

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135731.D
 Acq On : 12 Oct 2023 13:20
 Operator : CG\JU
 Sample : 04685-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Oct 13 00:55:00 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	6.739	152	88286	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	320559	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	158965	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	269583	20.000	ng	0.00
76) Chrysene-d12	13.933	240	166704	20.000	ng	0.00
86) Perylene-d12	15.410	264	157263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	328997	60.609	ng	0.00
7) Phenol-d6	6.392	99	236940	34.328	ng	0.00
23) Nitrobenzene-d5	7.310	82	613562	103.989	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	203501	128.820	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1101269	104.520	ng	0.00
79) Terphenyl-d14	12.868	244	1015793	94.459	ng	0.00

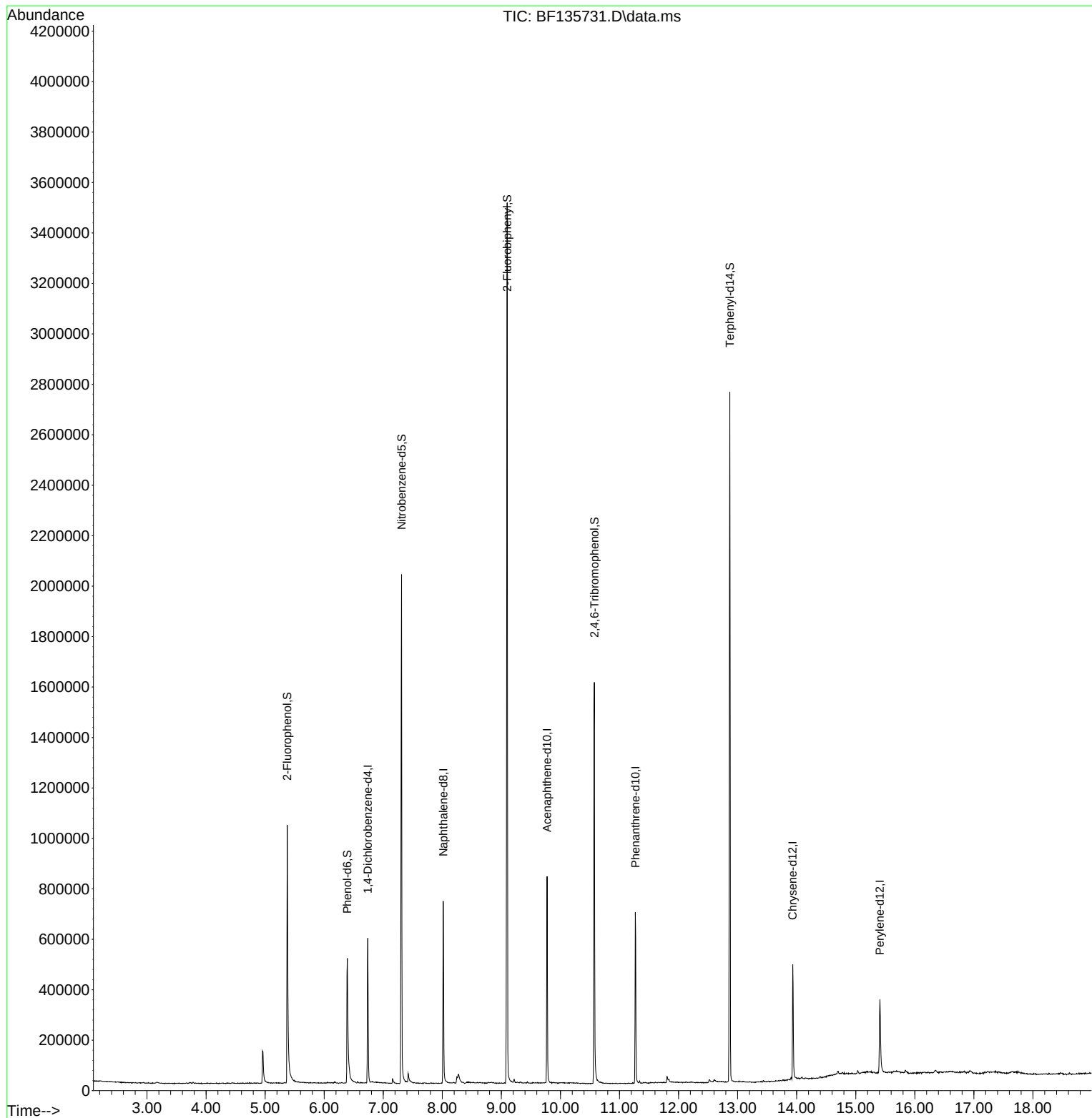
Target Compounds	Qvalue

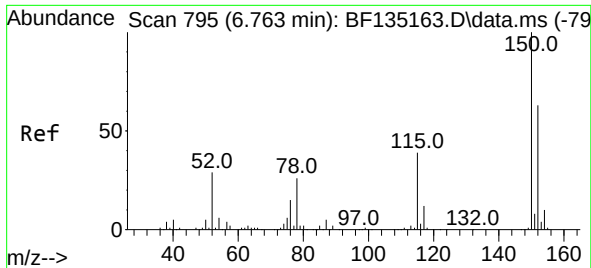
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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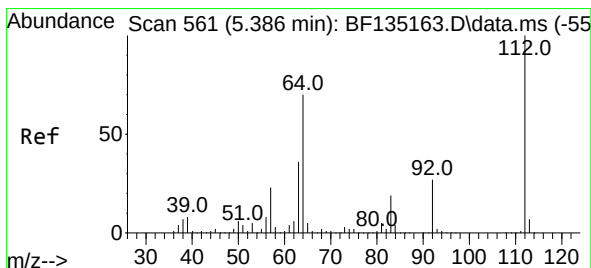
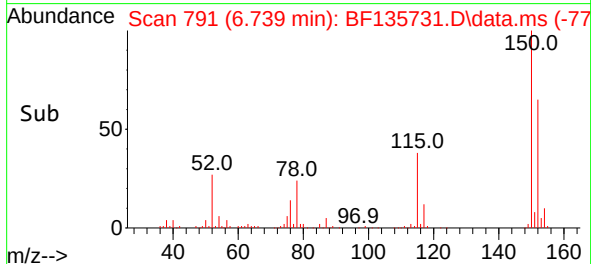
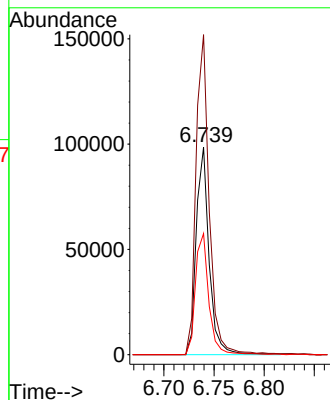
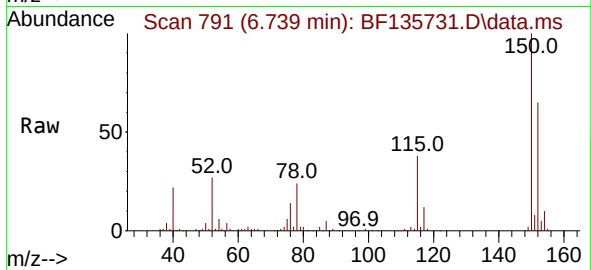




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135731.D
 Acq: 12 Oct 2023 13:20

