

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135651.D
 Acq On : 09 Oct 2023 14:32
 Operator : CG\JU
 Sample : 04731-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTP-2

Quant Time: Oct 09 15:06:37 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 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	136483	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	513451	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	264748	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	520961	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	360093	20.000	ng	0.00
86) Perylene-d12	15.404	264	289567	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	977602	116.499	ng	0.02
7) Phenol-d6	6.392	99	1119652	104.932	ng	0.00
23) Nitrobenzene-d5	7.304	82	843878	89.293	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	335246	127.424	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1423217	81.105	ng	0.00
79) Terphenyl-d14	12.874	244	1635659	70.415	ng	0.01

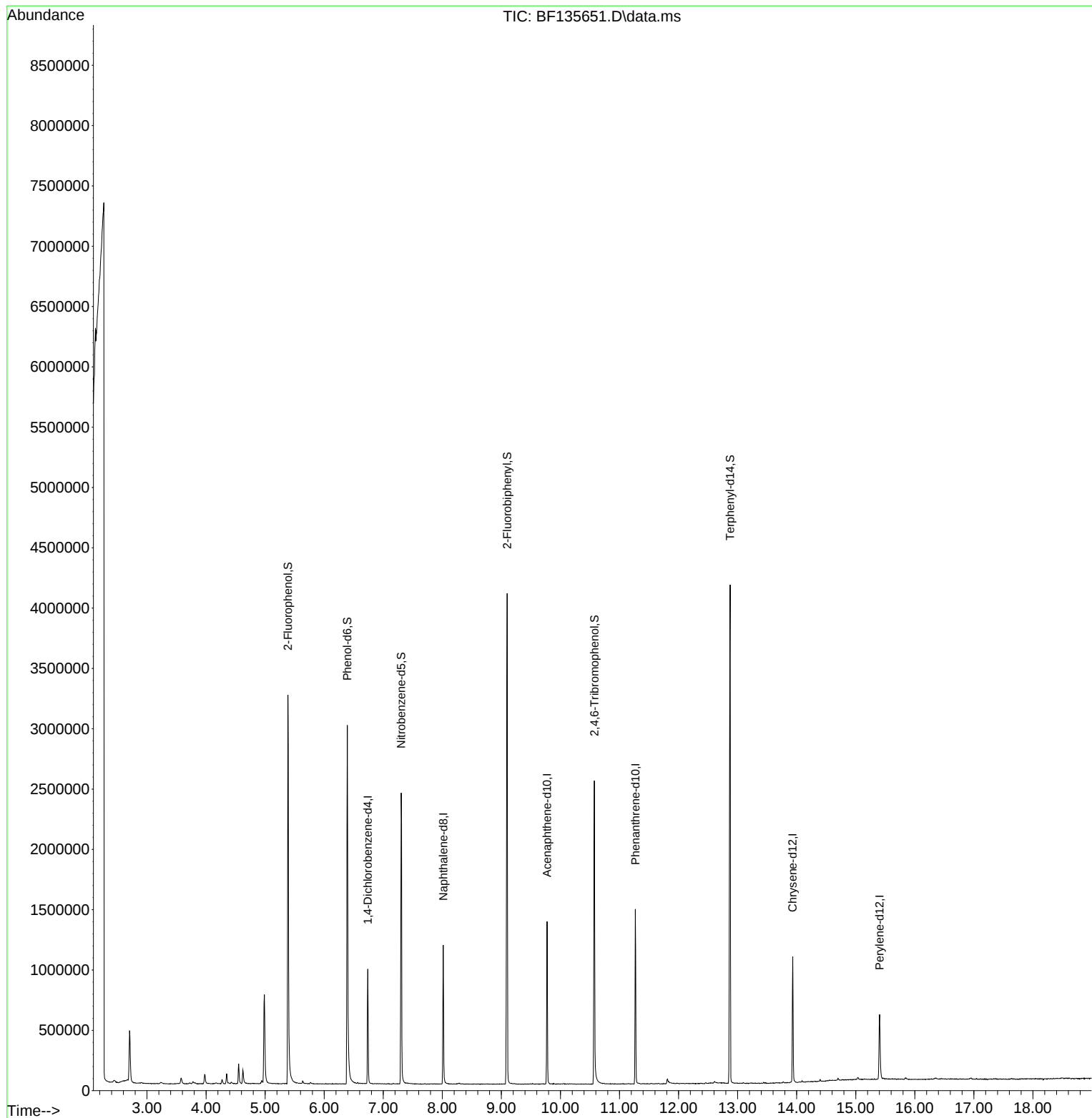
Target Compounds	Qvalue

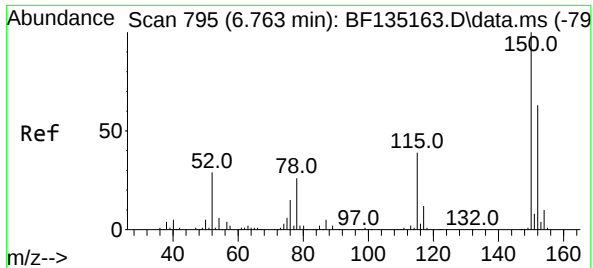
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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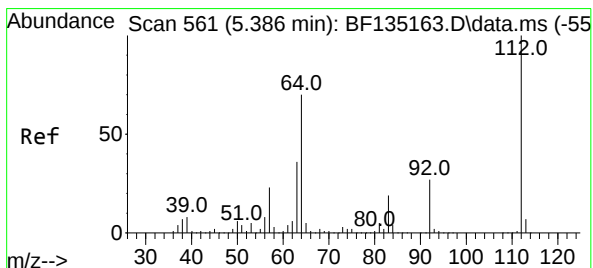
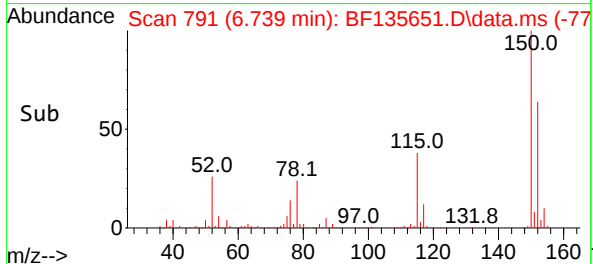
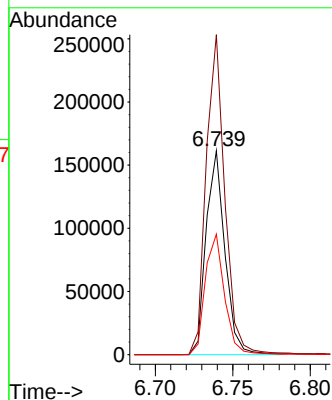
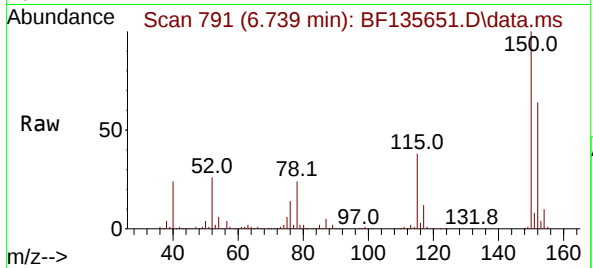




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

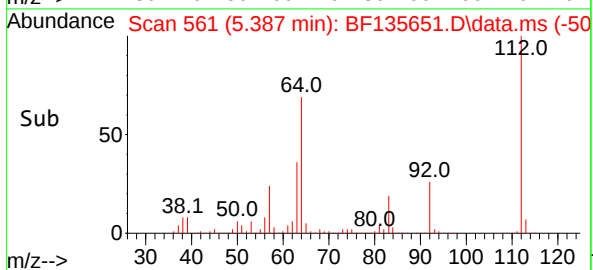
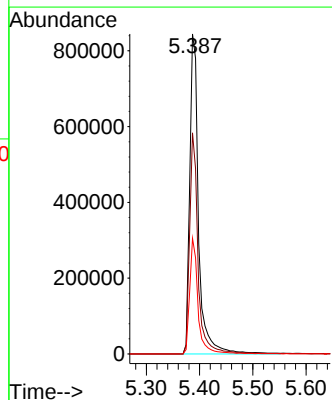
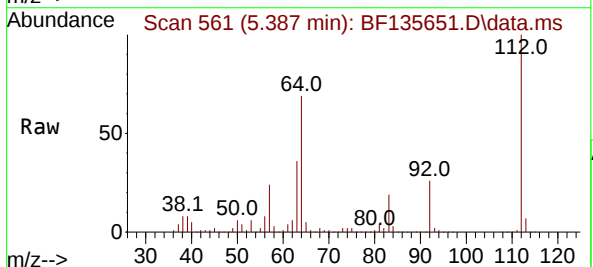
Instrument :
BNA_F
ClientSampleId :
DTP-2

