

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135913.D
 Acq On : 20 Oct 2023 17:56
 Operator : CG\JU
 Sample : PB156255BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156255BL

Quant Time: Oct 20 23:20:12 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	6.734	152	75391	20.000	ng	-0.01
21) Naphthalene-d8	8.010	136	265936	20.000	ng	-0.01
39) Acenaphthene-d10	9.769	164	151646	20.000	ng	-0.02
64) Phenanthrene-d10	11.269	188	280356	20.000	ng	#-0.01
76) Chrysene-d12	13.933	240	187326	20.000	ng	-0.02
86) Perylene-d12	15.410	264	155693	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	596681	127.245	ng	0.00
7) Phenol-d6	6.393	99	799606	136.665	ng	0.00
23) Nitrobenzene-d5	7.304	82	465592	96.291	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	215972	148.418	ng	-0.02
45) 2-Fluorobiphenyl	9.092	172	868411	89.535	ng	-0.01
79) Terphenyl-d14	12.869	244	995162	98.382	ng	-0.01

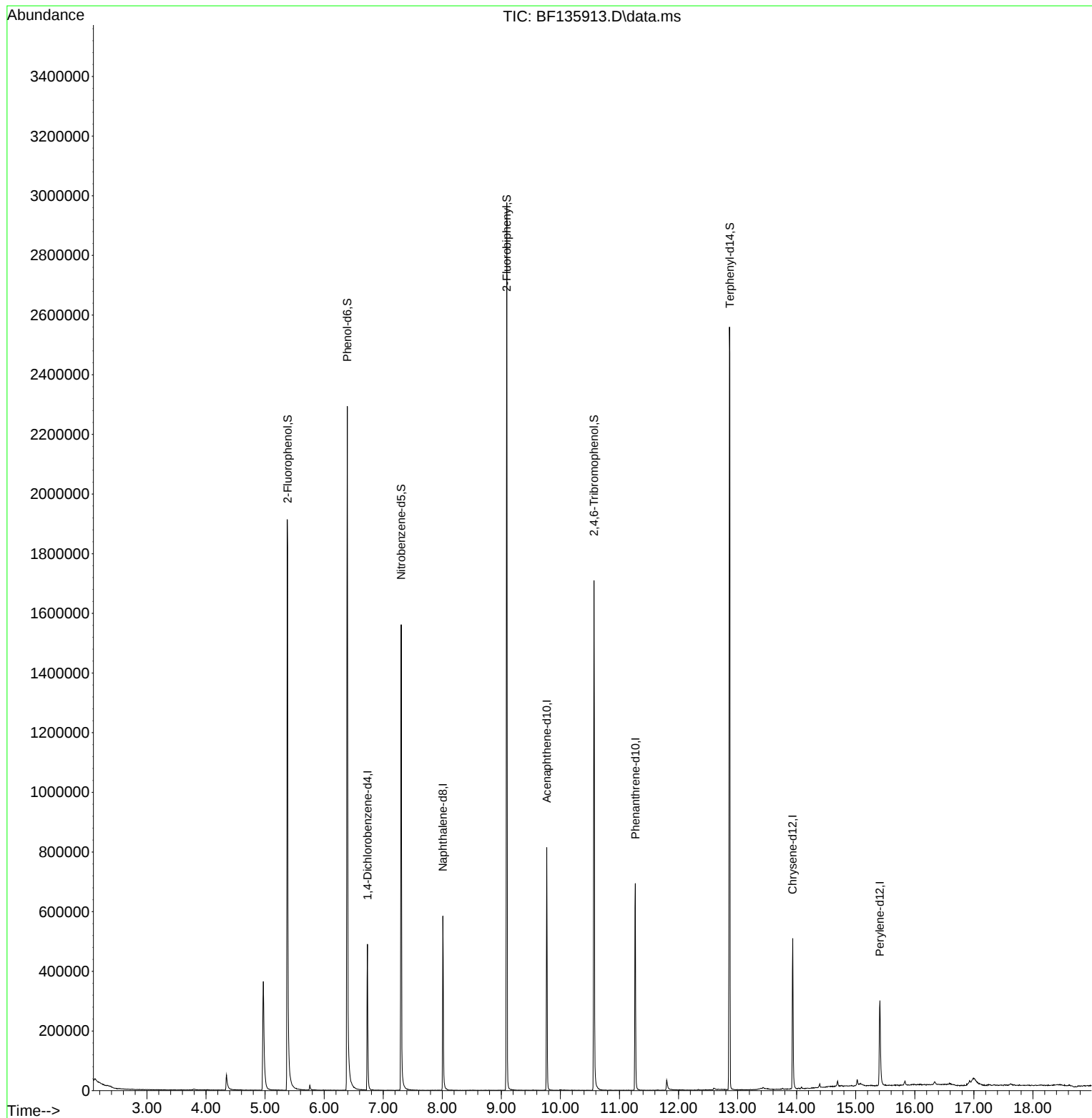
Target Compounds	Qvalue

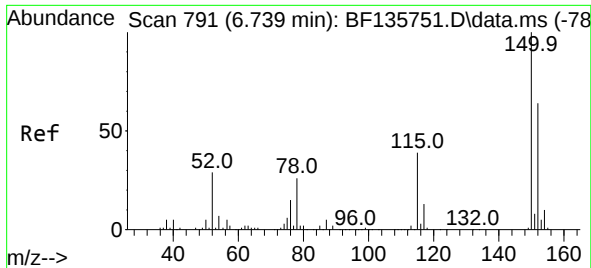
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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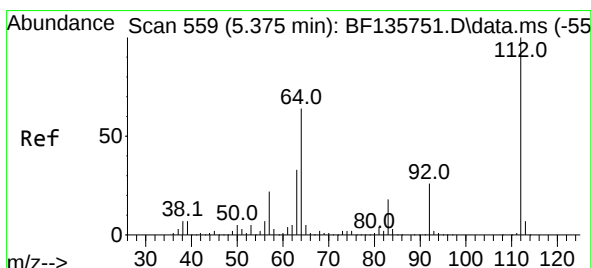
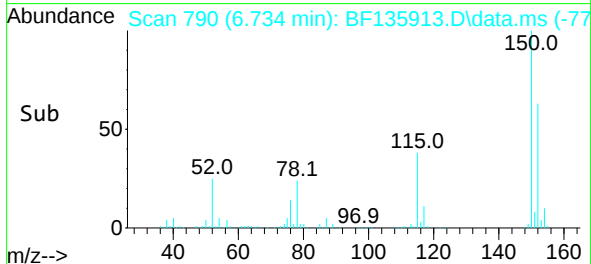
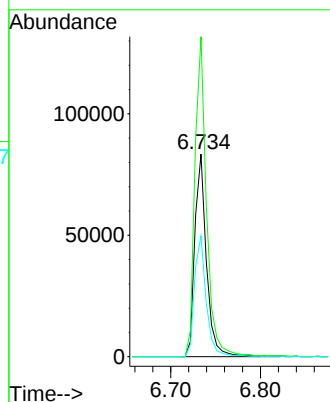
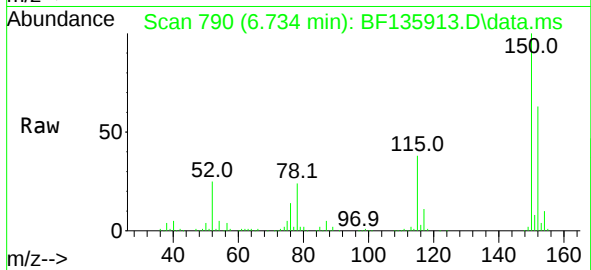




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135913.D
 Acq: 20 Oct 2023 17:56

