

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135710.D
 Acq On : 11 Oct 2023 13:39
 Operator : CG\JU
 Sample : 04817-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Quant Time: Oct 12 01:04:02 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	79139	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	306650	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	153372	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	288972	20.000	ng	0.00
76) Chrysene-d12	13.933	240	159008	20.000	ng	0.00
86) Perylene-d12	15.410	264	189451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	632384	129.966	ng	0.02
7) Phenol-d6	6.393	99	709959	114.748	ng	0.00
23) Nitrobenzene-d5	7.310	82	527818	93.514	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	233051	152.906	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	997065	98.081	ng	0.00
79) Terphenyl-d14	12.869	244	937561	91.404	ng	0.00

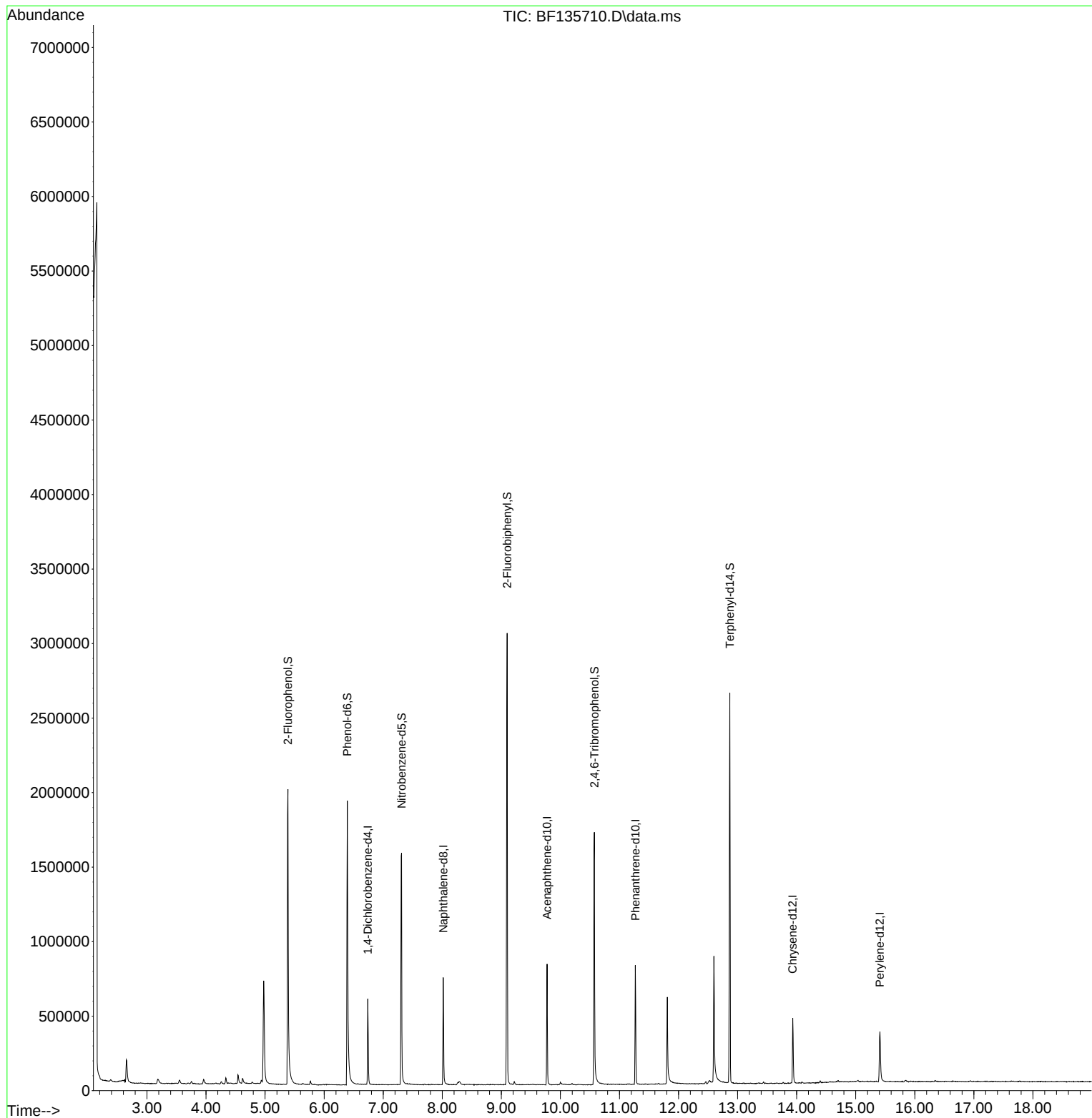
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
Data File : BF135710.D
Acq On : 11 Oct 2023 13:39
Operator : CG\JU
Sample : 04817-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Quant Time: Oct 12 01:04:02 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

