

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135704.D
 Acq On : 11 Oct 2023 10:31
 Operator : CG\JU
 Sample : PB156020BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156020BL

Quant Time: Oct 12 00:45:42 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	6.739	152	101106	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	402871	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	207863	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	400050	20.000	ng	0.00
76) Chrysene-d12	13.933	240	277679	20.000	ng	0.00
86) Perylene-d12	15.409	264	223966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	941940	151.526	ng	0.01
7) Phenol-d6	6.392	99	1168072	147.773	ng	0.00
23) Nitrobenzene-d5	7.310	82	727987	98.173	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	294258	142.453	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1332404	96.709	ng	0.00
79) Terphenyl-d14	12.874	244	1515859	84.625	ng	0.00

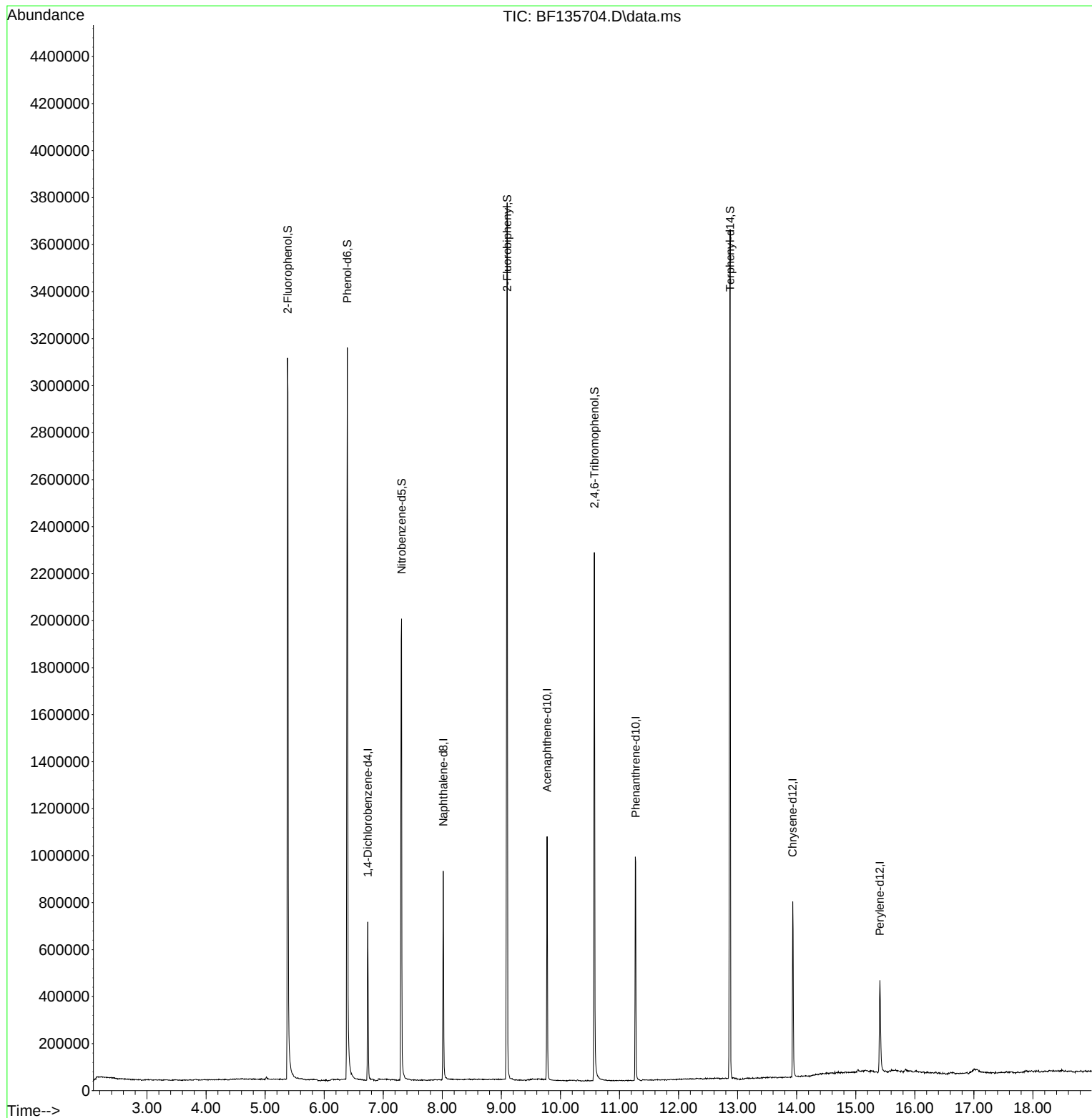
Target Compounds	Qvalue

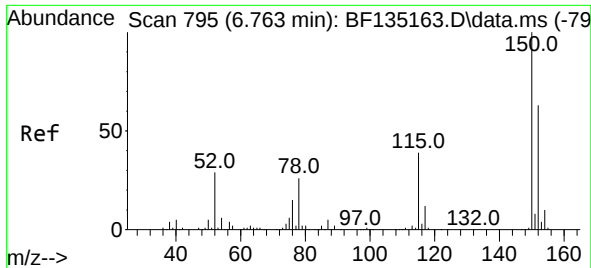
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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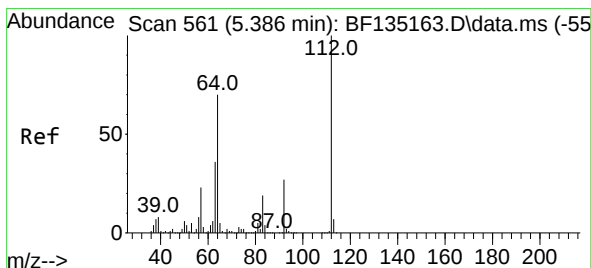
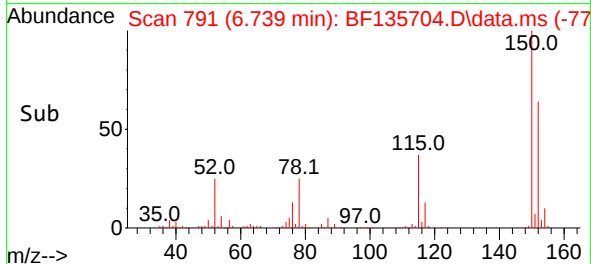
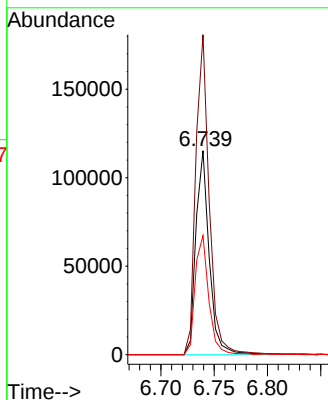
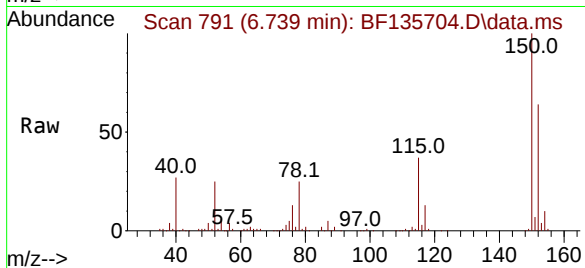




