

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135525.D
 Acq On : 02 Oct 2023 13:54
 Operator : CG\JU
 Sample : PB155966BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155966BL

Quant Time: Oct 03 02:54:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	144150	20.000	ng	-0.01
21) Naphthalene-d8	8.022	136	542197	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	257625	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	488683	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	276331	20.000	ng	0.00
86) Perylene-d12	15.392	264	260979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1162056	131.115	ng	0.00
7) Phenol-d6	6.393	99	1470461	130.480	ng	-0.01
23) Nitrobenzene-d5	7.310	82	915161	91.701	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	288703	112.767	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1459733	85.486	ng	-0.01
79) Terphenyl-d14	12.869	244	1420599	79.694	ng	0.00

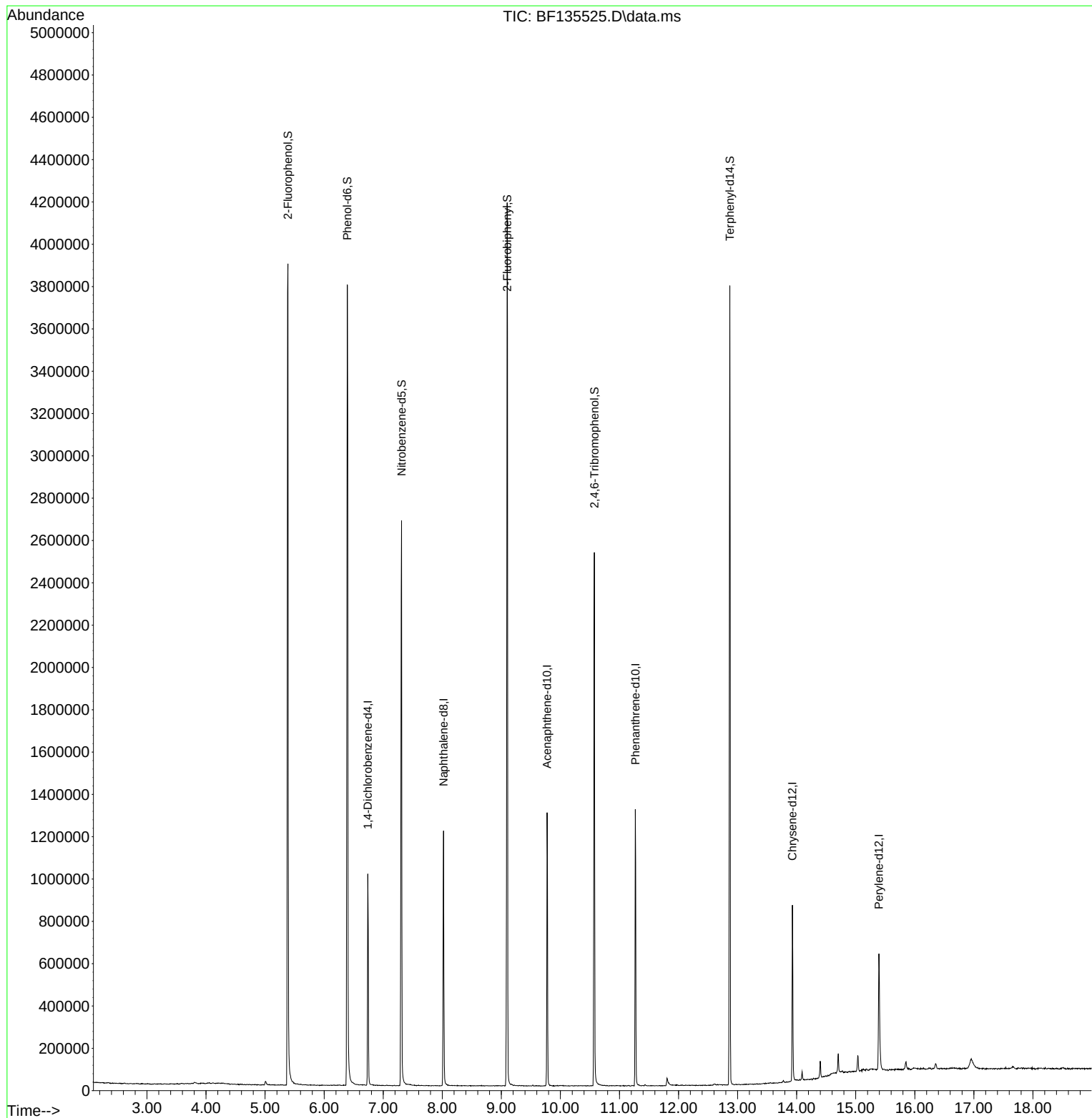
Target Compounds	Qvalue

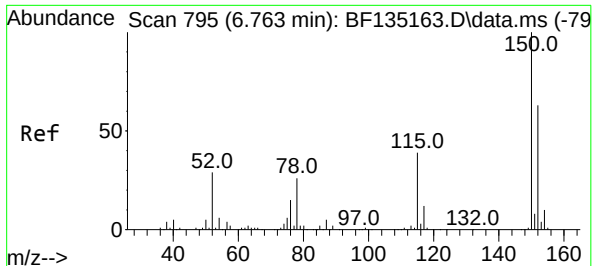
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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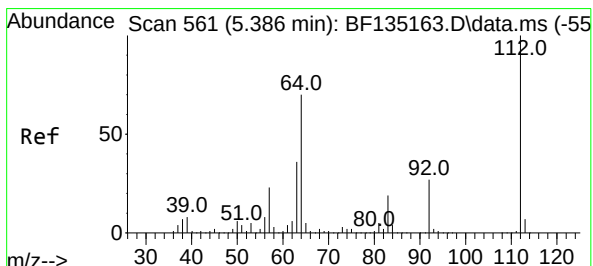
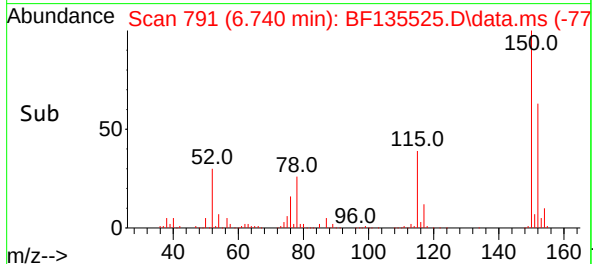
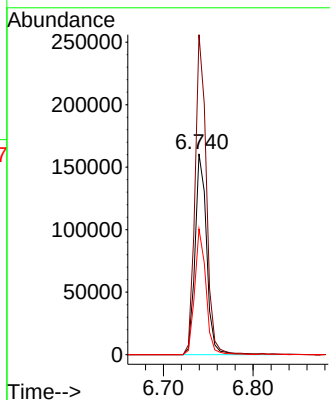
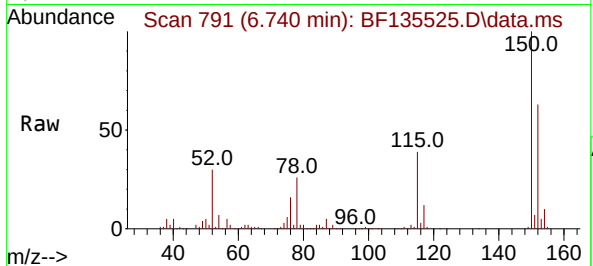




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BF135525.D
 Acq: 02 Oct 2023 13:54

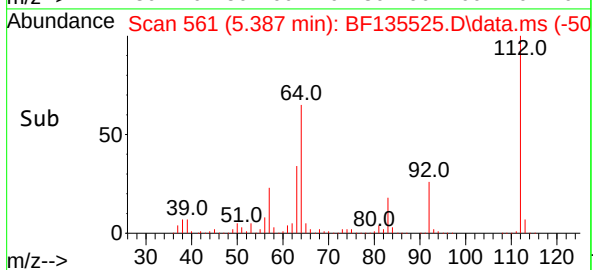
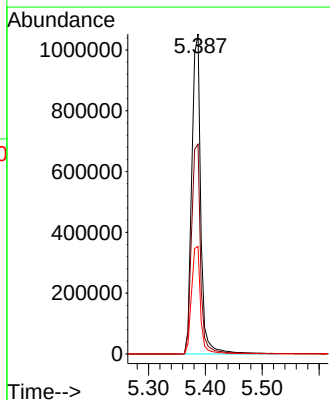
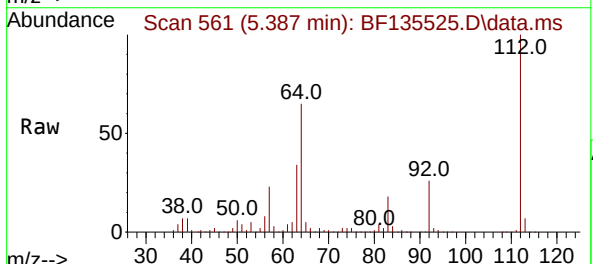
Instrument :
 BNA_F
 ClientSampleId :
 PB155966BL

