

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135720.D
 Acq On : 11 Oct 2023 18:45
 Operator : CG\JU
 Sample : 04791-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Oct 12 00:50:30 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 11 02:43:17 2023
 Response via : Initial Calibration

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

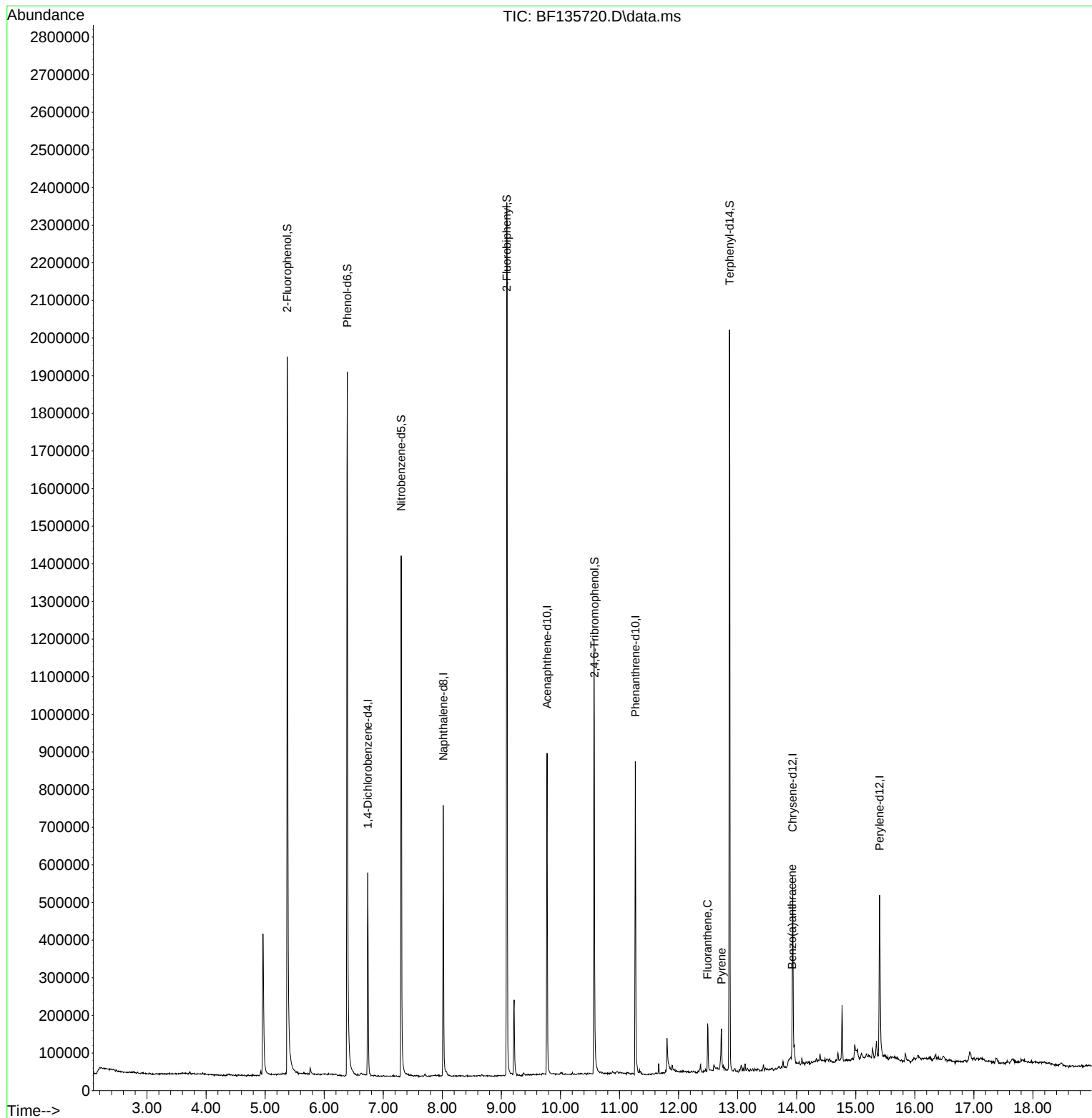
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	82198	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	312611	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	174667	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	307304	20.000	ng	0.00
76) Chrysene-d12	13.933	240	160642	20.000	ng	0.00
86) Perylene-d12	15.404	264	210536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	591993	117.137	ng	0.00
7) Phenol-d6	6.392	99	676138	105.215	ng	0.00
23) Nitrobenzene-d5	7.304	82	417167	72.500	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	146304	84.288	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	781665	67.518	ng	0.00
79) Terphenyl-d14	12.863	244	698305	67.386	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.492	202	56516	3.732	ng	97
78) Pyrene	12.727	202	46548	3.043	ng	98
81) Benzo(a)anthracene	13.921	228	21151	2.039	ng	97