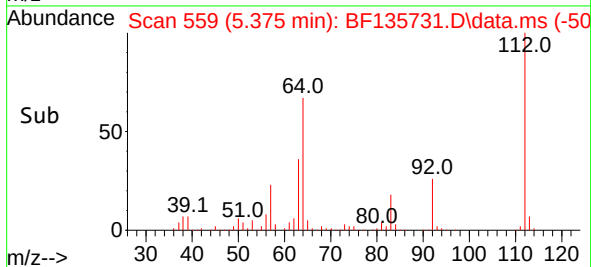
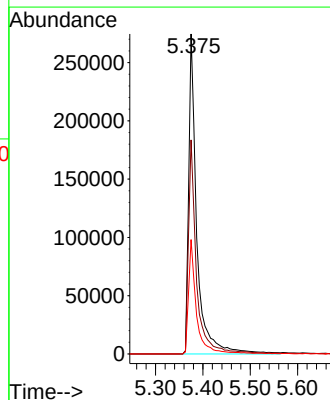
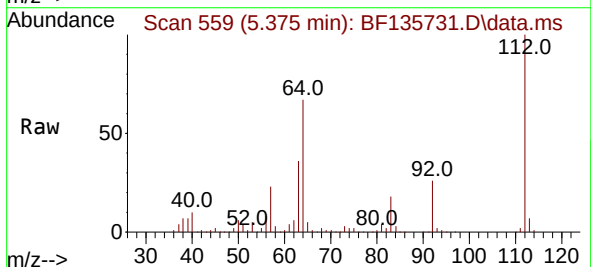
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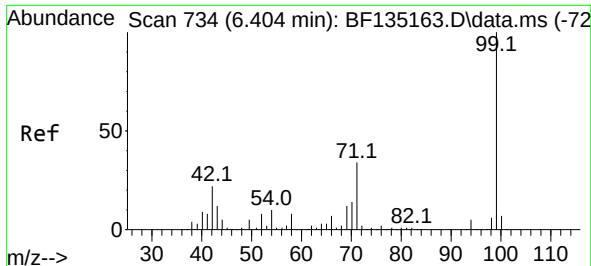
Tgt Ion:152 Resp: 88286
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.8 191.6
 115 58.4 49.8 74.8



#5
 2-Fluorophenol
 Concen: 60.609 ng
 RT: 5.375 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: BF135731.D
 Acq: 12 Oct 2023 13:20

Tgt Ion:112 Resp: 328997
 Ion Ratio Lower Upper
 112 100
 64 66.9 55.9 83.9
 63 35.8 29.0 43.6

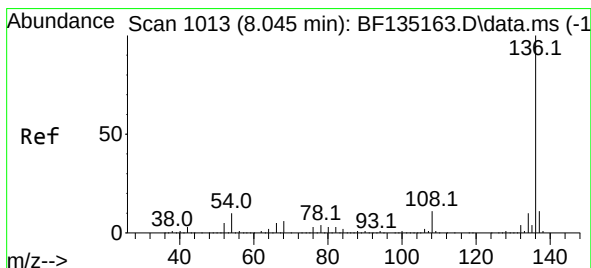
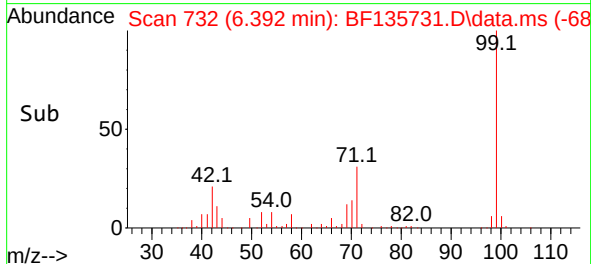
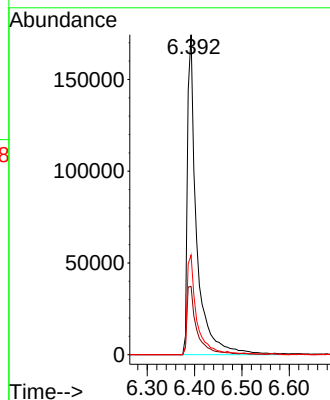
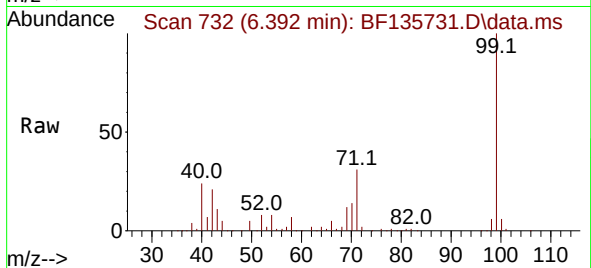




