

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135769.D
 Acq On : 16 Oct 2023 11:04
 Operator : CG\JU
 Sample : PB156372BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156372BL

Quant Time: Oct 17 01:27:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	111414	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	433019	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	214418	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	445064	20.000	ng	0.00
76) Chrysene-d12	13.939	240	344319	20.000	ng	-0.01
86) Perylene-d12	15.421	264	329826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	982614	141.795	ng	0.01
7) Phenol-d6	6.398	99	1204026	139.250	ng	0.00
23) Nitrobenzene-d5	7.310	82	781798	99.299	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	337780	164.169	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1312044	95.673	ng	0.00
79) Terphenyl-d14	12.880	244	1645506	88.503	ng	0.00

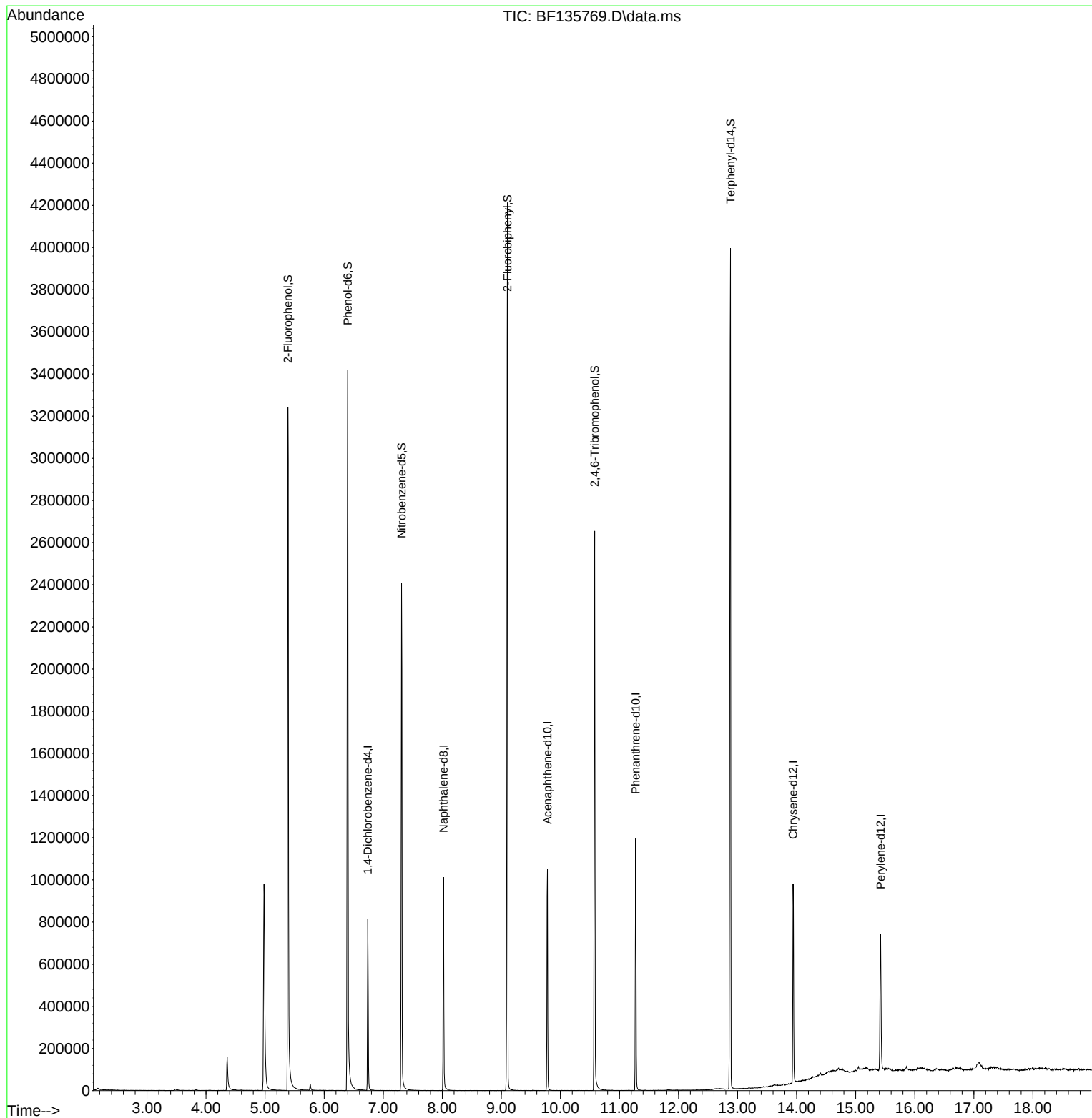
Target Compounds	Qvalue

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

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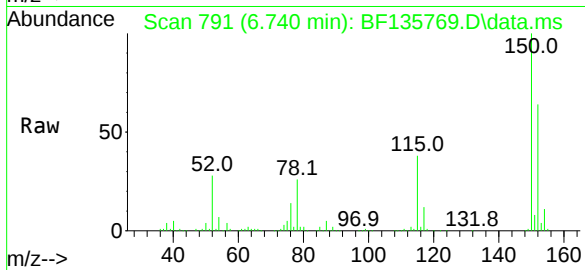
Quant Time: Oct 17 01:27:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
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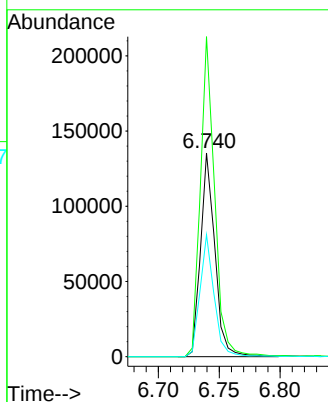
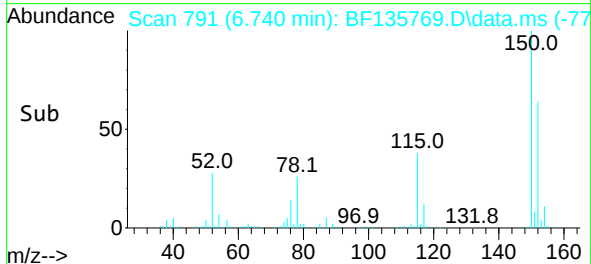


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

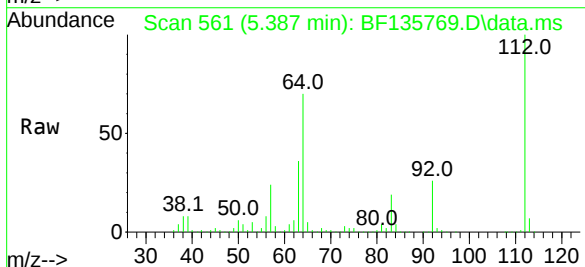
Instrument :
BNA_F
ClientSampleId :
PB156372BL



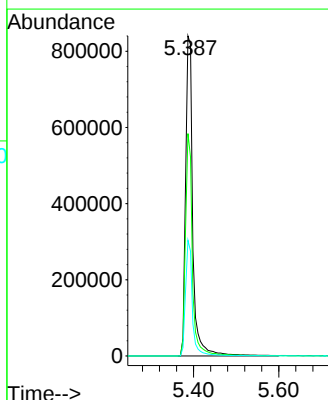
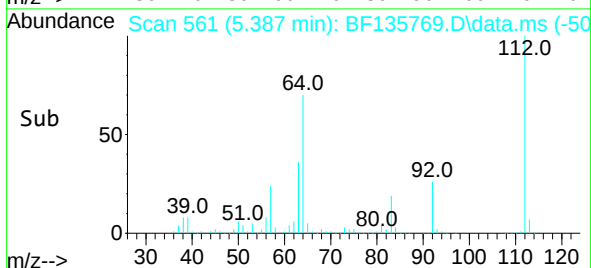
Tgt Ion:152 Resp: 111414
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 59.9 49.0 73.4

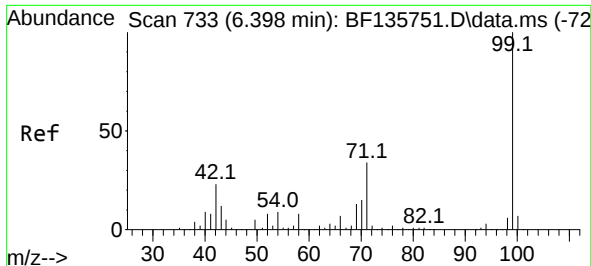


#5
2-Fluorophenol
Concen: 141.795 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04