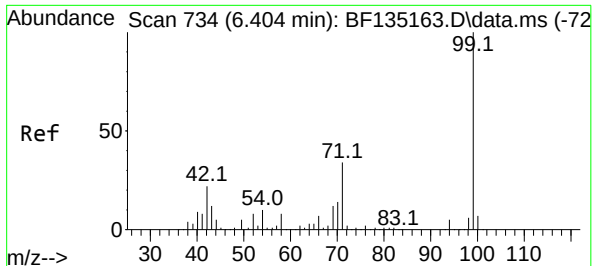
Tgt Ion:152 Resp: 144150
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.8 191.6
 115 62.6 49.8 74.8



#5
 2-Fluorophenol
 Concen: 131.115 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF135525.D
 Acq: 02 Oct 2023 13:54

Tgt Ion:112 Resp: 1162056
 Ion Ratio Lower Upper
 112 100
 64 65.5 55.9 83.9
 63 33.6 29.0 43.6

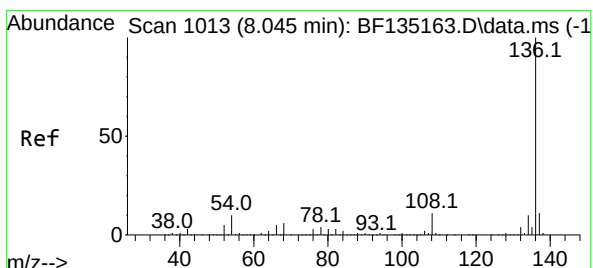
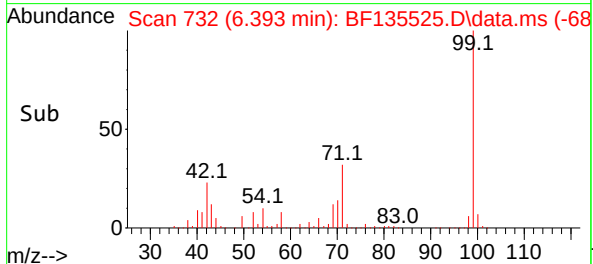
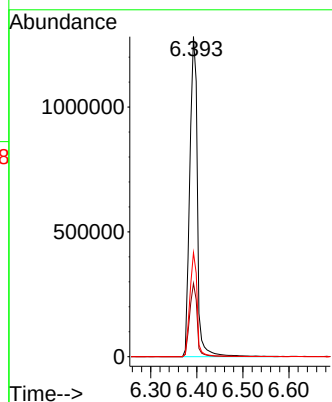
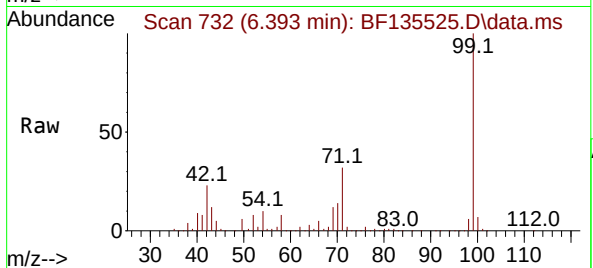




#7
Phenol-d6
Concen: 130.480 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

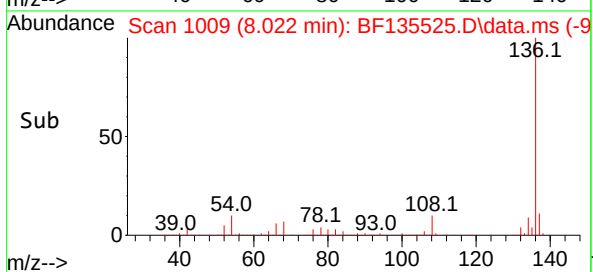
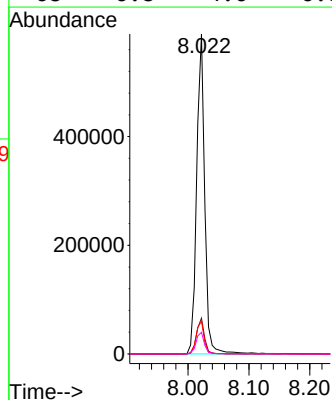
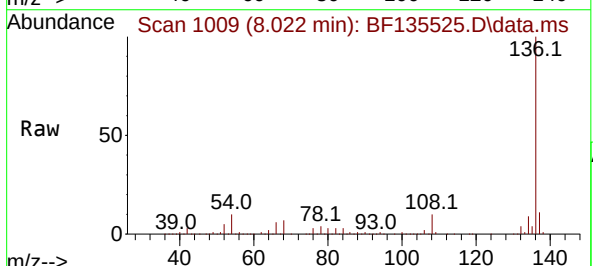
Instrument :
BNA_F
ClientSampleId :
PB155966BL

