

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135791.D
 Acq On : 16 Oct 2023 22:55
 Operator : CG\JU
 Sample : 04844-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-06

Quant Time: Oct 17 01:59:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	100228	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	391613	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	193241	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	382555	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	200469	20.000	ng	-0.01
86) Perylene-d12	15.409	264	220968	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	878357	140.897	ng	0.01
7) Phenol-d6	6.392	99	1019888	131.118	ng	0.00
23) Nitrobenzene-d5	7.310	82	716387	100.611	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	302030	162.881	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1235713	99.981	ng	0.00
79) Terphenyl-d14	12.868	244	1295375	119.665	ng	-0.01

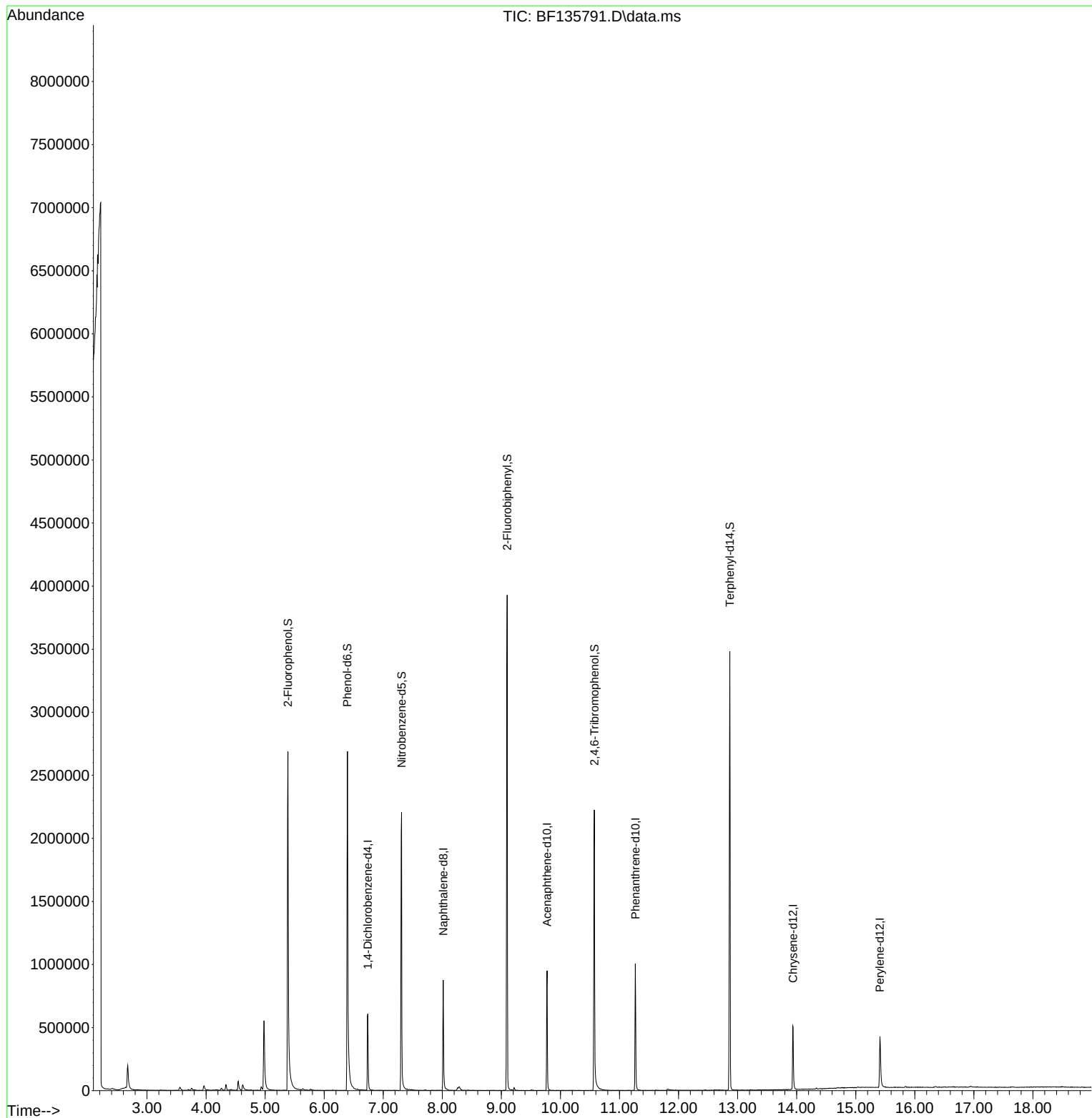
Target Compounds	Qvalue

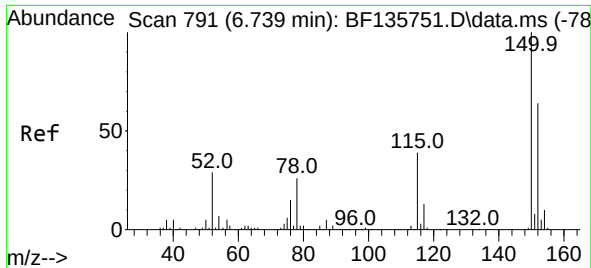
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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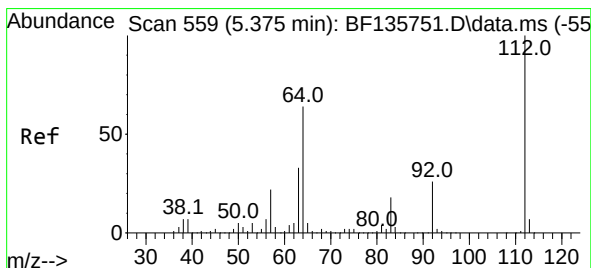
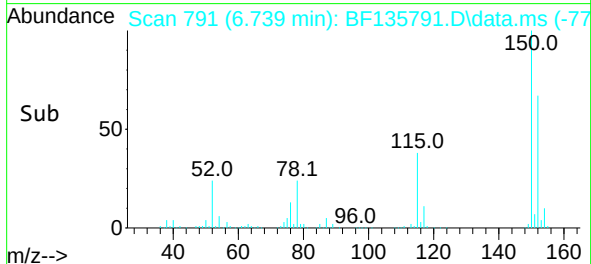
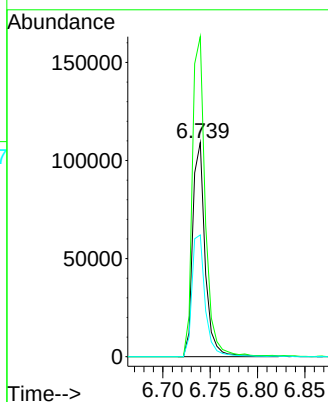
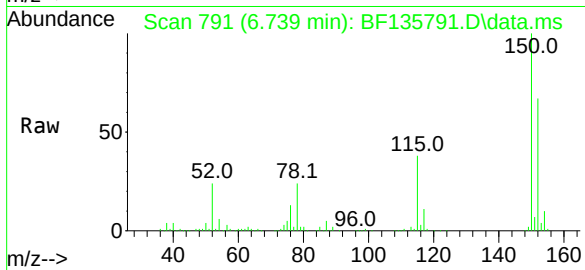




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135791.D
 Acq: 16 Oct 2023 22:55

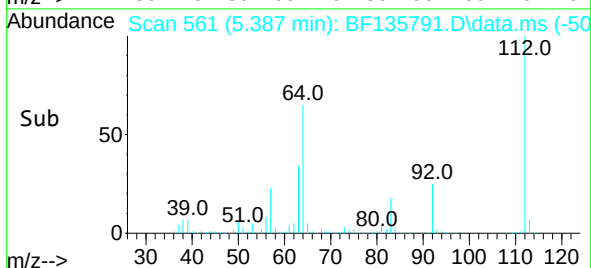
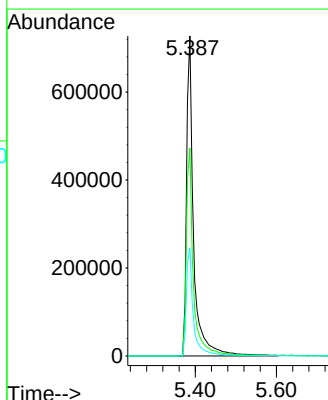
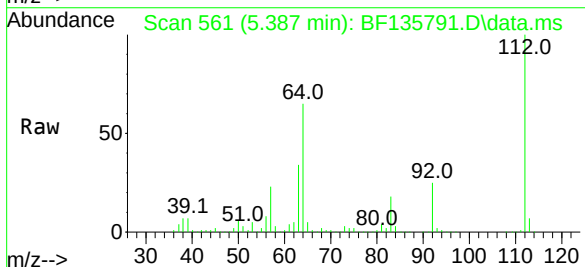
Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-06