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

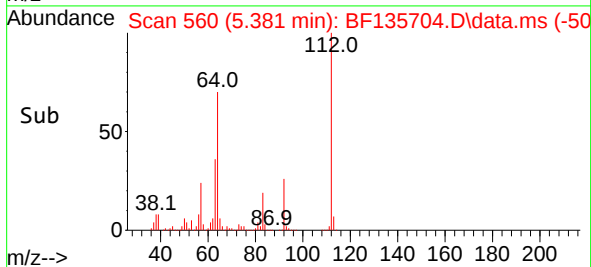
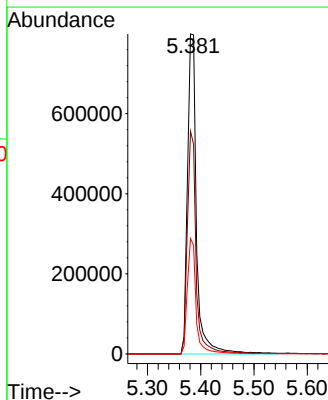
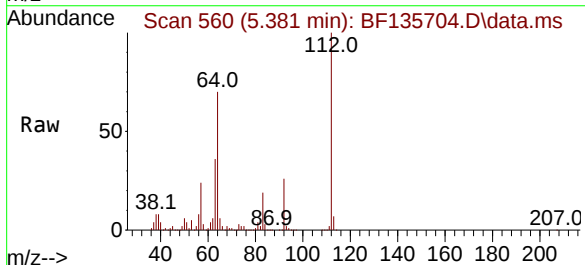
Instrument :
BNA_F
ClientSampleId :
PB156020BL

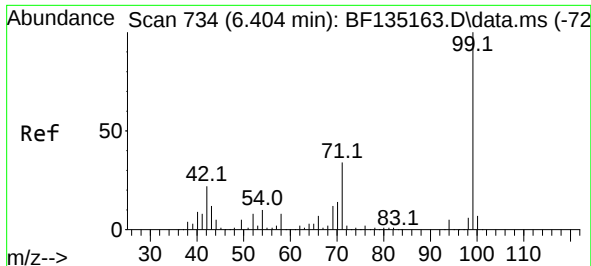
Tgt Ion:152 Resp: 101106
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 58.5 49.8 74.8



#5
2-Fluorophenol
Concen: 151.526 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

Tgt Ion:112 Resp: 941940
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 36.1 29.0 43.6

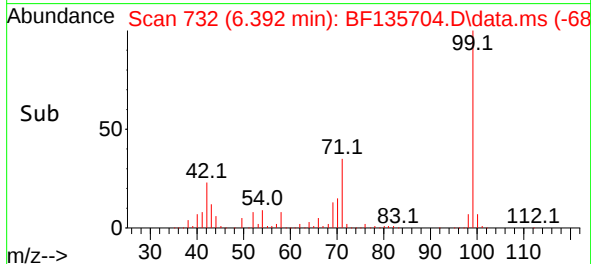
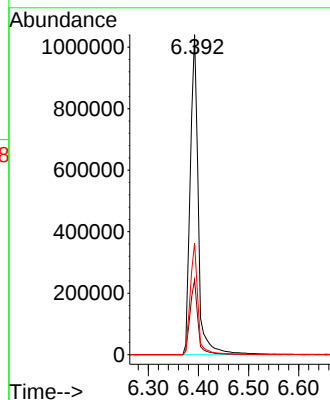
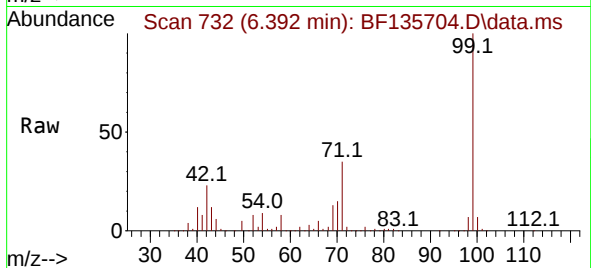




#7
Phenol-d6
Concen: 147.773 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