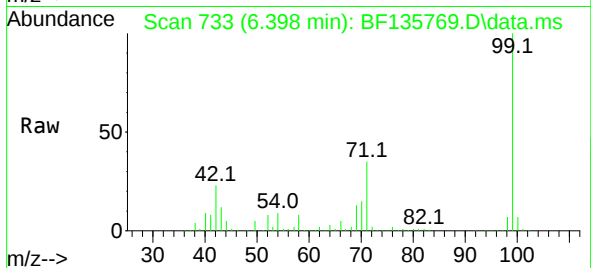
Tgt Ion:112 Resp: 982614
Ion Ratio Lower Upper
112 100
64 69.5 51.2 76.8
63 36.2 26.1 39.1





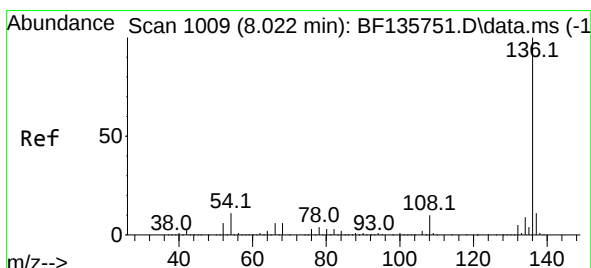
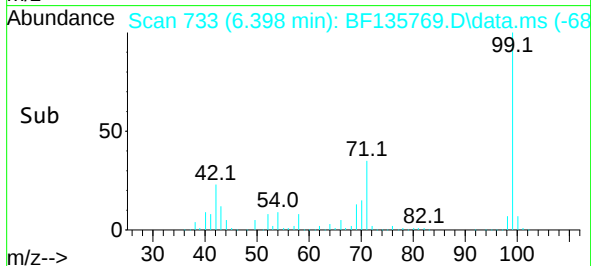
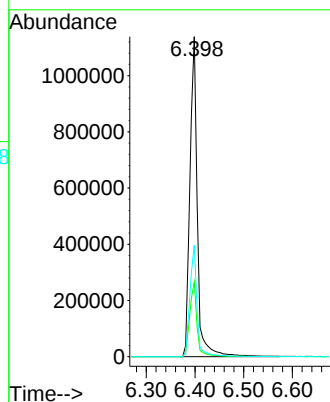
#7
Phenol-d6
Concen: 139.250 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

Instrument :
BNA_F
ClientSampleId :
PB156372BL



Tgt Ion: 99 Resp: 1204026

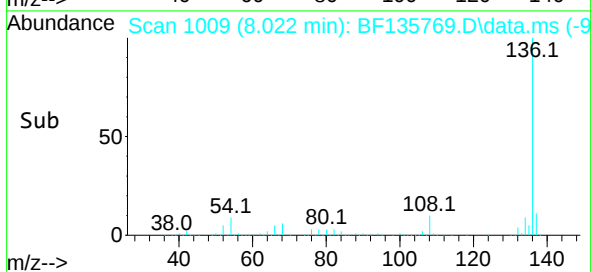
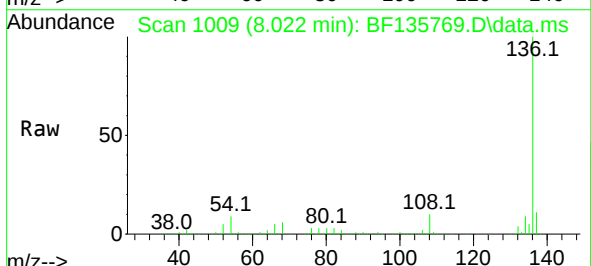
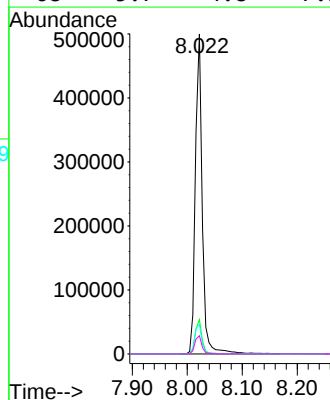
Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.4	27.6
71	34.9	27.2	40.8

