

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135631.D
 Acq On : 06 Oct 2023 16:16
 Operator : CG\JU
 Sample : 04714-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Oct 06 16:54:12 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	6.740	152	132113	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	507165	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	259594	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	519557	20.000	ng	0.00
76) Chrysene-d12	13.927	240	300230	20.000	ng	0.00
86) Perylene-d12	15.398	264	272238	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1044061	128.535	ng	0.02
7) Phenol-d6	6.393	99	1231497	119.232	ng	0.00
23) Nitrobenzene-d5	7.310	82	874329	93.661	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	341116	132.229	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1476789	85.829	ng	0.00
79) Terphenyl-d14	12.869	244	1560166	80.557	ng	0.00

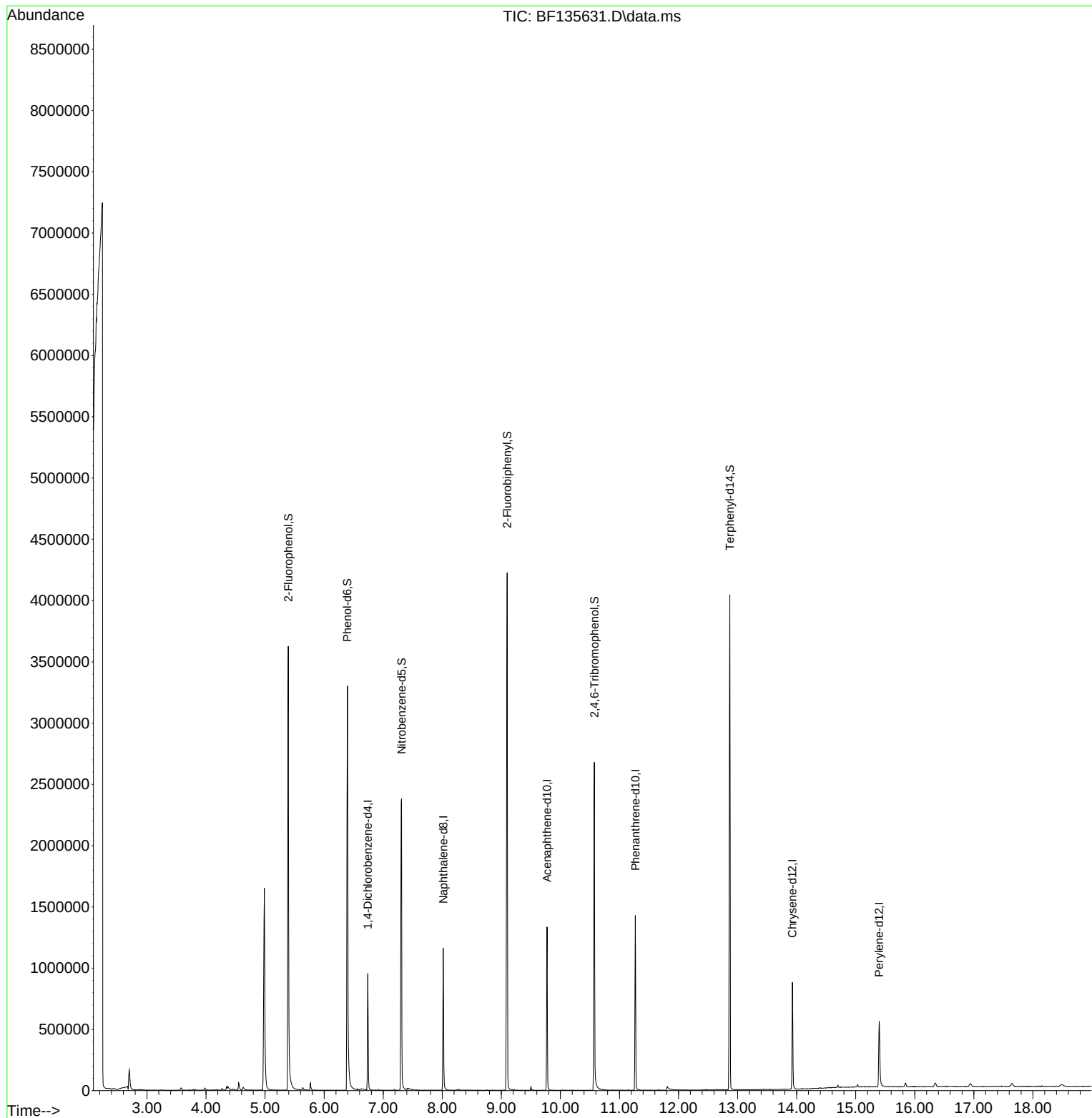
Target Compounds	Qvalue

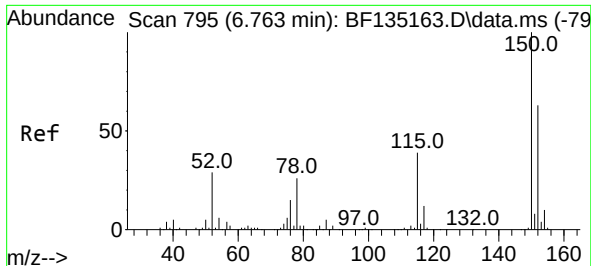
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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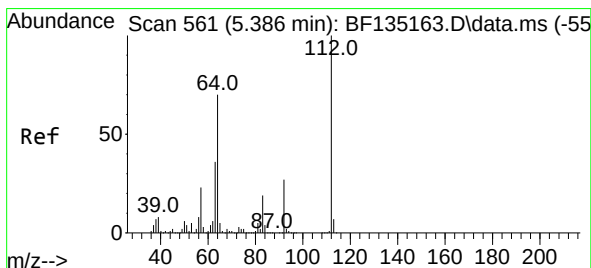
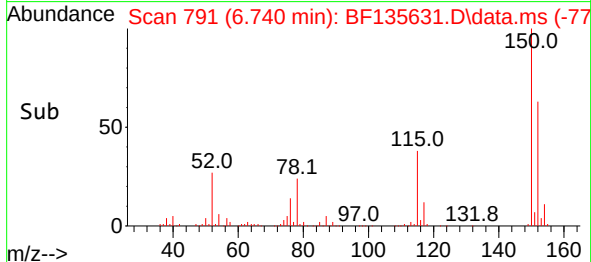
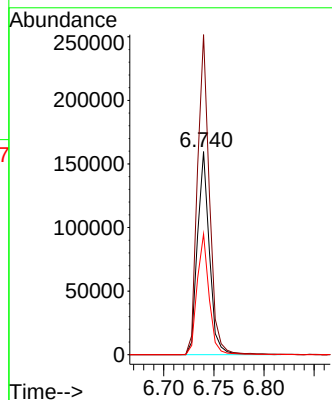
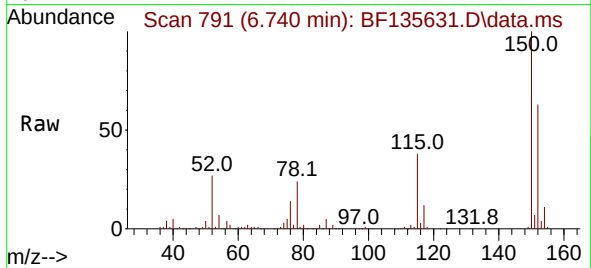




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135631.D
Acq: 06 Oct 2023 16:16