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

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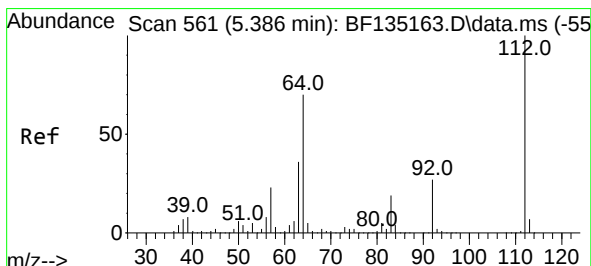
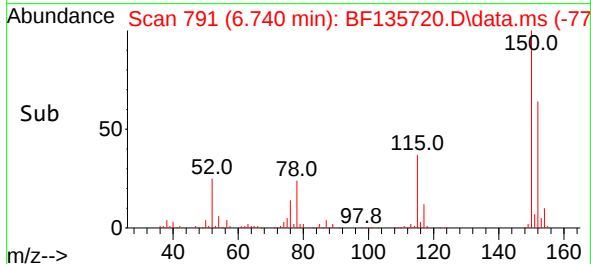
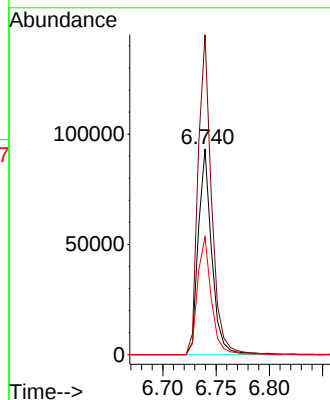
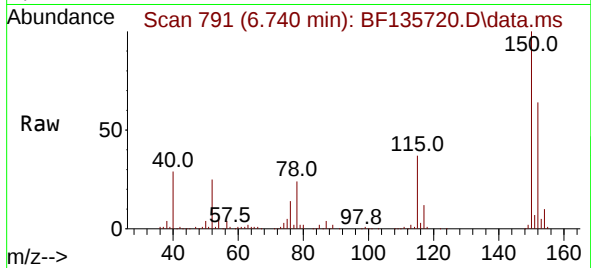




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135720.D
Acq: 11 Oct 2023 18:45

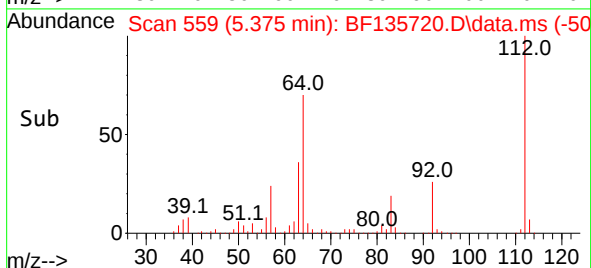
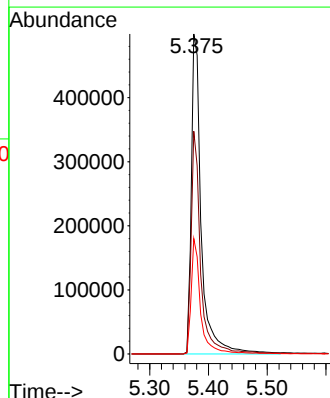
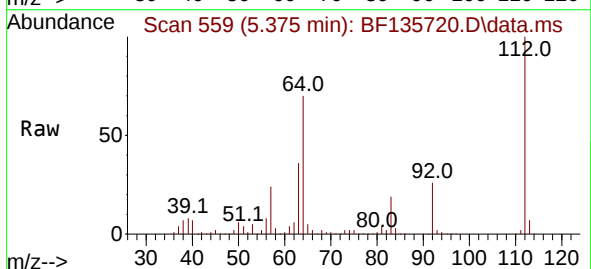
Instrument :
BNA_F
ClientSampleId :
TP-3

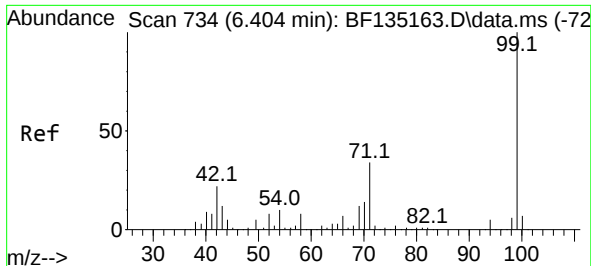
Tgt Ion:152 Resp: 82198
Ion Ratio Lower Upper
152 100
150 155.5 127.8 191.6
115 57.2 49.8 74.8



#5
2-Fluorophenol
Concen: 117.137 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135720.D
Acq: 11 Oct 2023 18:45