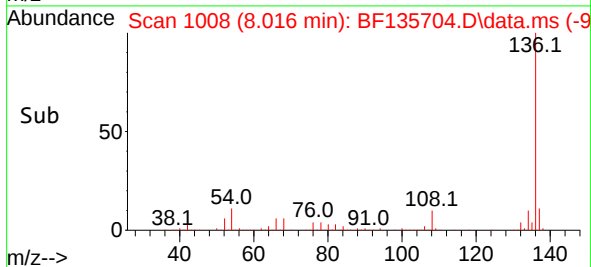
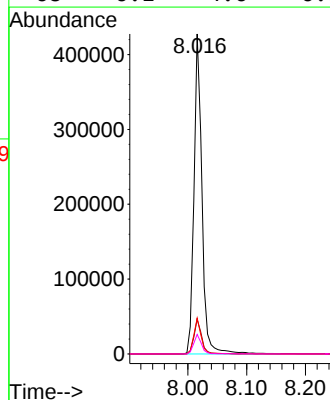
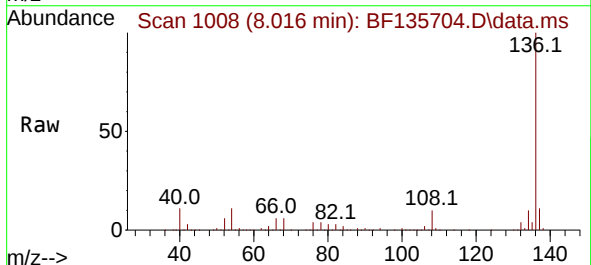
Instrument :
BNA_F
ClientSampleId :
PB156020BL

Tgt Ion: 99 Resp: 1168072
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 34.8 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: BF135704.D
Acq: 11 Oct 2023 10:31

Tgt Ion: 136 Resp: 402871
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.2 7.7 11.5
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 98.173 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF135704.D

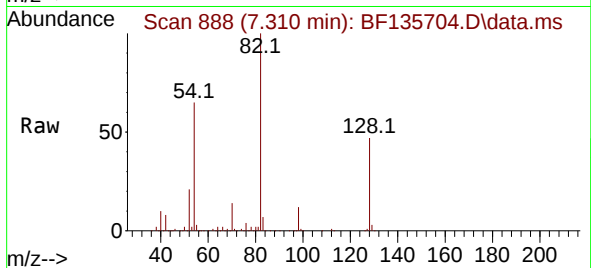
Acq: 11 Oct 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB156020BL



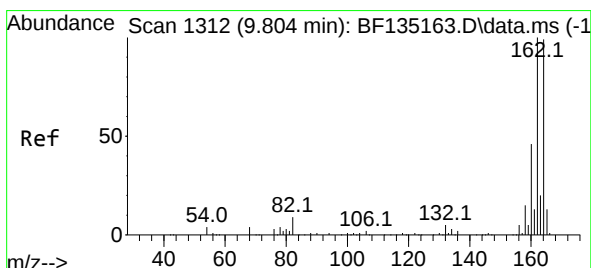
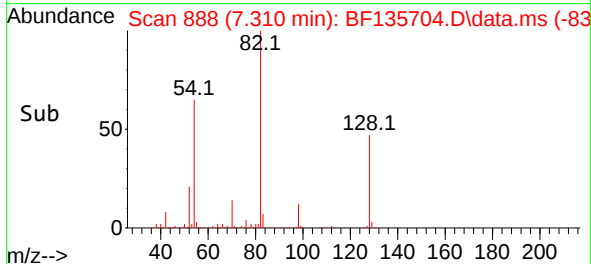
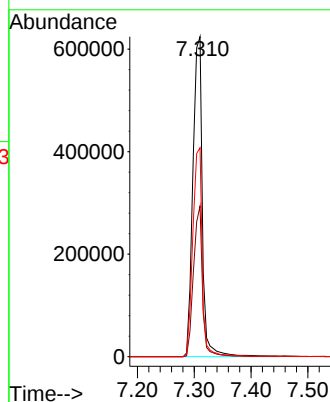
Tgt Ion: 82 Resp: 727987