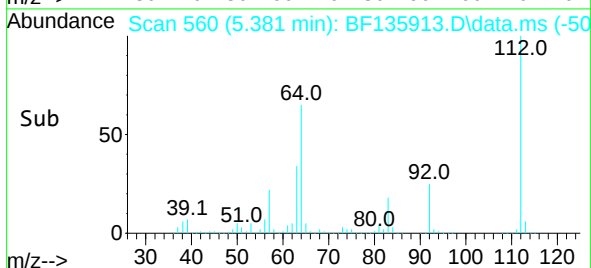
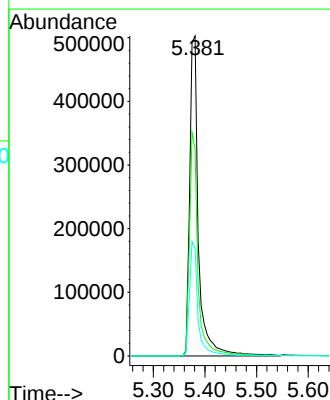
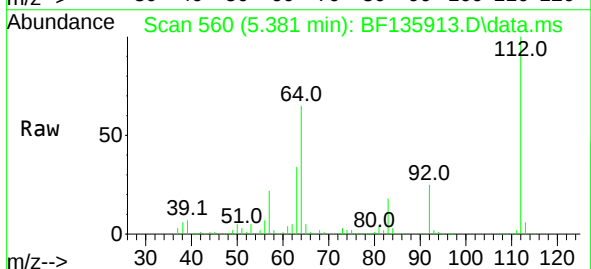
Instrument :
 BNA_F
 ClientSampleId :
 PB156255BL

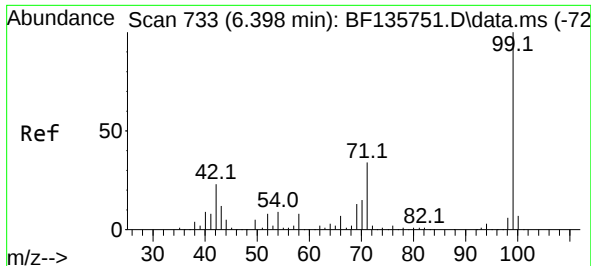
Tgt Ion:152 Resp: 75391
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.5 186.7
 115 59.6 49.0 73.4



#5
 2-Fluorophenol
 Concen: 127.245 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: BF135913.D
 Acq: 20 Oct 2023 17:56

Tgt Ion:112 Resp: 596681
 Ion Ratio Lower Upper
 112 100
 64 64.7 51.2 76.8
 63 33.5 26.1 39.1

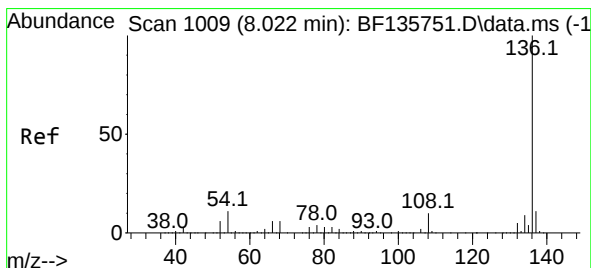
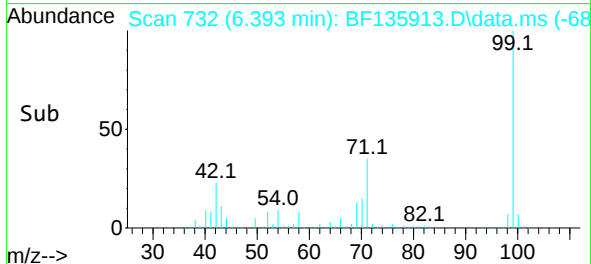
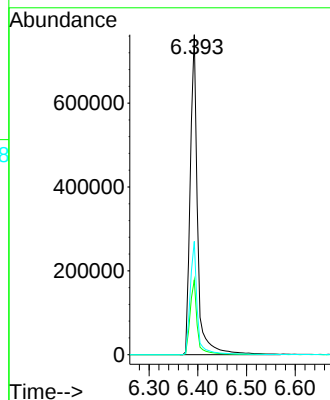
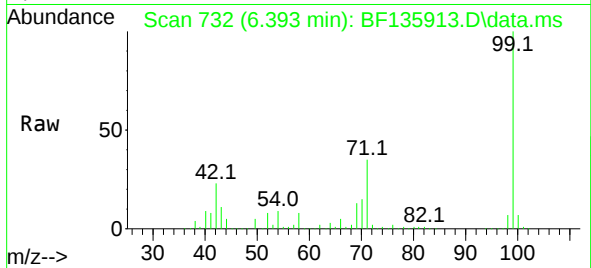