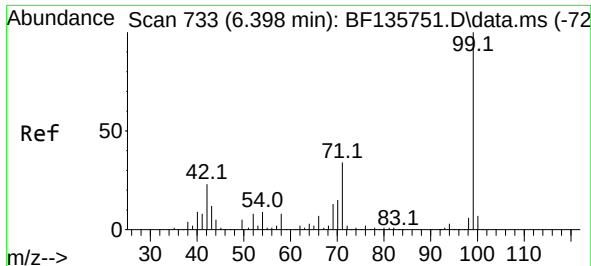
Tgt Ion:152 Resp: 100228
 Ion Ratio Lower Upper
 152 100
 150 149.4 124.5 186.7
 115 56.9 49.0 73.4



#5
 2-Fluorophenol
 Concen: 140.897 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.012 min
 Lab File: BF135791.D
 Acq: 16 Oct 2023 22:55

Tgt Ion:112 Resp: 878357
 Ion Ratio Lower Upper
 112 100
 64 64.9 51.2 76.8
 63 33.8 26.1 39.1

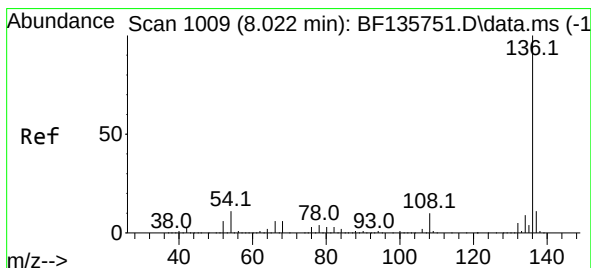
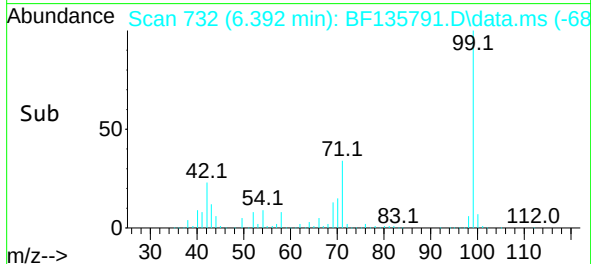
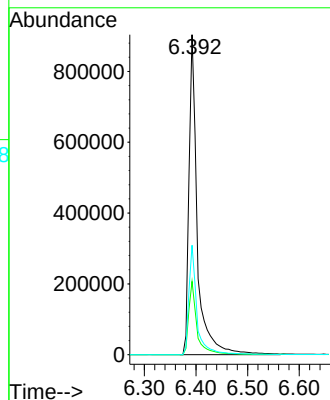
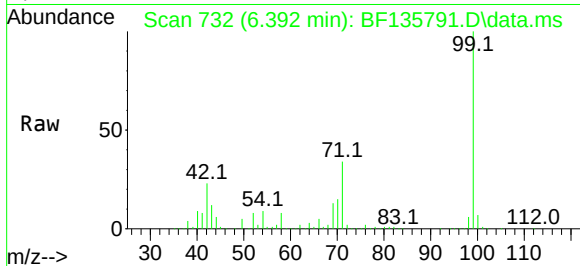




#7
Phenol-d6
Concen: 131.118 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

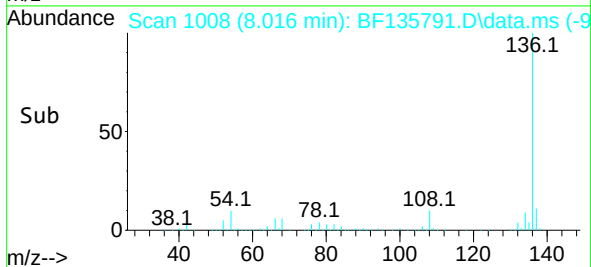
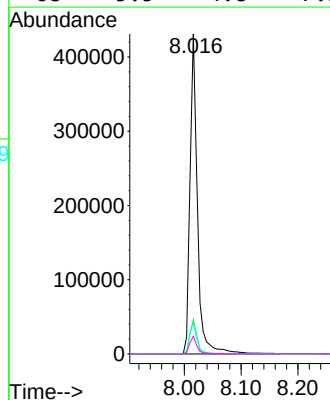
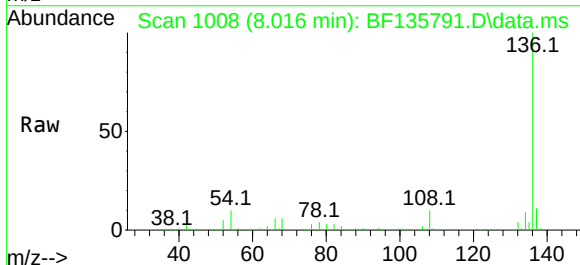
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-06