#7
Phenol-d6
Concen: 34.328 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135731.D
Acq: 12 Oct 2023 13:20

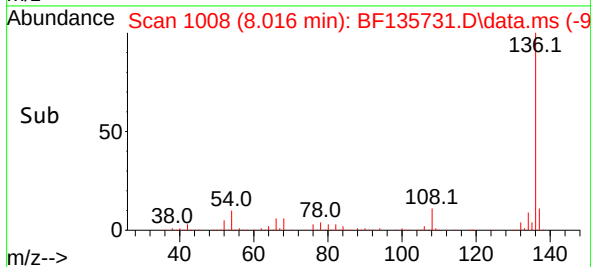
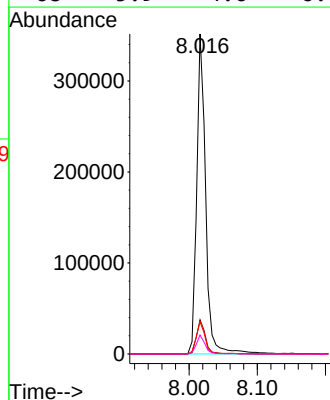
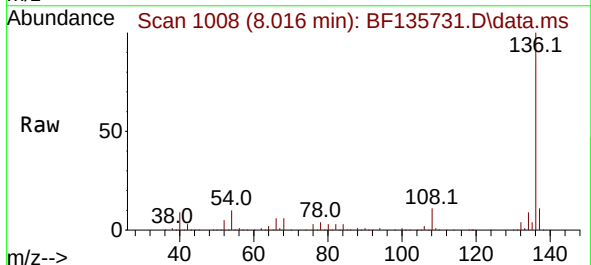
Instrument :
BNA_F
ClientSampleId :
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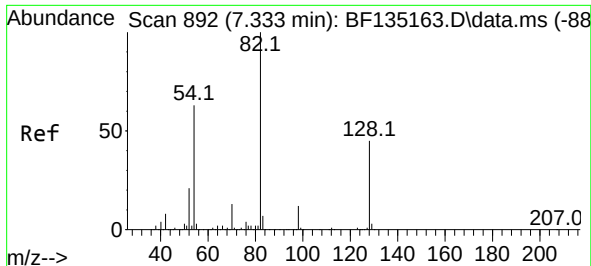
Tgt Ion: 99 Resp: 236940
Ion Ratio Lower Upper
99 100
42 21.3 17.9 26.9
71 31.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135731.D
Acq: 12 Oct 2023 13:20

Tgt Ion: 136 Resp: 320559
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.1 7.7 11.5
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 103.989 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF135731.D

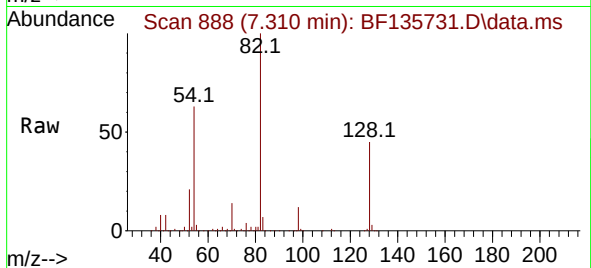
Acq: 12 Oct 2023 13:20

Instrument :

BNA_F

ClientSampleId :