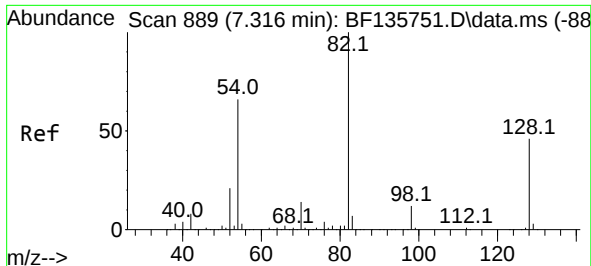


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

Tgt Ion: 136 Resp: 433019

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.2	8.5	12.7
68	5.7	4.8	7.2

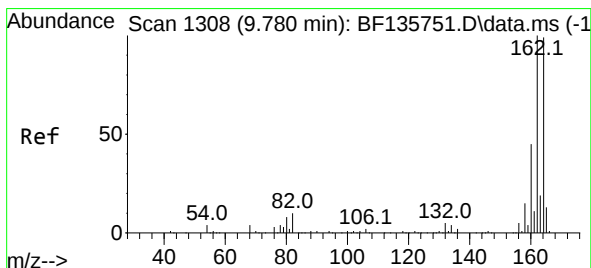
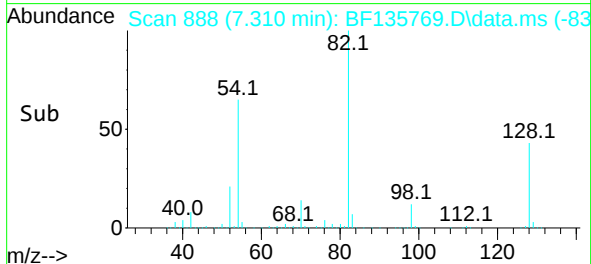
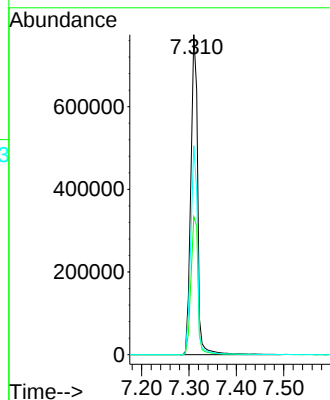
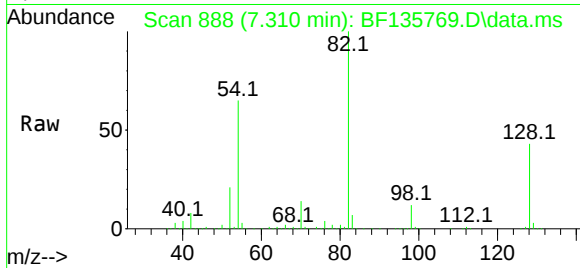




#23
Nitrobenzene-d5
Concen: 99.299 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

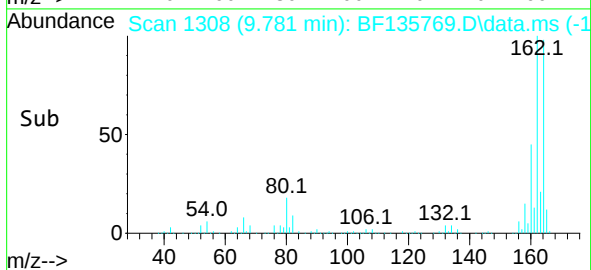
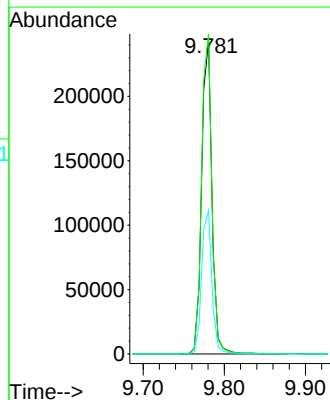
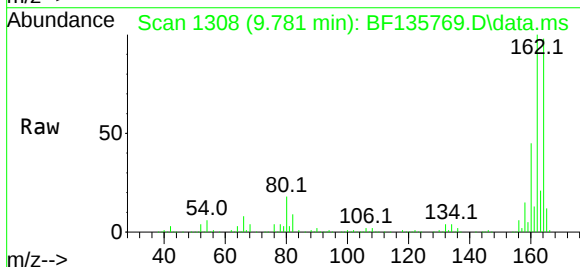
Instrument :
BNA_F
ClientSampleId :
PB156372BL