Tgt Ion:152 Resp: 136483
Ion Ratio Lower Upper
152 100
150 157.0 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 116.499 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

Tgt Ion:112 Resp: 977602
Ion Ratio Lower Upper
112 100
64 69.1 55.9 83.9
63 36.1 29.0 43.6





#7

Phenol-d6

Concen: 104.932 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135651.D

Acq: 09 Oct 2023 14:32

Instrument :

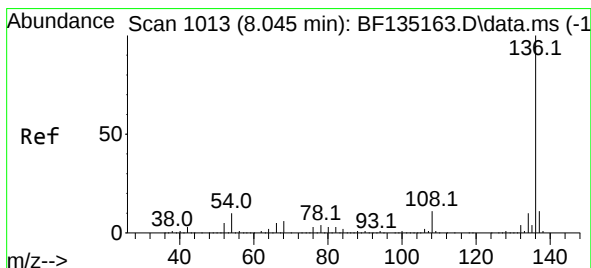
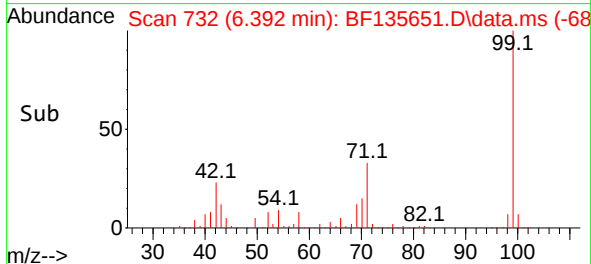
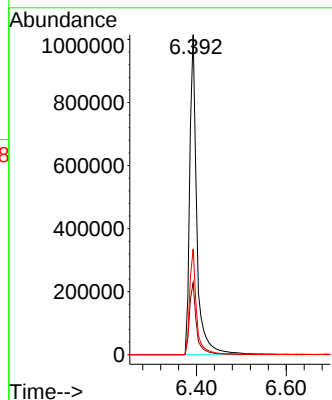
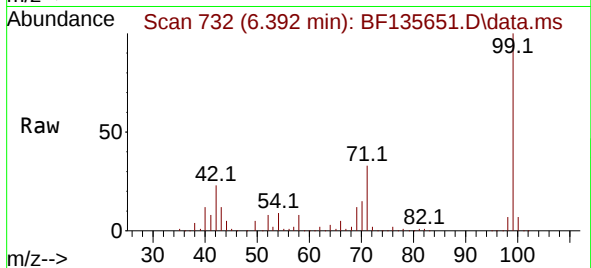
BNA_F

ClientSampleId :

DTP-2

Tgt Ion: 99 Resp: 1119652

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	33.0	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

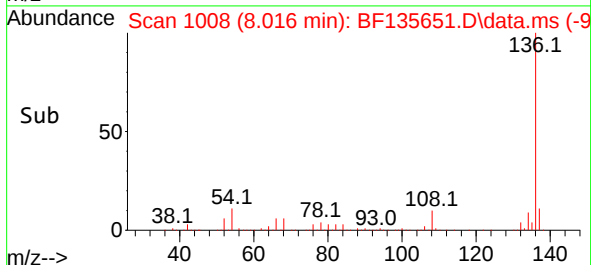
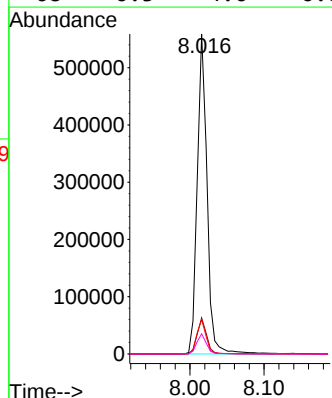
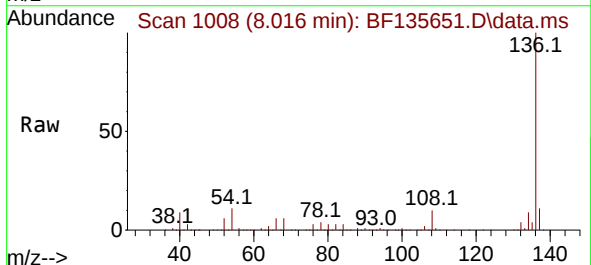
Delta R.T. -0.000 min

