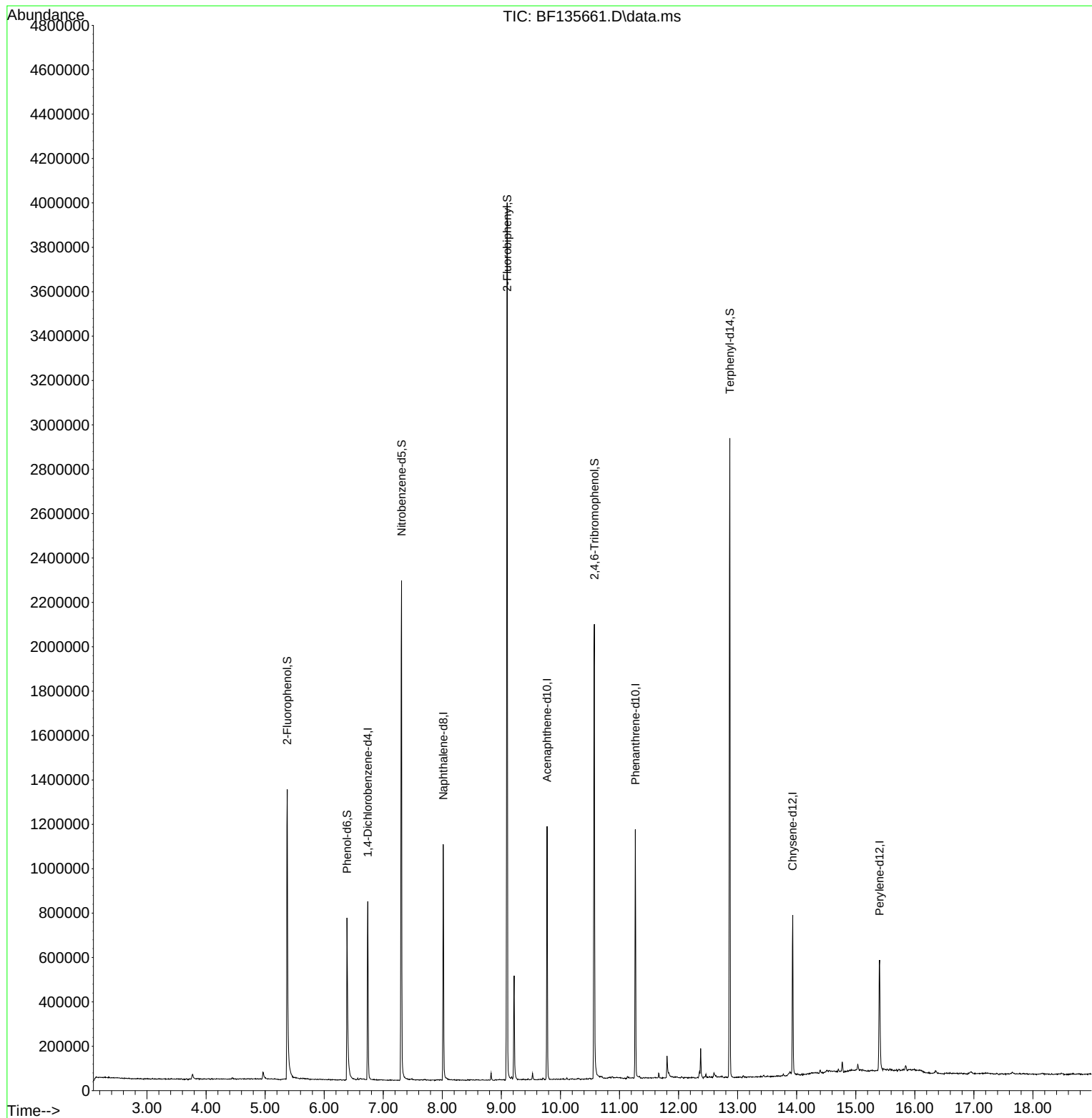
Target Compounds	Qvalue

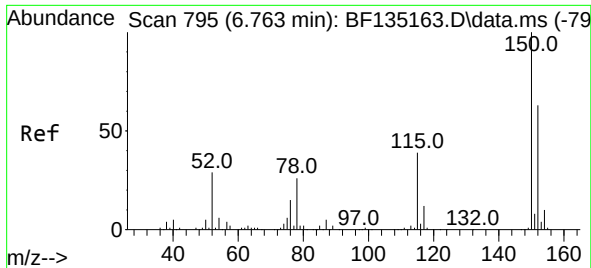
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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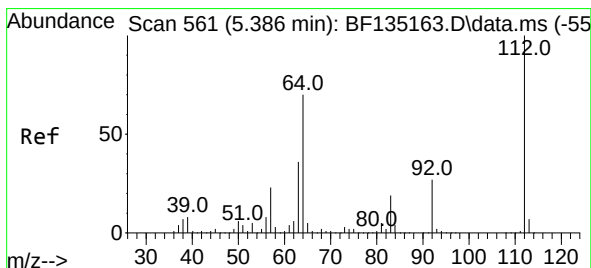
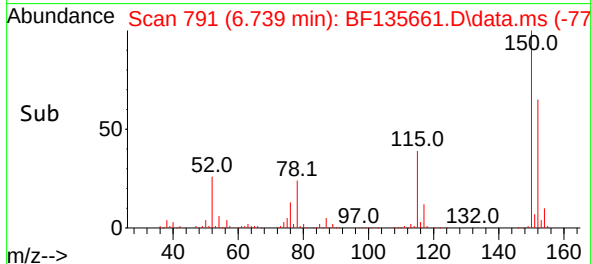
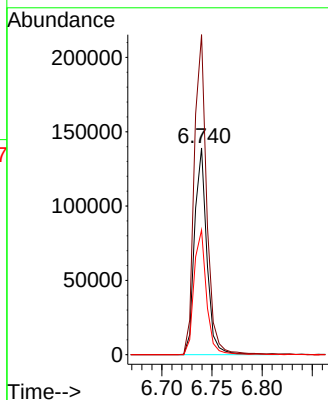
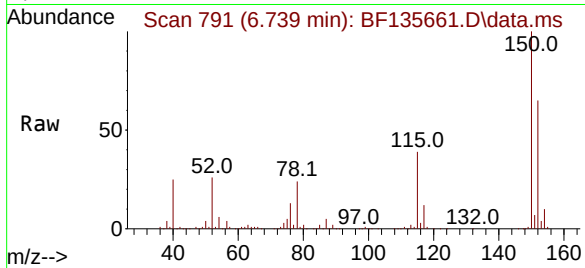