Tgt Ion:112 Resp: 591993
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 36.1 29.0 43.6

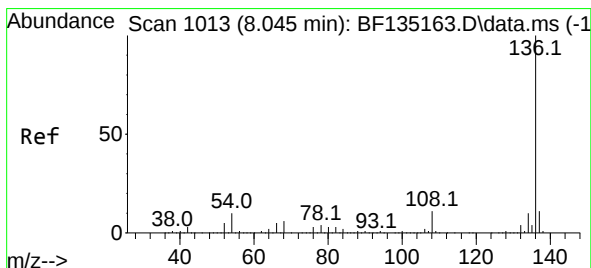
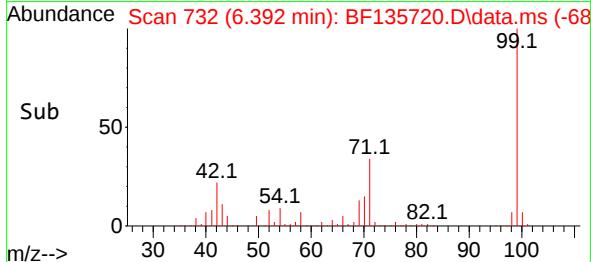
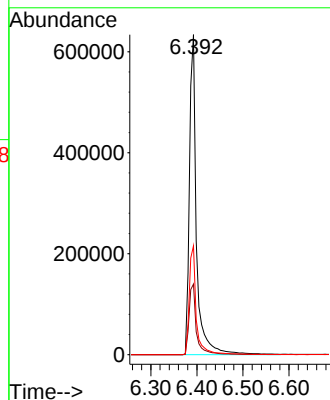
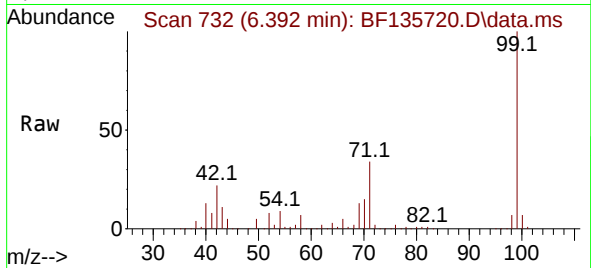




#7
Phenol-d6
Concen: 105.215 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135720.D
Acq: 11 Oct 2023 18:45

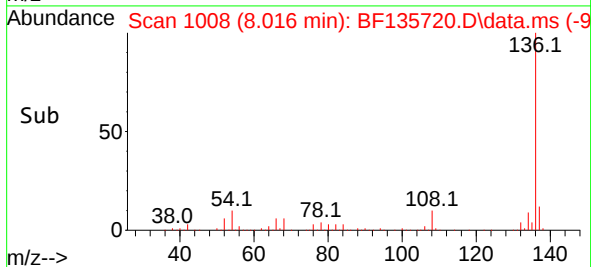
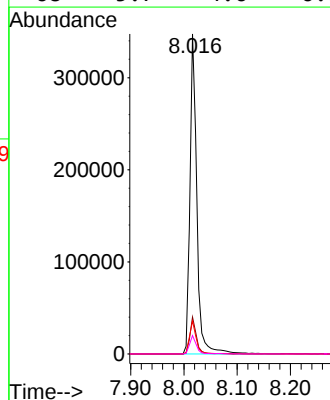
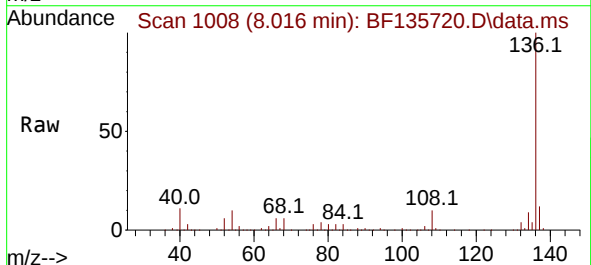
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ClientSampleId :
TP-3

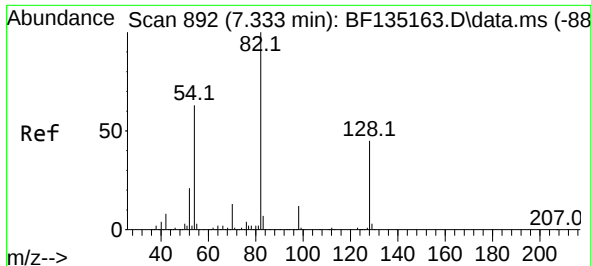
Tgt Ion: 99 Resp: 676138
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 34.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135720.D
Acq: 11 Oct 2023 18:45

Tgt Ion: 136 Resp: 312611
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.3 7.7 11.5
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 72.500 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135720.D

