

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135205.D
 Acq On : 13 Sep 2023 04:28
 Operator : CG\JU
 Sample : 04343-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-23RD-ST

Quant Time: Sep 13 07:42:17 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	6.763	152	115516	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	450044	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	236761	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	443367	20.000	ng	0.00
76) Chrysene-d12	13.945	240	216962	20.000	ng	0.00
86) Perylene-d12	15.404	264	239347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	323582	45.560	ng	0.00
7) Phenol-d6	6.398	99	267419	29.611	ng	0.00
23) Nitrobenzene-d5	7.328	82	751209	90.686	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	227395	96.647	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1341096	85.459	ng	0.00
79) Terphenyl-d14	12.892	244	1271229	90.829	ng	0.00

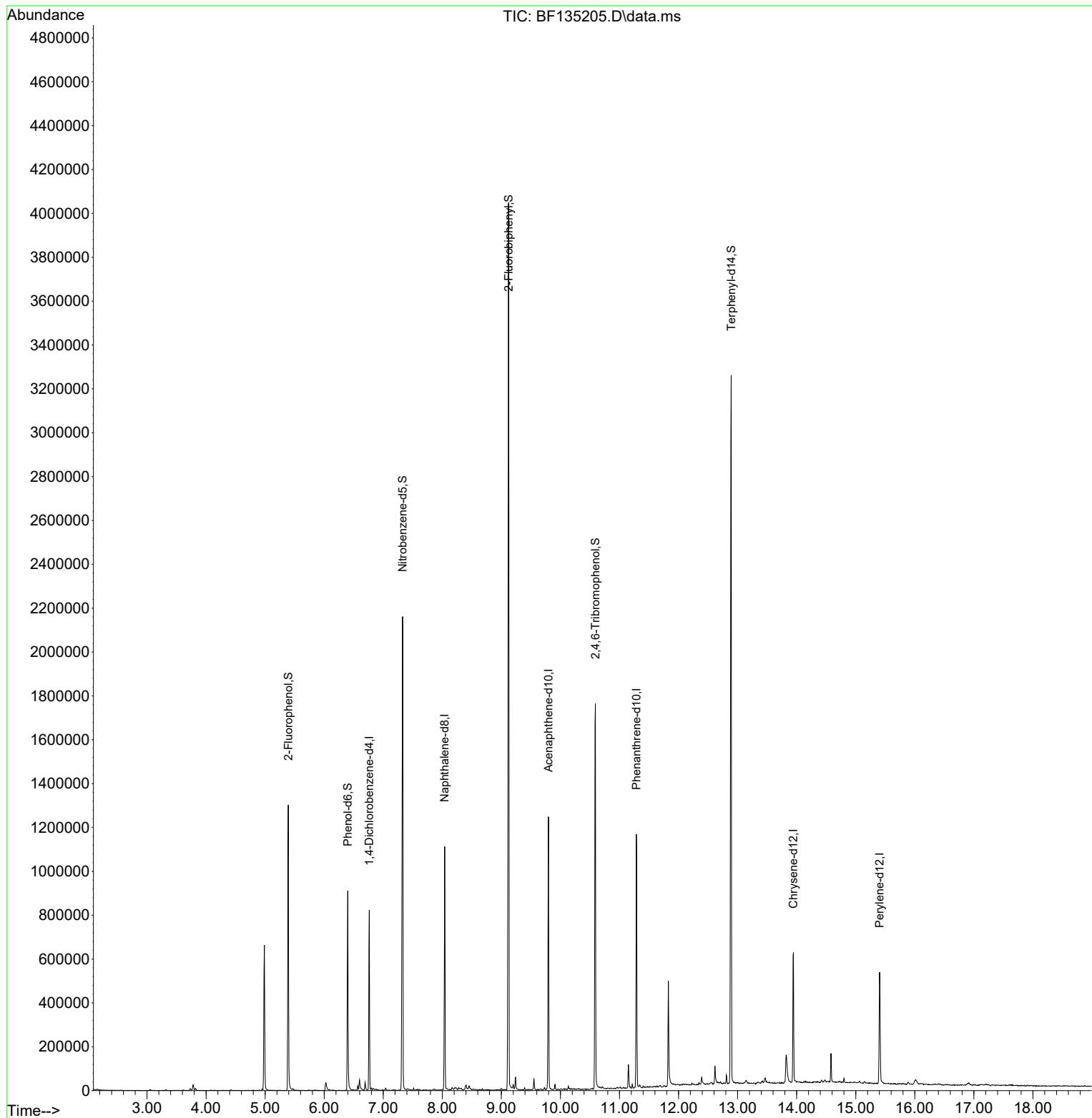
Target Compounds	Qvalue

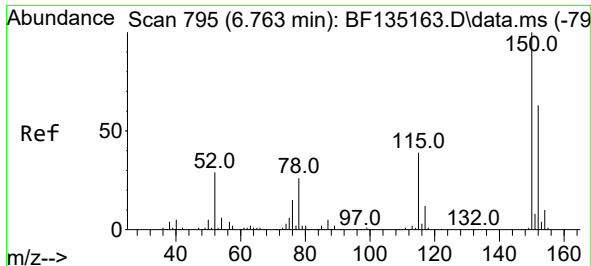
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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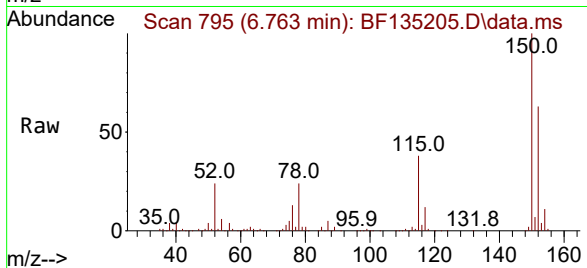
Quant Time: Sep 13 07:42:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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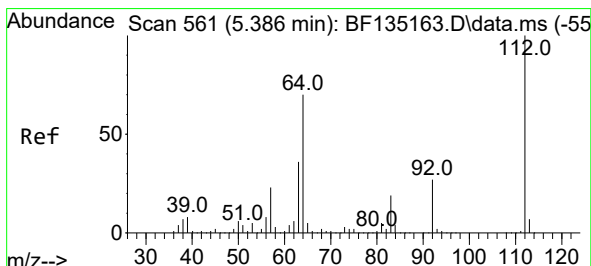
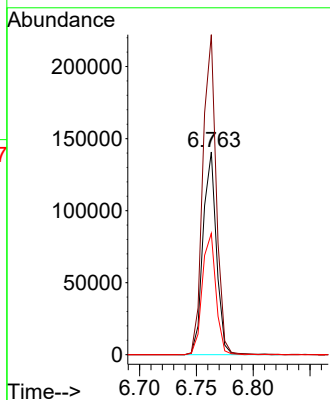
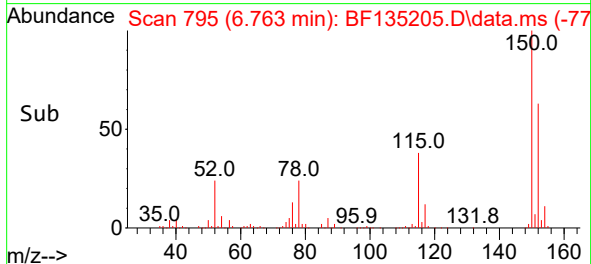


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

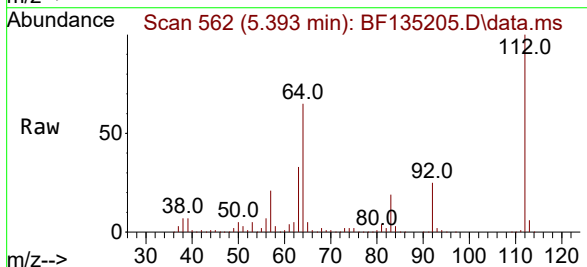
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-23RD-ST