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135661.D
Acq: 09 Oct 2023 20:40

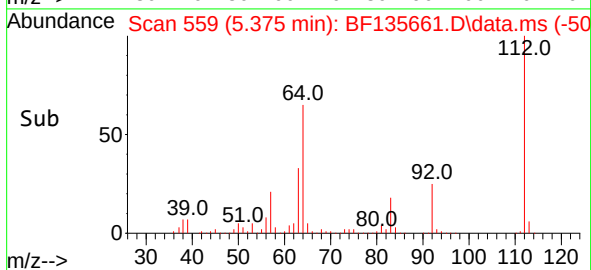
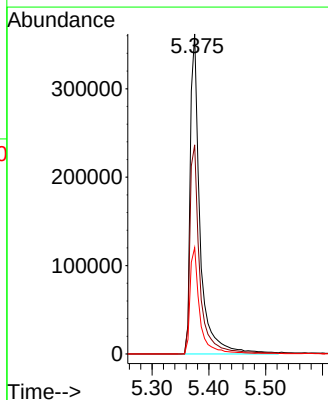
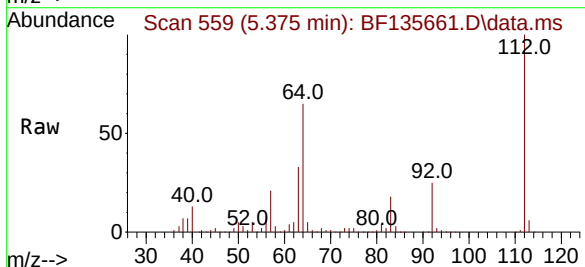
Instrument :
BNA_F
ClientSampleId :
MW-105D

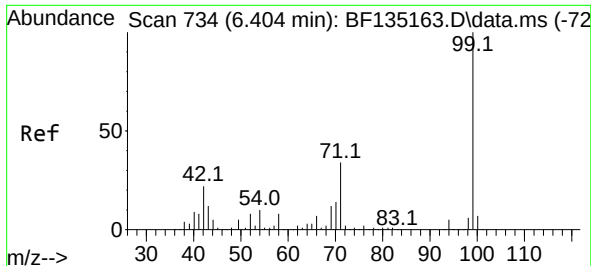
Tgt Ion:152 Resp: 118832
Ion Ratio Lower Upper
152 100
150 154.8 127.8 191.6
115 60.3 49.8 74.8



