

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135664.D
 Acq On : 09 Oct 2023 22:12
 Operator : CG\JU
 Sample : 04656-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103I

Quant Time: Oct 10 02:28:53 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	6.740	152	103863	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	390720	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	190533	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	320535	20.000	ng	0.00
76) Chrysene-d12	13.933	240	193880	20.000	ng	0.00
86) Perylene-d12	15.398	264	206482	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	328673	51.469	ng	0.00
7) Phenol-d6	6.387	99	244615	30.125	ng	0.00
23) Nitrobenzene-d5	7.304	82	623872	86.749	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	218464	115.380	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1068375	84.598	ng	0.00
79) Terphenyl-d14	12.869	244	863559	69.047	ng	0.00

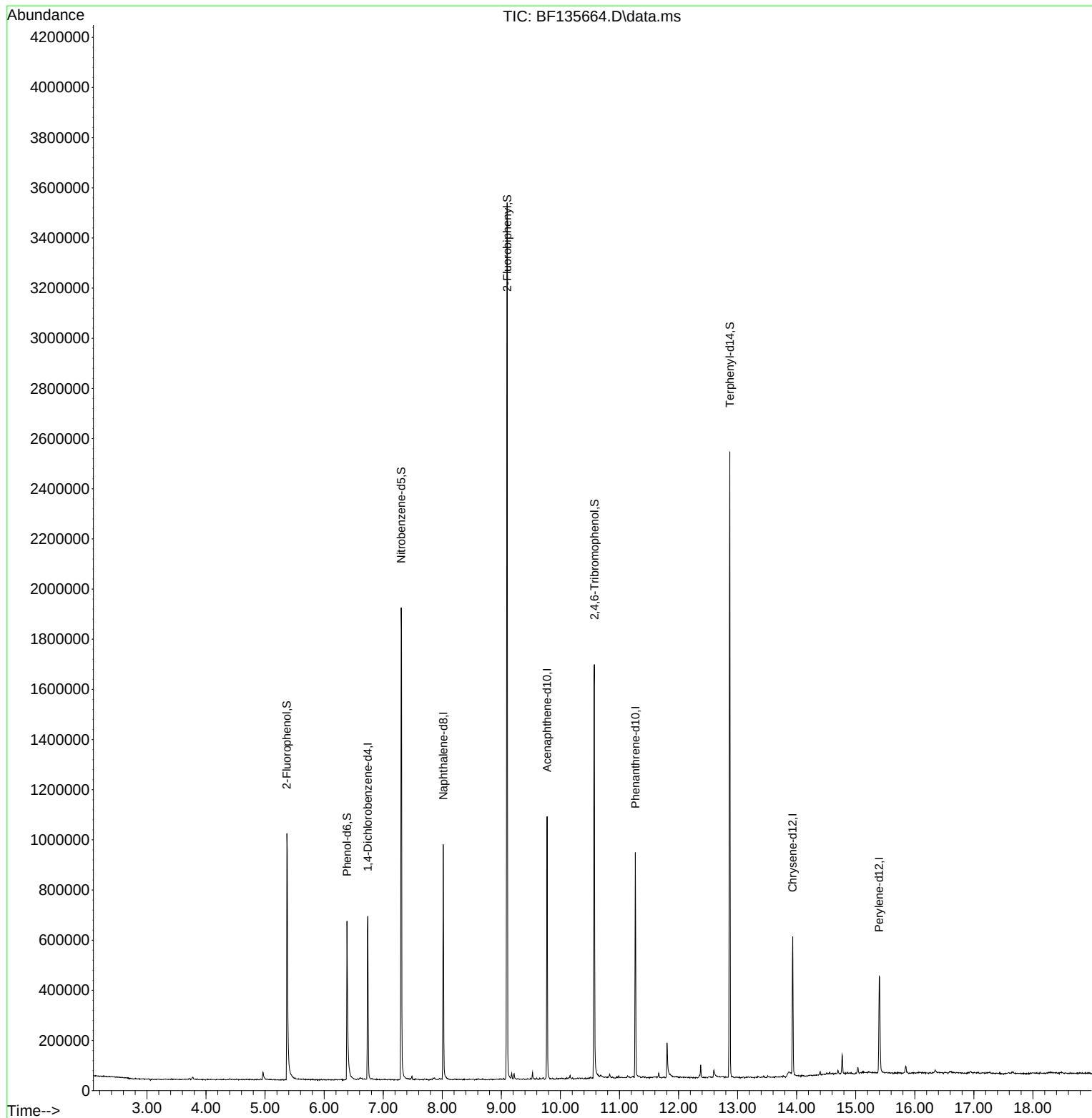
Target Compounds	Qvalue

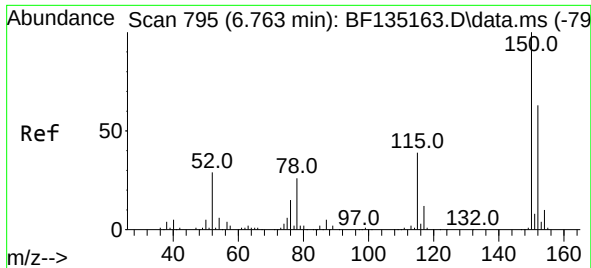
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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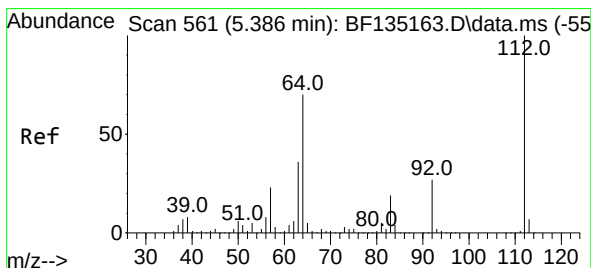
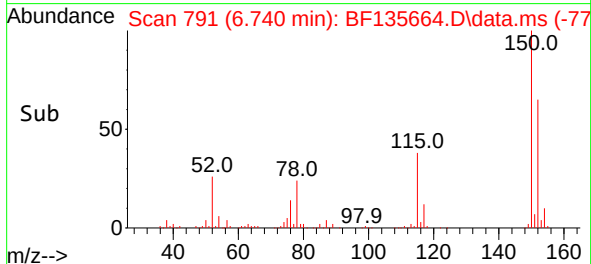
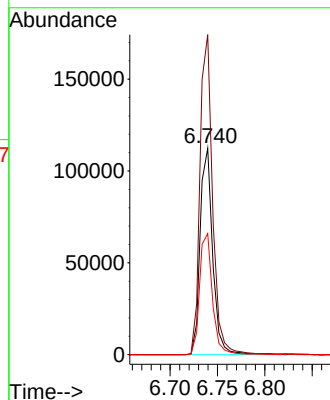
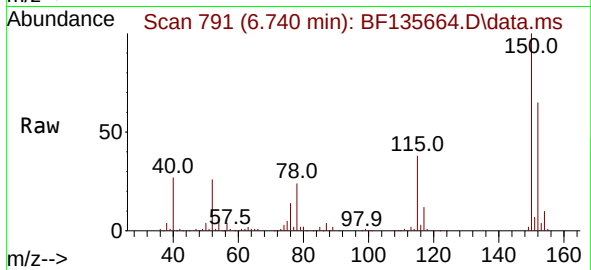




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135664.D
Acq: 09 Oct 2023 22:12