Lab File: BF135651.D

Acq: 09 Oct 2023 14:32

Tgt Ion:136 Resp: 513451

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.7	7.7	11.5
68	6.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 89.293 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135651.D

Acq: 09 Oct 2023 14:32

Instrument :

BNA_F

ClientSampleId :

DTP-2

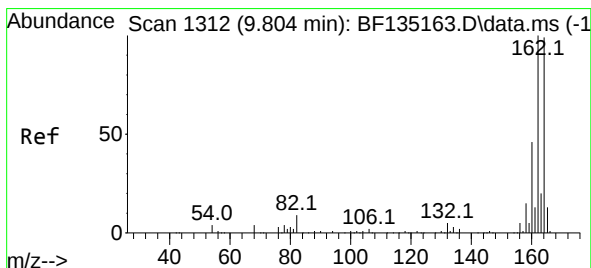
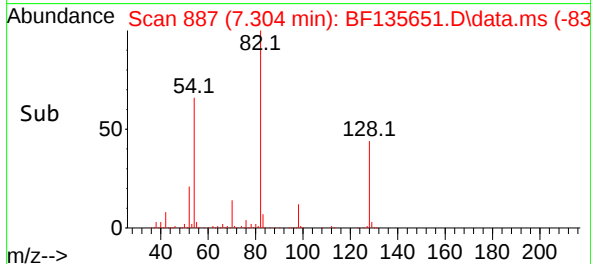
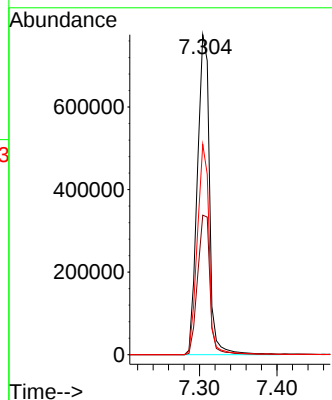
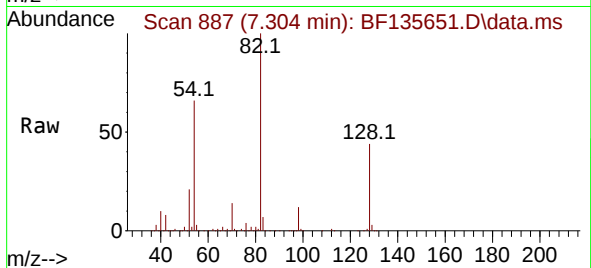
Tgt Ion: 82 Resp: 843878

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

54 65.7 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF135651.D

Acq: 09 Oct 2023 14:32

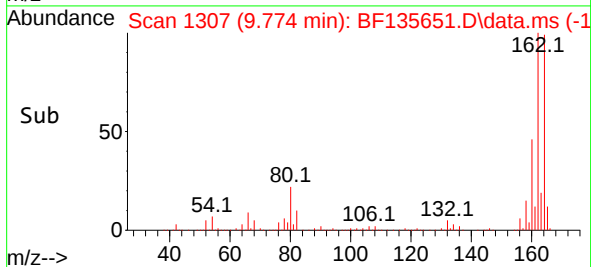
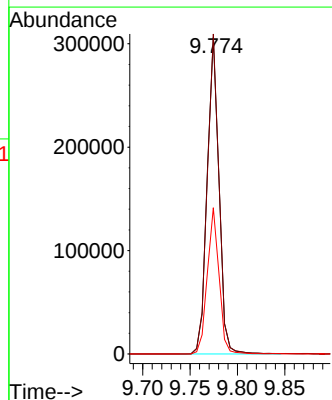
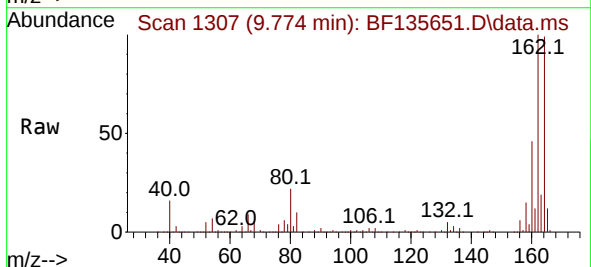
Tgt Ion: 164 Resp: 264748