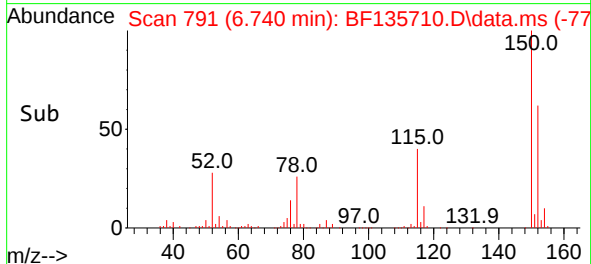
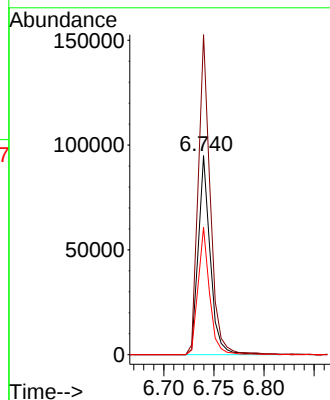
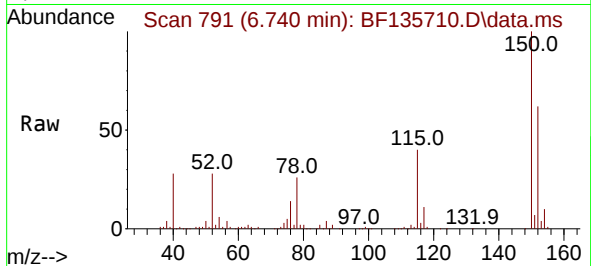




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

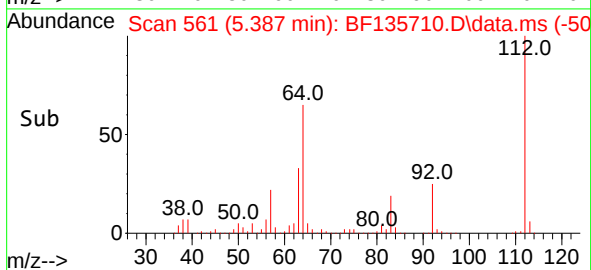
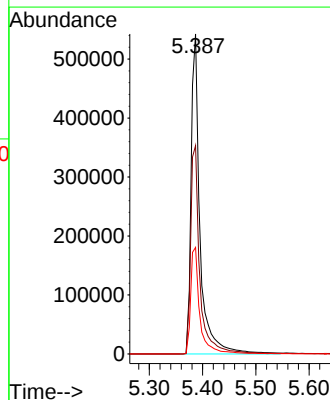
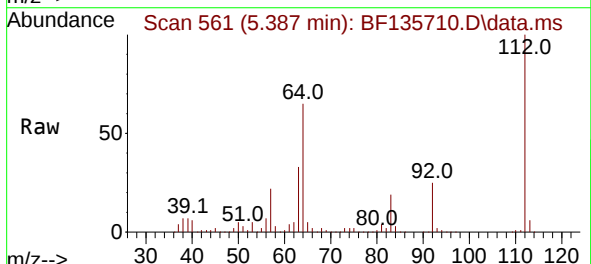
Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion:152 Resp: 79139
Ion Ratio Lower Upper
152 100
150 160.8 127.8 191.6
115 64.0 49.8 74.8