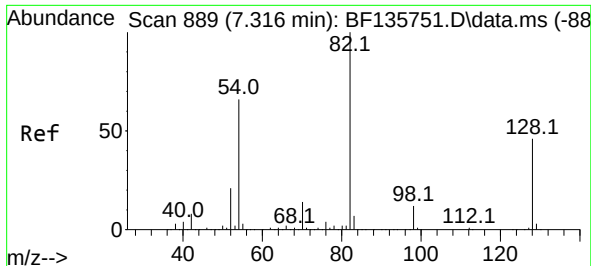
Tgt Ion: 99 Resp: 1019888
Ion Ratio Lower Upper
99 100
42 22.9 18.4 27.6
71 34.2 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

Tgt Ion: 136 Resp: 391613
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.6 8.5 12.7
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 100.611 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135791.D

Acq: 16 Oct 2023 22:55

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-06

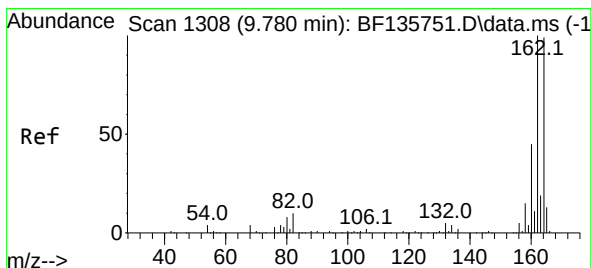
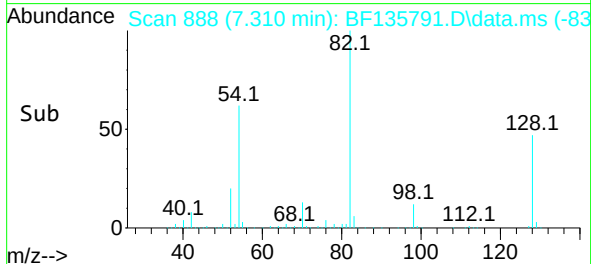
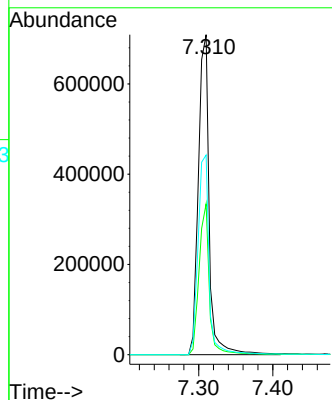
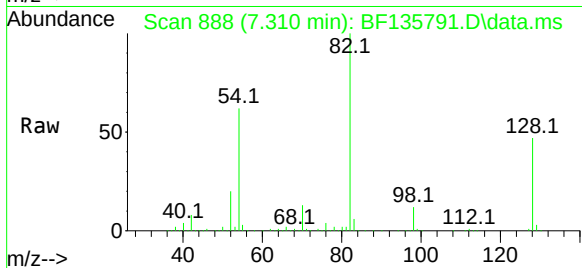
Tgt Ion: 82 Resp: 716387