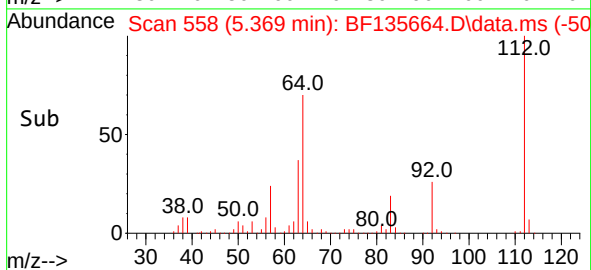
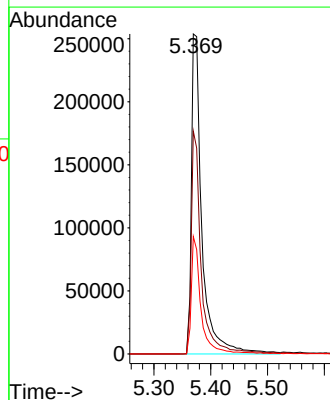
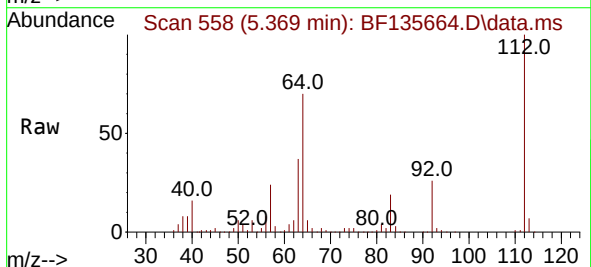
Instrument :
BNA_F
ClientSampleId :
MW-103I

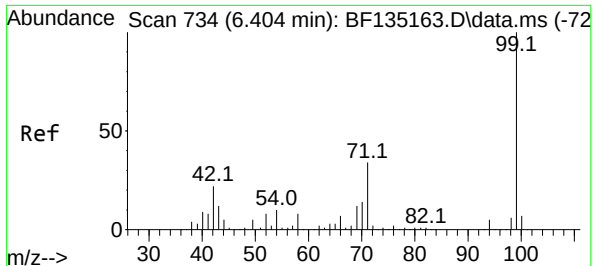
Tgt Ion:152 Resp: 103863
Ion Ratio Lower Upper
152 100
150 155.0 127.8 191.6
115 58.7 49.8 74.8



#5
2-Fluorophenol
Concen: 51.469 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.000 min
Lab File: BF135664.D
Acq: 09 Oct 2023 22:12

Tgt Ion:112 Resp: 328673
Ion Ratio Lower Upper
112 100
64 69.7 55.9 83.9
63 36.7 29.0 43.6

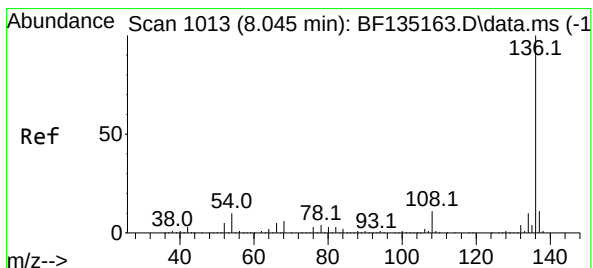
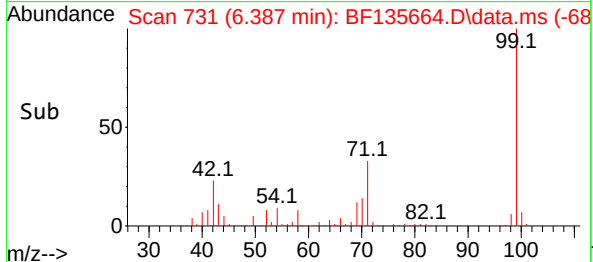
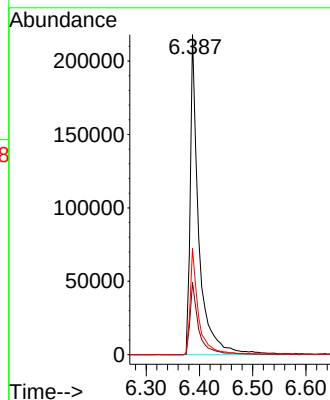
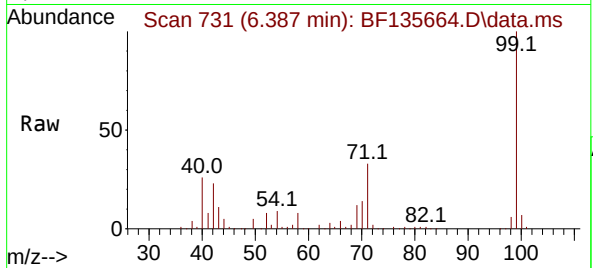