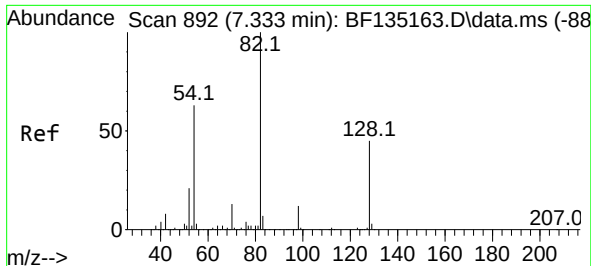
Tgt Ion: 99 Resp: 1470461
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

Tgt Ion: 136 Resp: 542197
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.2 7.7 11.5
68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 91.701 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135525.D

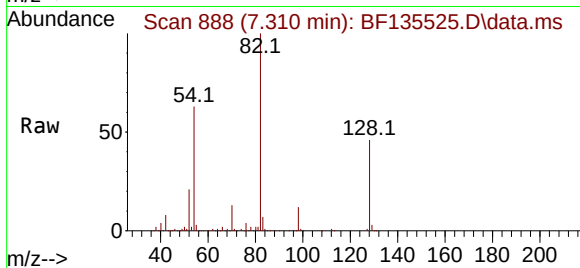
Acq: 02 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB155966BL



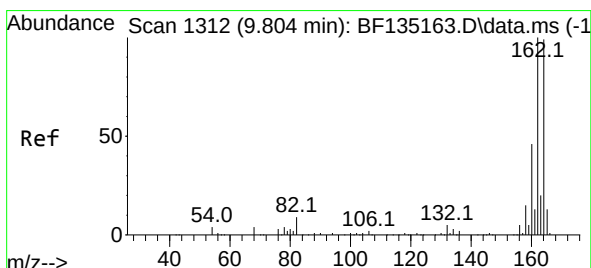
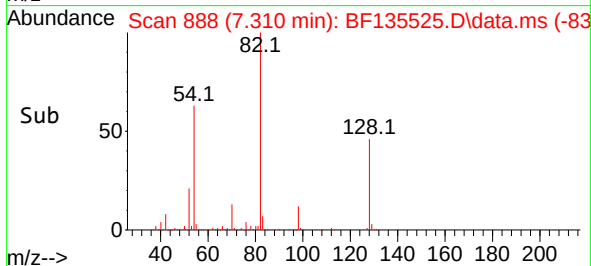
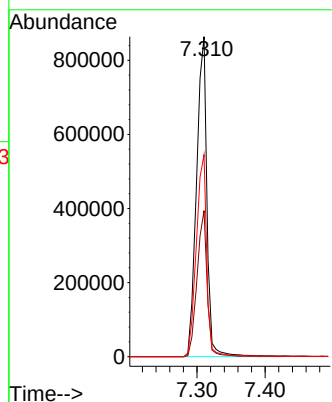
Tgt Ion: 82 Resp: 915161