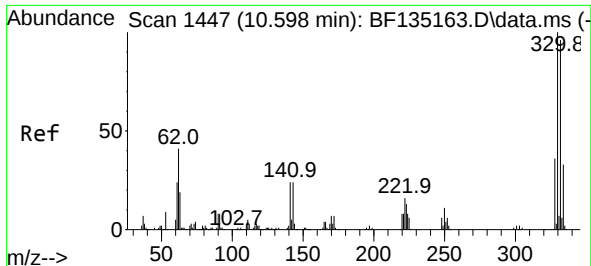
Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

160 46.2 37.0 55.4

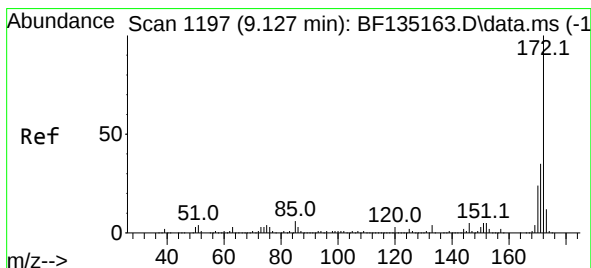
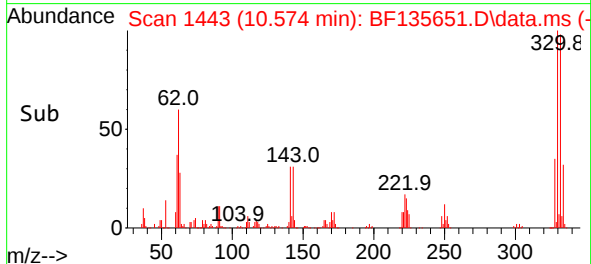
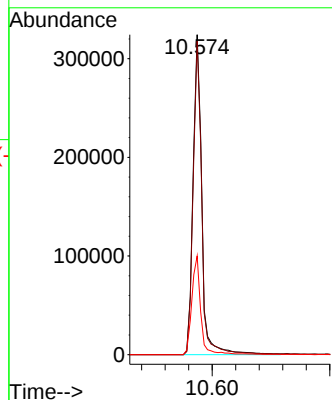
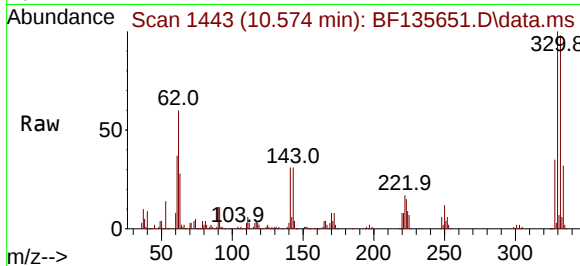




#42
2,4,6-Tribromophenol
Concen: 127.424 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

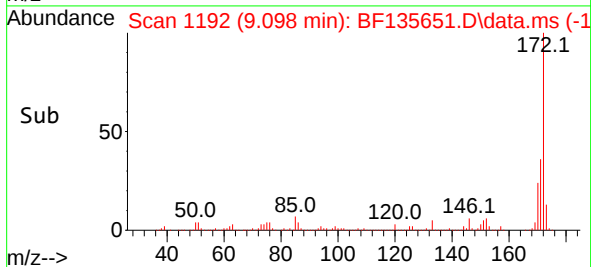
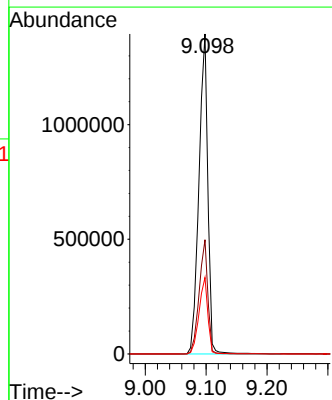
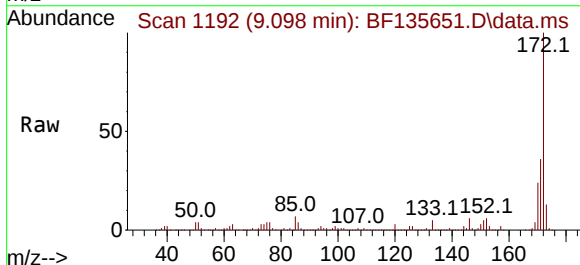
Instrument :
BNA_F
ClientSampleId :
DTP-2