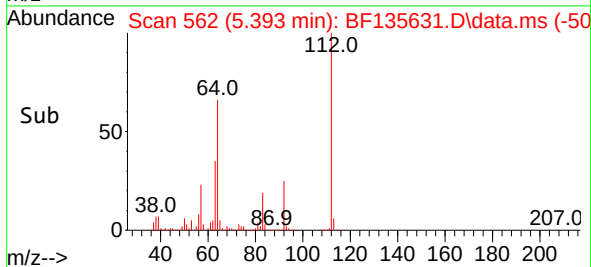
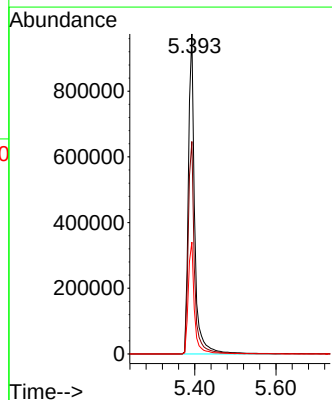
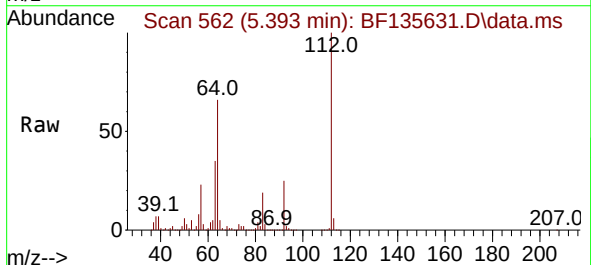
Instrument :
BNA_F
ClientSampleId :
TP-4

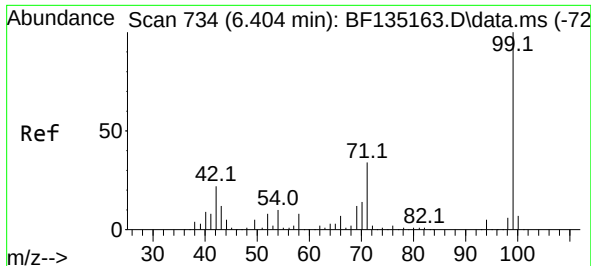
Tgt Ion:152 Resp: 132113
Ion Ratio Lower Upper
152 100
150 157.7 127.8 191.6
115 59.5 49.8 74.8



#5
2-Fluorophenol
Concen: 128.535 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.024 min
Lab File: BF135631.D
Acq: 06 Oct 2023 16:16

Tgt Ion:112 Resp: 1044061
Ion Ratio Lower Upper
112 100
64 66.4 55.9 83.9
63 34.9 29.0 43.6

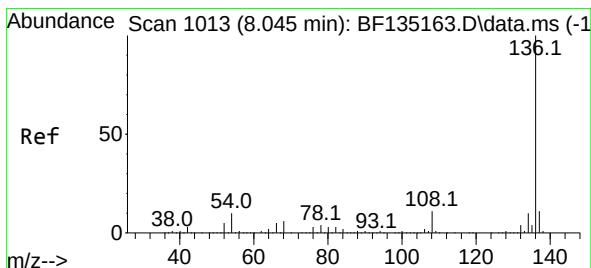
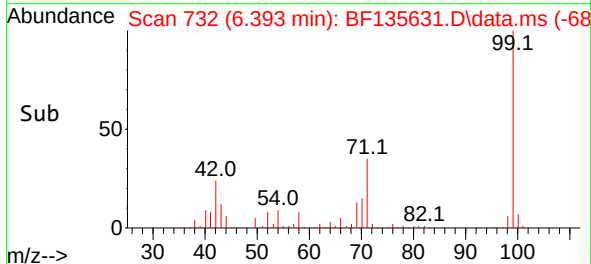
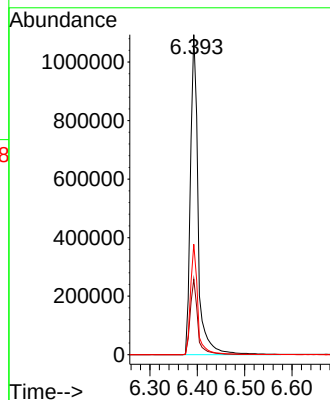
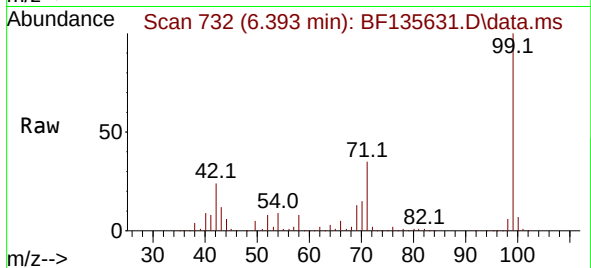