Tgt Ion: 82 Resp: 781798
Ion Ratio Lower Upper
82 100
128 43.1 37.0 55.6
54 65.3 52.8 79.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

Tgt Ion: 164 Resp: 214418
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 45.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 164.169 ng

RT: 10.581 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135769.D

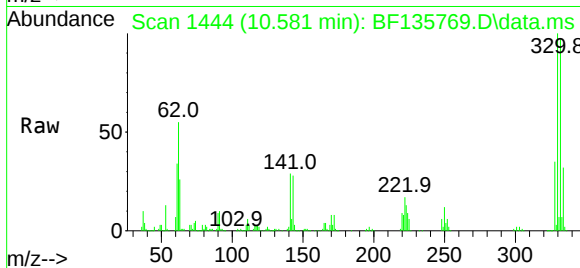
Acq: 16 Oct 2023 11:04

Instrument :

BNA_F

ClientSampleId :

PB156372BL



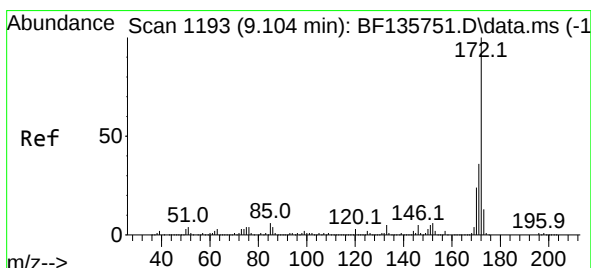
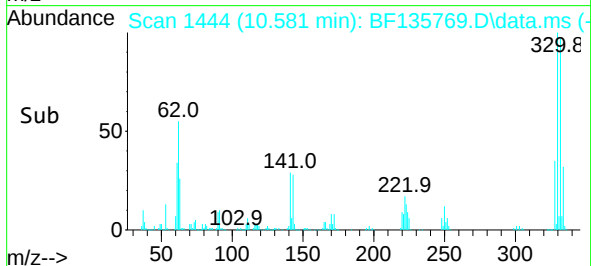
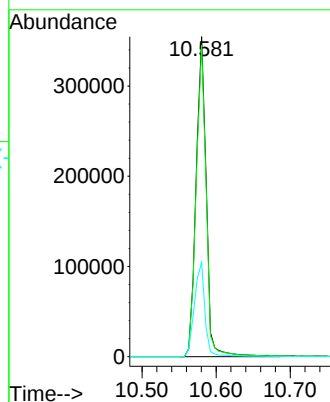
Tgt Ion:330 Resp: 337780

Ion Ratio Lower Upper

330 100

332 96.7 75.0 112.4

141 31.0 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 95.673 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF135769.D

Acq: 16 Oct 2023 11:04

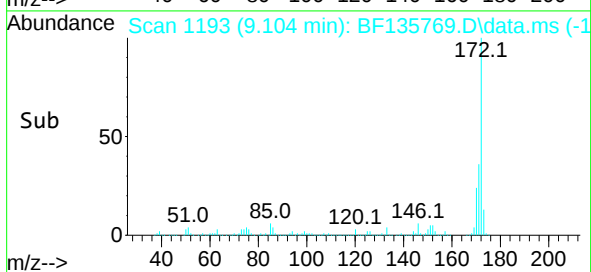
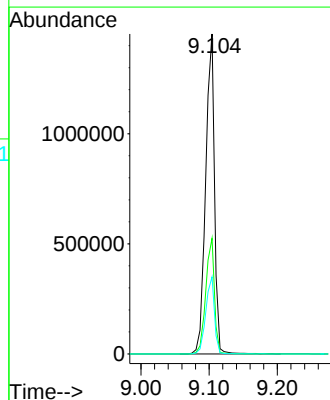
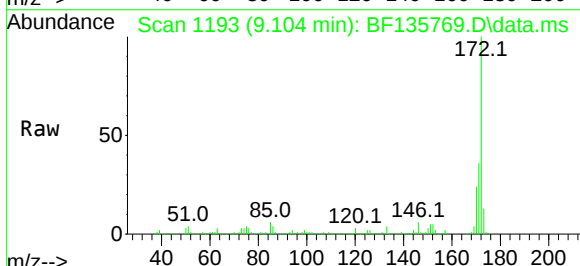
Tgt Ion:172 Resp: 1312044