Ion Ratio Lower Upper

82 100

128 47.1 37.0 55.6

54 62.4 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135791.D

Acq: 16 Oct 2023 22:55

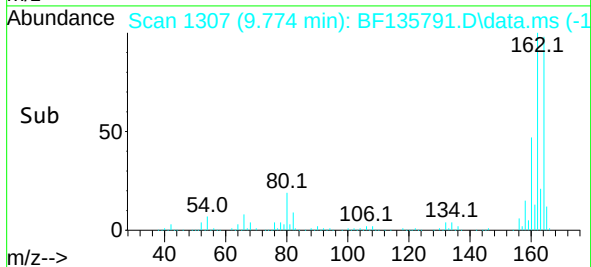
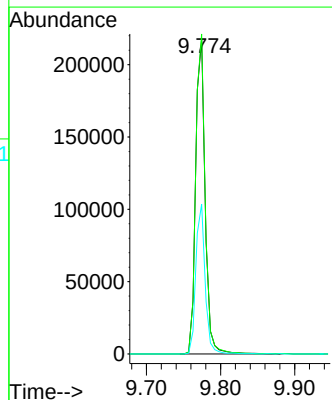
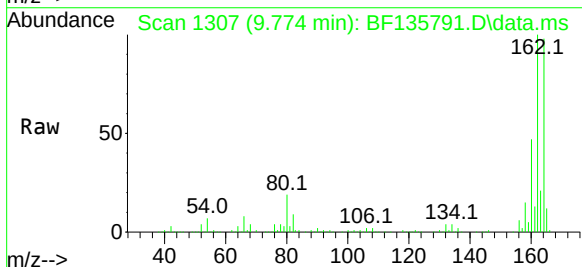
Tgt Ion:164 Resp: 193241

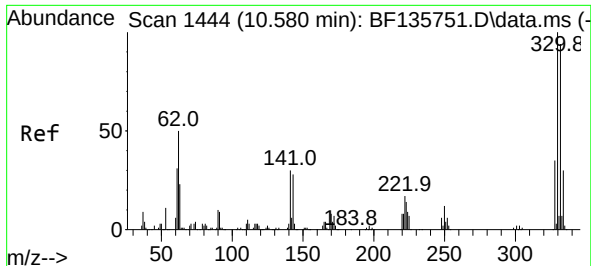
Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

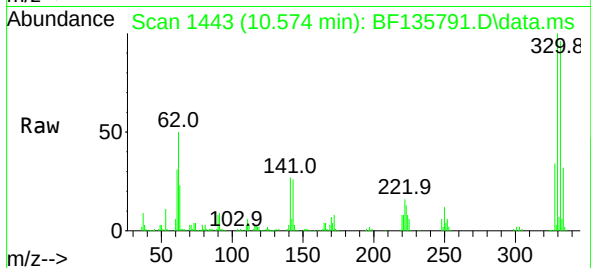
160 47.6 36.6 54.8



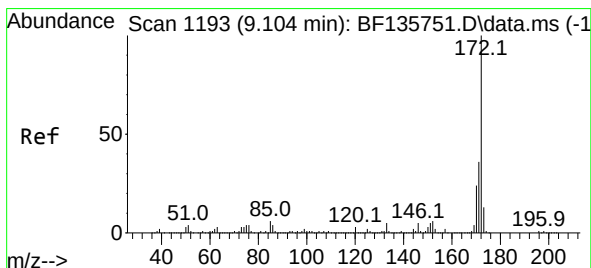
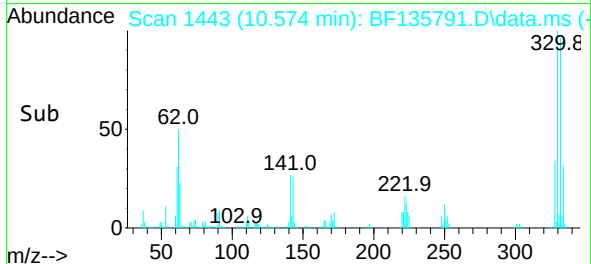
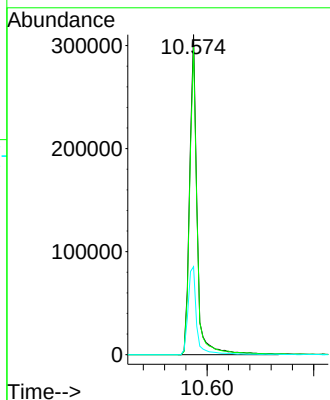


#42
2,4,6-Tribromophenol
Concen: 162.881 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-06