Acq: 11 Oct 2023 18:45

Instrument :

BNA_F

ClientSampleId :

TP-3

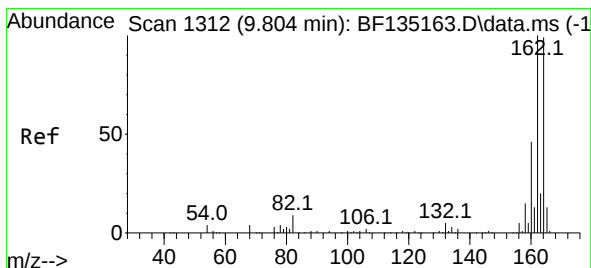
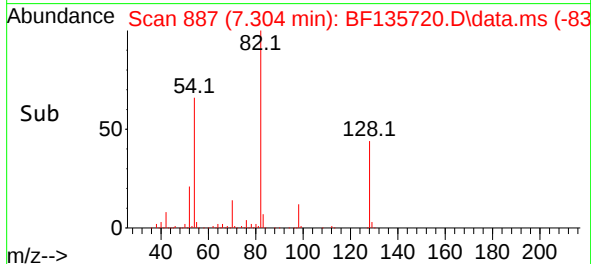
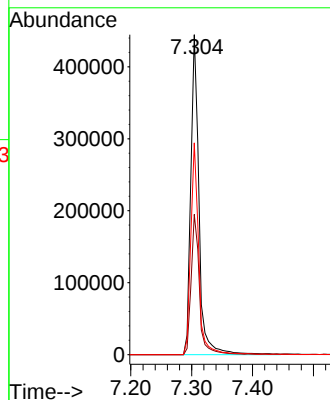
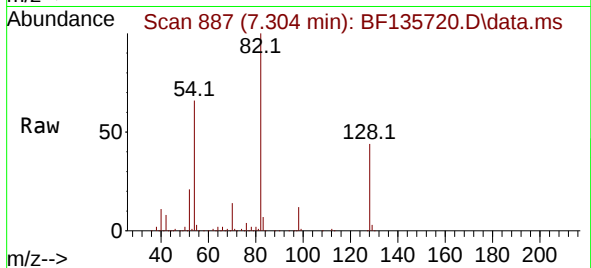
Tgt Ion: 82 Resp: 417167

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.6

54 66.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF135720.D

Acq: 11 Oct 2023 18:45

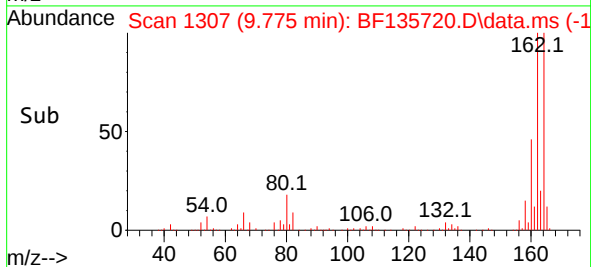
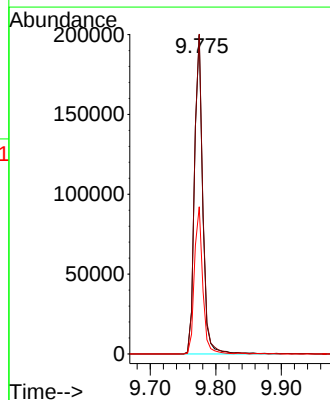
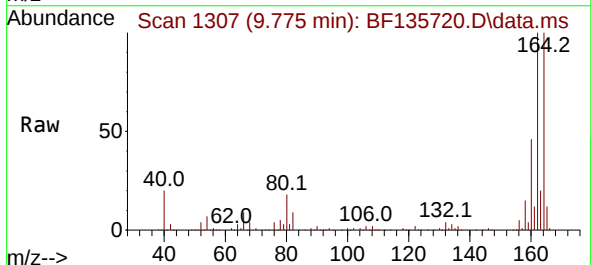
Tgt Ion:164 Resp: 174667