#7
Phenol-d6
Concen: 119.232 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135631.D
Acq: 06 Oct 2023 16:16

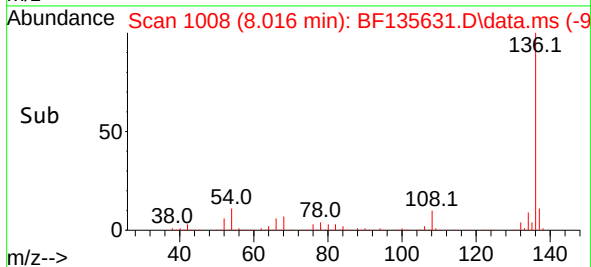
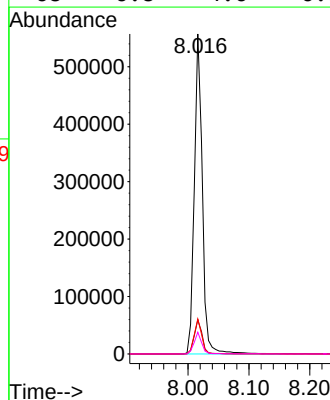
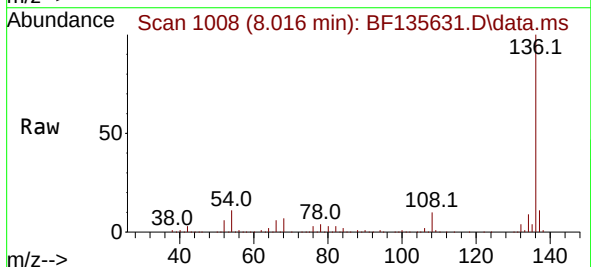
Instrument :
BNA_F
ClientSampleId :
TP-4

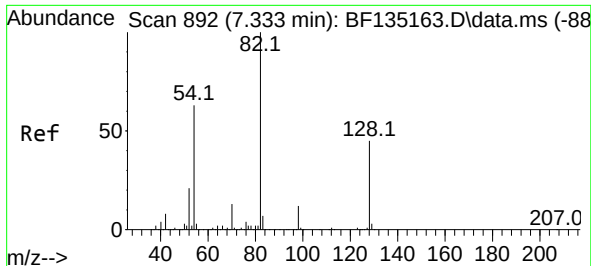
Tgt Ion: 99 Resp: 1231497
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 34.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135631.D
Acq: 06 Oct 2023 16:16

Tgt Ion: 136 Resp: 507165
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.0 7.7 11.5
68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 93.661 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF135631.D

Acq: 06 Oct 2023 16:16

Instrument :

BNA_F

ClientSampleId :