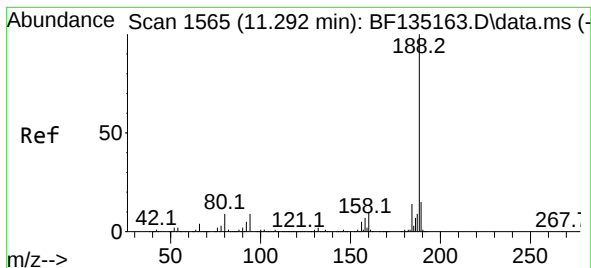
Tgt Ion:330 Resp: 335246
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 31.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 81.105 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

Tgt Ion:172 Resp: 1423217
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135651.D

Acq: 09 Oct 2023 14:32

Instrument :

BNA_F

ClientSampleId :

DTP-2

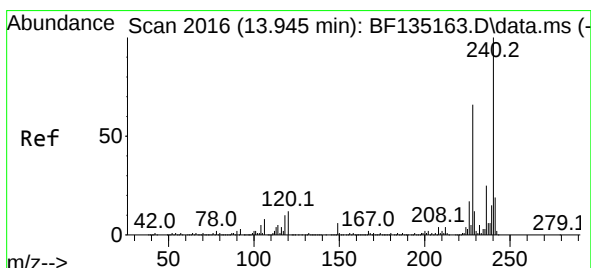
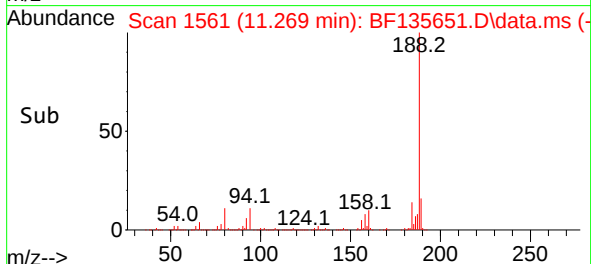
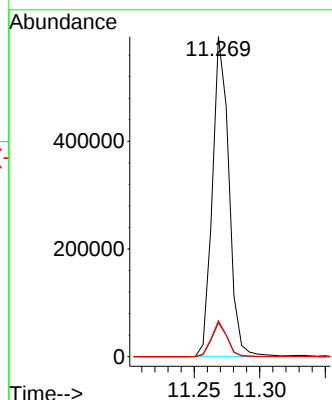
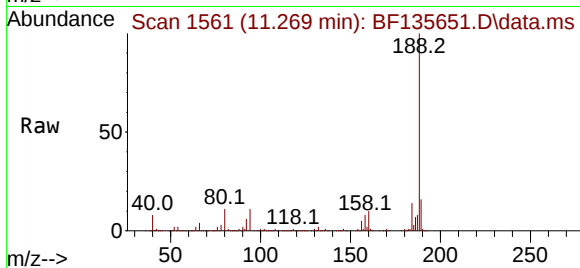
Tgt Ion:188 Resp: 520961

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 11.3 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: BF135651.D