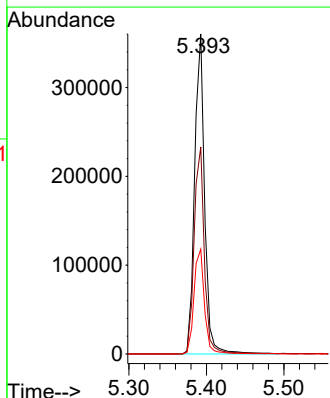
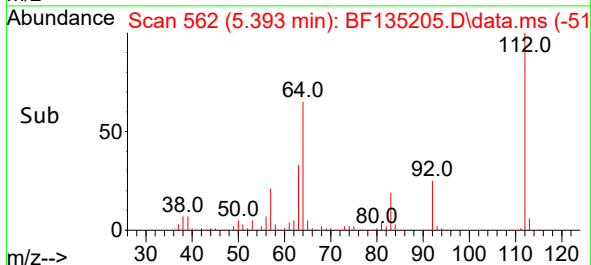
Tgt Ion:152 Resp: 115516
Ion Ratio Lower Upper
152 100
150 157.8 127.8 191.6
115 59.8 49.8 74.8

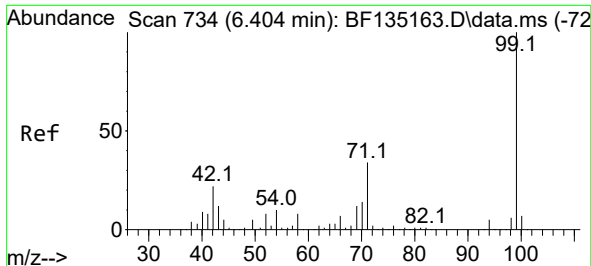


#5
2-Fluorophenol
Concen: 45.560 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28



Tgt Ion:112 Resp: 323582
Ion Ratio Lower Upper
112 100
64 64.7 55.9 83.9
63 32.7 29.0 43.6

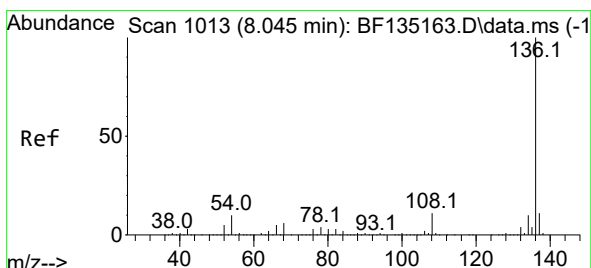
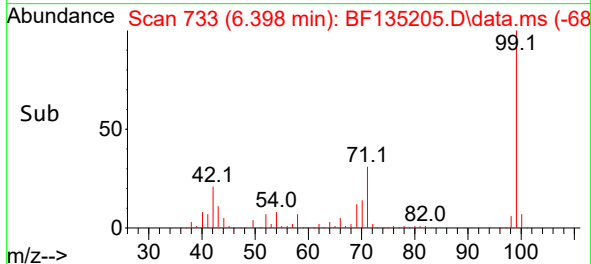
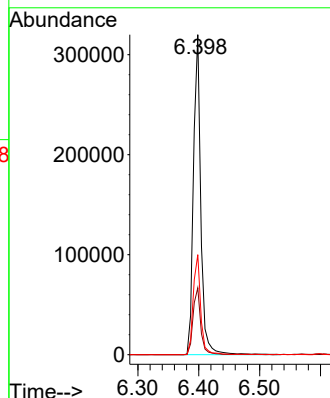
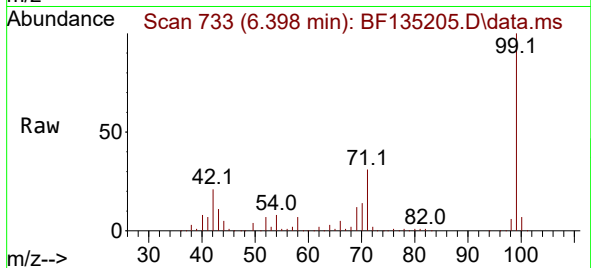