TP-4

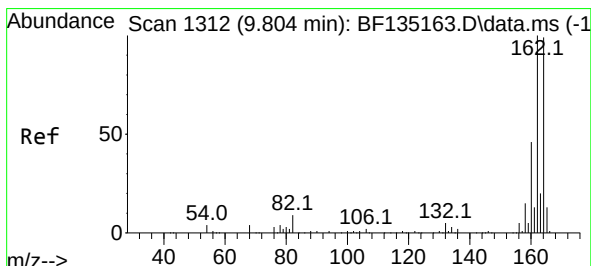
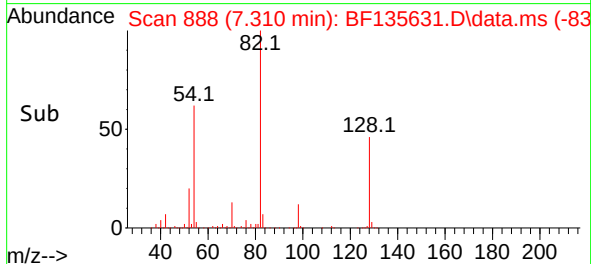
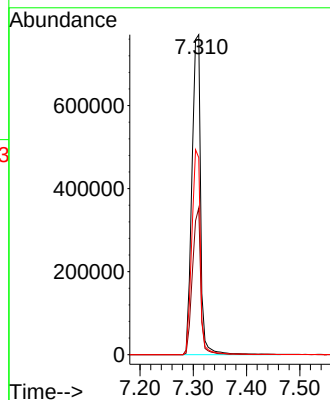
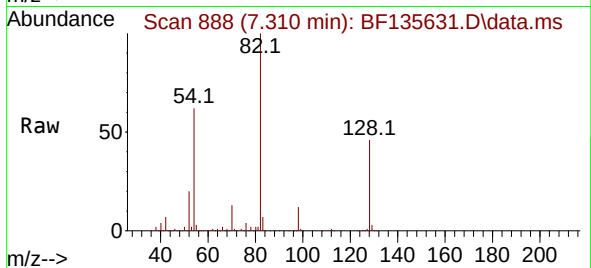
Tgt Ion: 82 Resp: 874329

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.6

54 61.6 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF135631.D

Acq: 06 Oct 2023 16:16

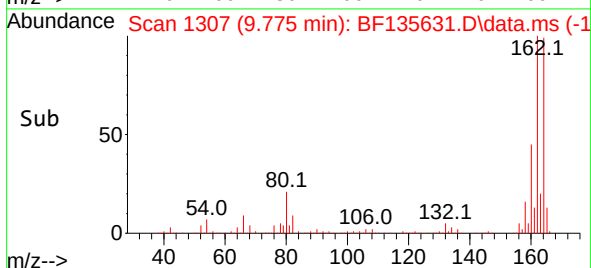
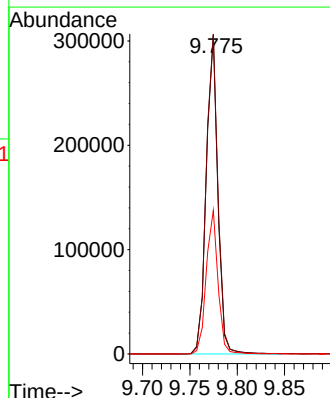
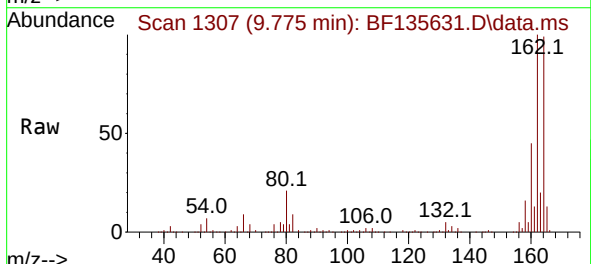
Tgt Ion: 164 Resp: 259594

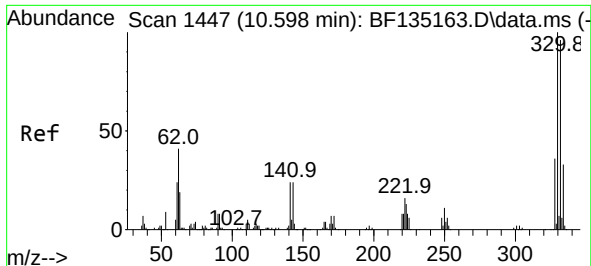
Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.4