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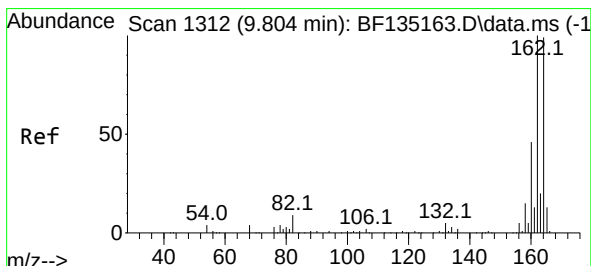
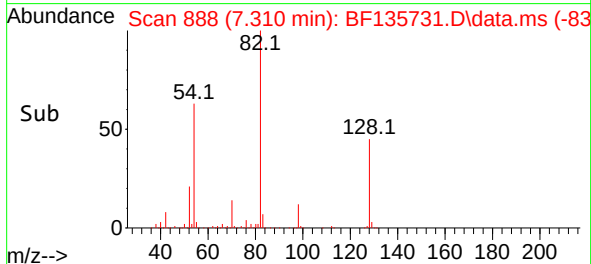
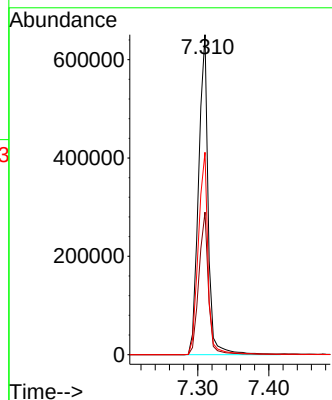
Tgt Ion: 82 Resp: 613562

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.6

54 63.3 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: BF135731.D

Acq: 12 Oct 2023 13:20

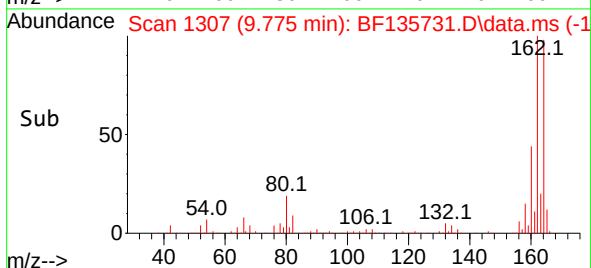
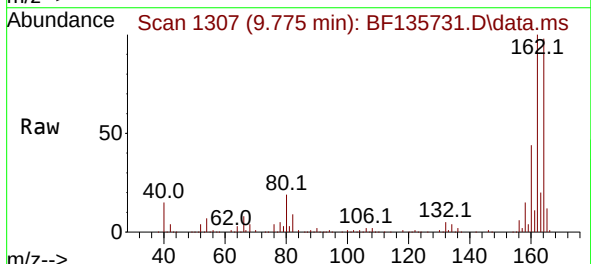
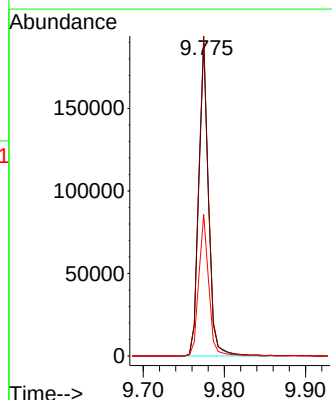
Tgt Ion:164 Resp: 158965

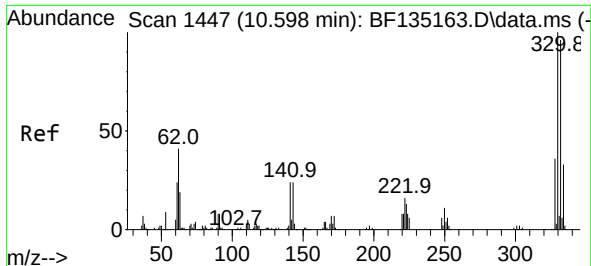
Ion Ratio Lower Upper

164 100

162 102.2 81.0 121.4

160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 128.820 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF135731.D

