

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135656.D
 Acq On : 09 Oct 2023 17:54
 Operator : CG\JU
 Sample : PB156053BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156053BL

Quant Time: Oct 10 02:19:09 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	118182	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	460317	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	231272	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	477440	20.000	ng	0.00
76) Chrysene-d12	13.933	240	324259	20.000	ng	0.00
86) Perylene-d12	15.404	264	245911	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	926226	127.469	ng	0.01
7) Phenol-d6	6.392	99	1161950	125.759	ng	0.00
23) Nitrobenzene-d5	7.304	82	737256	87.015	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	298050	129.684	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1297493	84.643	ng	0.00
79) Terphenyl-d14	12.868	244	1475351	70.532	ng	0.00

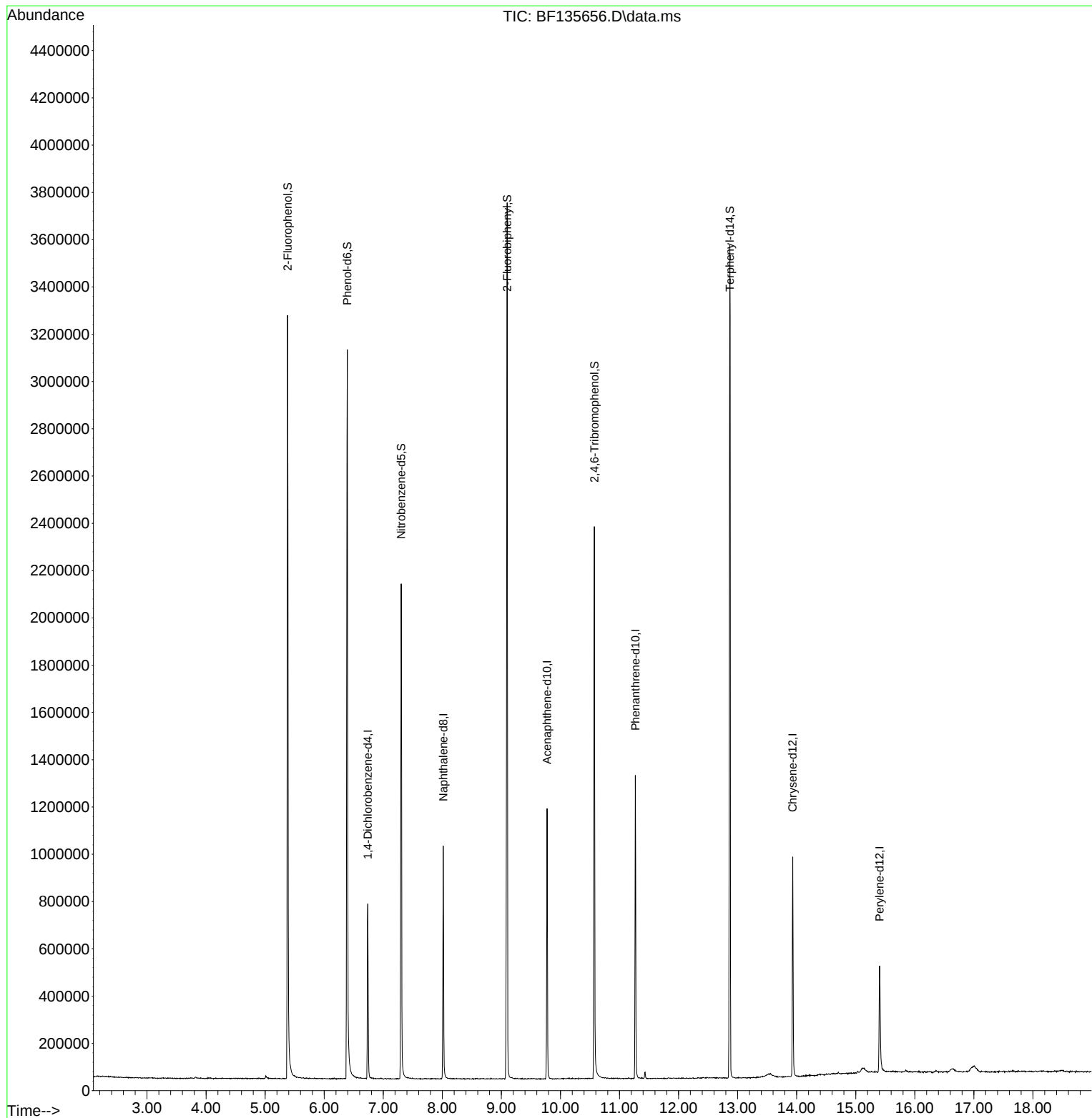
Target Compounds	Qvalue

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

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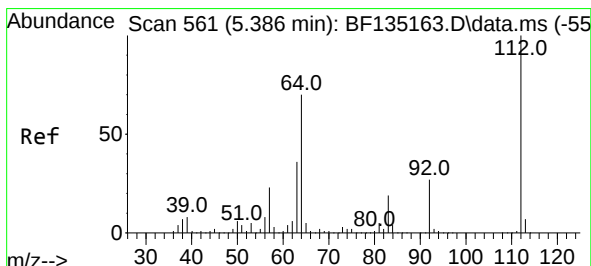
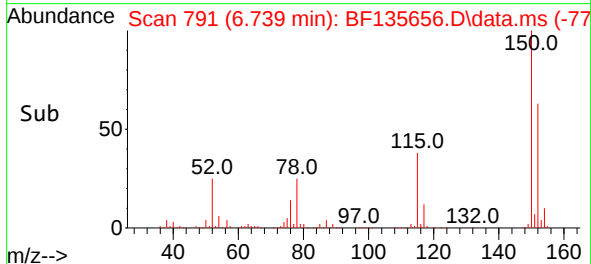
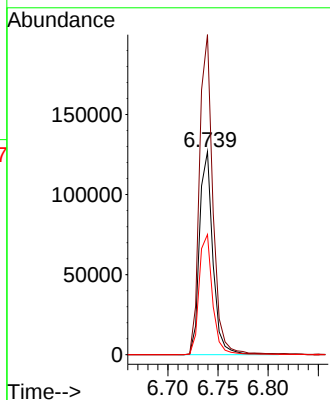
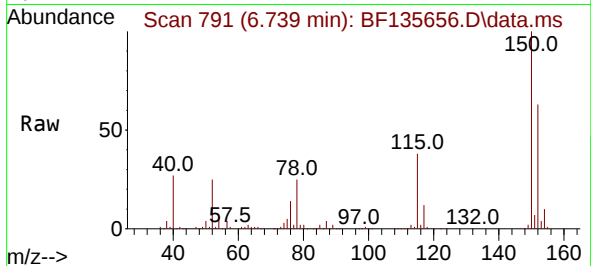




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

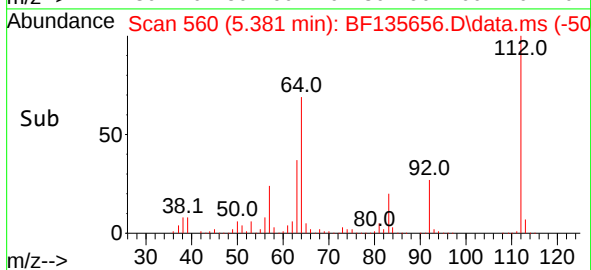
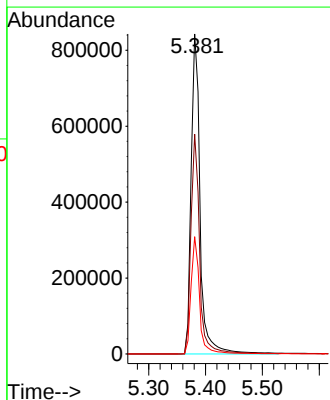
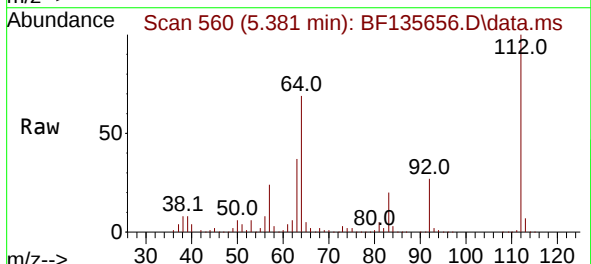
Instrument :
BNA_F
ClientSampleId :
PB156053BL