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

160 46.2 37.0 55.4

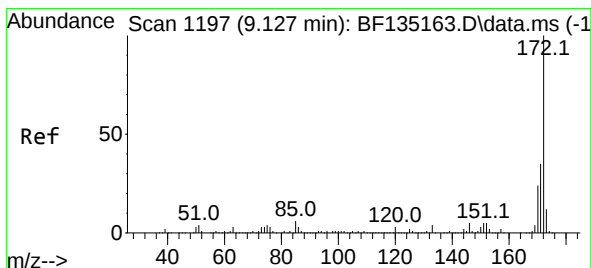
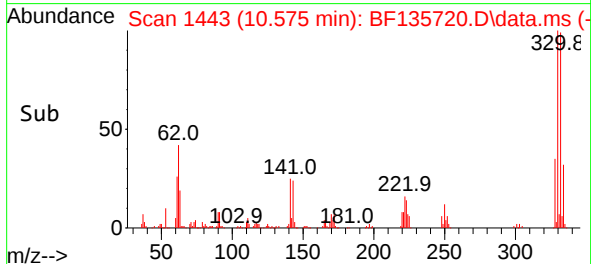
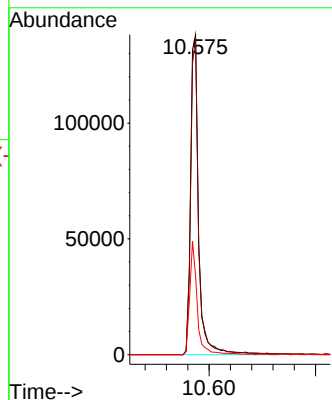
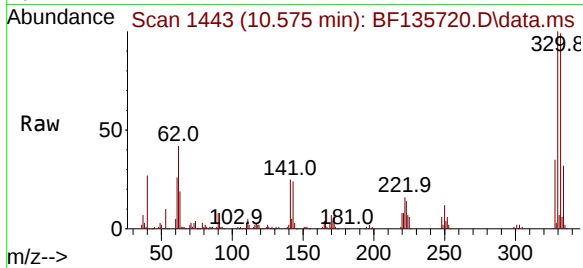




#42
2,4,6-Tribromophenol
Concen: 84.288 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF135720.D
Acq: 11 Oct 2023 18:45

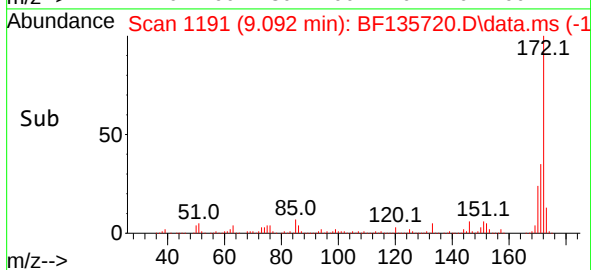
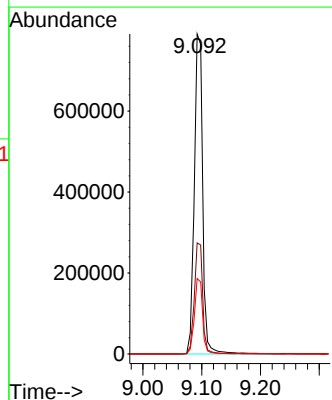
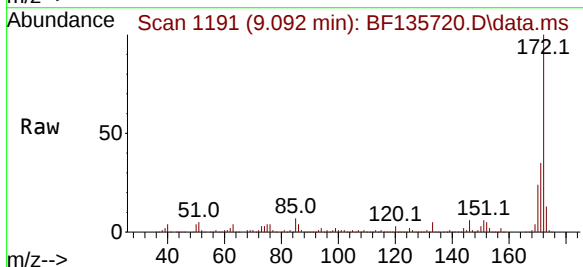
Instrument :
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TP-3

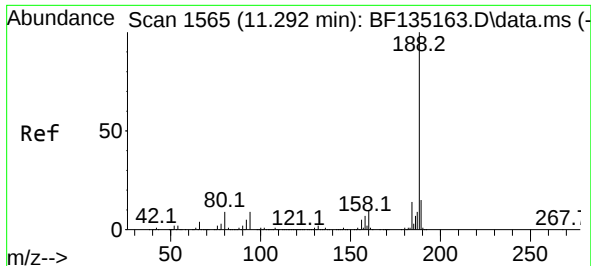
Tgt Ion:330 Resp: 146304
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 32.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 67.518 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135720.D
Acq: 11 Oct 2023 18:45

Tgt Ion:172 Resp: 781665
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.6 19.0 28.4