#5
2-Fluorophenol
Concen: 59.241 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135661.D
Acq: 09 Oct 2023 20:40

Tgt Ion:112 Resp: 432827
Ion Ratio Lower Upper
112 100
64 65.4 55.9 83.9
63 33.2 29.0 43.6

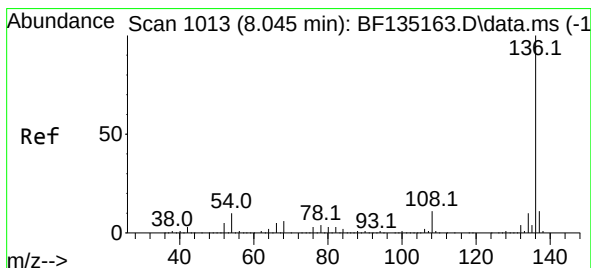
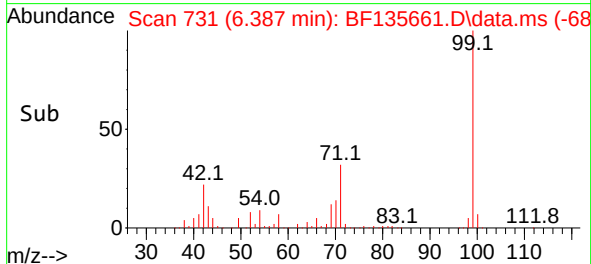
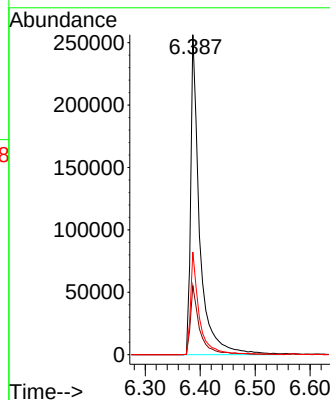
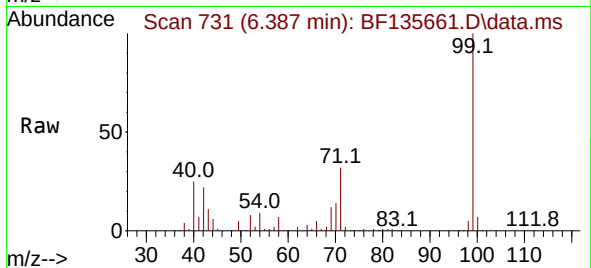




#7
Phenol-d6
Concen: 31.437 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135661.D
Acq: 09 Oct 2023 20:40

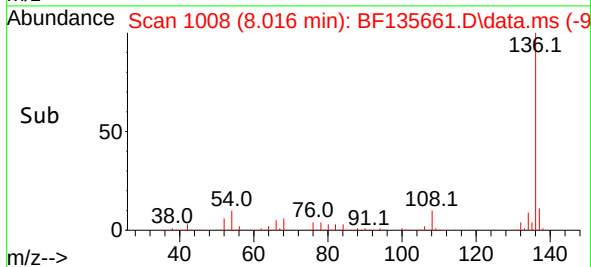
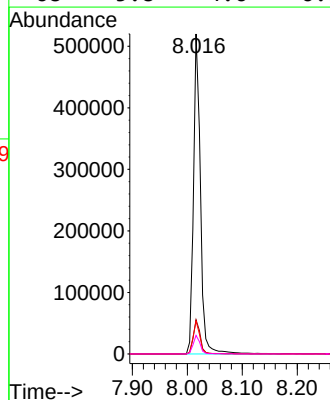
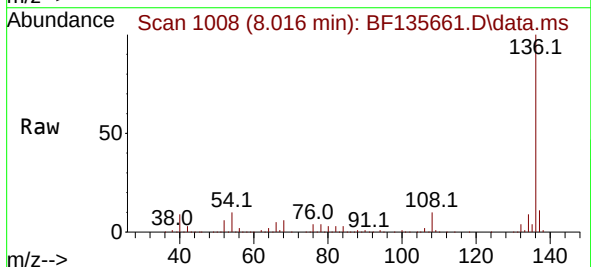
Instrument :
BNA_F
ClientSampleId :
MW-105D