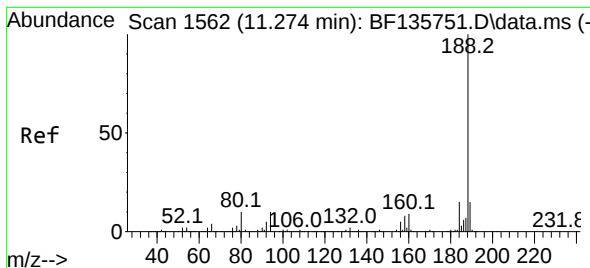
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.1 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135769.D

Acq: 16 Oct 2023 11:04

Instrument :

BNA_F

ClientSampleId :

PB156372BL

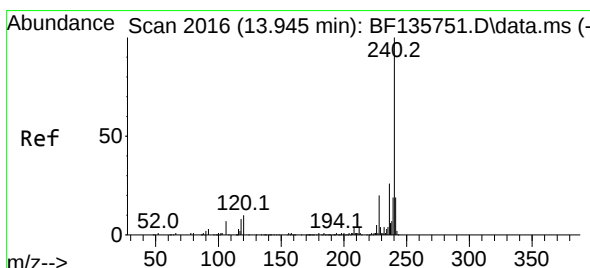
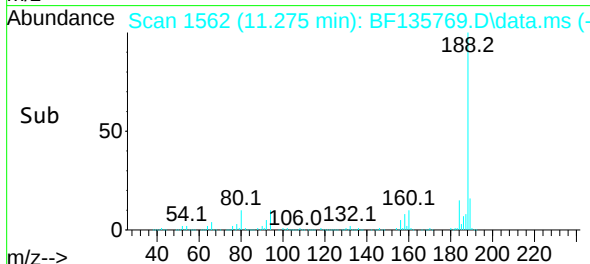
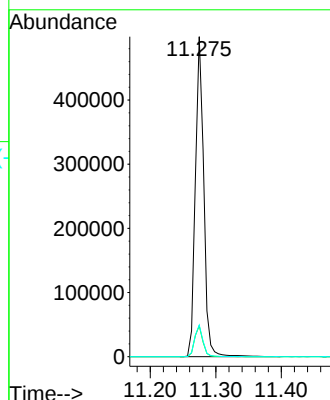
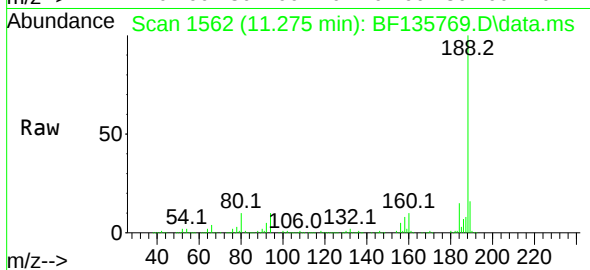
Tgt Ion:188 Resp: 445064