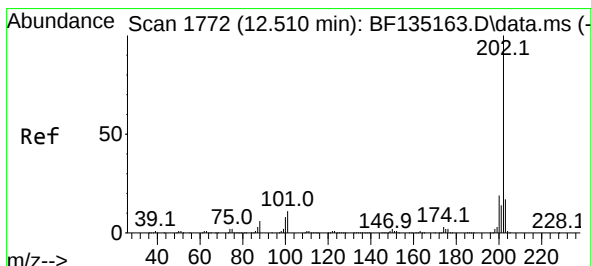
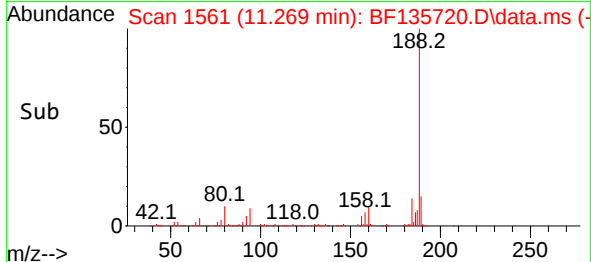
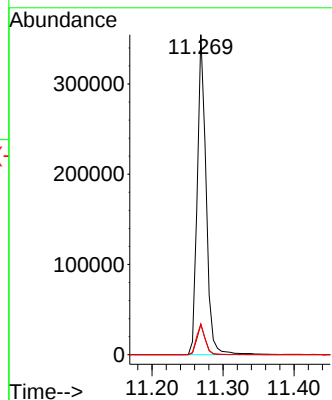
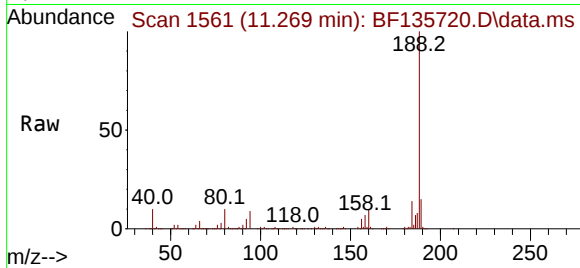




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135720.D
Acq: 11 Oct 2023 18:45

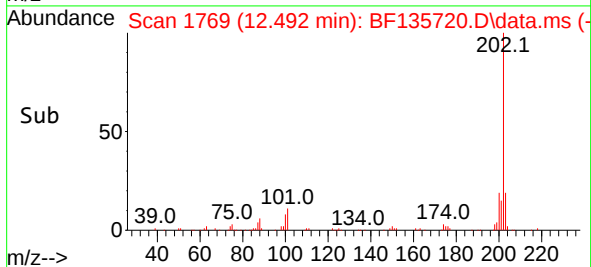
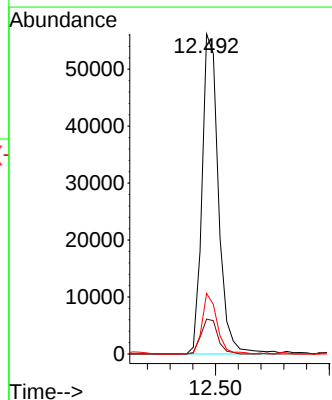
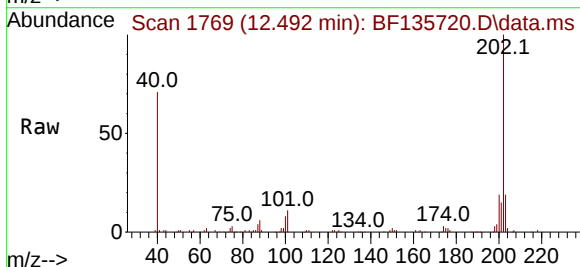
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BNA_F
ClientSampleId :
TP-3

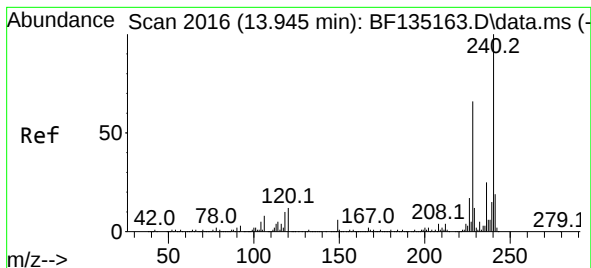
Tgt Ion:188 Resp: 307304
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.6 7.5 11.3



#75
Fluoranthene
Concen: 3.732 ng
RT: 12.492 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF135720.D
Acq: 11 Oct 2023 18:45

Tgt Ion:202 Resp: 56516
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.3
203 18.9 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135720.D

Acq: 11 Oct 2023 18:45

Instrument :

BNA_F

ClientSampleId :