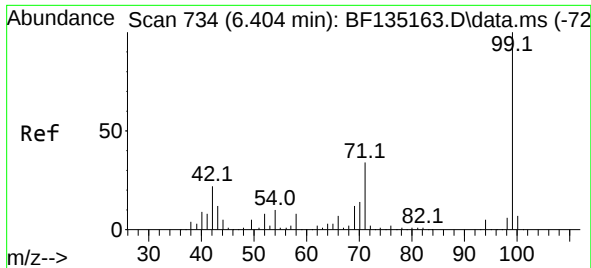
Tgt Ion:152 Resp: 118182
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 59.2 49.8 74.8



#5
2-Fluorophenol
Concen: 127.469 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

Tgt Ion:112 Resp: 926226
Ion Ratio Lower Upper
112 100
64 68.7 55.9 83.9
63 36.7 29.0 43.6





#7

Phenol-d6

Concen: 125.759 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135656.D

Acq: 09 Oct 2023 17:54

Instrument :

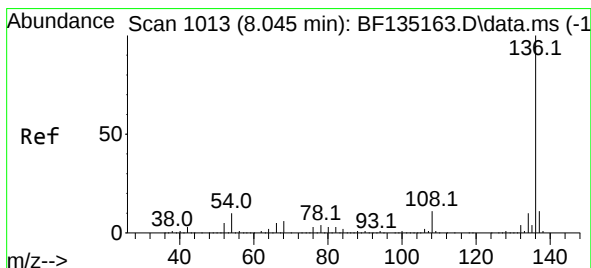
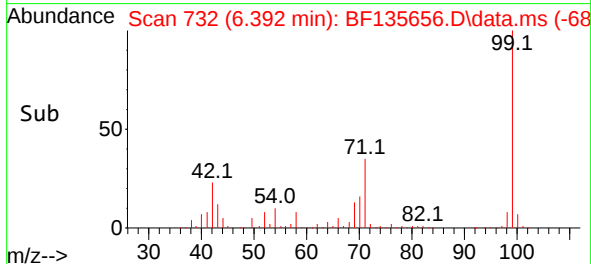
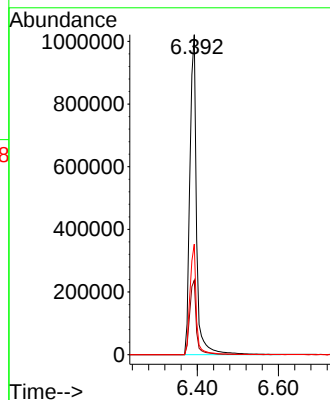
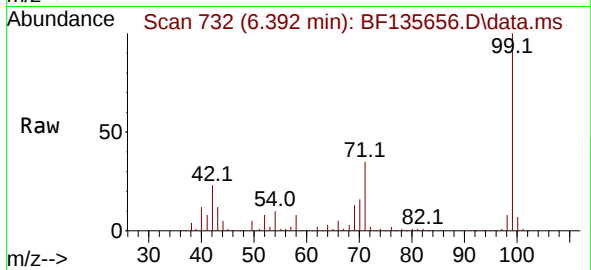
BNA_F

ClientSampleId :

PB156053BL

Tgt Ion: 99 Resp: 1161950

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.9	26.9
71	34.6	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

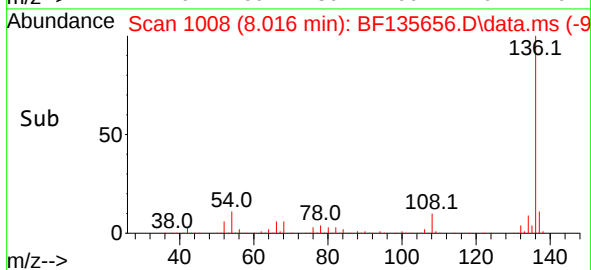
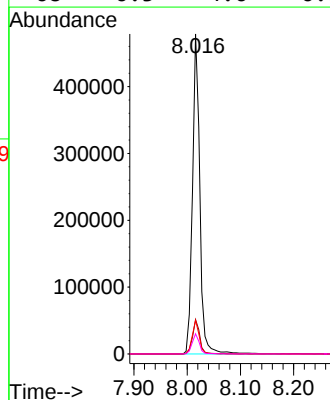
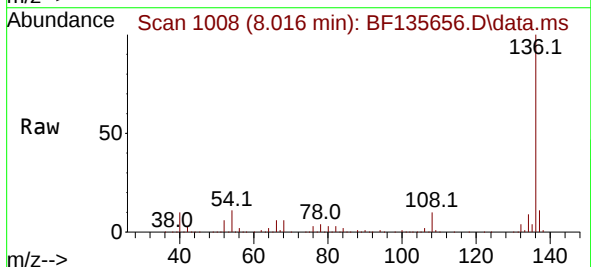
Delta R.T. -0.000 min