#7
Phenol-d6
Concen: 30.125 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135664.D
Acq: 09 Oct 2023 22:12

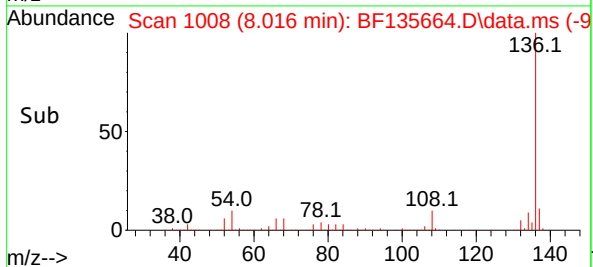
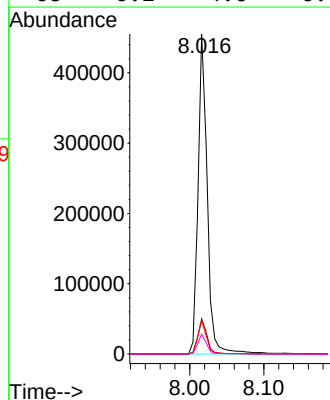
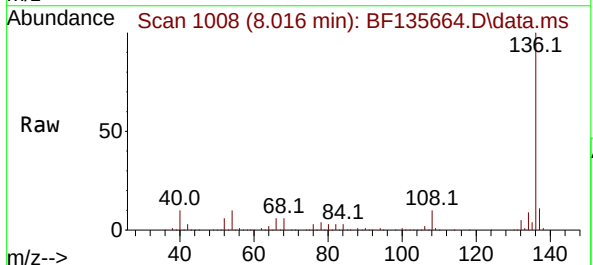
Instrument :
BNA_F
ClientSampleId :
MW-103I

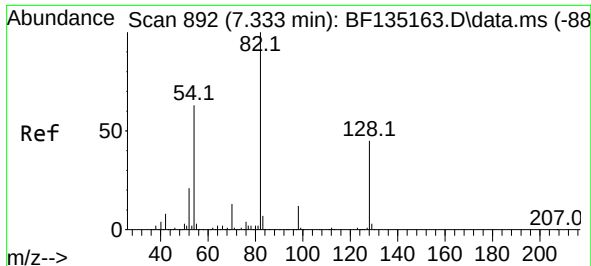
Tgt Ion: 99 Resp: 244615
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 33.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135664.D
Acq: 09 Oct 2023 22:12

Tgt Ion: 136 Resp: 390720
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.3 7.7 11.5
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 86.749 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135664.D

Acq: 09 Oct 2023 22:12

Instrument :

BNA_F

ClientSampleId :