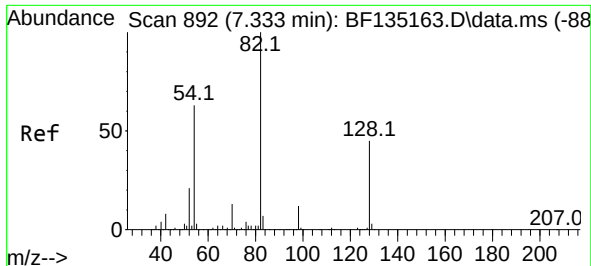
Tgt Ion: 99 Resp: 292062
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 32.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135661.D
Acq: 09 Oct 2023 20:40

Tgt Ion: 136 Resp: 454376
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.3 7.7 11.5
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 85.915 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF135661.D

Acq: 09 Oct 2023 20:40

Instrument :

BNA_F

ClientSampleId :

MW-105D

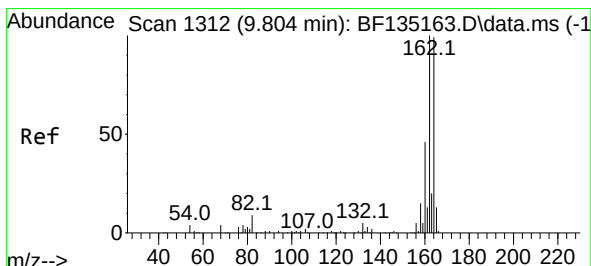
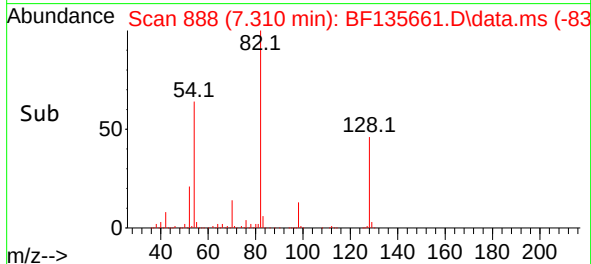
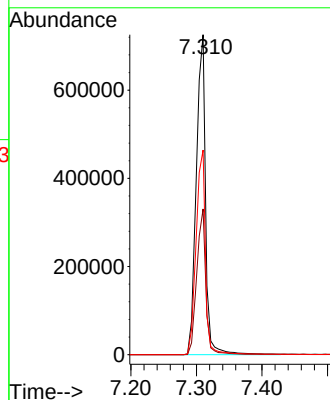
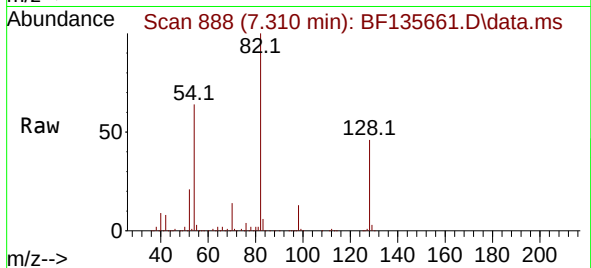
Tgt Ion: 82 Resp: 718536

Ion Ratio Lower Upper

82 100

128 45.5 35.8 53.6

54 63.9 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF135661.D

Acq: 09 Oct 2023 20:40

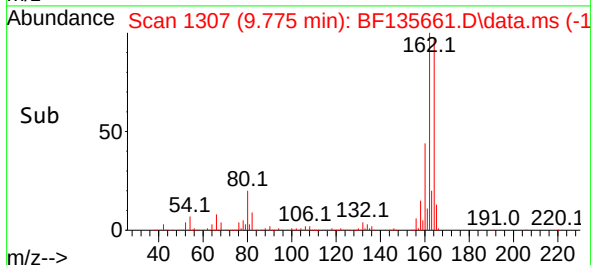
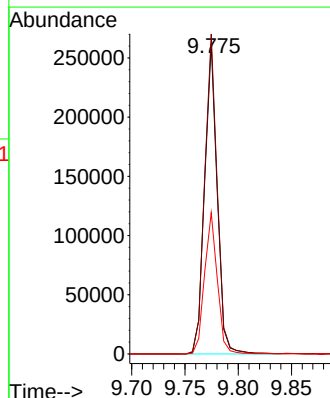
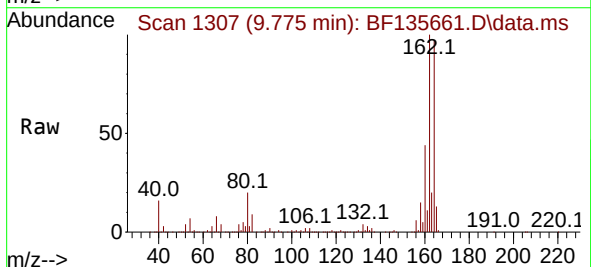
Tgt Ion: 164 Resp: 215738