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.6

54 63.1 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135525.D

Acq: 02 Oct 2023 13:54

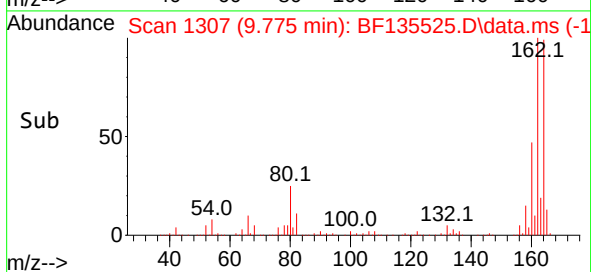
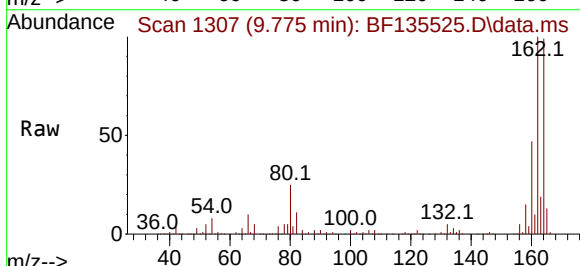
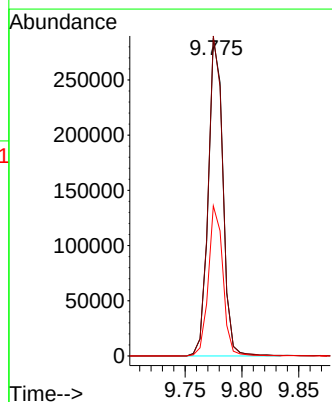
Tgt Ion: 164 Resp: 257625

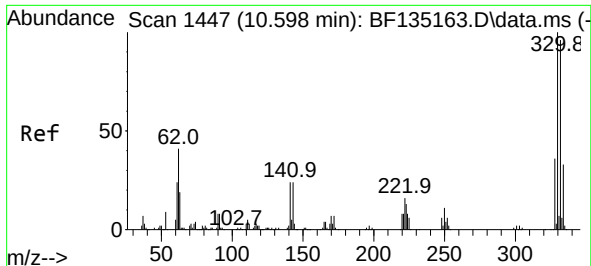
Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 47.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 112.767 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF135525.D

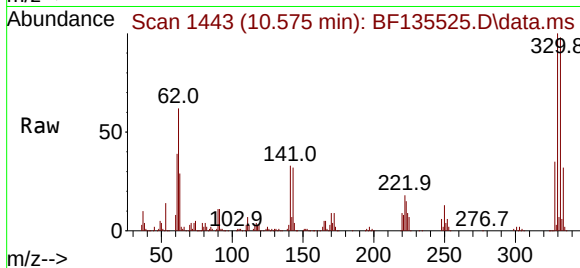
Acq: 02 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB155966BL



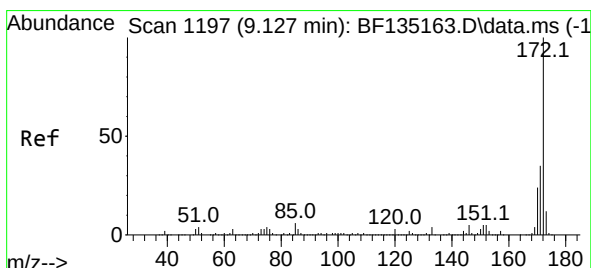
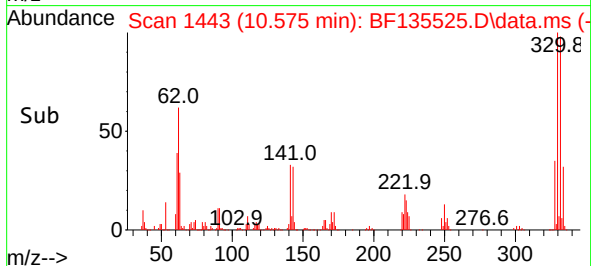
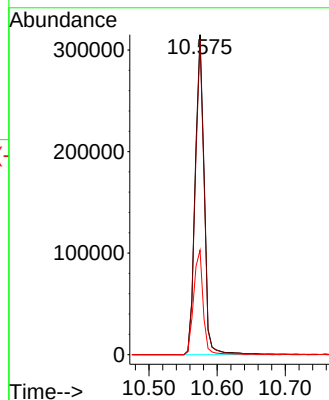
Tgt Ion:330 Resp: 288703

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 34.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 85.486 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF135525.D

