

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135280.D
 Acq On : 15 Sep 2023 15:40
 Operator : CG\JU
 Sample : 04409-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6(0-6)COMP

Quant Time: Sep 15 16:11:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	101143	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	387953	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	193479	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	357197	20.000	ng	0.00
76) Chrysene-d12	13.939	240	212649	20.000	ng	0.00
86) Perylene-d12	15.410	264	257291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	542757	87.279	ng	0.00
7) Phenol-d6	6.398	99	675564	85.435	ng	0.00
23) Nitrobenzene-d5	7.322	82	411928	57.687	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	157010	81.661	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	748243	58.347	ng	-0.01
79) Terphenyl-d14	12.880	244	683437	49.822	ng	-0.01

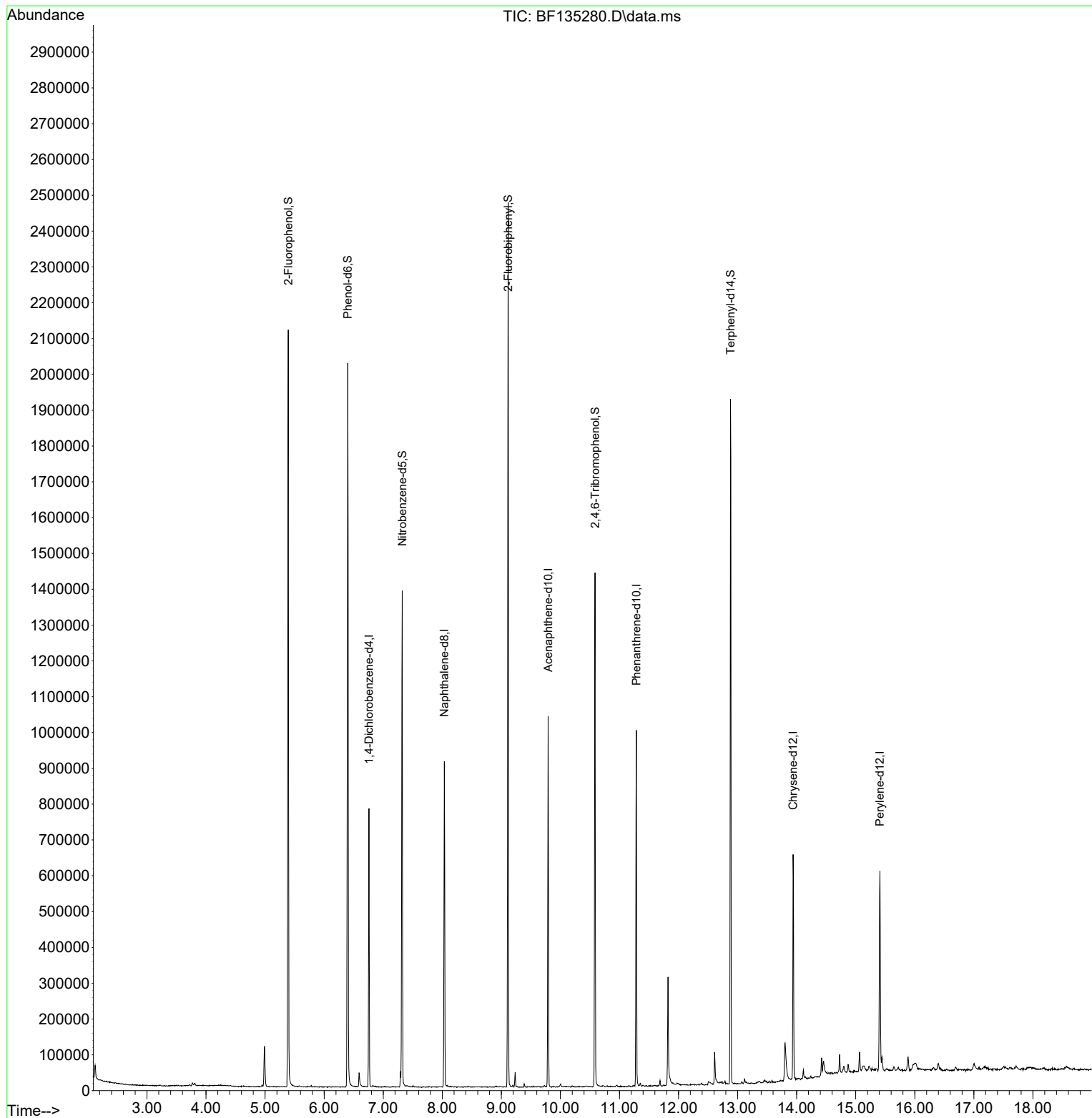
Target Compounds	Qvalue

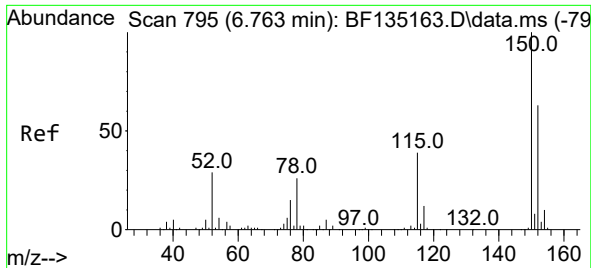
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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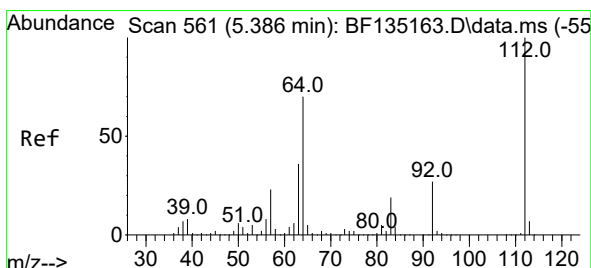
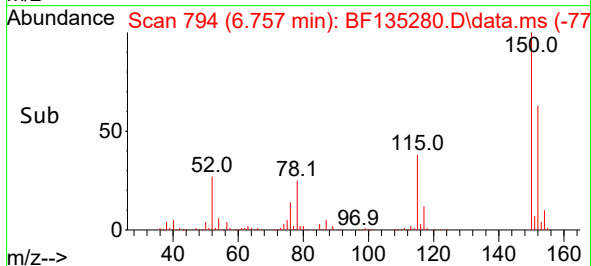
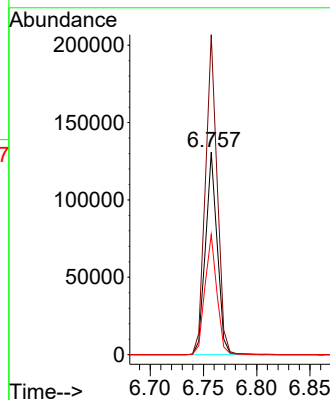
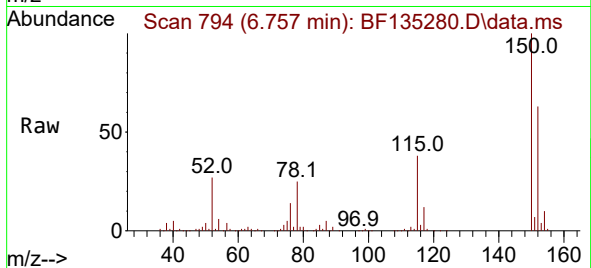




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

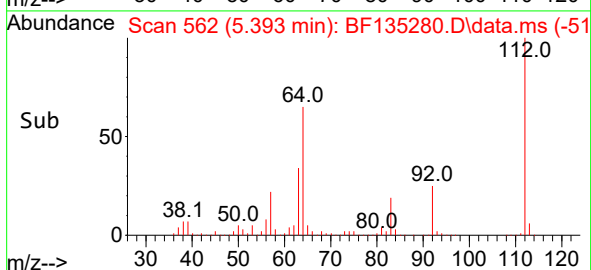
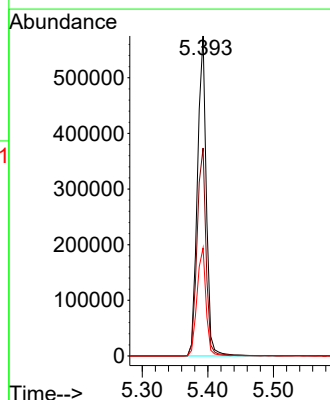
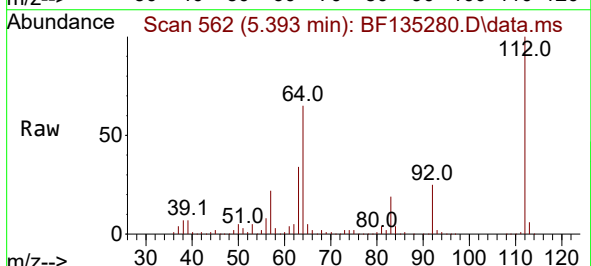
Instrument :
BNA_F
ClientSampleId :
WC-6(0-6)COMP