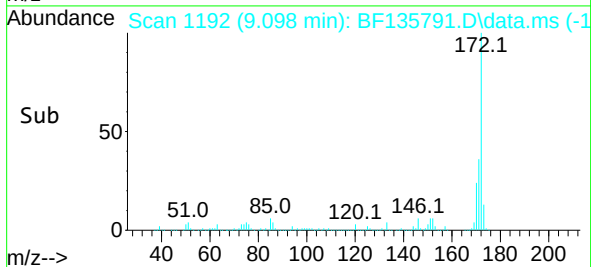
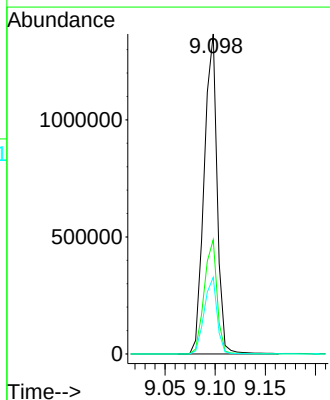
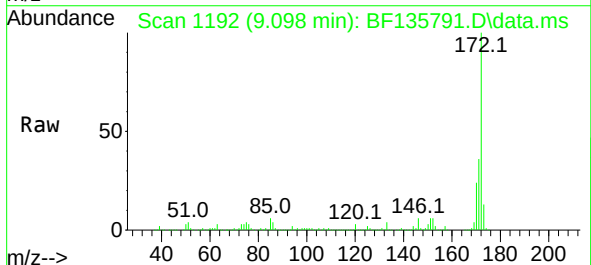


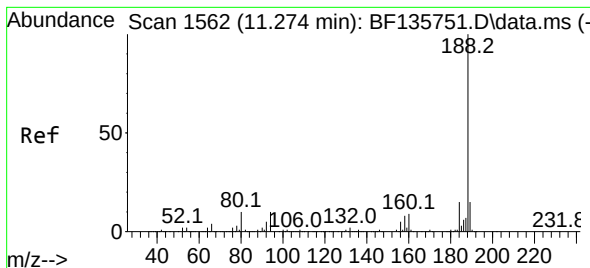
Tgt Ion:330 Resp: 302030
Ion Ratio Lower Upper
330 100
332 95.9 75.0 112.4
141 31.8 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 99.981 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

Tgt Ion:172 Resp: 1235713
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.0 18.8 28.2

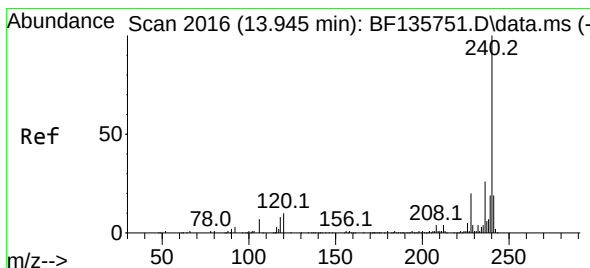
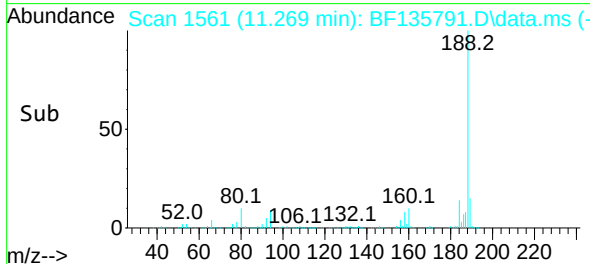
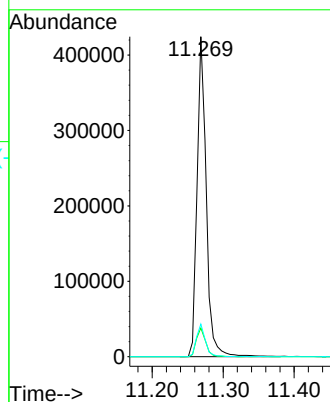
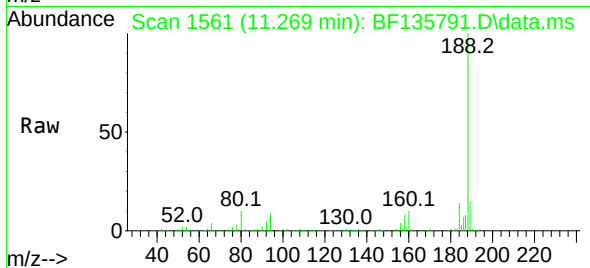