TP-3

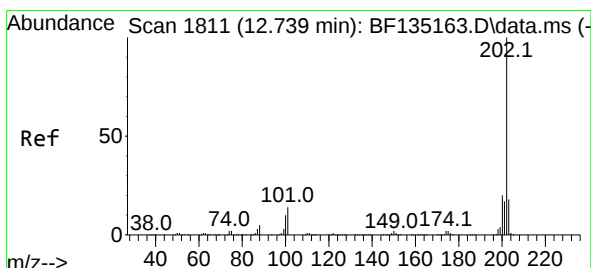
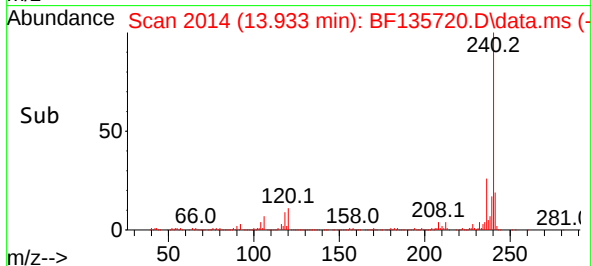
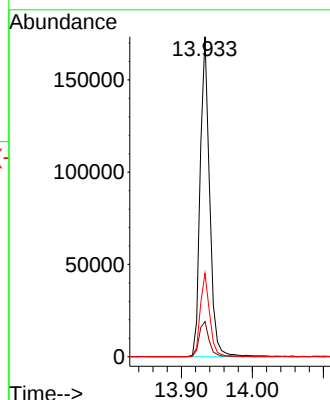
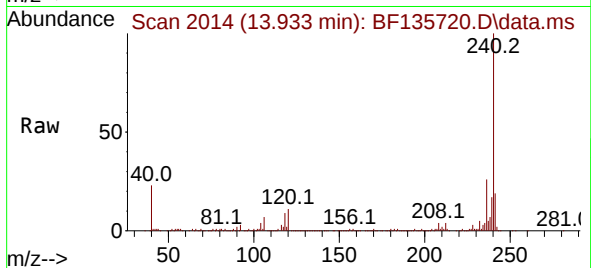
Tgt Ion:240 Resp: 160642

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 26.1 19.8 29.8



#78

Pyrene

Concen: 3.043 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF135720.D

Acq: 11 Oct 2023 18:45

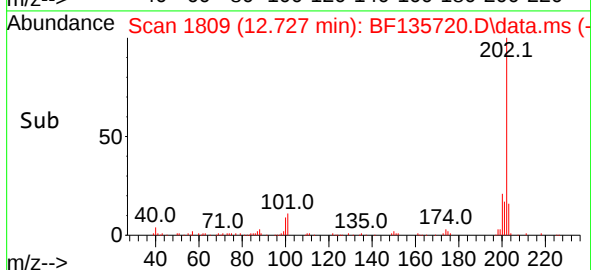
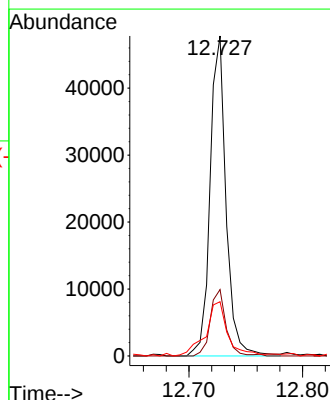
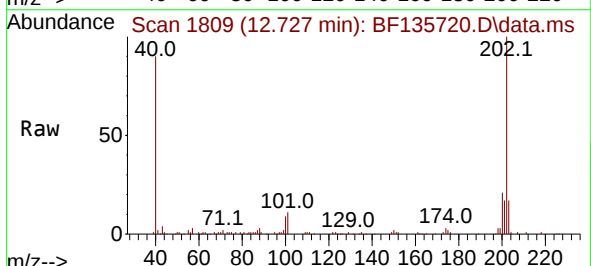
Tgt Ion:202 Resp: 46548