Lab File: BF135656.D

Acq: 09 Oct 2023 17:54

Tgt Ion: 136 Resp: 460317

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.6	7.7	11.5
68	6.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 87.015 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135656.D

Acq: 09 Oct 2023 17:54

Instrument :

BNA_F

ClientSampleId :

PB156053BL

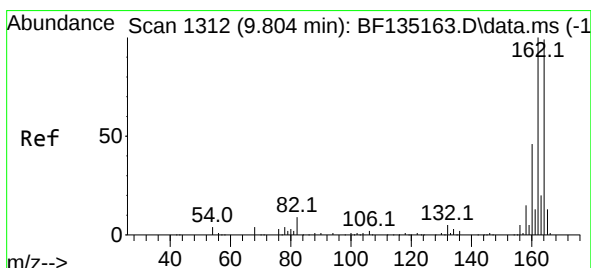
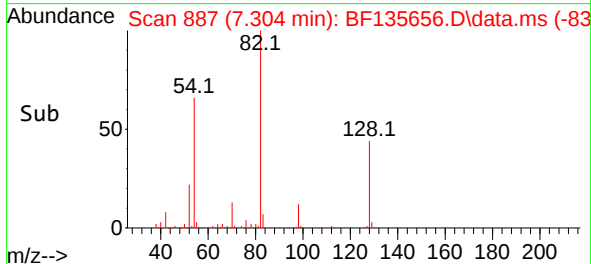
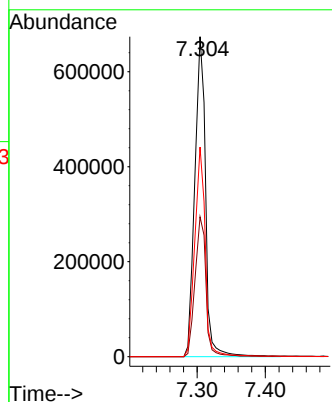
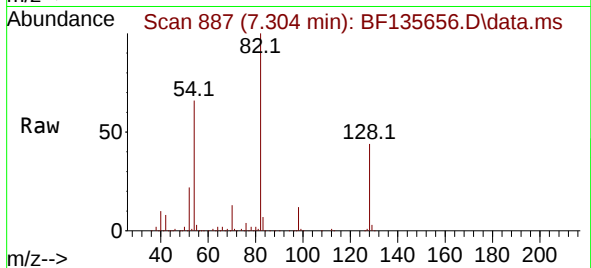
Tgt Ion: 82 Resp: 737256

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.6

54 65.5 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: BF135656.D

Acq: 09 Oct 2023 17:54

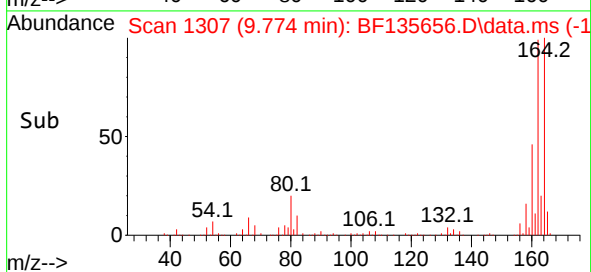
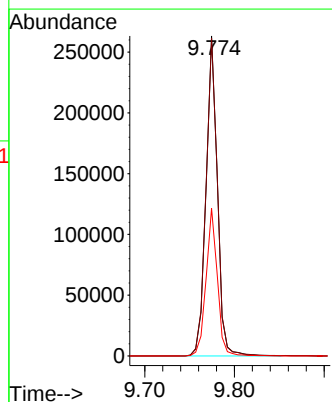
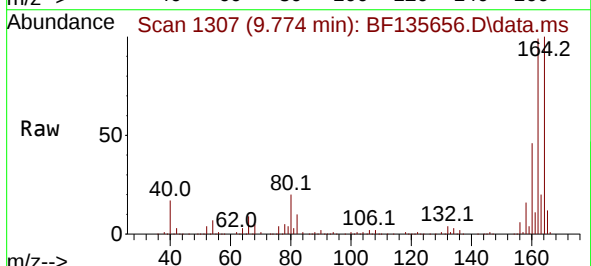
Tgt Ion: 164 Resp: 231272