#7
Phenol-d6
Concen: 136.665 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

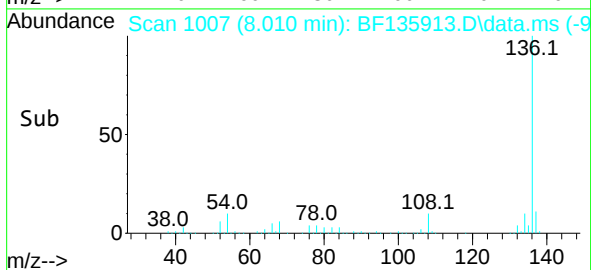
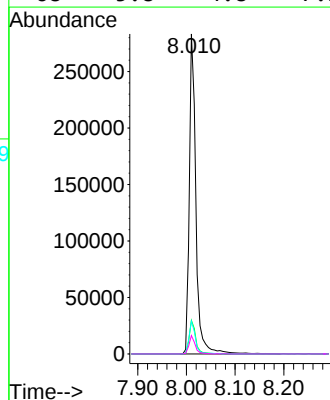
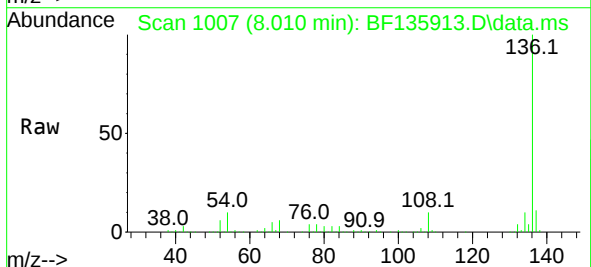
Instrument :
BNA_F
ClientSampleId :
PB156255BL

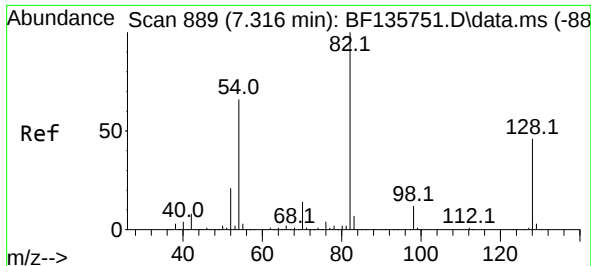
Tgt Ion: 99 Resp: 799606
Ion Ratio Lower Upper
99 100
42 23.4 18.4 27.6
71 35.4 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

Tgt Ion: 136 Resp: 265936
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 10.3 8.5 12.7
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 96.291 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135913.D

Acq: 20 Oct 2023 17:56

Instrument :