Ion Ratio Lower Upper

82 100

128 47.1 35.8 53.6

54 65.3 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: BF135704.D

Acq: 11 Oct 2023 10:31

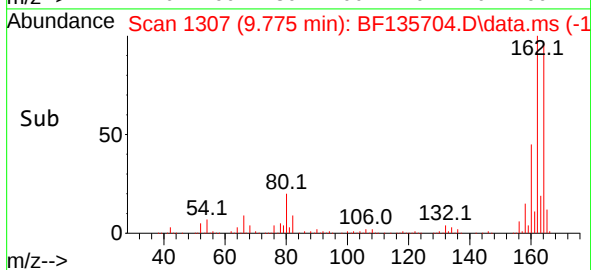
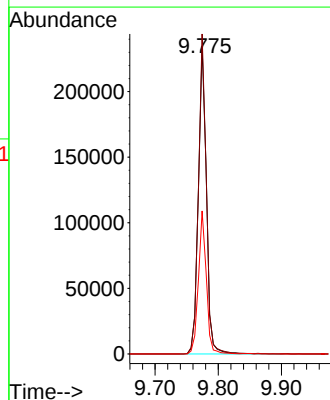
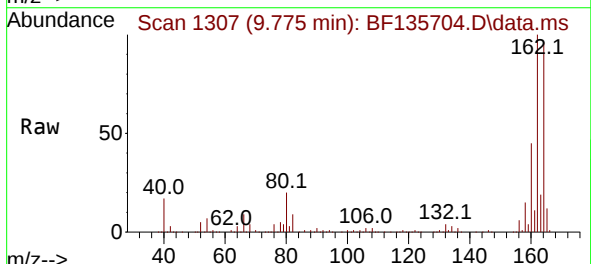
Tgt Ion: 164 Resp: 207863

Ion Ratio Lower Upper

164 100

162 103.9 81.0 121.4

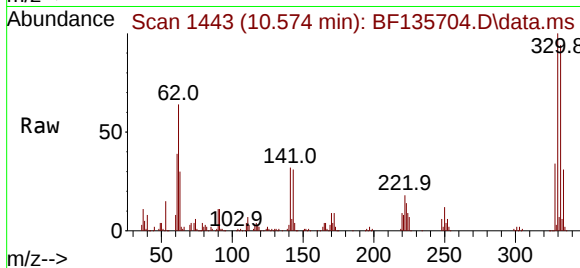
160 46.5 37.0 55.4



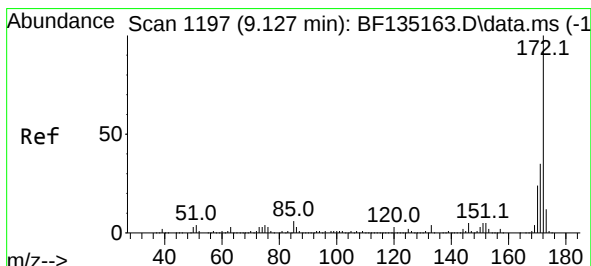
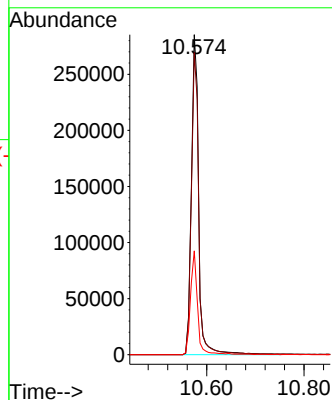
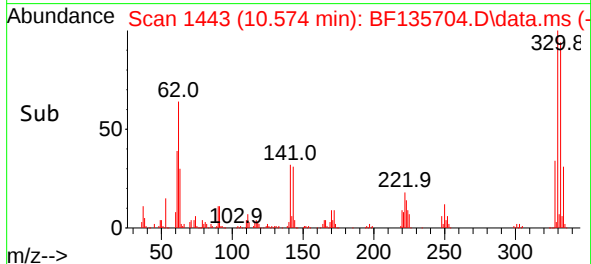


#42
2,4,6-Tribromophenol
Concen: 142.453 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

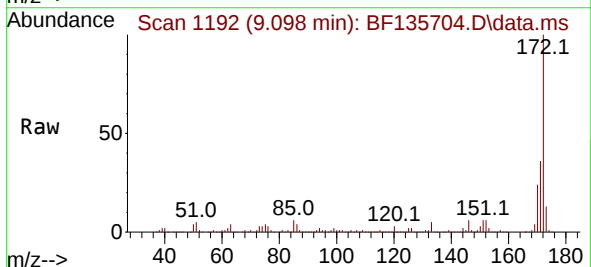
Instrument :
BNA_F
ClientSampleId :
PB156020BL