160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 132.229 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135631.D

Acq: 06 Oct 2023 16:16

Instrument :

BNA_F

ClientSampleId :

TP-4

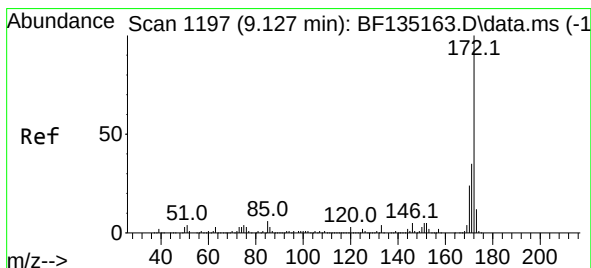
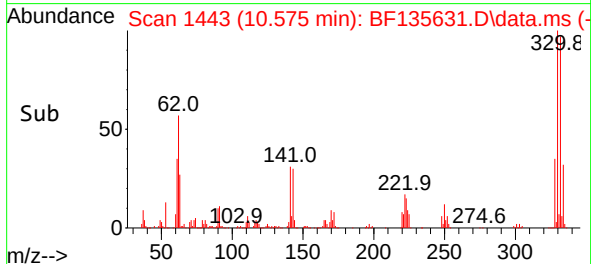
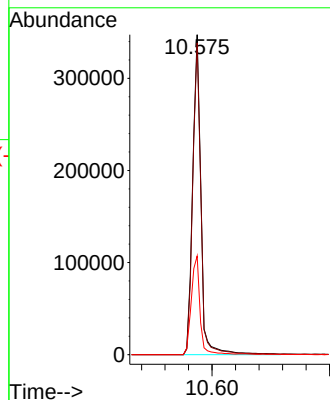
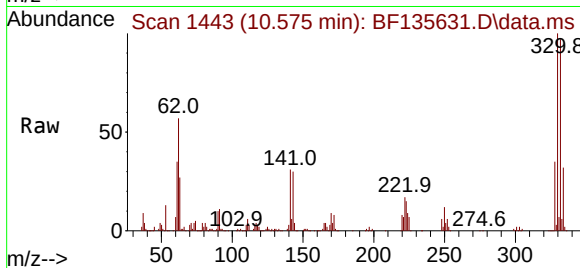
Tgt Ion:330 Resp: 341116

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 32.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 85.829 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135631.D

Acq: 06 Oct 2023 16:16

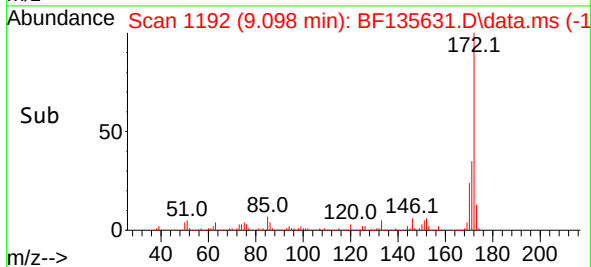
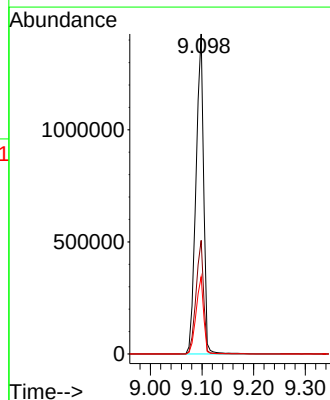
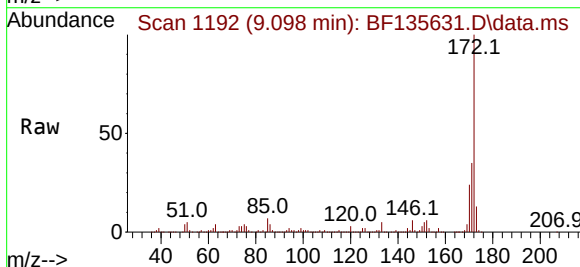
Tgt Ion:172 Resp: 1476789