Acq: 02 Oct 2023 13:54

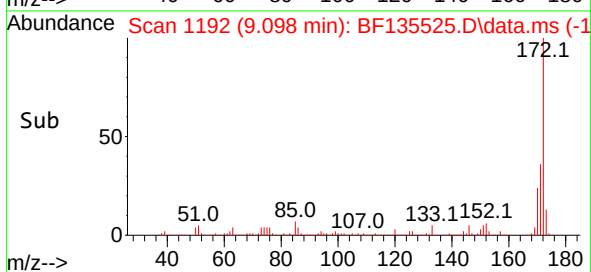
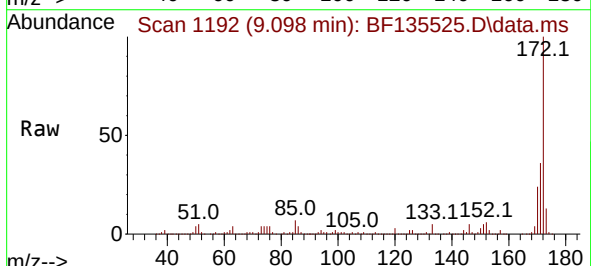
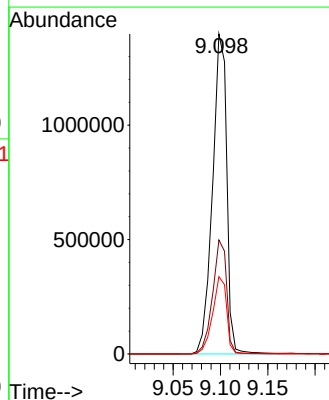
Tgt Ion:172 Resp: 1459733

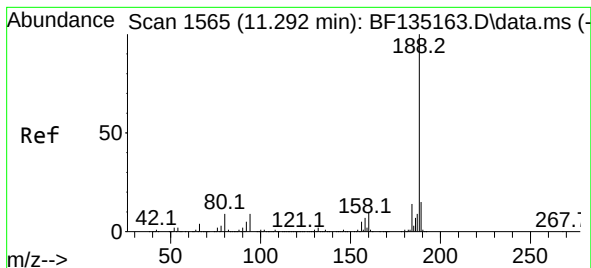
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 19.0 28.4

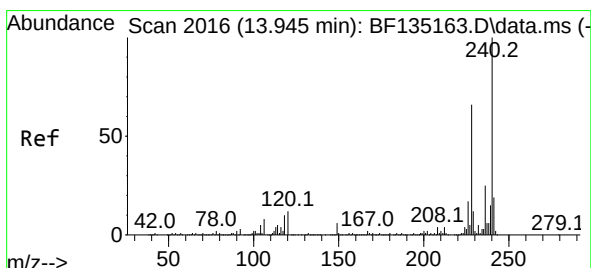
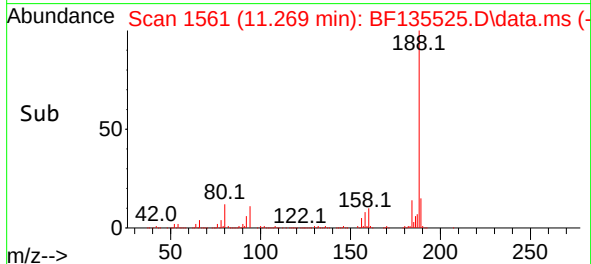
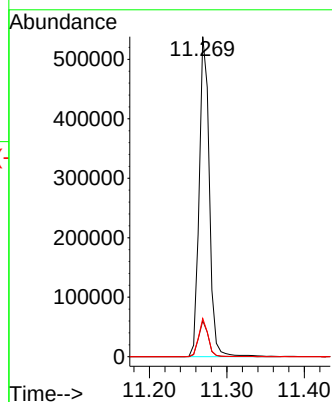
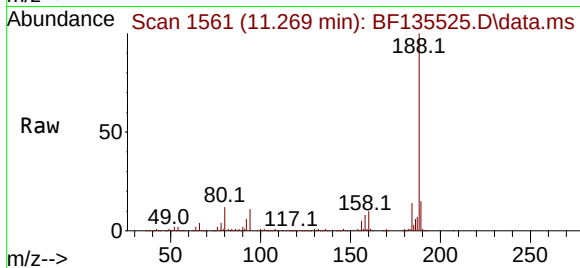