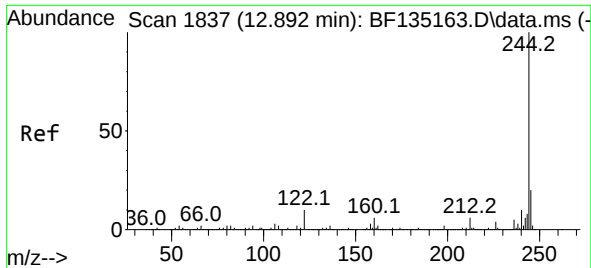
Ion Ratio Lower Upper

202 100

200 20.7 16.2 24.2

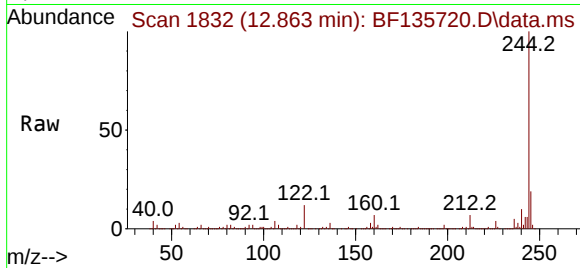
203 17.0 14.2 21.4



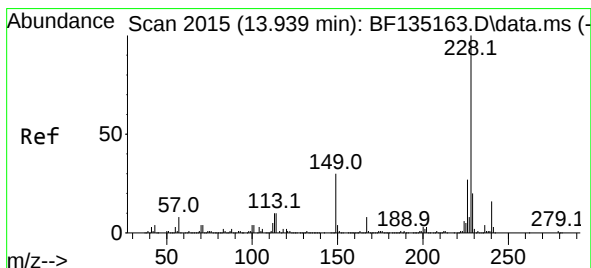
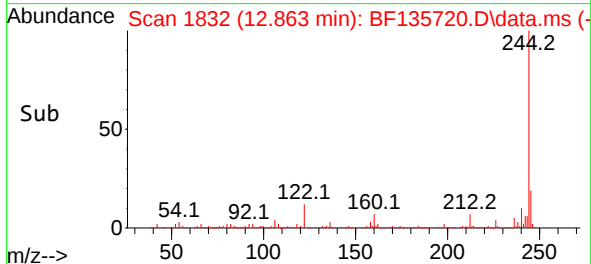
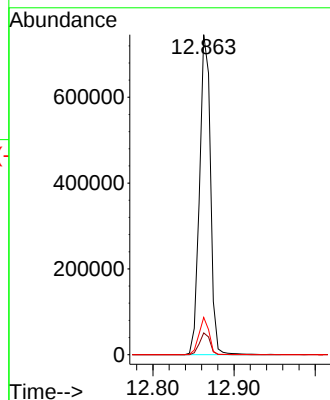


#79
 Terphenyl-d14
 Concen: 67.386 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135720.D
 Acq: 11 Oct 2023 18:45

Instrument :
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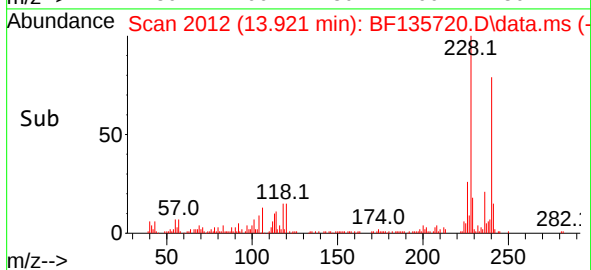
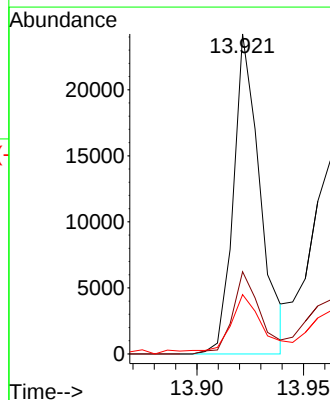
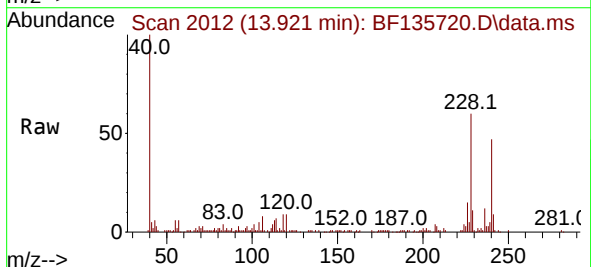


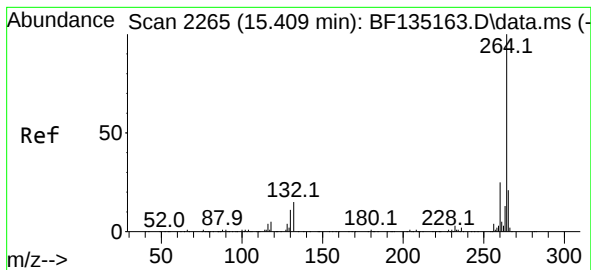
Tgt Ion:244 Resp: 698305
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.6 7.9 11.9



#81
 Benzo(a)anthracene
 Concen: 2.039 ng
 RT: 13.921 min Scan# 2012
 Delta R.T. -0.006 min
 Lab File: BF135720.D
 Acq: 11 Oct 2023 18:45

Tgt Ion:228 Resp: 21151
 Ion Ratio Lower Upper
 228 100
 226 25.7 21.7 32.5
 229 18.5 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135720.D

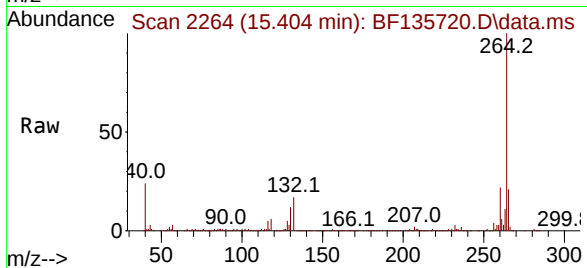
Acq: 11 Oct 2023 18:45

Instrument :

BNA_F

ClientSampleId :

TP-3



Tgt Ion:264 Resp: 210536

Ion Ratio Lower Upper

264 100

260 22.2 19.8 29.6

265 21.4 17.0 25.4