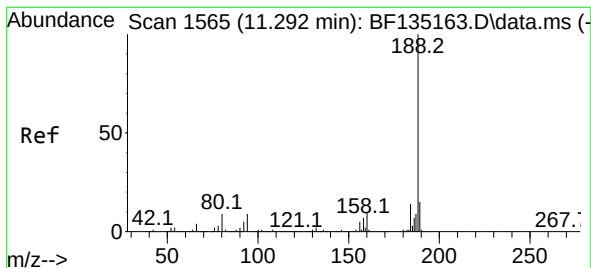
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135631.D

Acq: 06 Oct 2023 16:16

Instrument :

BNA_F

ClientSampleId :

TP-4

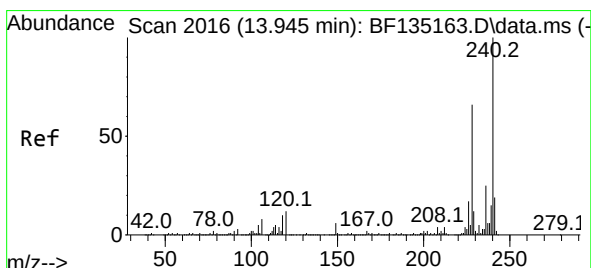
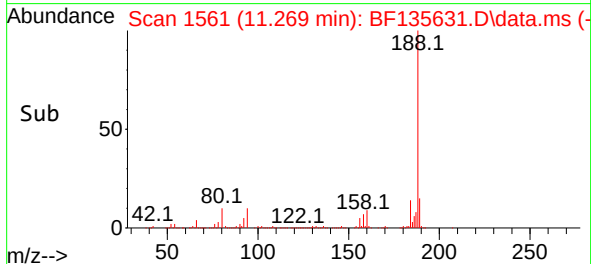
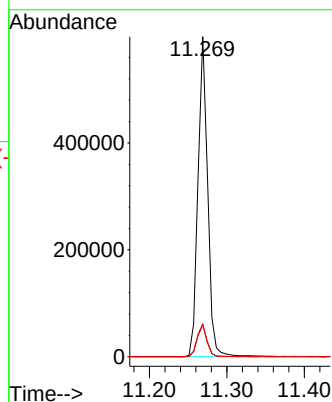
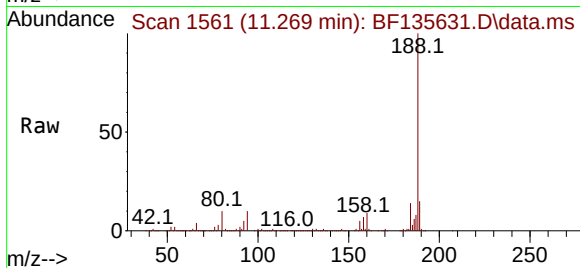
Tgt Ion:188 Resp: 519557

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.2 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF135631.D