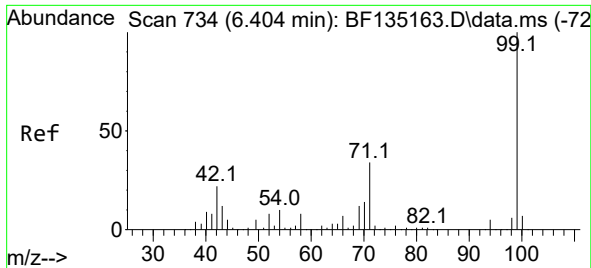
Tgt Ion:152 Resp: 101143
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 59.4 49.8 74.8



#5
2-Fluorophenol
Concen: 87.279 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

Tgt Ion:112 Resp: 542757
Ion Ratio Lower Upper
112 100
64 65.0 55.9 83.9
63 33.8 29.0 43.6

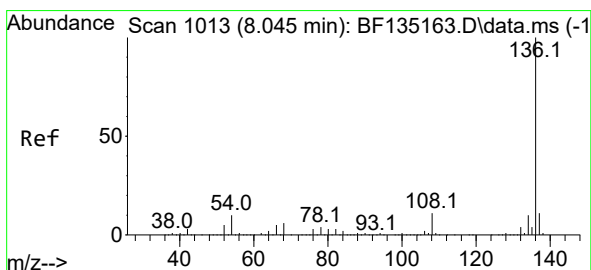
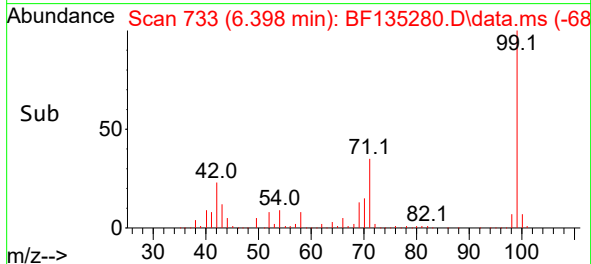
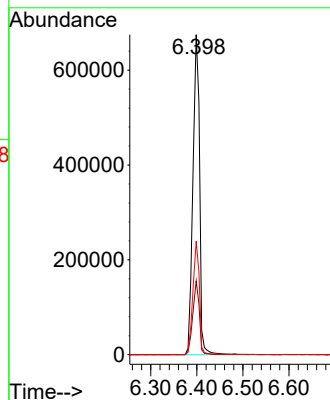
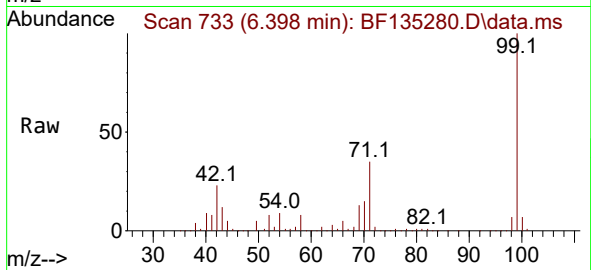




#7
Phenol-d6
Concen: 85.435 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

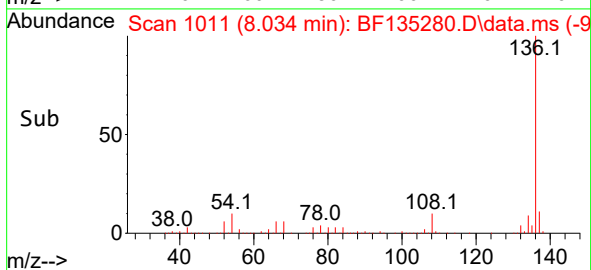
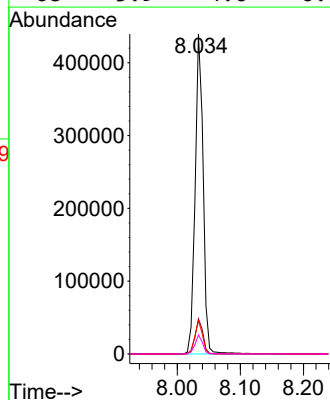
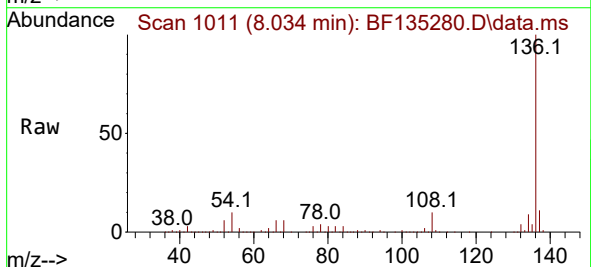
Instrument :
BNA_F
ClientSampleId :
WC-6(0-6)COMP