#5
2-Fluorophenol
Concen: 129.966 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

Tgt Ion:112 Resp: 632384
Ion Ratio Lower Upper
112 100
64 65.1 55.9 83.9
63 33.3 29.0 43.6





#7

Phenol-d6

Concen: 114.748 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135710.D

Acq: 11 Oct 2023 13:39

Instrument :

BNA_F

ClientSampleId :

VNJ-241

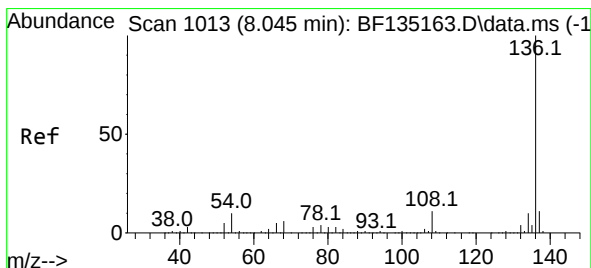
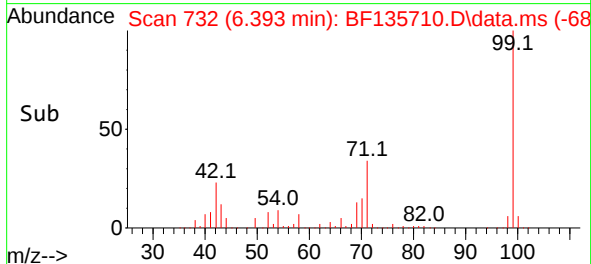
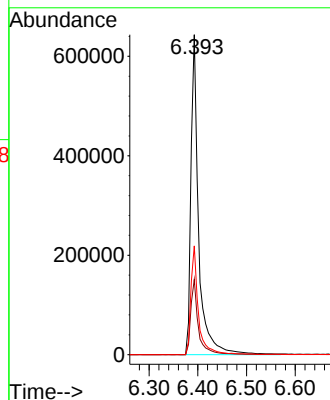
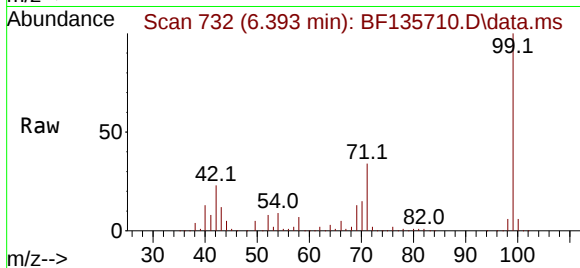
Tgt Ion: 99 Resp: 709959

Ion Ratio Lower Upper

99 100

42 23.5 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: BF135710.D

Acq: 11 Oct 2023 13:39

Tgt Ion:136 Resp: 306650

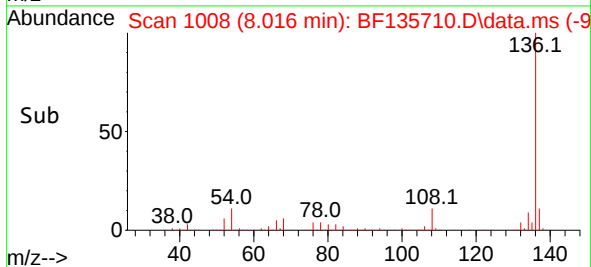
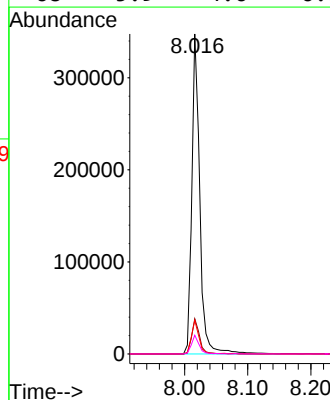
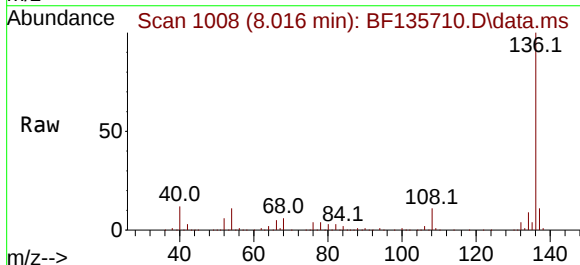
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.5 7.7 11.5