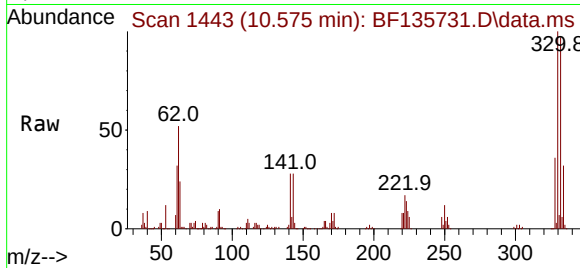
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Instrument :

BNA_F

ClientSampleId :

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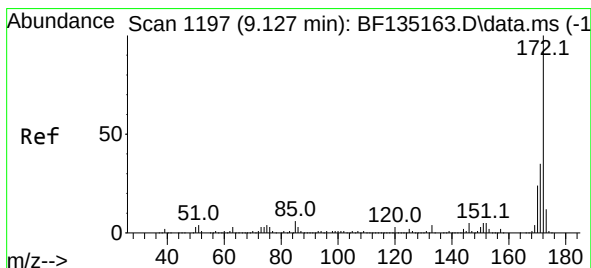
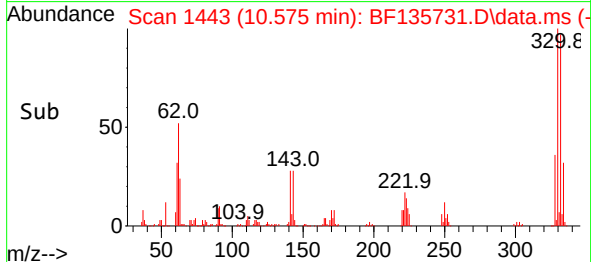
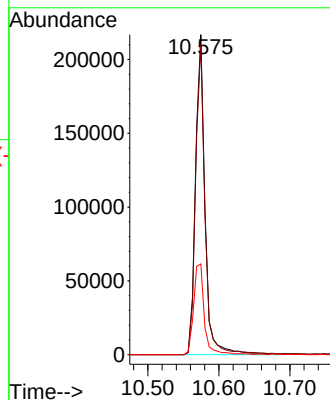
Tgt Ion:330 Resp: 203501

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 31.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 104.520 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF135731.D

Acq: 12 Oct 2023 13:20

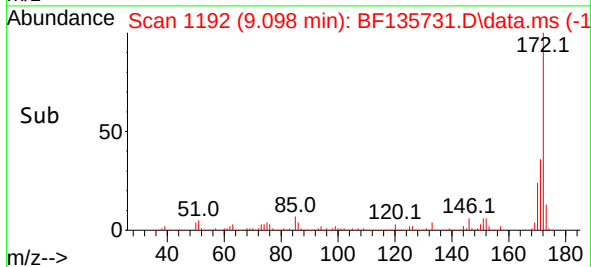
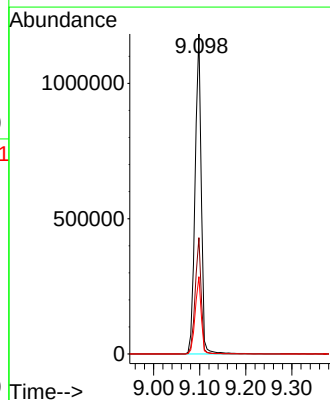
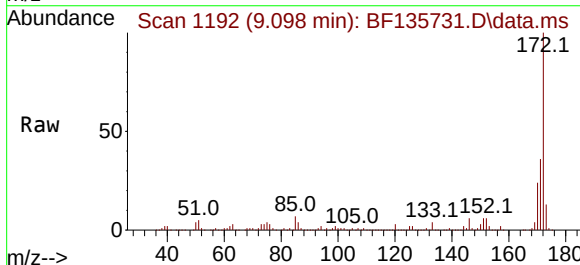
Tgt Ion:172 Resp: 1101269