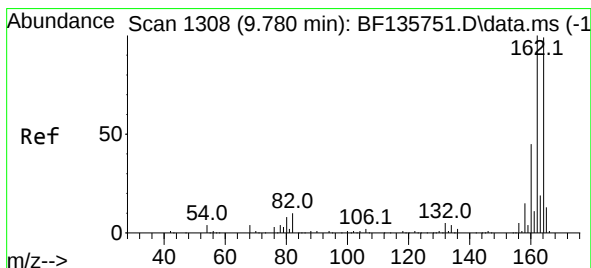
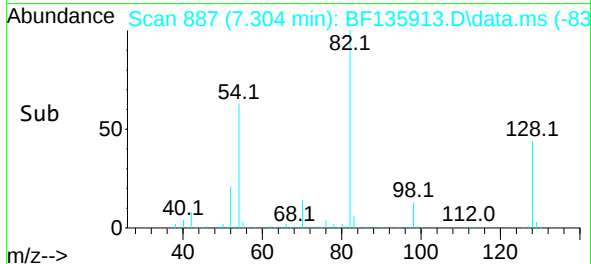
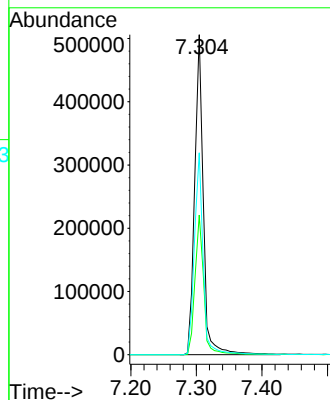
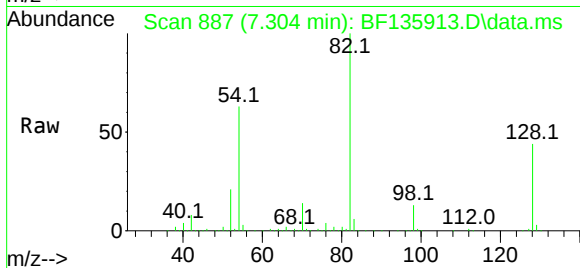
BNA_F

ClientSampleId :

PB156255BL

Tgt Ion: 82 Resp: 465592

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.0	55.6
54	63.1	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

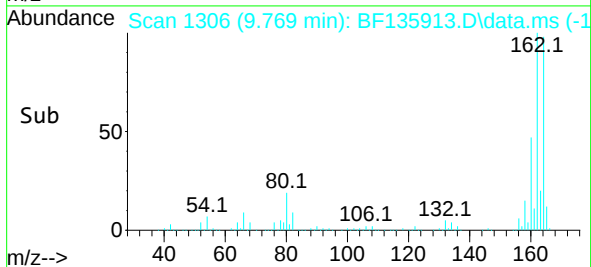
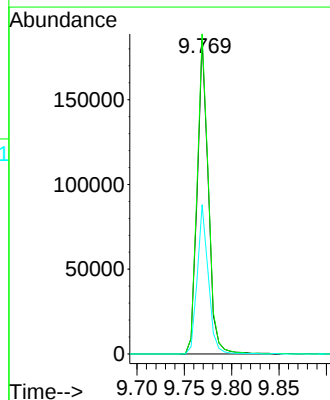
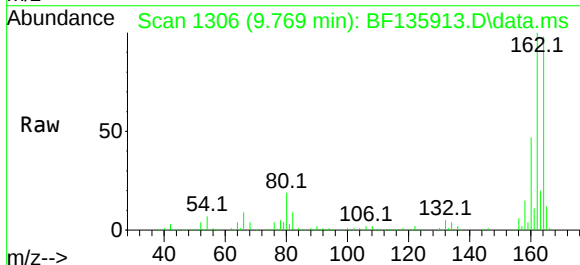
Delta R.T. -0.018 min

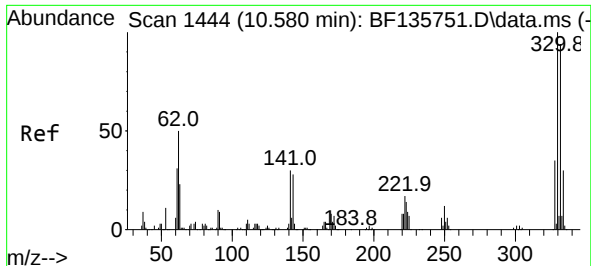
Lab File: BF135913.D

Acq: 20 Oct 2023 17:56

Tgt Ion:164 Resp: 151646

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.8	121.2
160	47.5	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 148.418 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.018 min