Acq: 09 Oct 2023 14:32

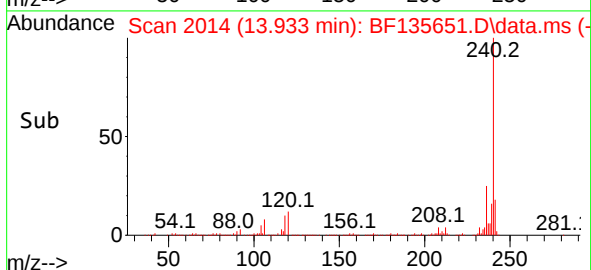
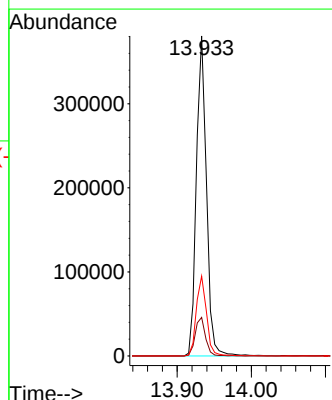
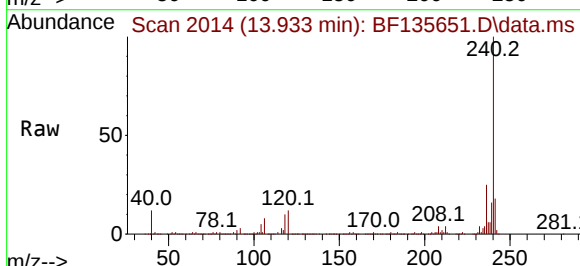
Tgt Ion:240 Resp: 360093

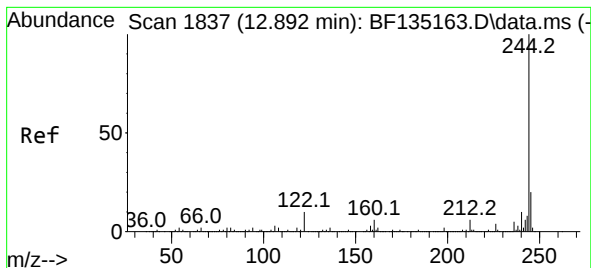
Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.2

236 25.0 19.8 29.8





#79

Terphenyl-d14

Concen: 70.415 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.012 min

Lab File: BF135651.D

Acq: 09 Oct 2023 14:32

Instrument :

BNA_F

ClientSampleId :

DTP-2

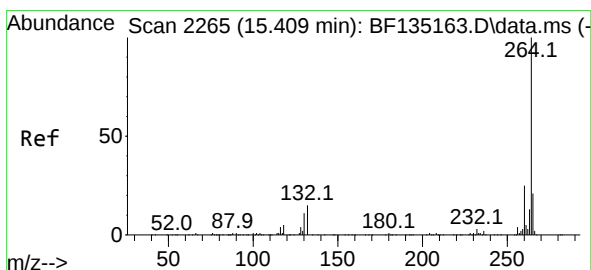
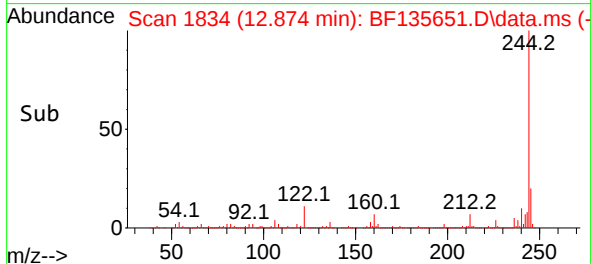
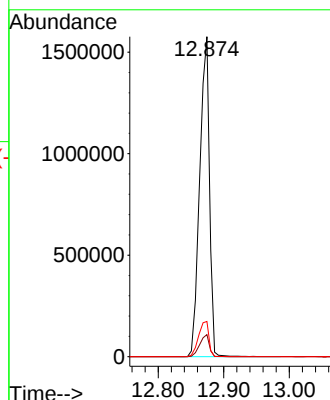
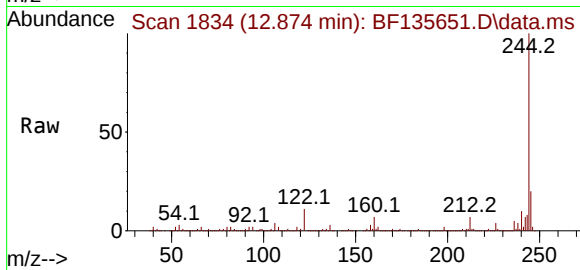
Tgt Ion:244 Resp: 1635659

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.0 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF135651.D

Acq: 09 Oct 2023 14:32

Tgt Ion:264 Resp: 289567

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 20.2 17.0 25.4