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

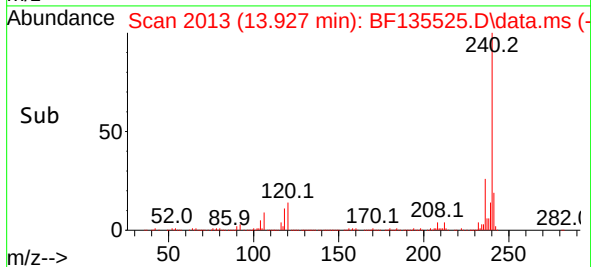
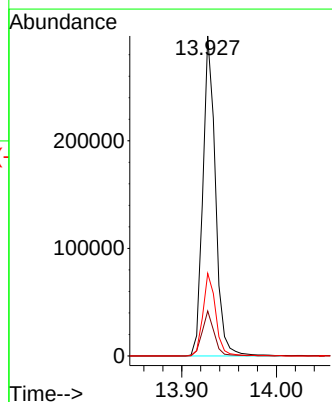
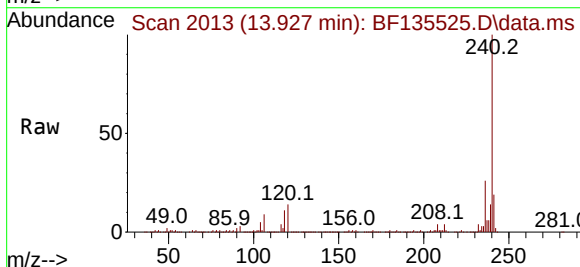
Instrument :
BNA_F
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PB155966BL

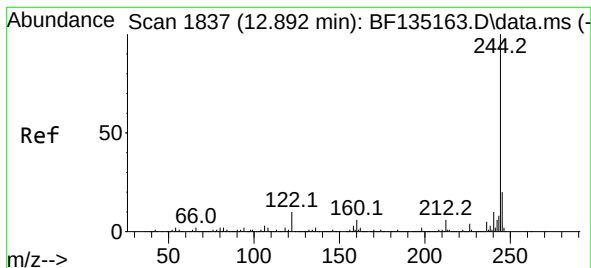
Tgt Ion:188 Resp: 488683
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 12.0 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

Tgt Ion:240 Resp: 276331
Ion Ratio Lower Upper
240 100
120 14.1 9.4 14.2
236 25.8 19.8 29.8





#79

Terphenyl-d14

Concen: 79.694 ng

RT: 12.869 min Scan# 1833

Delta R.T. -0.006 min

Lab File: BF135525.D

Acq: 02 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB155966BL

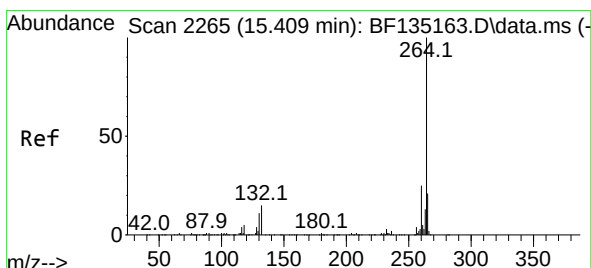
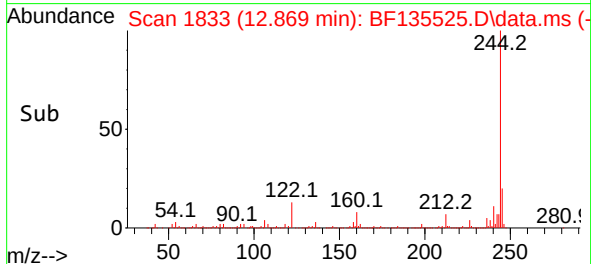
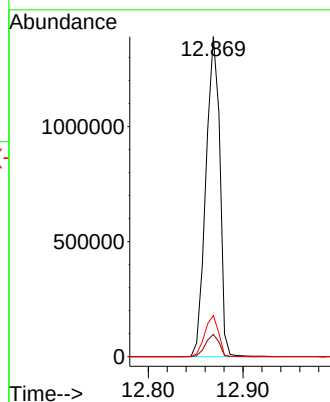
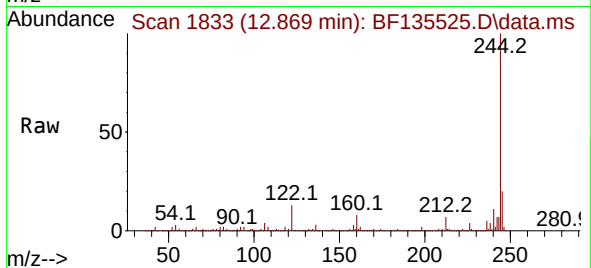
Tgt Ion:244 Resp: 1420599

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 12.8 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF135525.D

Acq: 02 Oct 2023 13:54

Tgt Ion:264 Resp: 260979

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 21.7 17.0 25.4