68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 93.514 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF135710.D

Acq: 11 Oct 2023 13:39

Instrument :

BNA_F

ClientSampleId :

VNJ-241

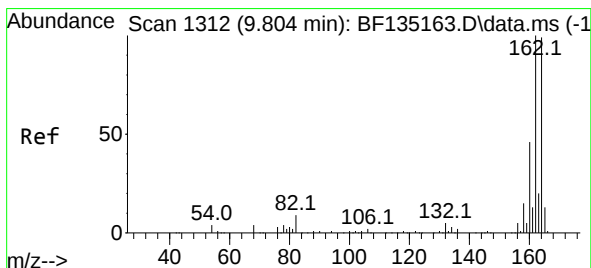
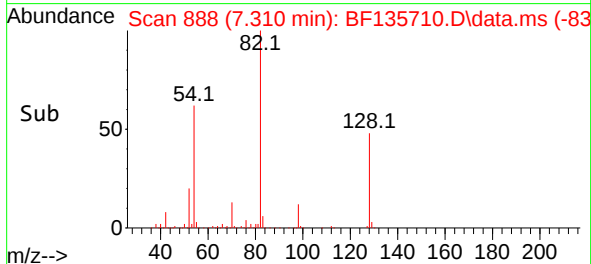
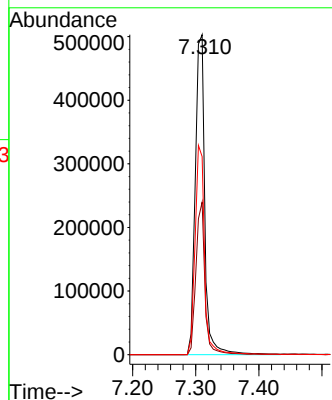
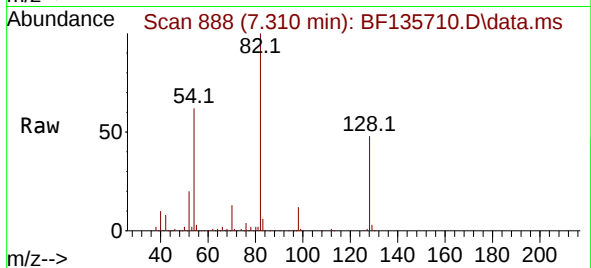
Tgt Ion: 82 Resp: 527818

Ion Ratio Lower Upper

82 100

128 47.6 35.8 53.6

54 61.9 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: BF135710.D

Acq: 11 Oct 2023 13:39

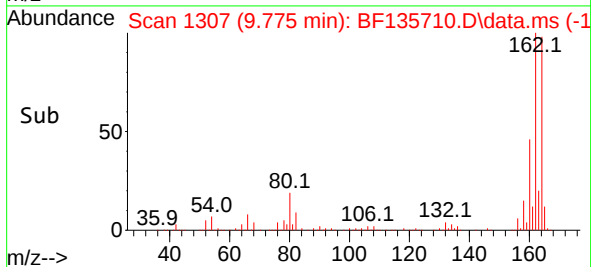
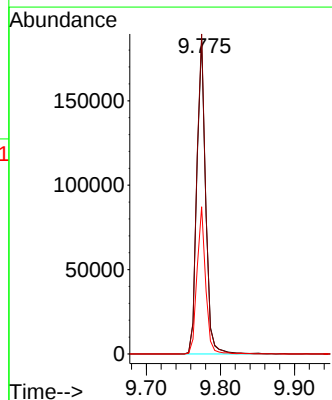
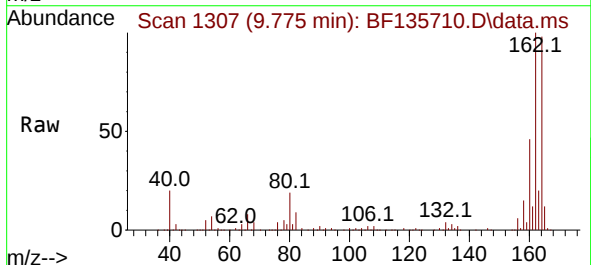
Tgt Ion: 164 Resp: 153372