MW-103I

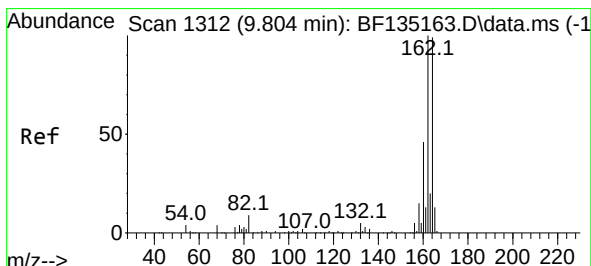
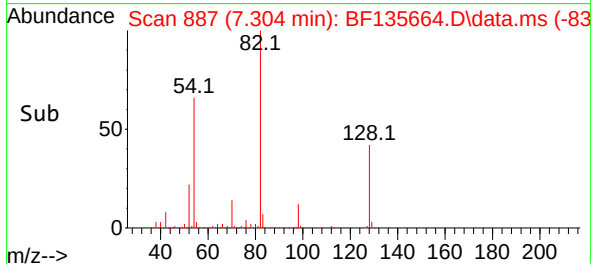
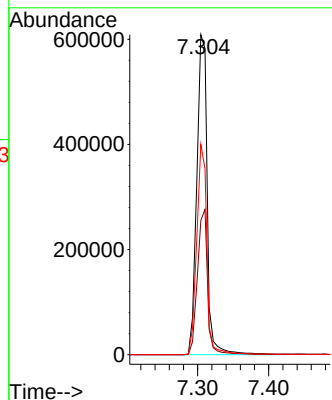
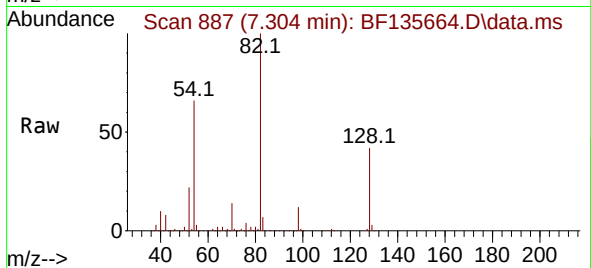
Tgt Ion: 82 Resp: 623872

Ion Ratio Lower Upper

82 100

128 42.0 35.8 53.6

54 65.7 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: BF135664.D

Acq: 09 Oct 2023 22:12

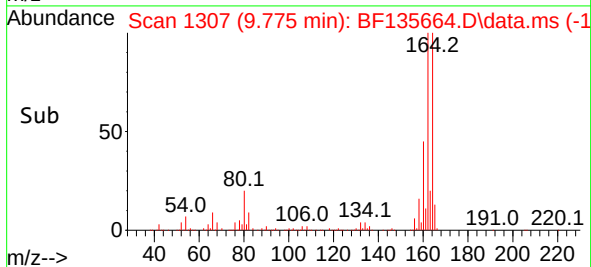
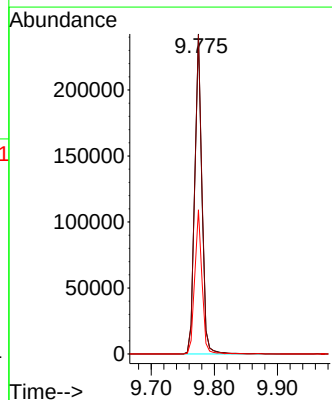
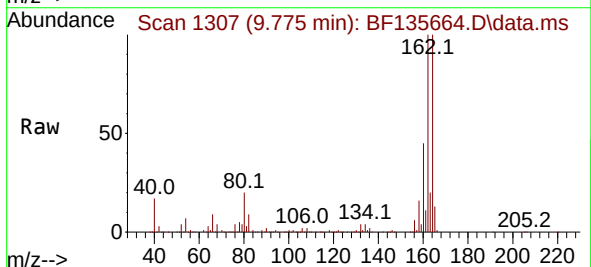
Tgt Ion: 164 Resp: 190533

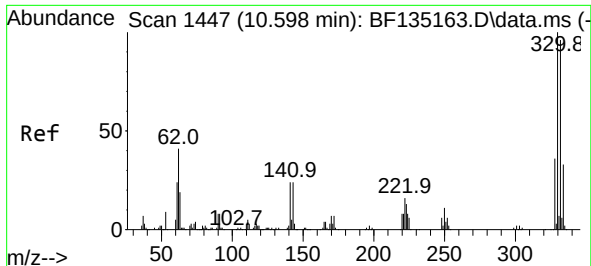
Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.4