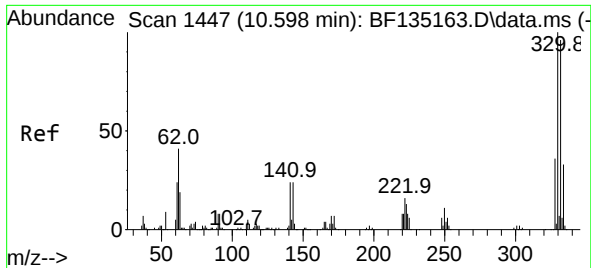
Ion Ratio Lower Upper

164 100

162 99.3 81.0 121.4

160 46.2 37.0 55.4

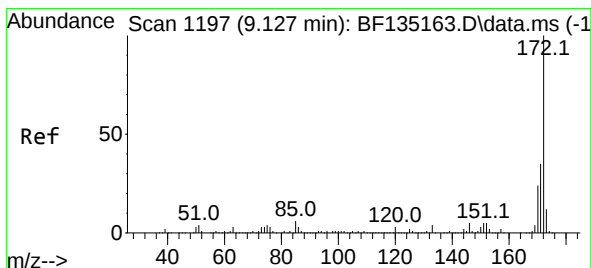
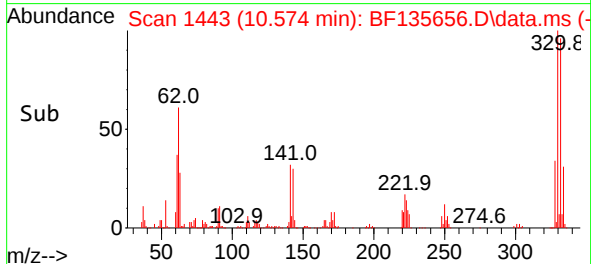
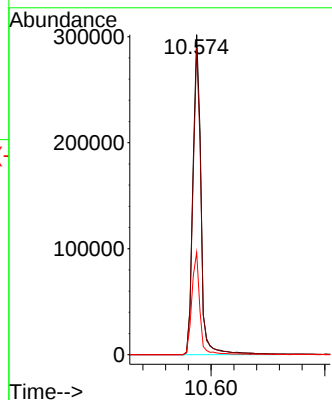
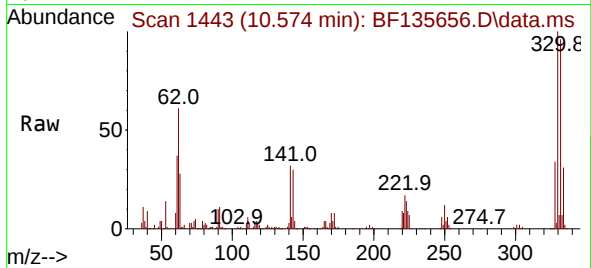




#42
2,4,6-Tribromophenol
Concen: 129.684 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