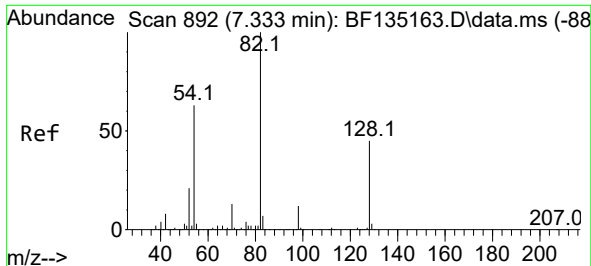
Tgt Ion: 99 Resp: 675564
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 35.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

Tgt Ion: 136 Resp: 387953
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.4 7.7 11.5
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 57.687 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135280.D

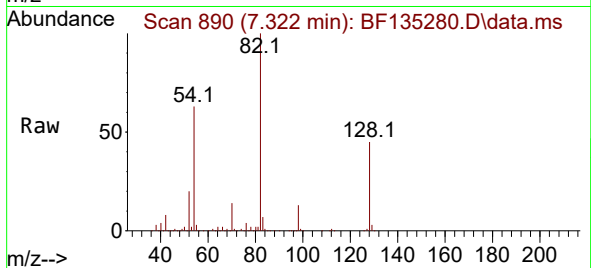
Acq: 15 Sep 2023 15:40

Instrument :

BNA_F

ClientSampleId :

WC-6(0-6)COMP



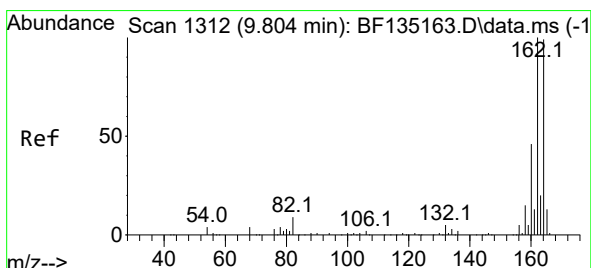
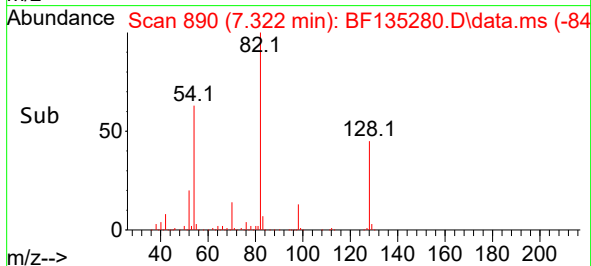
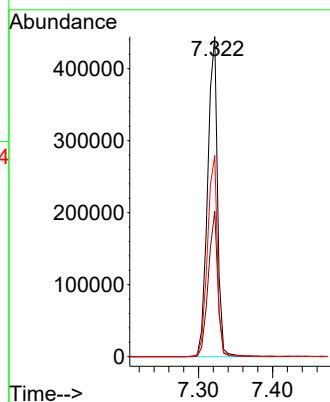
Tgt Ion: 82 Resp: 411928