#7
Phenol-d6
Concen: 29.611 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

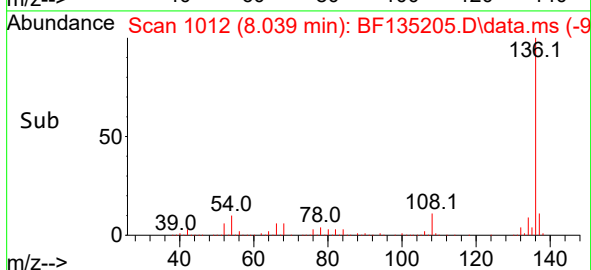
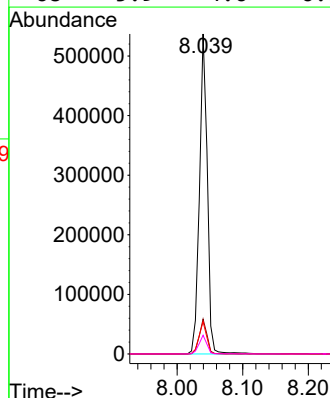
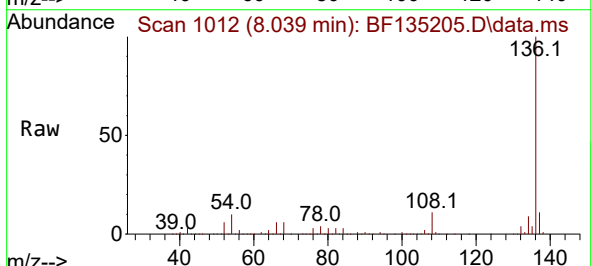
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-23RD-ST

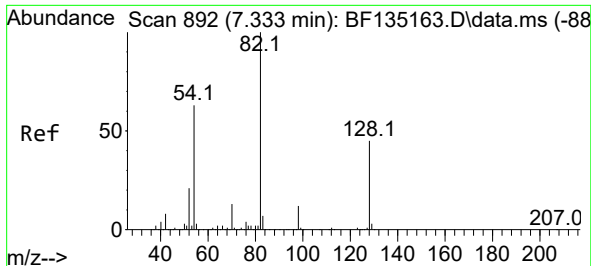
Tgt Ion: 99 Resp: 267419
Ion Ratio Lower Upper
99 100
42 20.9 17.9 26.9
71 31.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

Tgt Ion: 136 Resp: 450044
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.1 7.7 11.5
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 90.686 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135205.D