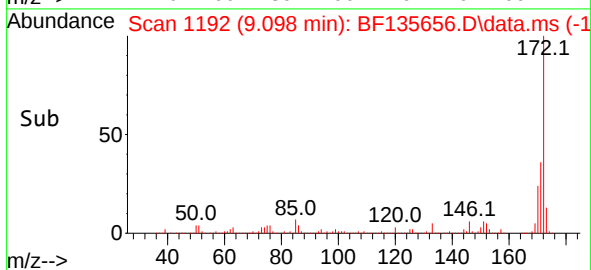
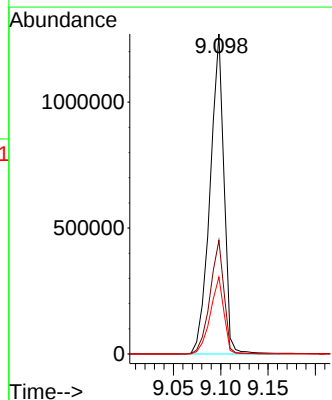
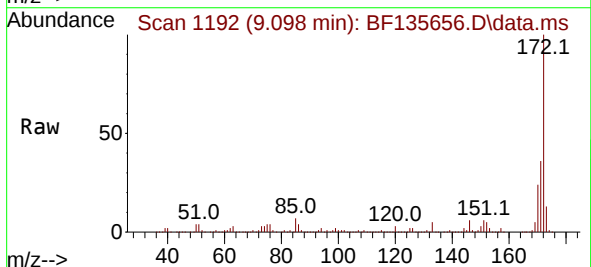
Instrument :
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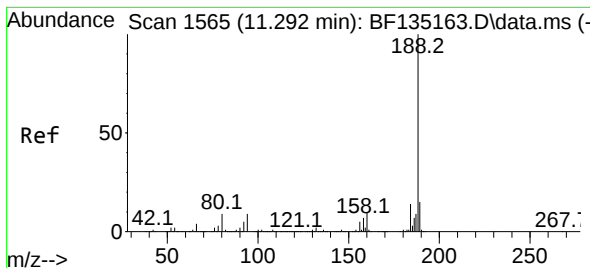
Tgt Ion:330 Resp: 298050
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 31.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 84.643 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

Tgt Ion:172 Resp: 1297493
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# 11

Delta R.T. -0.000 min

Lab File: BF135656.D

Acq: 09 Oct 2023 17:54

Instrument :

BNA_F

ClientSampleId :

PB156053BL

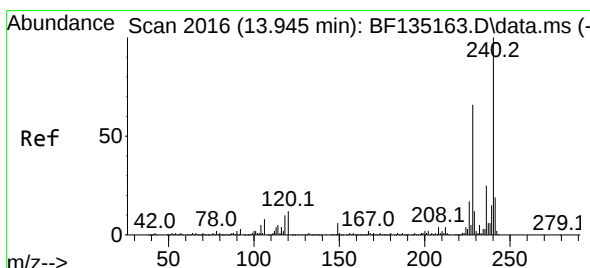
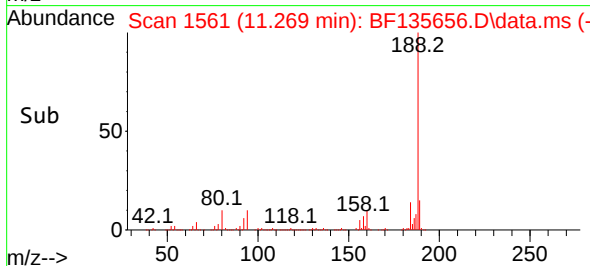
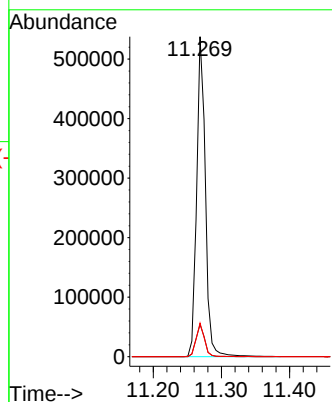
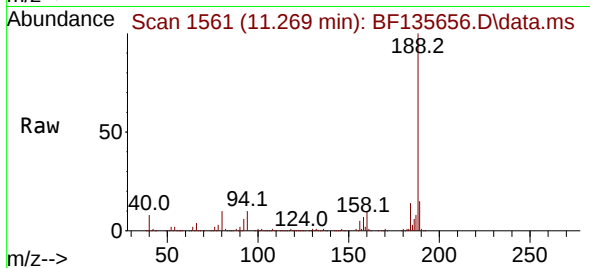
Tgt Ion:188 Resp: 477440

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.5 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: BF135656.D