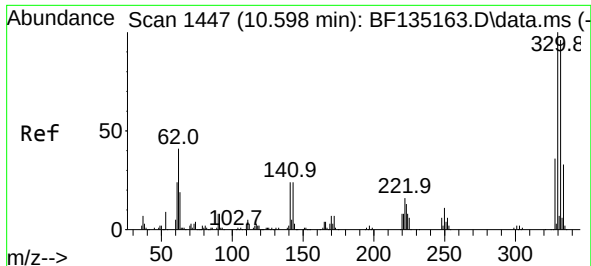
Ion Ratio Lower Upper

164 100

162 103.1 81.0 121.4

160 45.6 37.0 55.4

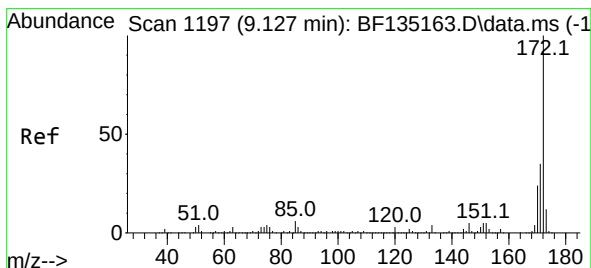
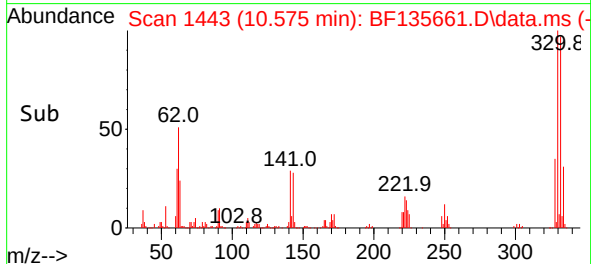
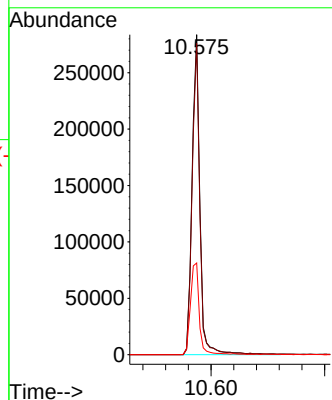
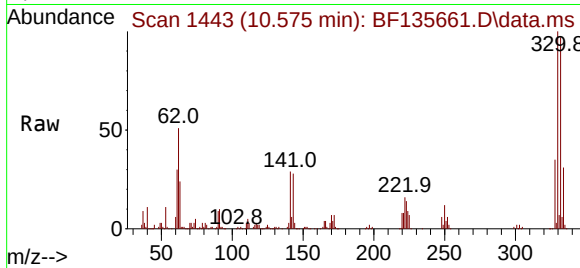




#42
2,4,6-Tribromophenol
Concen: 126.437 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135661.D
Acq: 09 Oct 2023 20:40