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

80 9.9 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135769.D

Acq: 16 Oct 2023 11:04

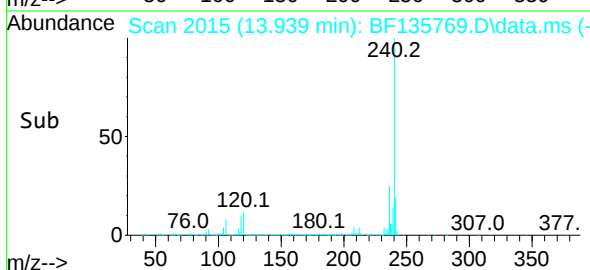
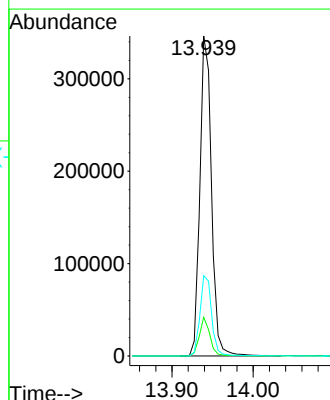
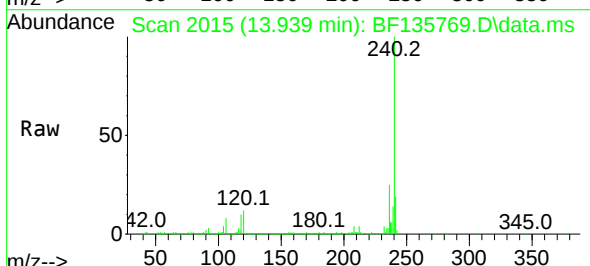
Tgt Ion:240 Resp: 344319

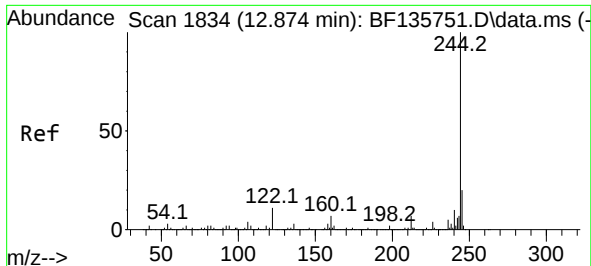
Ion Ratio Lower Upper

240 100

120 12.1 8.2 12.2

236 25.1 21.2 31.8

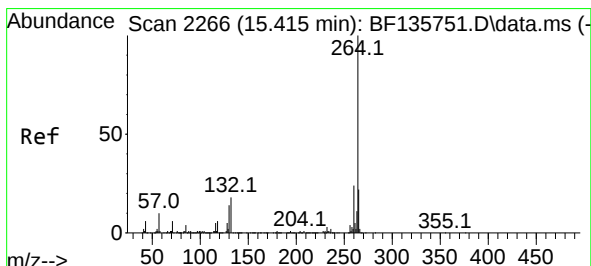
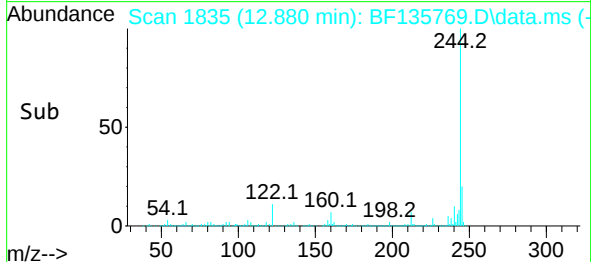
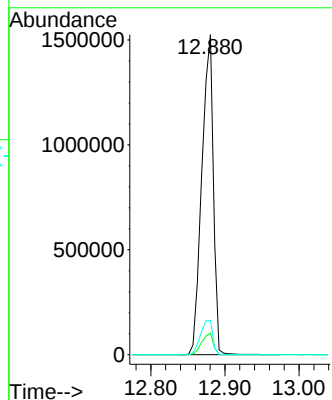
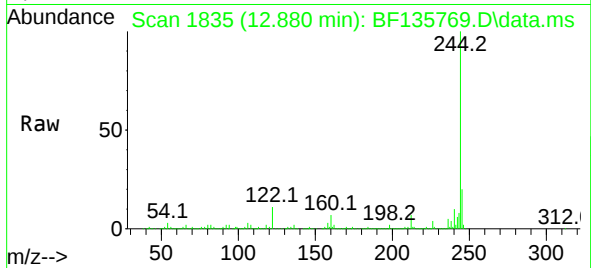




#79
 Terphenyl-d14
 Concen: 88.503 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135769.D
 Acq: 16 Oct 2023 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB156372BL

Tgt Ion:244 Resp: 1645506
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF135769.D
 Acq: 16 Oct 2023 11:04

Tgt Ion:264 Resp: 329826
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.6 17.4 26.2