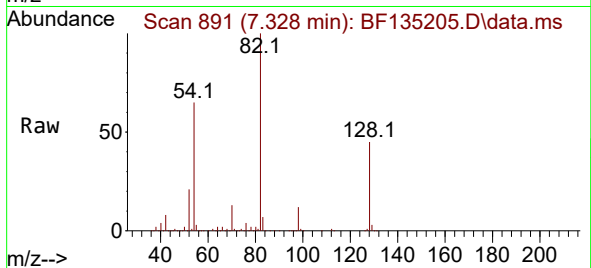
Acq: 13 Sep 2023 04:28

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2-23RD-ST



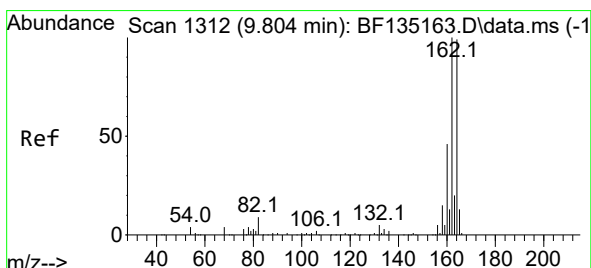
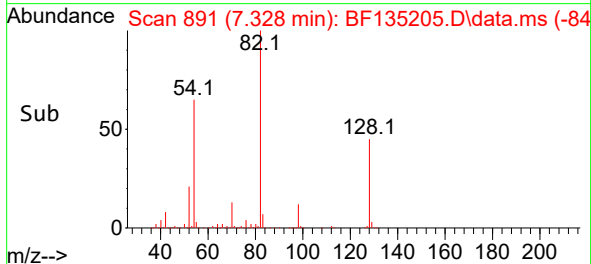
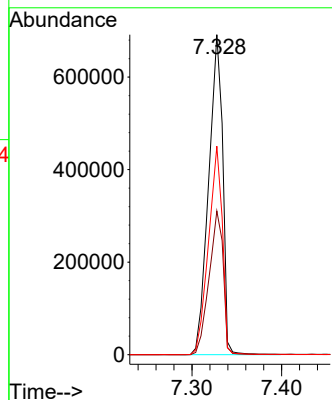
Tgt Ion: 82 Resp: 751209

Ion Ratio Lower Upper

82 100

128 44.9 35.8 53.6

54 65.1 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135205.D

Acq: 13 Sep 2023 04:28

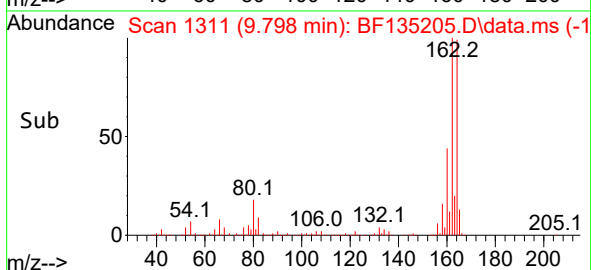
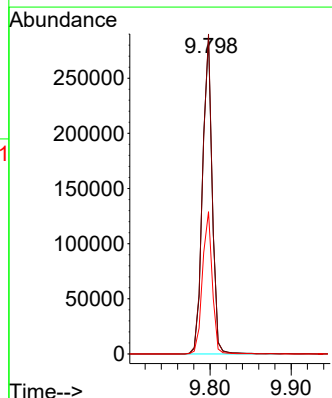
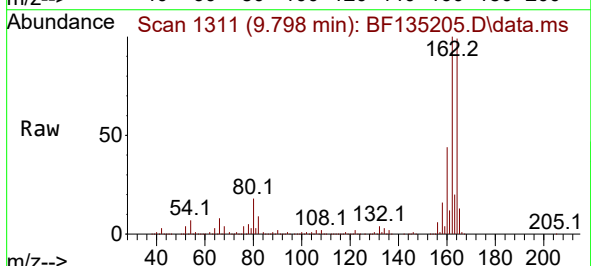
Tgt Ion:164 Resp: 236761

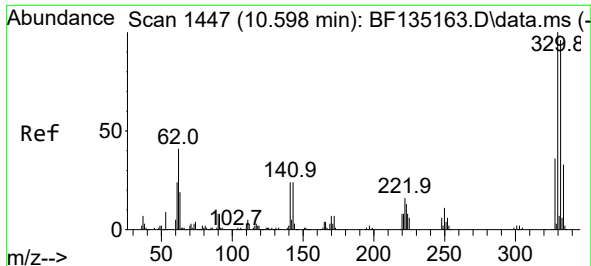
Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.4

160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 96.647 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135205.D