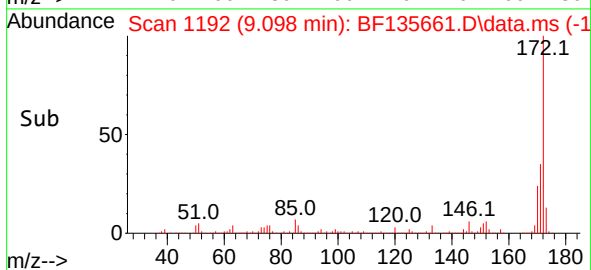
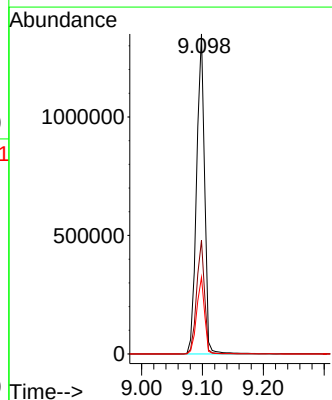
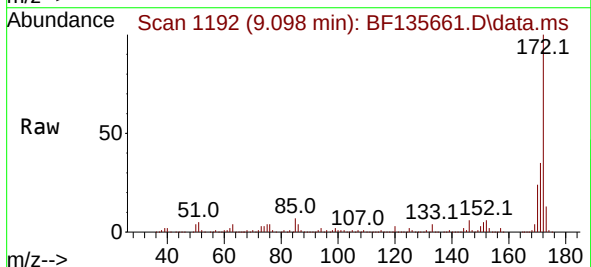
Instrument :
BNA_F
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MW-105D

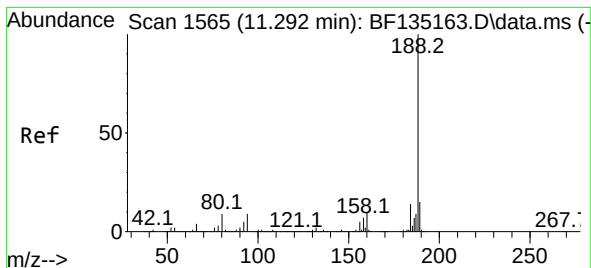
Tgt Ion: 330 Resp: 271069
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 32.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 86.677 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135661.D
Acq: 09 Oct 2023 20:40

Tgt Ion: 172 Resp: 1239432
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135661.D

Acq: 09 Oct 2023 20:40

Instrument :

BNA_F

ClientSampleId :

MW-105D

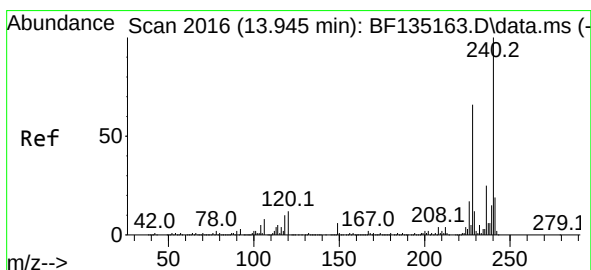
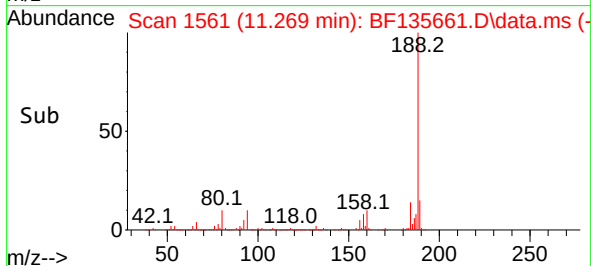
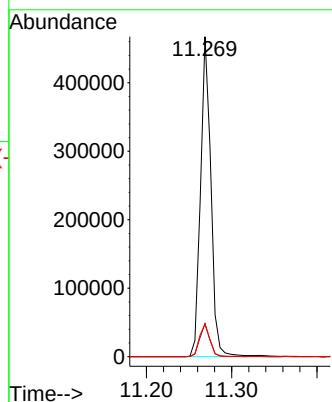
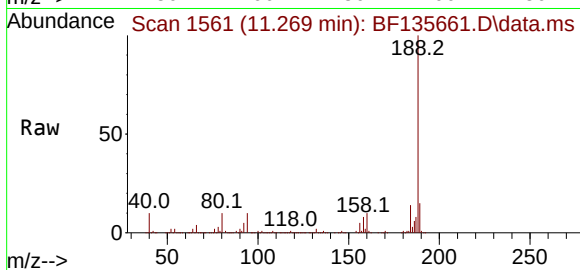
Tgt Ion:188 Resp: 395550

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 10.2 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF135661.D