Ion Ratio Lower Upper

82 100

128 45.4 35.8 53.6

54 62.9 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.011 min

Lab File: BF135280.D

Acq: 15 Sep 2023 15:40

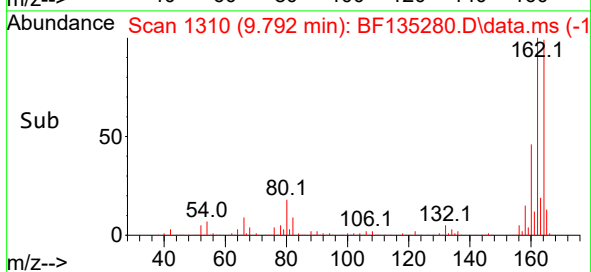
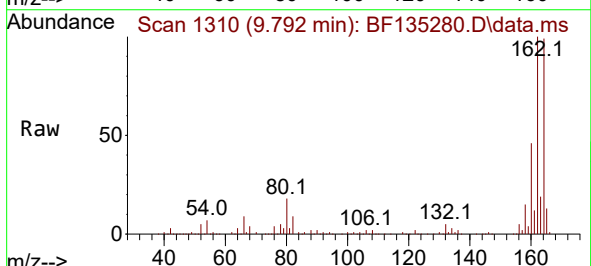
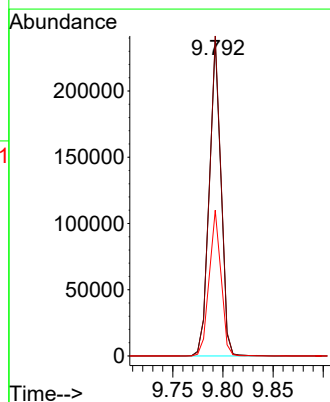
Tgt Ion: 164 Resp: 193479

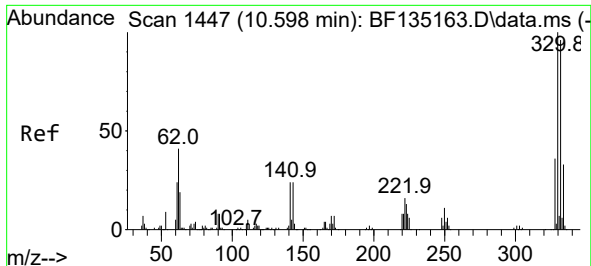
Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.4

160 46.2 37.0 55.4

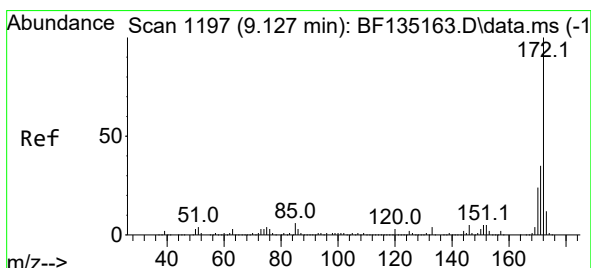
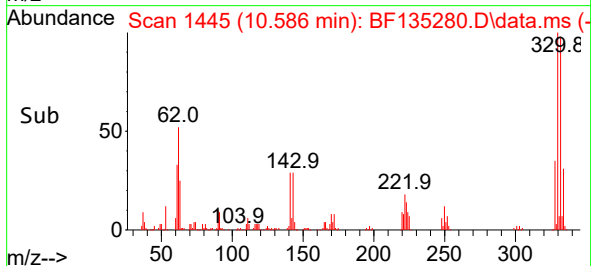
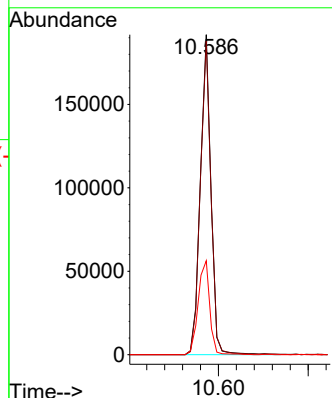
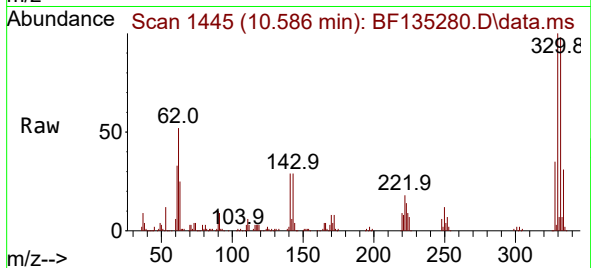




#42
2,4,6-Tribromophenol
Concen: 81.661 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