Acq: 09 Oct 2023 17:54

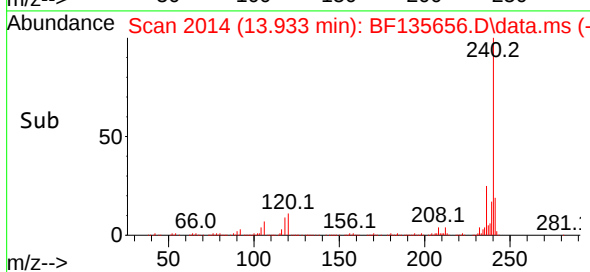
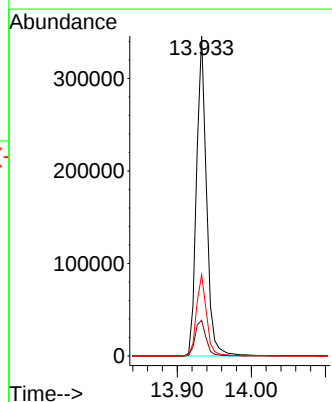
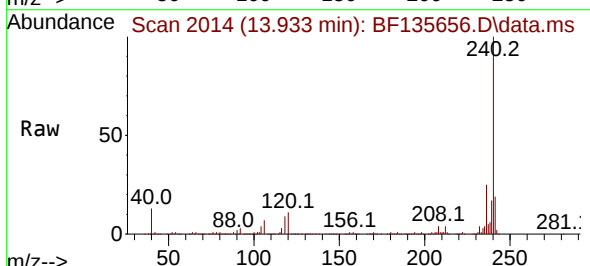
Tgt Ion:240 Resp: 324259

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

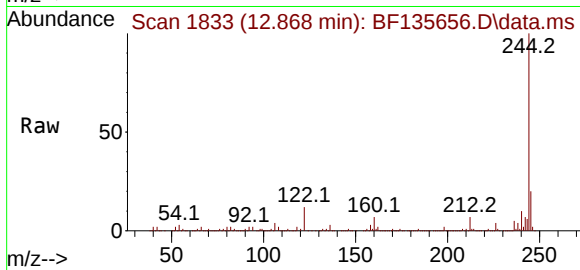
236 25.4 19.8 29.8



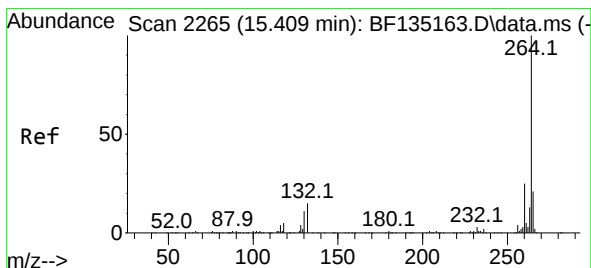
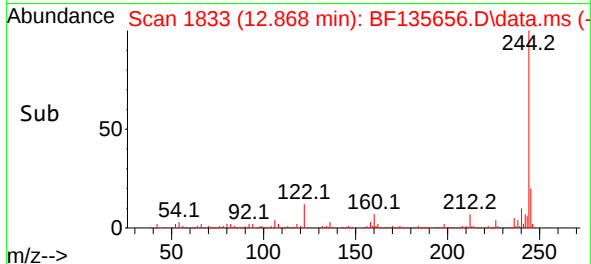
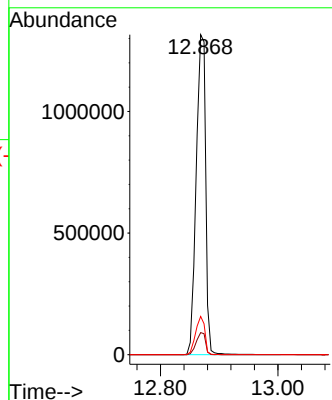


#79
 Terphenyl-d14
 Concen: 70.532 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135656.D
 Acq: 09 Oct 2023 17:54

Instrument :
 BNA_F
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 PB156053BL



Tgt Ion:244 Resp: 1475351
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.9 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: BF135656.D
 Acq: 09 Oct 2023 17:54

Tgt Ion:264 Resp: 245911
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 22.4 17.0 25.4