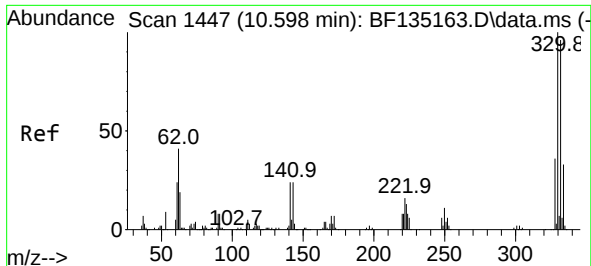
Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

160 46.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 152.906 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF135710.D

Acq: 11 Oct 2023 13:39

Instrument :

BNA_F

ClientSampleId :

VNJ-241

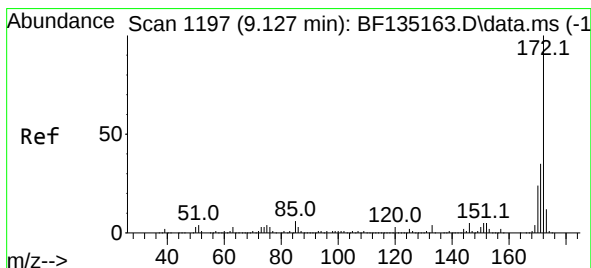
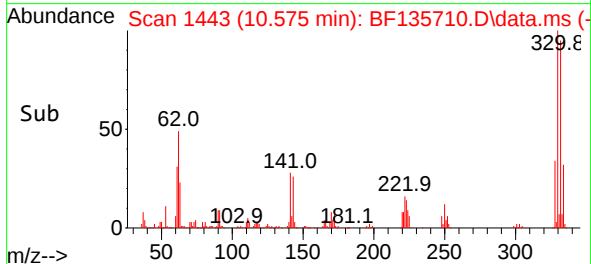
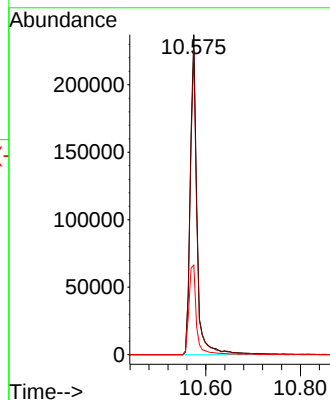
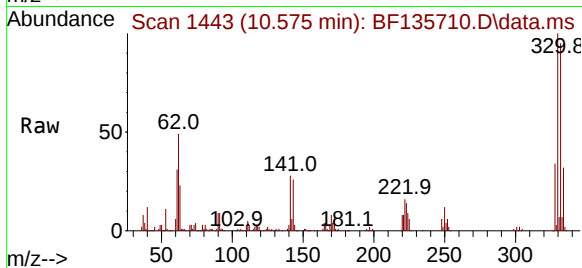
Tgt Ion:330 Resp: 233051

Ion Ratio Lower Upper

330 100

332 94.0 77.3 115.9

141 31.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 98.081 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135710.D