Lab File: BF135913.D

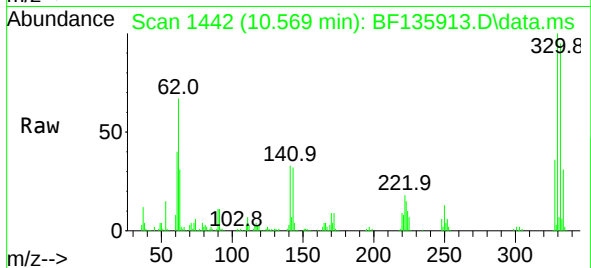
Acq: 20 Oct 2023 17:56

Instrument :

BNA_F

ClientSampleId :

PB156255BL



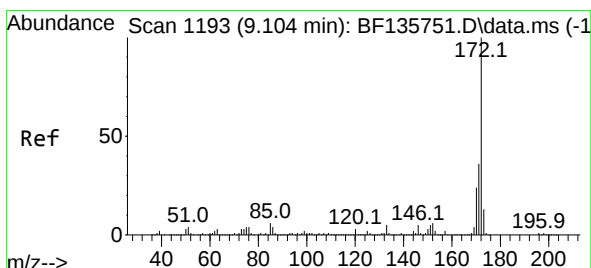
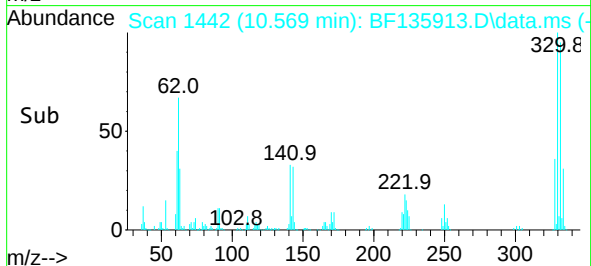
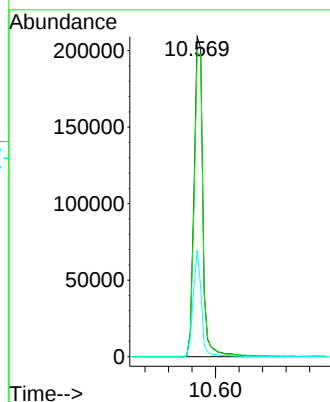
Tgt Ion:330 Resp: 215972

Ion Ratio Lower Upper

330 100

332 96.5 75.0 112.4

141 31.4 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 89.535 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135913.D

Acq: 20 Oct 2023 17:56

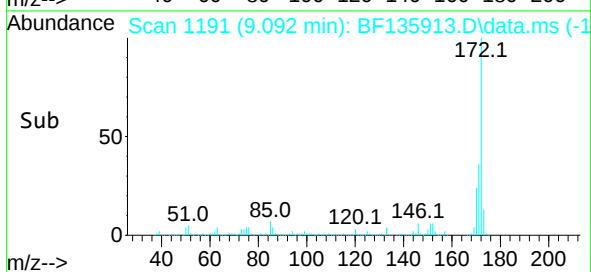
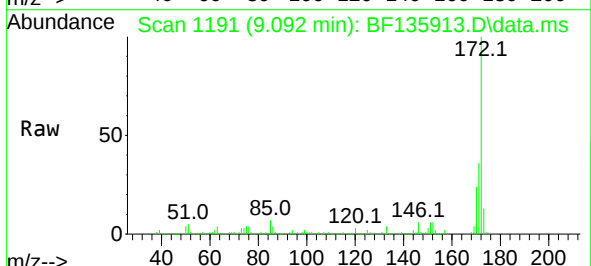
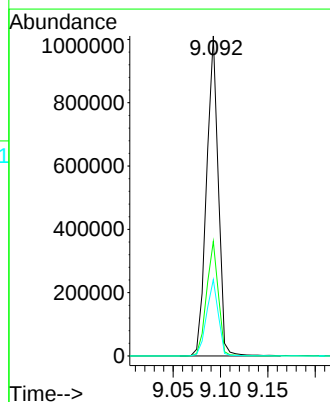
Tgt Ion:172 Resp: 868411