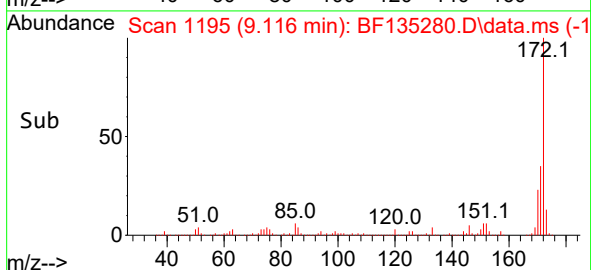
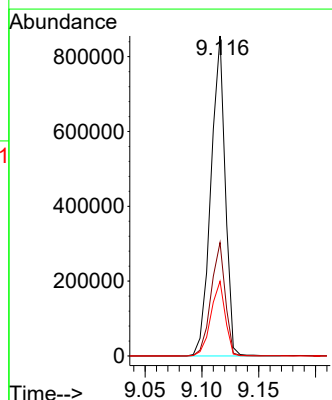
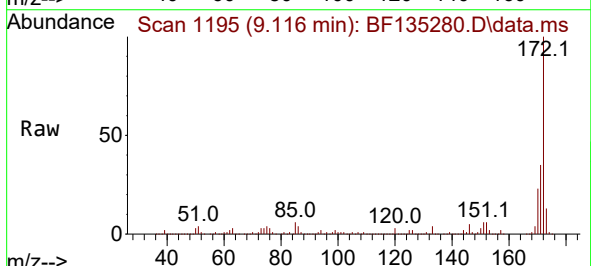
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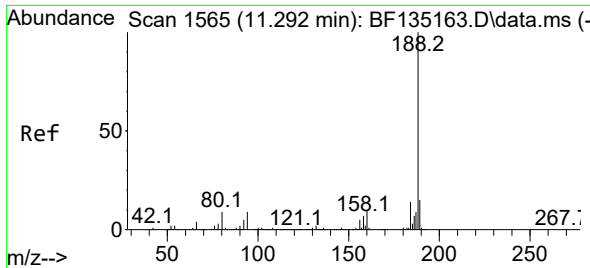
Tgt Ion:330 Resp: 157010
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 32.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 58.347 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

Tgt Ion:172 Resp: 748243
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.0 28.4

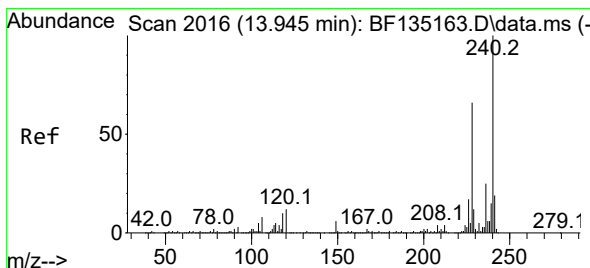
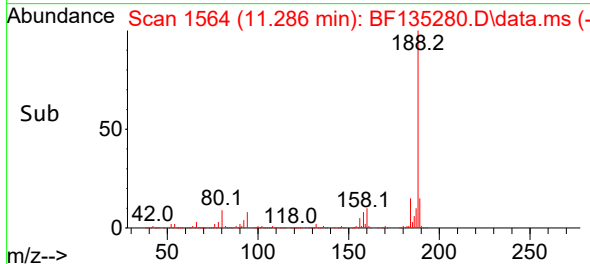
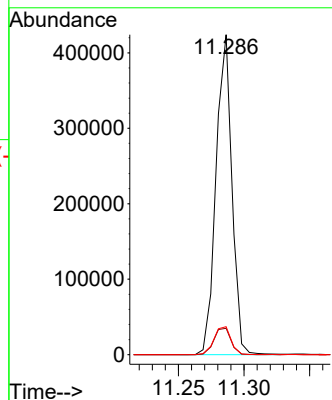
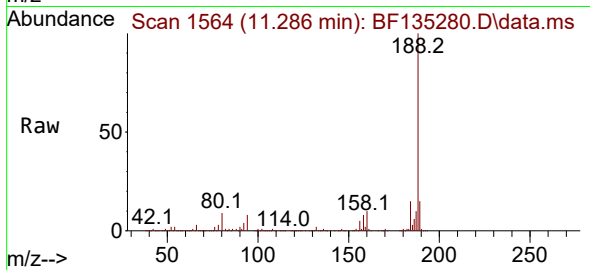