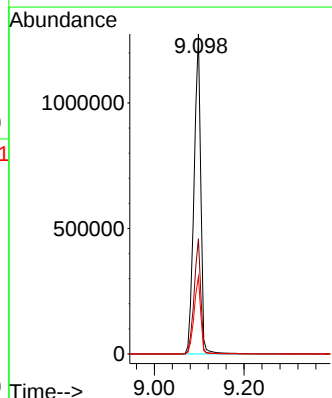
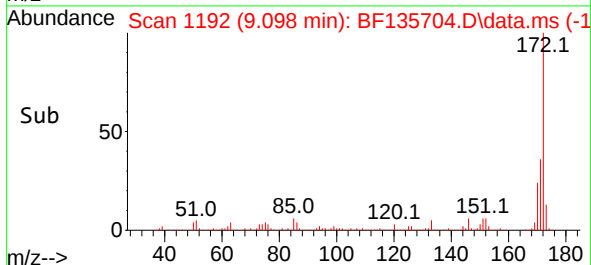
Tgt Ion:330 Resp: 294258
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 31.2 25.8 38.8

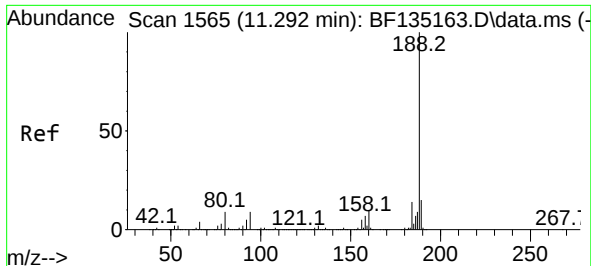


#45
2-Fluorobiphenyl
Concen: 96.709 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31



Tgt Ion:172 Resp: 1332404
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.1 19.0 28.4

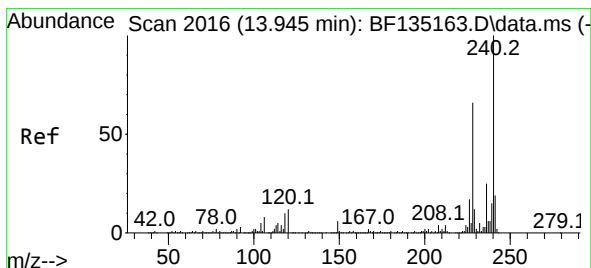
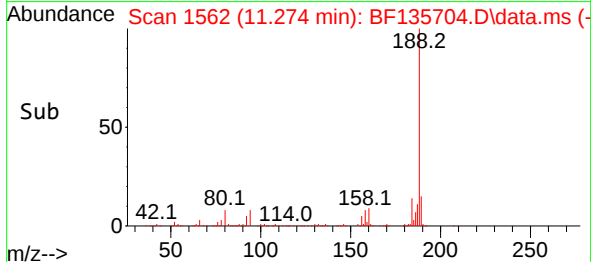
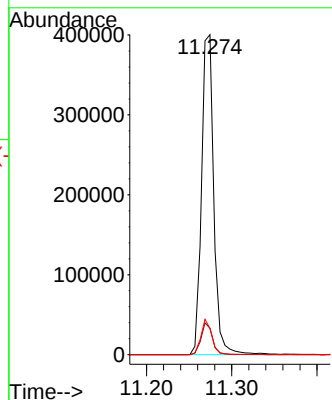
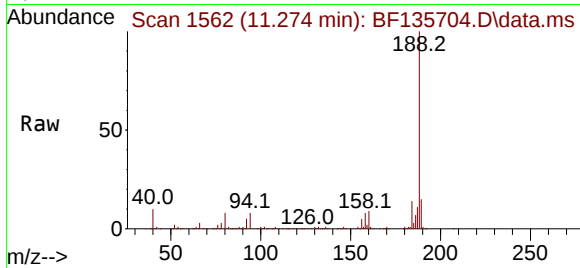