Acq: 13 Sep 2023 04:28

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2-23RD-ST

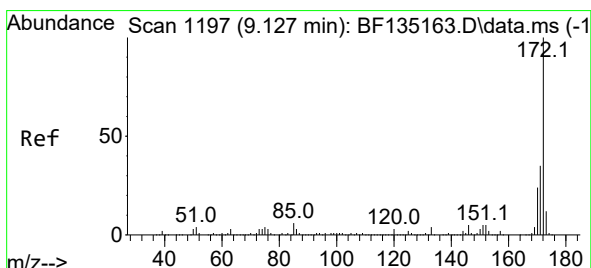
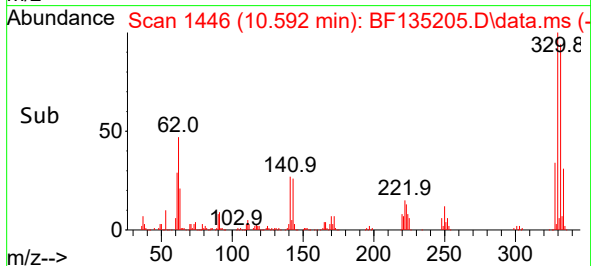
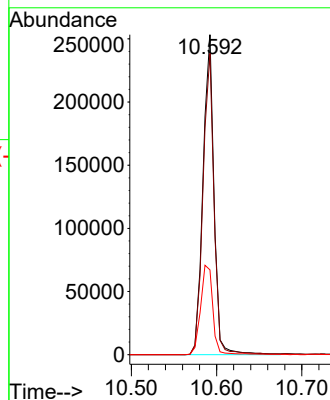
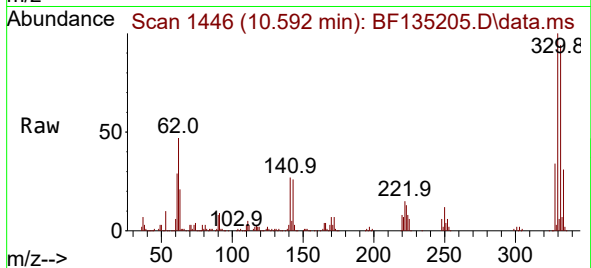
Tgt Ion:330 Resp: 227395

Ion Ratio Lower Upper

330 100

332 94.4 77.3 115.9

141 31.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 85.459 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135205.D

Acq: 13 Sep 2023 04:28

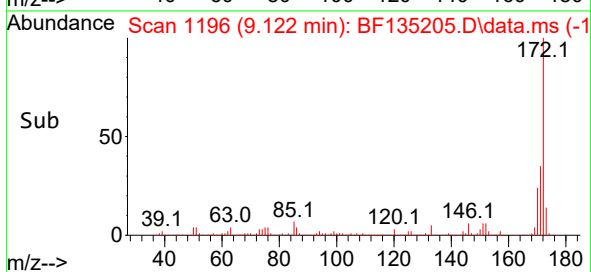
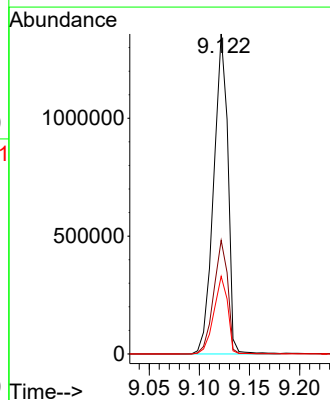
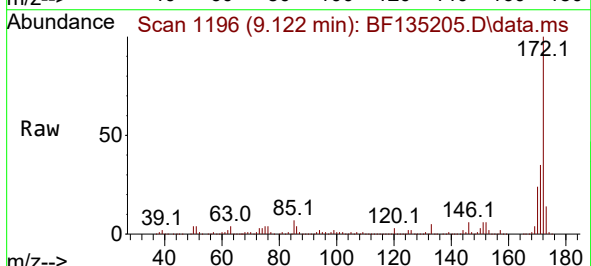
Tgt Ion:172 Resp: 1341096