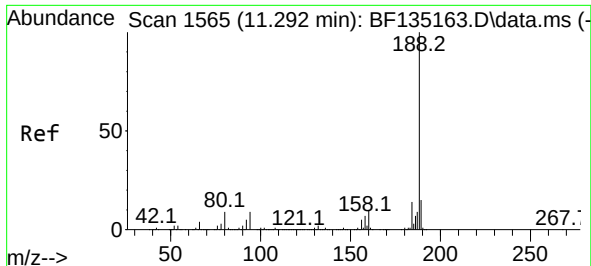
Ion Ratio Lower Upper

172 100

171 36.4 28.4 42.6

170 24.2 19.0 28.4

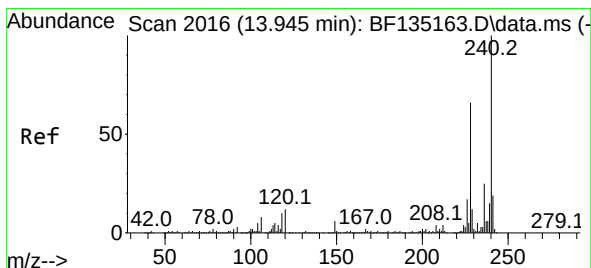
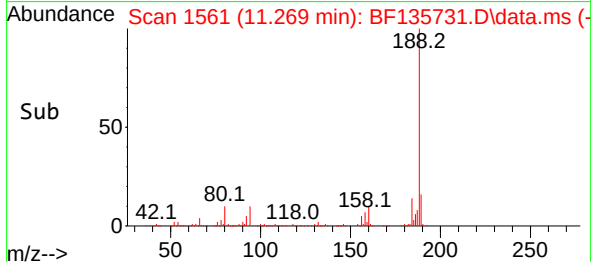
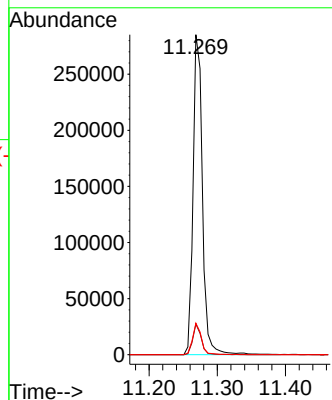
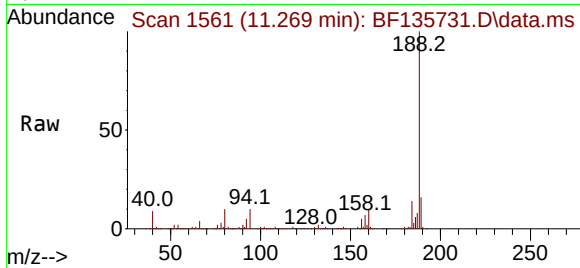




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135731.D
Acq: 12 Oct 2023 13:20