Acq: 11 Oct 2023 13:39

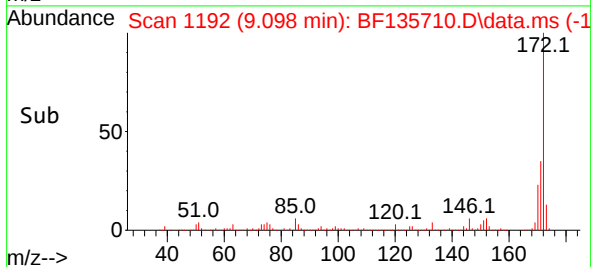
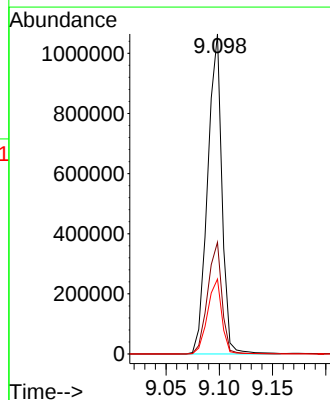
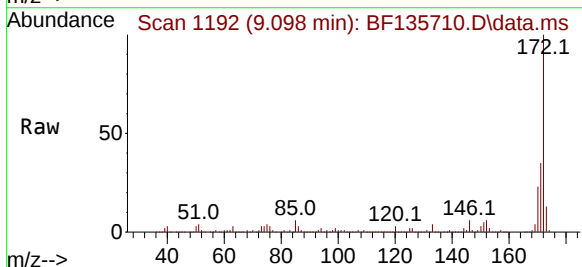
Tgt Ion:172 Resp: 997065

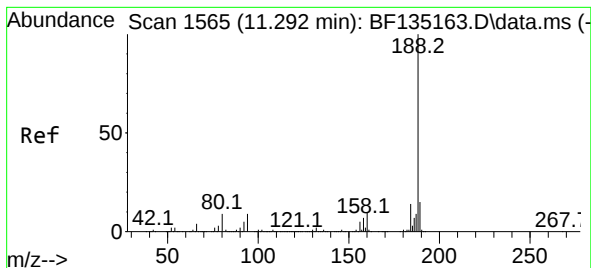
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.4 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: BF135710.D

Acq: 11 Oct 2023 13:39

Instrument :

BNA_F

ClientSampleId :

VNJ-241

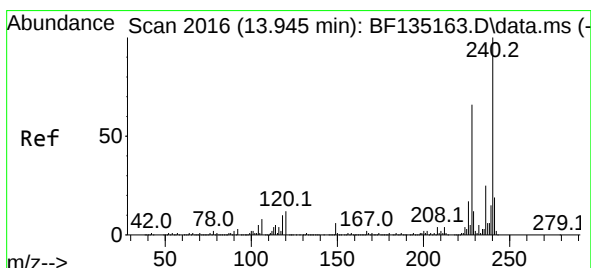
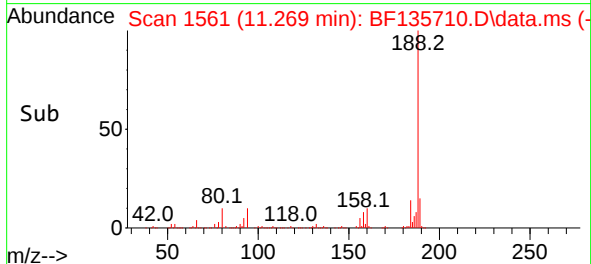
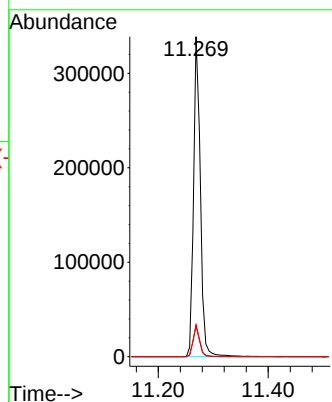
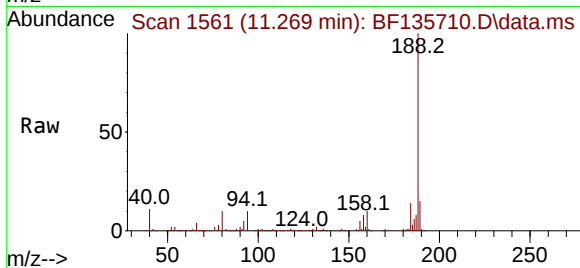
Tgt Ion:188 Resp: 288972

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.0 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: BF135710.D