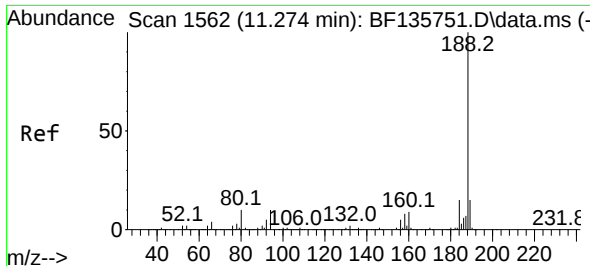
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.9 18.8 28.2

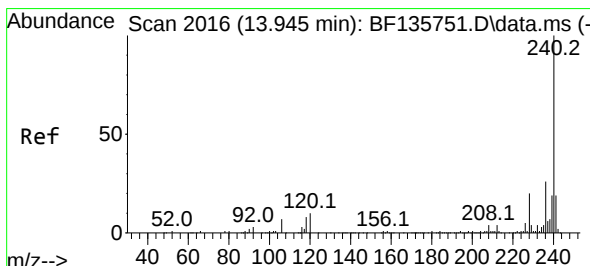
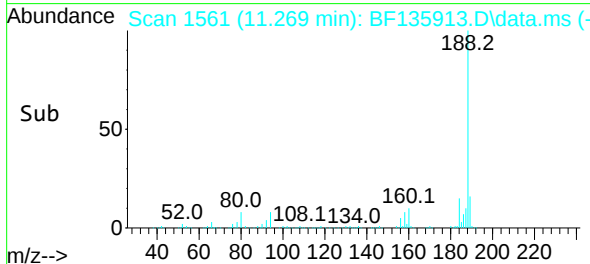
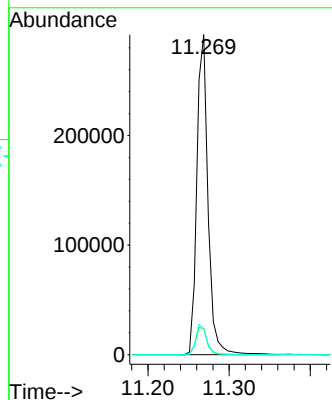
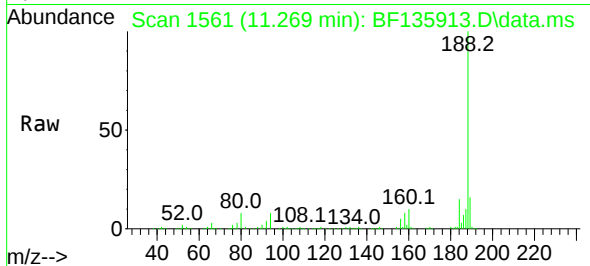