160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 115.380 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135664.D

Acq: 09 Oct 2023 22:12

Instrument :

BNA_F

ClientSampleId :

MW-103I

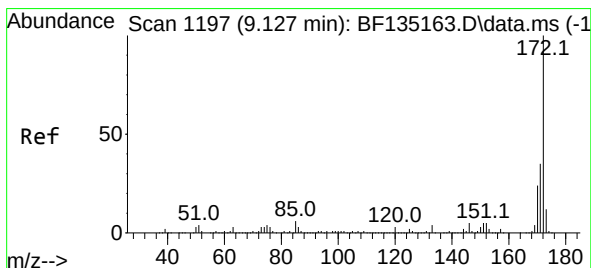
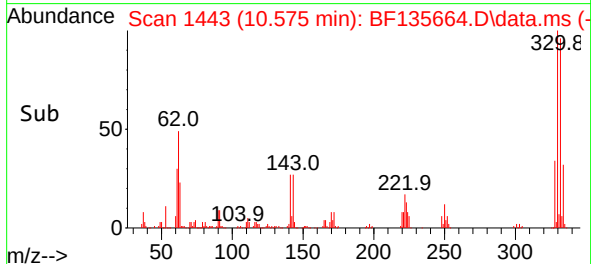
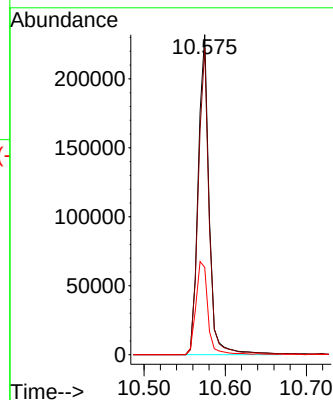
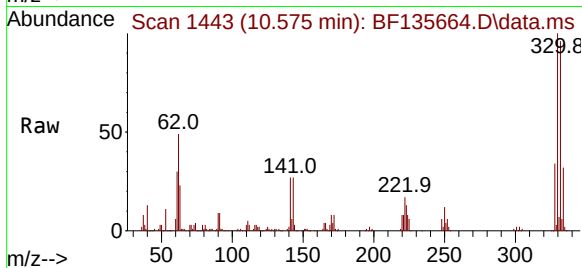
Tgt Ion:330 Resp: 218464

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 31.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 84.598 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135664.D

Acq: 09 Oct 2023 22:12

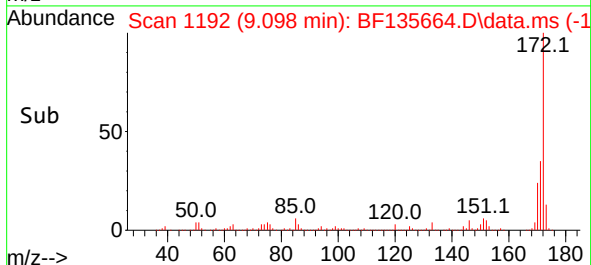
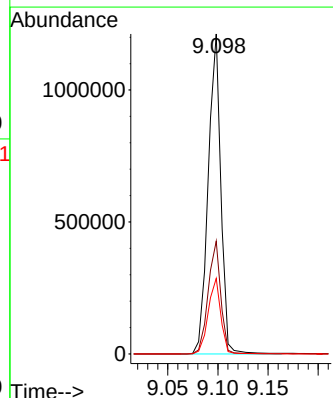
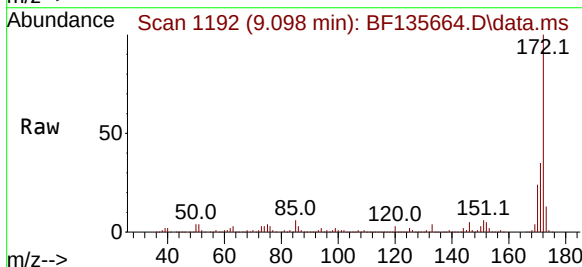
Tgt Ion:172 Resp: 1068375