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

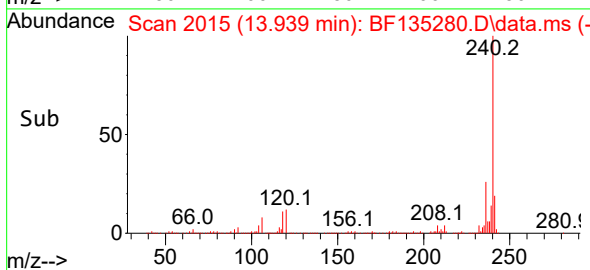
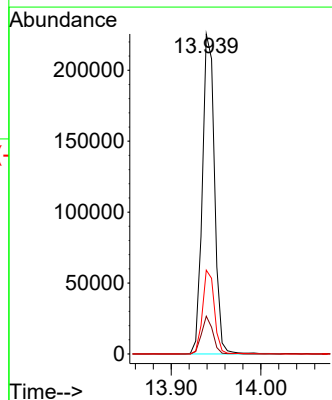
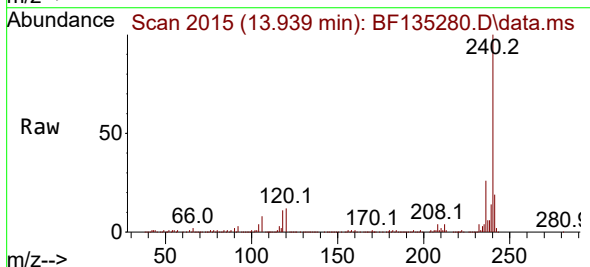
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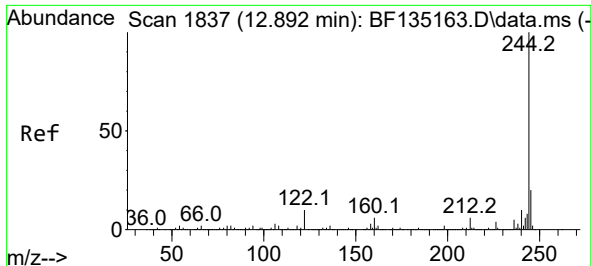
Tgt Ion:188 Resp: 357197
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

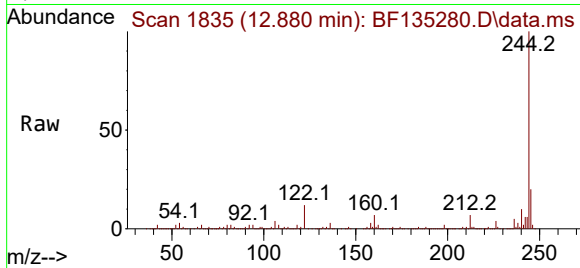
Tgt Ion:240 Resp: 212649
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.2 19.8 29.8



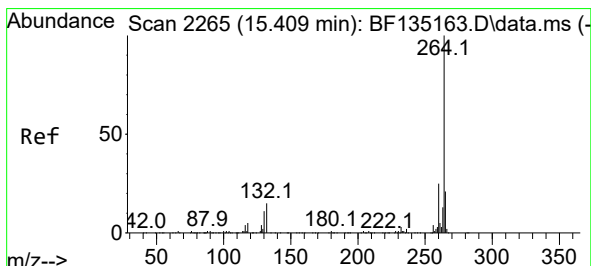
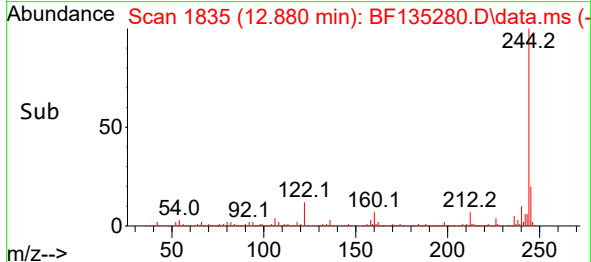
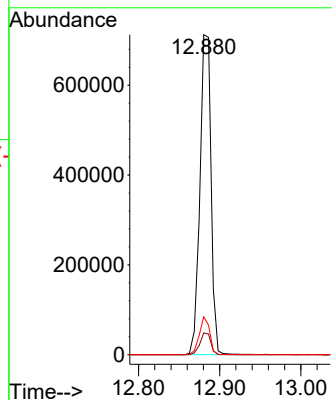


#79
 Terphenyl-d14
 Concen: 49.822 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135280.D
 Acq: 15 Sep 2023 15:40

Instrument :
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Tgt Ion:244 Resp: 683437
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135280.D
 Acq: 15 Sep 2023 15:40

Tgt Ion:264 Resp: 257291
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 22.6 17.0 25.4