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

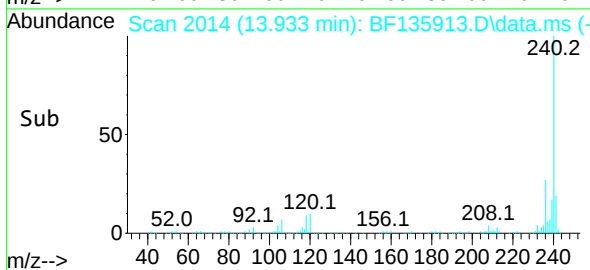
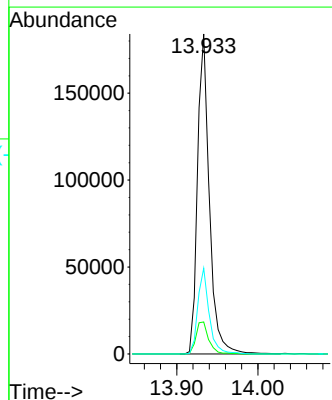
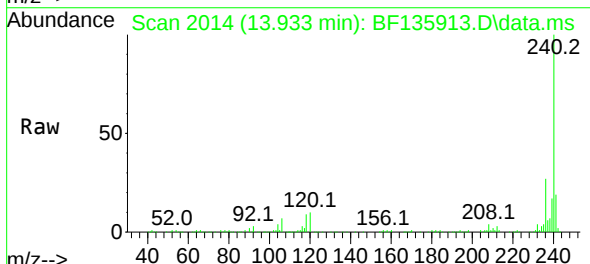
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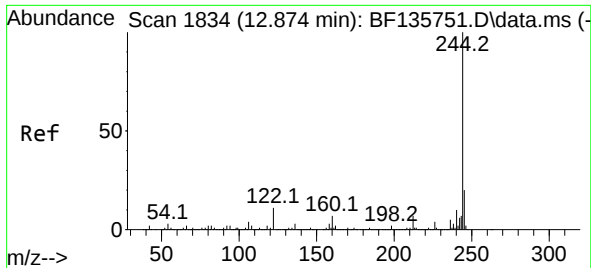
Tgt Ion:188 Resp: 280356
Ion Ratio Lower Upper
188 100
94 8.1 8.0 12.0
80 8.3 8.3 12.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

Tgt Ion:240 Resp: 187326
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 26.8 21.2 31.8

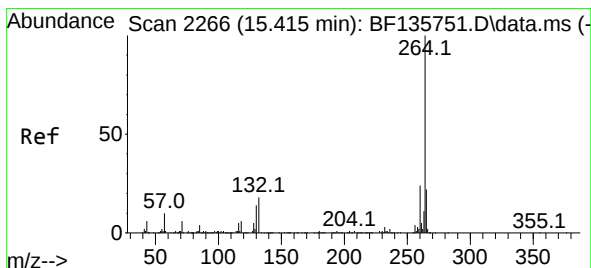
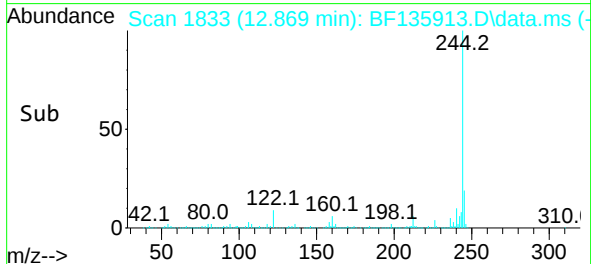
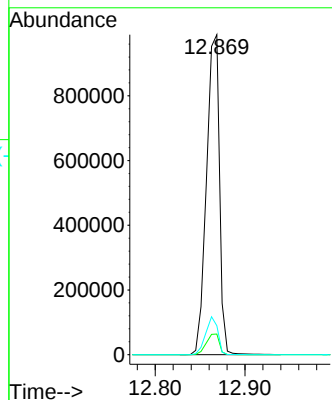
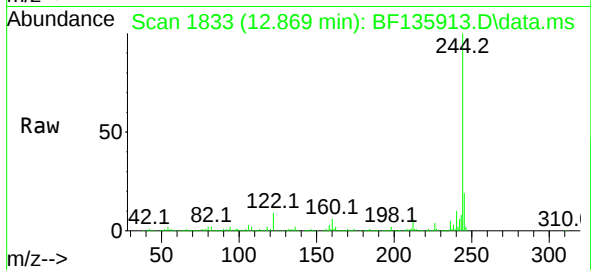




#79
 Terphenyl-d14
 Concen: 98.382 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135913.D
 Acq: 20 Oct 2023 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PB156255BL

Tgt Ion:244 Resp: 995162
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135913.D
 Acq: 20 Oct 2023 17:56

Tgt Ion:264 Resp: 155693
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.9 17.4 26.2