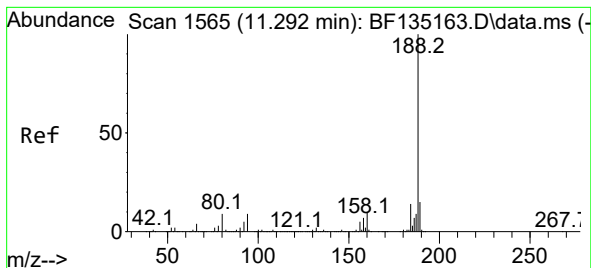
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF135205.D

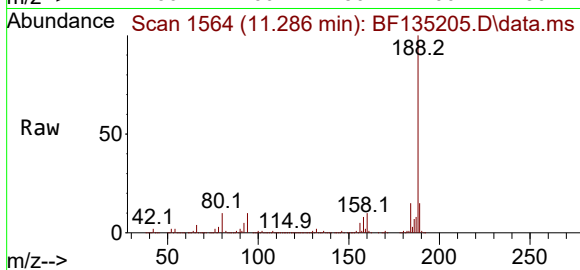
Acq: 13 Sep 2023 04:28

Instrument :

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ClientSampleId :

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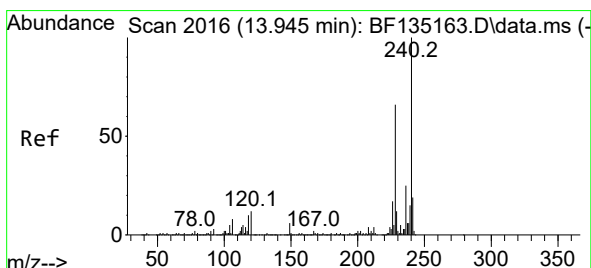
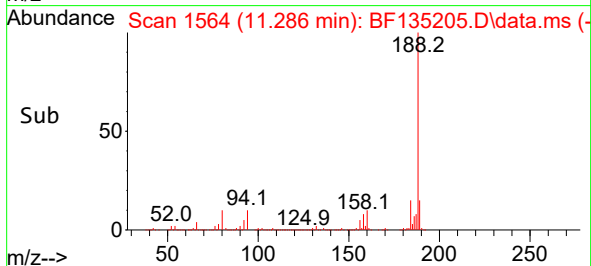
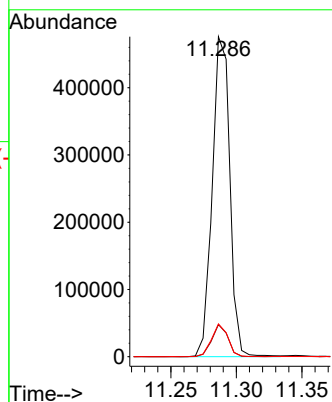
Tgt Ion:188 Resp: 443367

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.3 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135205.D

Acq: 13 Sep 2023 04:28

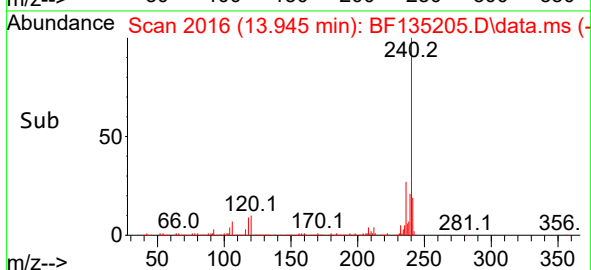
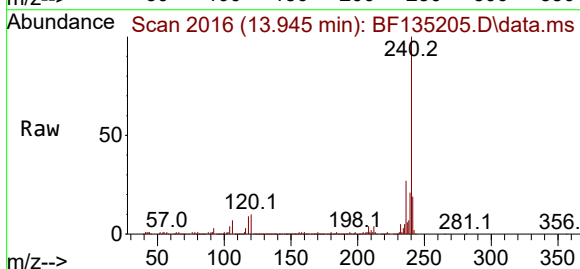
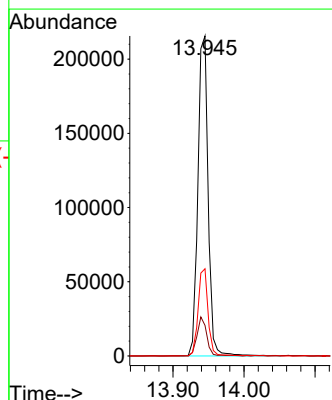
Tgt Ion:240 Resp: 216962