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

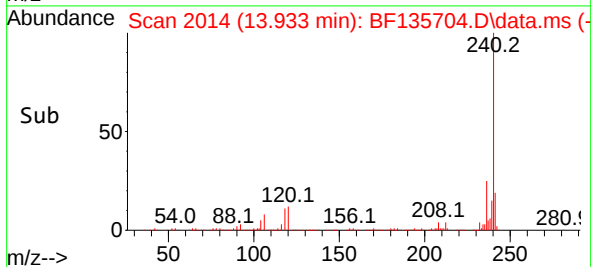
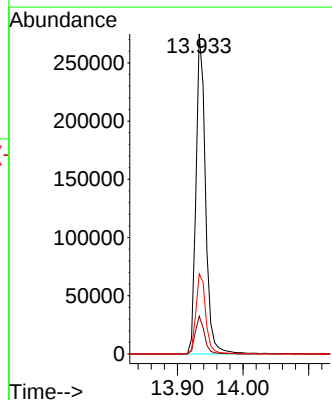
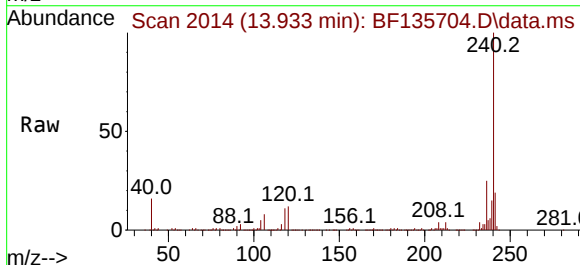
Instrument :
BNA_F
ClientSampleId :
PB156020BL

Tgt Ion:188 Resp: 400050
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.2 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: BF135704.D
Acq: 11 Oct 2023 10:31

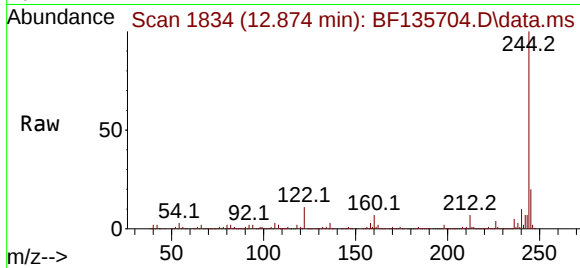
Tgt Ion:240 Resp: 277679
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 25.1 19.8 29.8



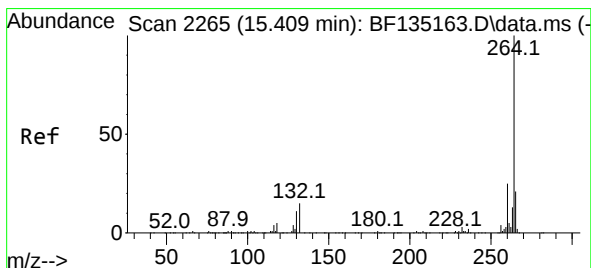
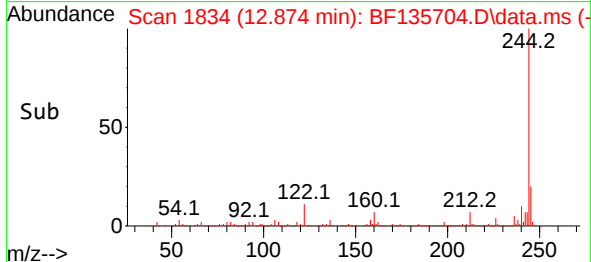
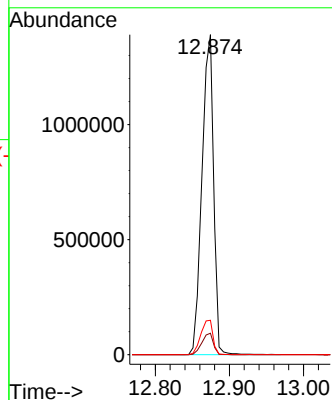


#79
 Terphenyl-d14
 Concen: 84.625 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: BF135704.D
 Acq: 11 Oct 2023 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB156020BL



Tgt Ion:244 Resp: 1515859
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135704.D
 Acq: 11 Oct 2023 10:31

Tgt Ion:264 Resp: 223966
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.8 29.6
 265 20.9 17.0 25.4