Acq: 11 Oct 2023 13:39

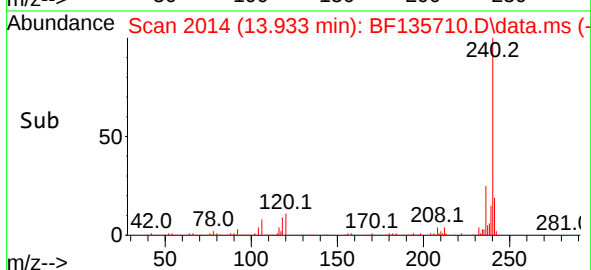
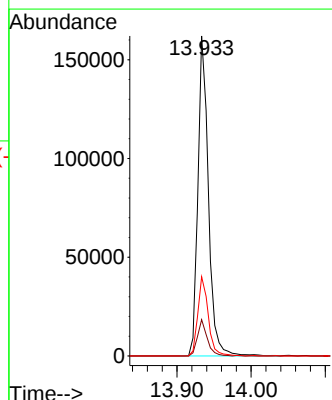
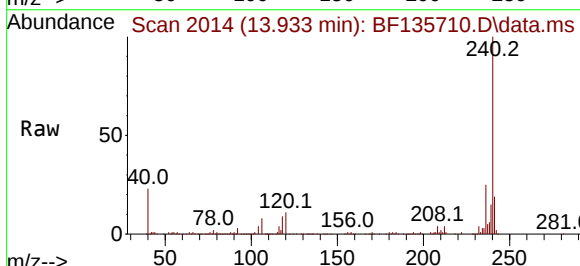
Tgt Ion:240 Resp: 159008

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

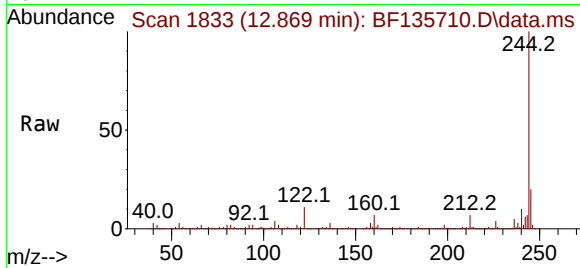
236 24.7 19.8 29.8



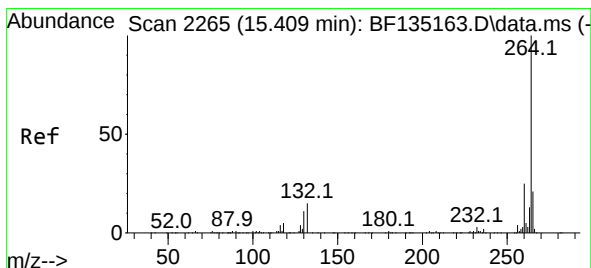
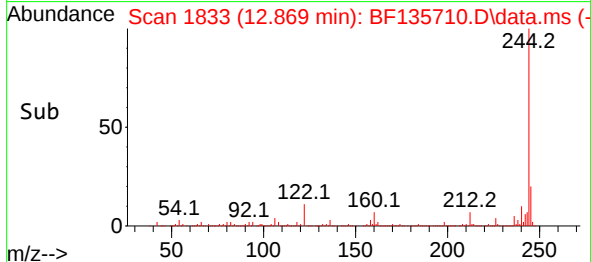
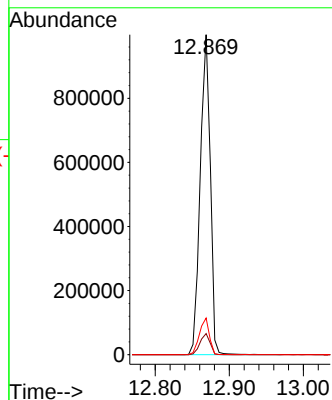


#79
 Terphenyl-d14
 Concen: 91.404 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF135710.D
 Acq: 11 Oct 2023 13:39

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241



Tgt Ion:244 Resp: 937561
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.5 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: BF135710.D
 Acq: 11 Oct 2023 13:39

Tgt Ion:264 Resp: 189451
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.8 29.6
 265 22.3 17.0 25.4