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

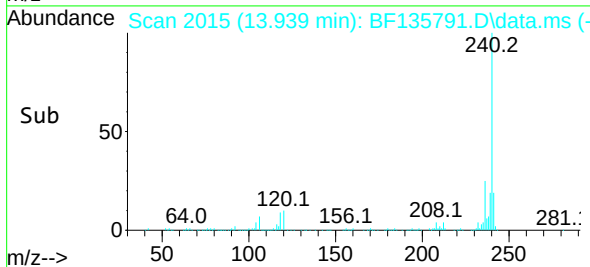
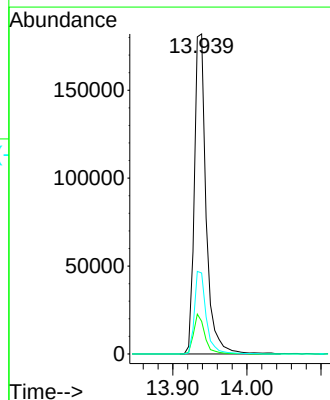
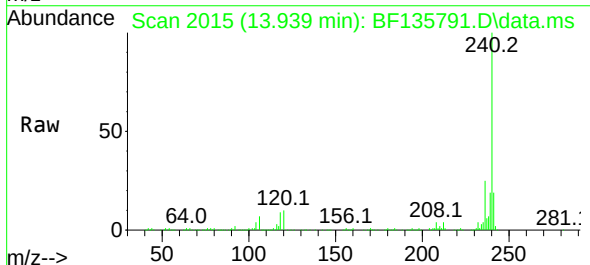
Instrument :
BNA_F
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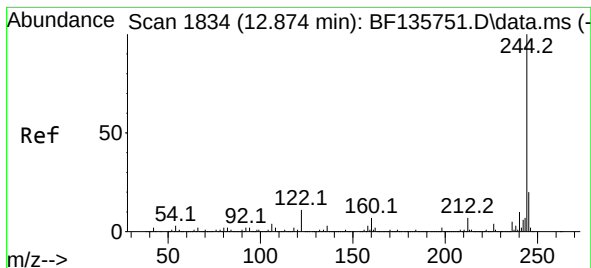
Tgt Ion:188 Resp: 382555
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

Tgt Ion:240 Resp: 200469
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 25.3 21.2 31.8





#79

Terphenyl-d14

Concen: 119.665 ng

RT: 12.868 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135791.D

Acq: 16 Oct 2023 22:55

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-06

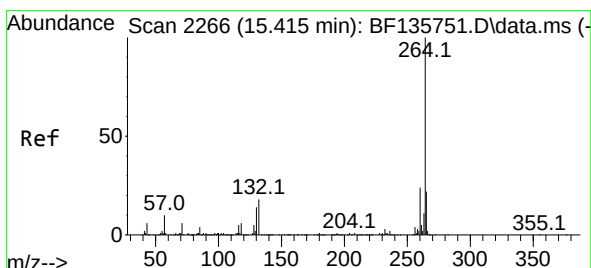
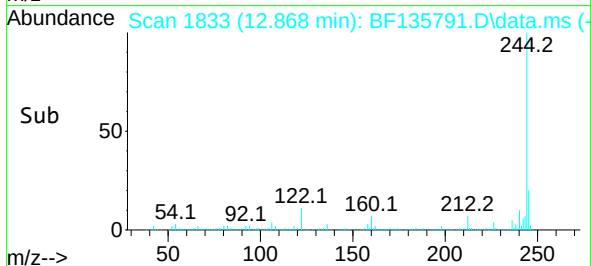
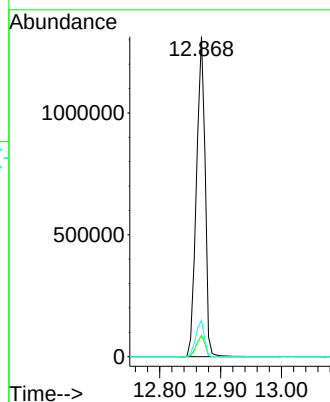
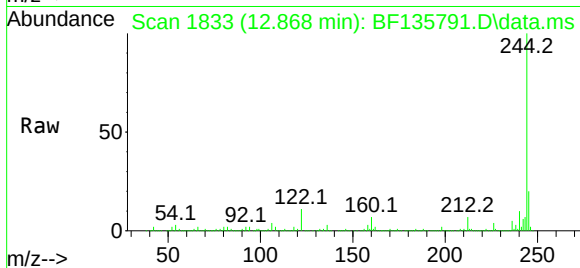
Tgt Ion:244 Resp: 1295375

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 11.4 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF135791.D

Acq: 16 Oct 2023 22:55

Tgt Ion:264 Resp: 220968

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.5 17.4 26.2