Acq: 09 Oct 2023 20:40

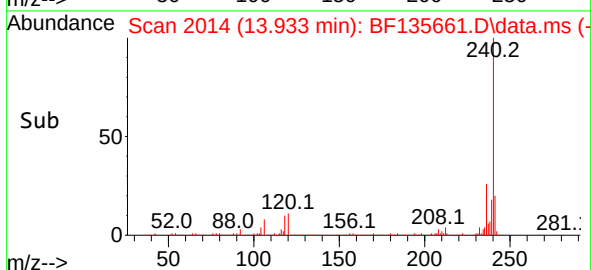
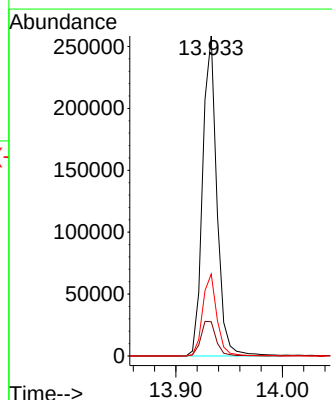
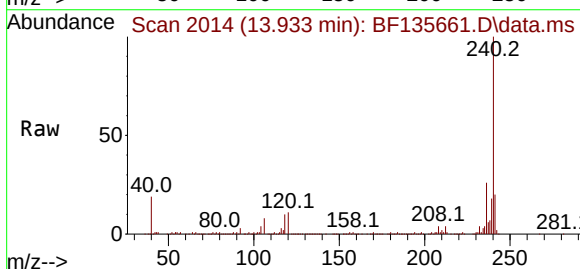
Tgt Ion:240 Resp: 241023

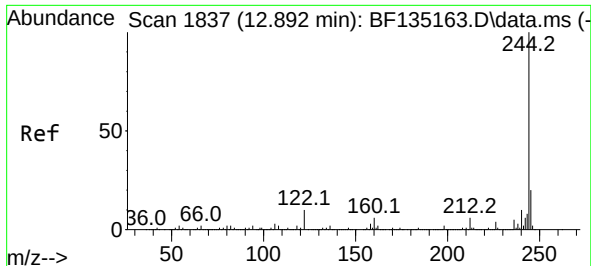
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

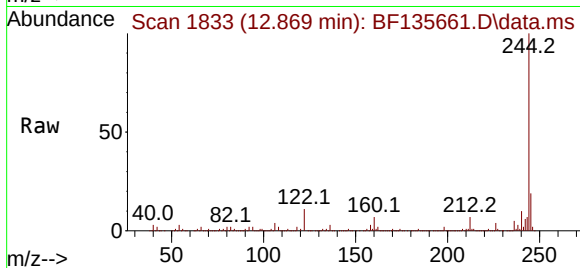
236 25.6 19.8 29.8





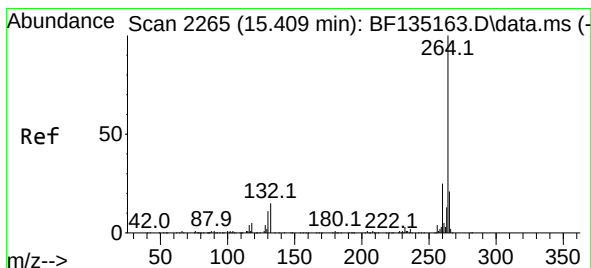
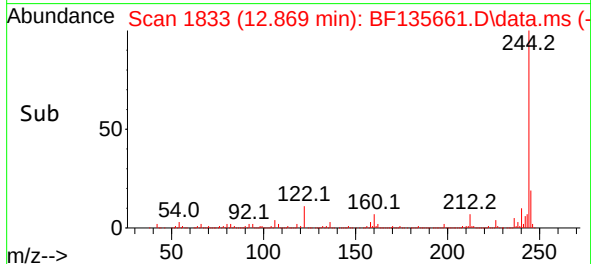
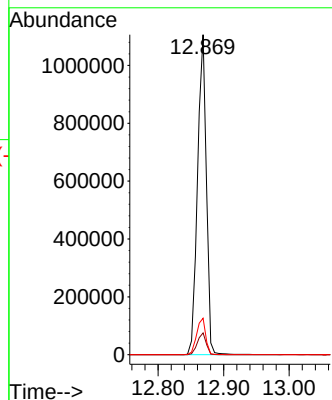
#79
 Terphenyl-d14
 Concen: 66.759 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135661.D
 Acq: 09 Oct 2023 20:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D



Tgt Ion:244 Resp: 1037968

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.1	7.7
122	11.4	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.018 min
 Lab File: BF135661.D
 Acq: 09 Oct 2023 20:40

Tgt Ion:264 Resp: 258043

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.8	29.6
265	20.9	17.0	25.4