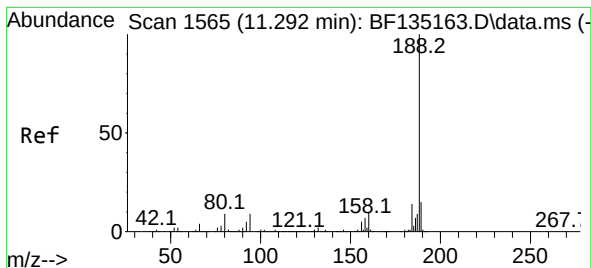
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.6 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: BF135664.D

Acq: 09 Oct 2023 22:12

Instrument :

BNA_F

ClientSampleId :

MW-103I

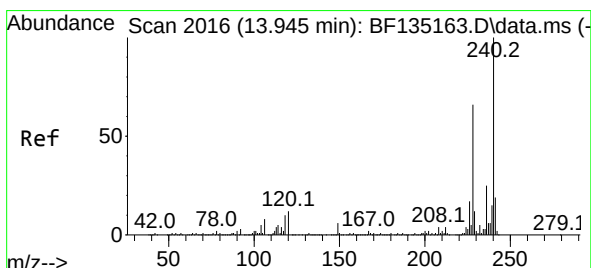
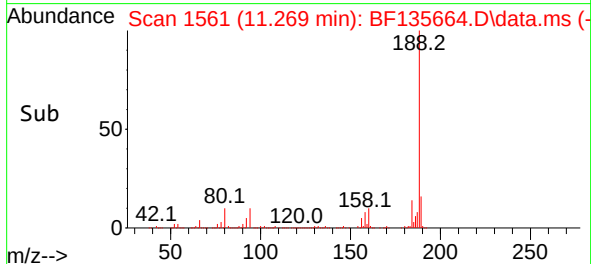
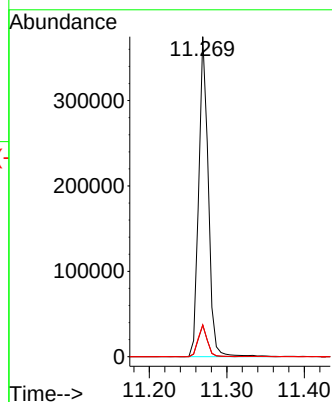
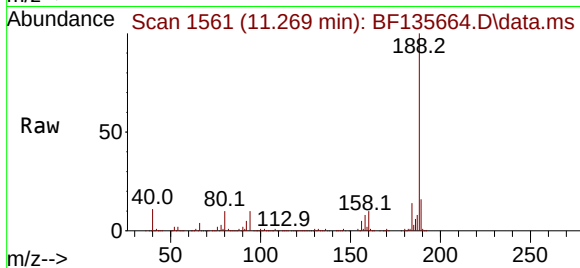
Tgt Ion:188 Resp: 320535

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 9.9 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: BF135664.D

Acq: 09 Oct 2023 22:12

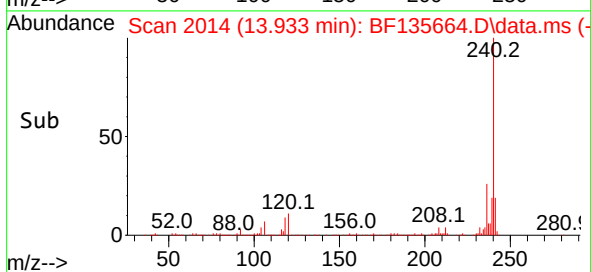
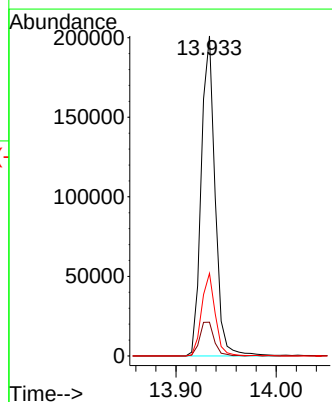
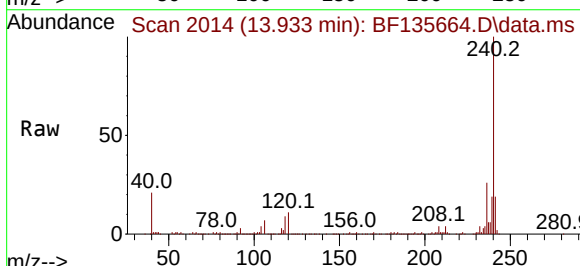
Tgt Ion:240 Resp: 193880