Acq: 06 Oct 2023 16:16

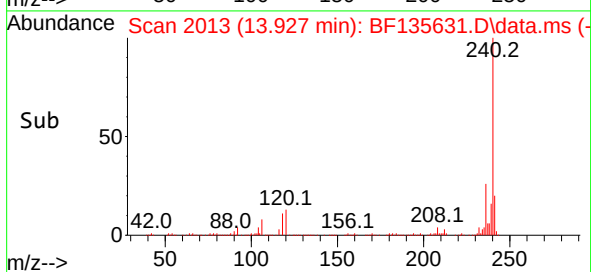
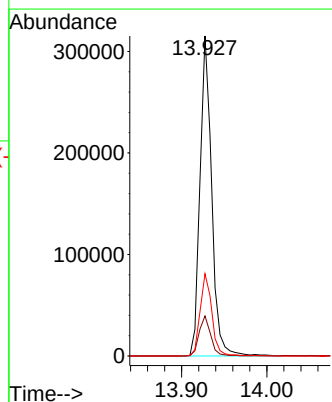
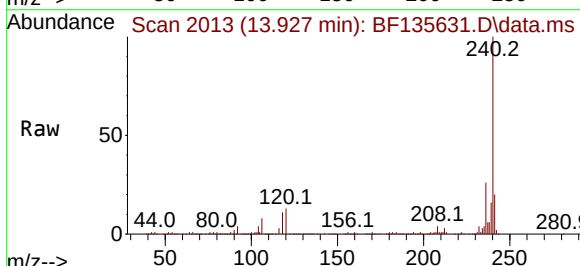
Tgt Ion:240 Resp: 300230

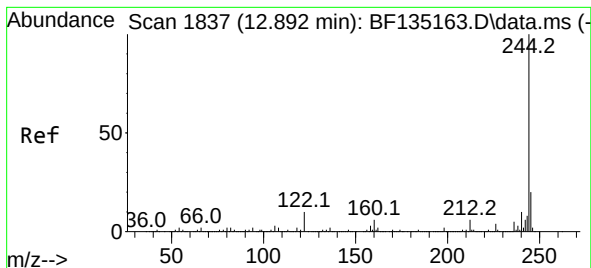
Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.2

236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 80.557 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF135631.D

Acq: 06 Oct 2023 16:16

Instrument :

BNA_F

ClientSampleId :

TP-4

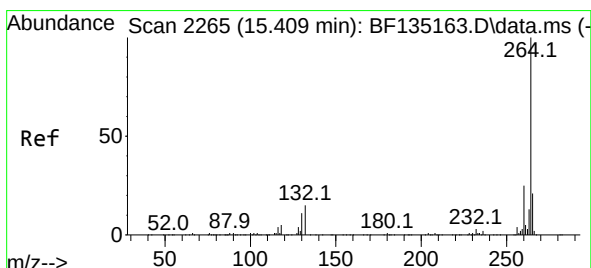
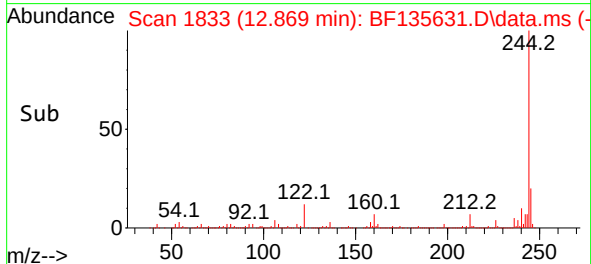
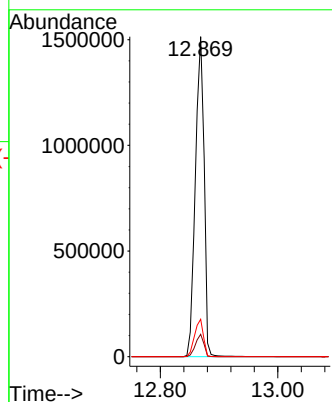
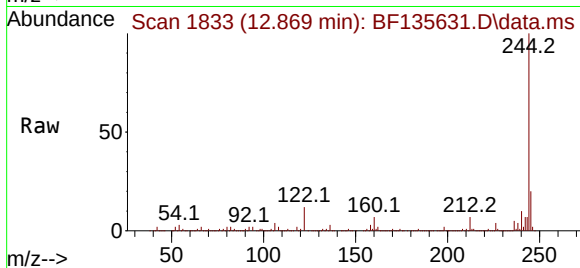
Tgt Ion:244 Resp: 1560166

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 11.7 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF135631.D

Acq: 06 Oct 2023 16:16

Tgt Ion:264 Resp: 272238

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 20.7 17.0 25.4