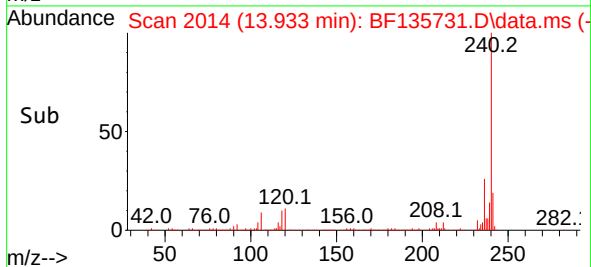
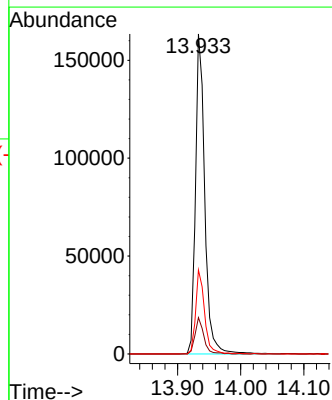
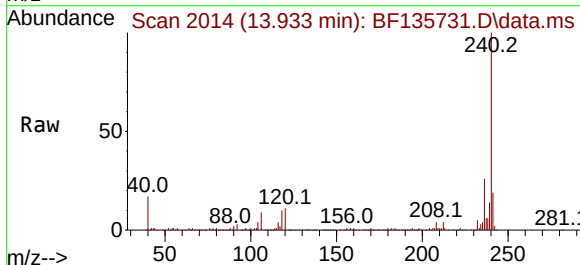
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ClientSampleId :
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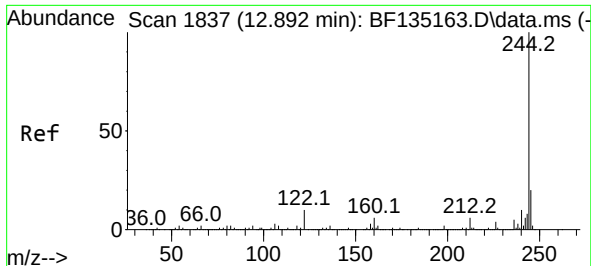
Tgt Ion:188 Resp: 269583
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135731.D
Acq: 12 Oct 2023 13:20

Tgt Ion:240 Resp: 166704
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 26.2 19.8 29.8



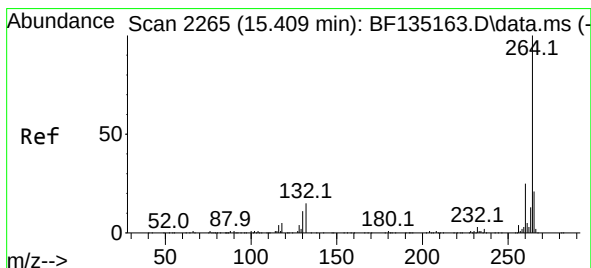
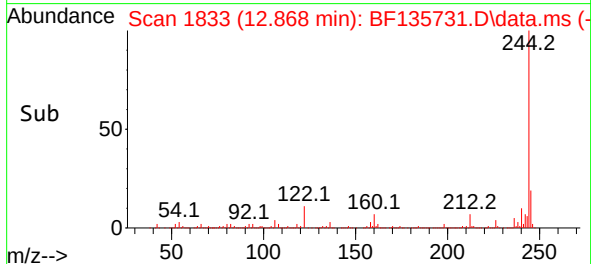
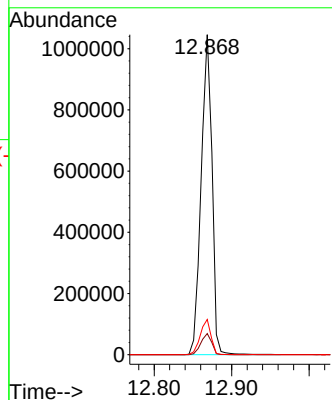
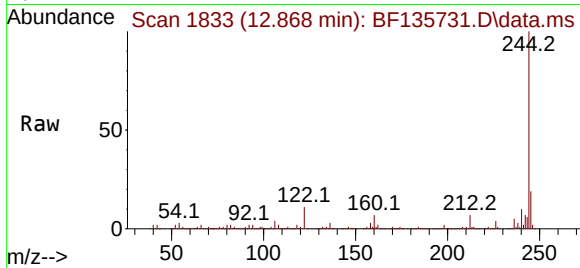


#79
 Terphenyl-d14
 Concen: 94.459 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135731.D
 Acq: 12 Oct 2023 13:20

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:244 Resp: 1015793

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.1	7.7
122	11.0	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135731.D
 Acq: 12 Oct 2023 13:20

Tgt Ion:264 Resp: 157263

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	20.4	17.0	25.4