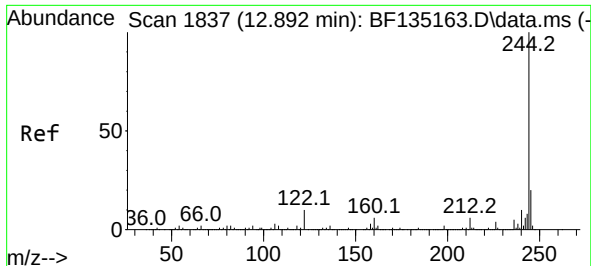
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

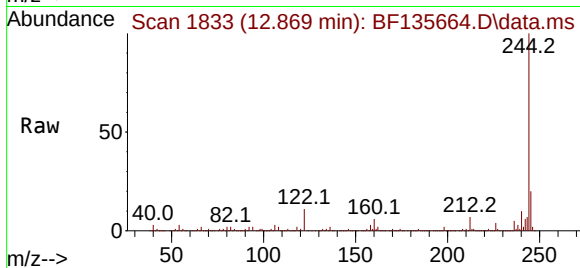
236 25.8 19.8 29.8



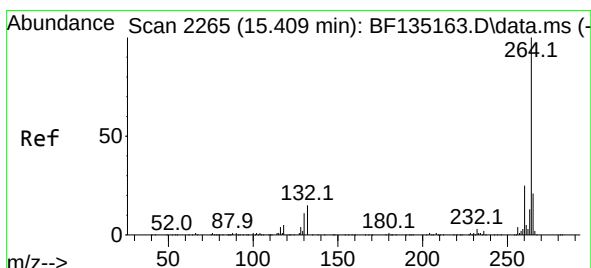
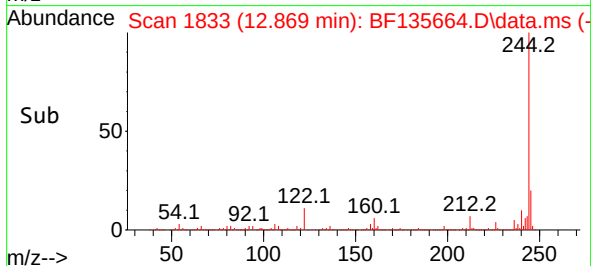
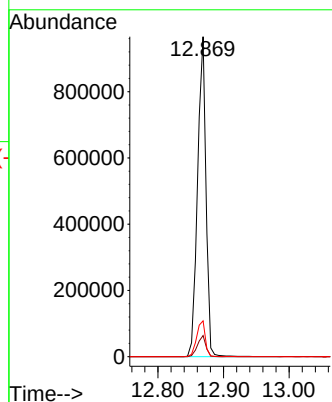


#79
 Terphenyl-d14
 Concen: 69.047 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135664.D
 Acq: 09 Oct 2023 22:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-103I



Tgt Ion:244 Resp: 863559
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.2 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2263
 Delta R.T. 0.012 min
 Lab File: BF135664.D
 Acq: 09 Oct 2023 22:12

Tgt Ion:264 Resp: 206482
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.8 29.6
 265 21.2 17.0 25.4