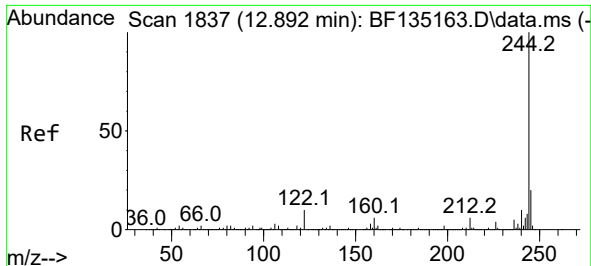
Ion Ratio Lower Upper

240 100

120 9.5 9.4 14.2

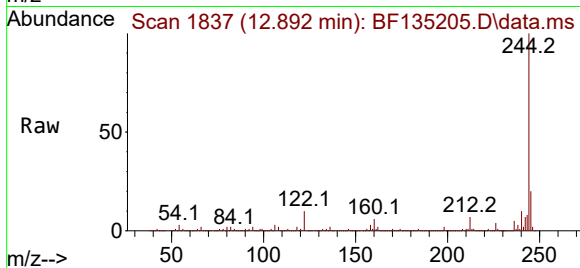
236 27.3 19.8 29.8



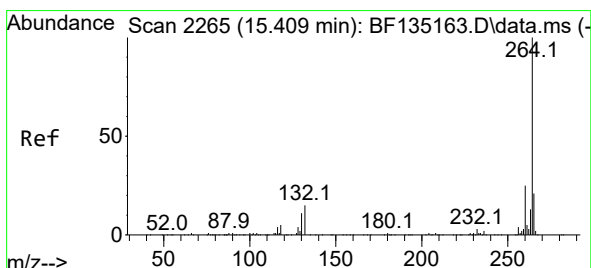
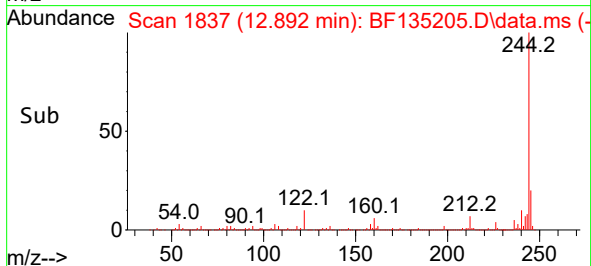
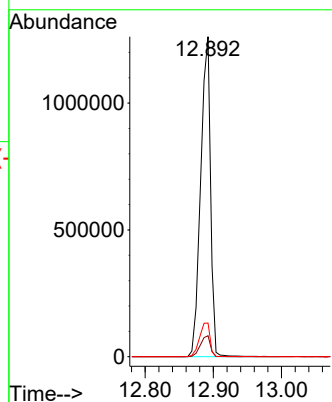


#79
 Terphenyl-d14
 Concen: 90.829 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135205.D
 Acq: 13 Sep 2023 04:28

Instrument :
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 SAMPLE-2-23RD-ST



Tgt Ion:244 Resp: 1271229
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135205.D
 Acq: 13 Sep 2023 04:28

Tgt Ion:264 Resp: 239347
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 22.3 17.0 25.4

