

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135887.D
 Acq On : 19 Oct 2023 15:35
 Operator : CG\JU
 Sample : 04788-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1

Quant Time: Oct 20 01:46:06 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	62014	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	231453	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	140966	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	271061	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	135352	20.000	ng	-0.01
86) Perylene-d12	15.415	264	148268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	245180	63.564	ng	0.00
7) Phenol-d6	6.393	99	200677	41.697	ng	0.00
23) Nitrobenzene-d5	7.304	82	413773	98.323	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	206264	152.485	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	822309	91.206	ng	0.00
79) Terphenyl-d14	12.869	244	717404	98.157	ng	-0.01

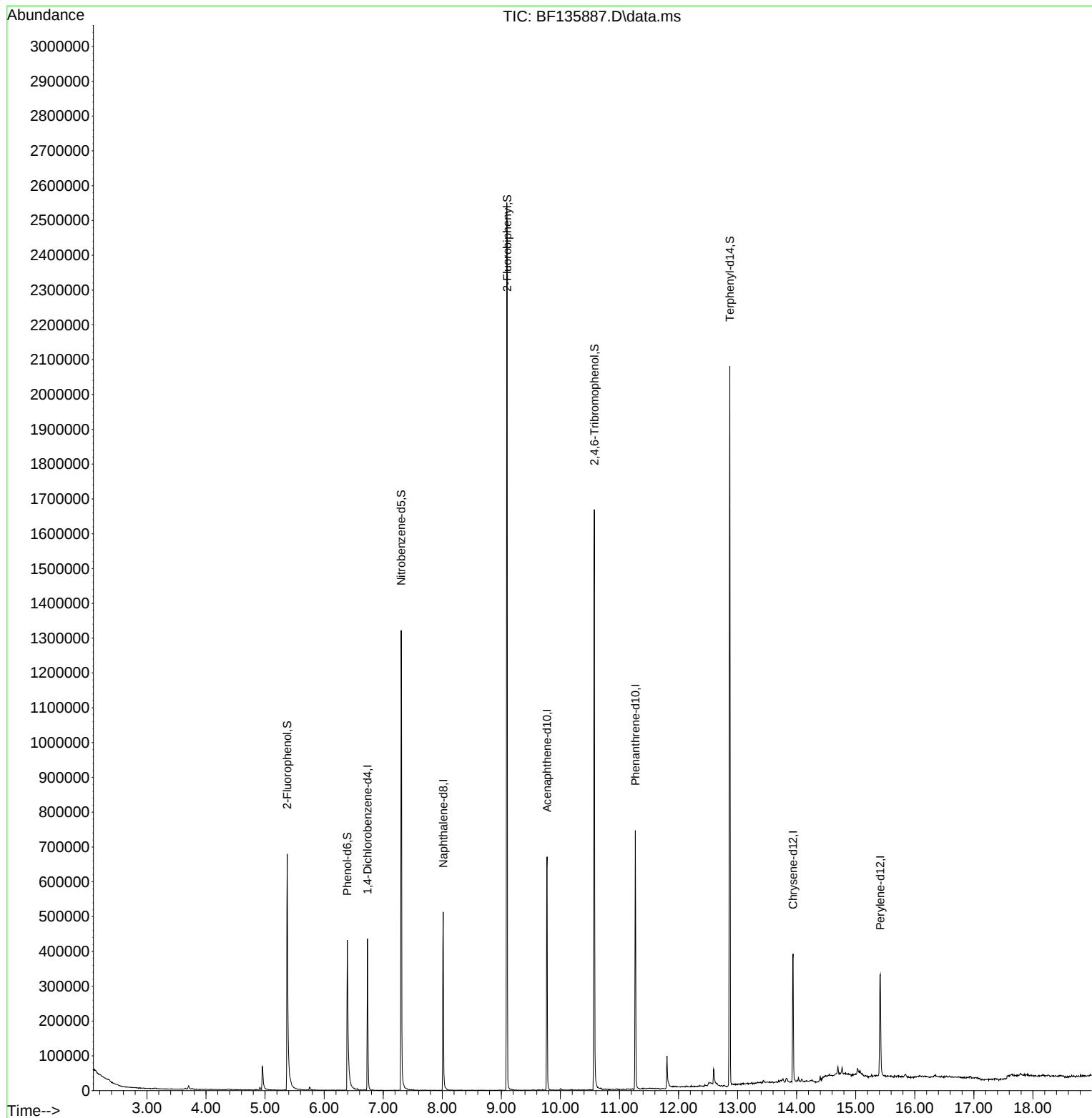
Target Compounds	Qvalue

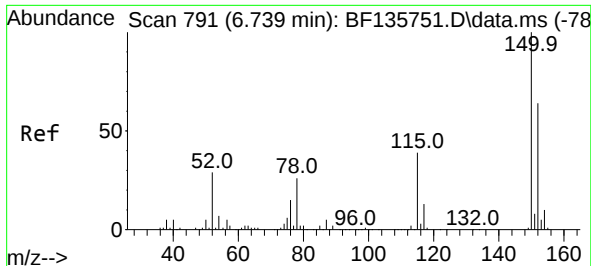
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF135887.D

Acq: 19 Oct 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PMW-1

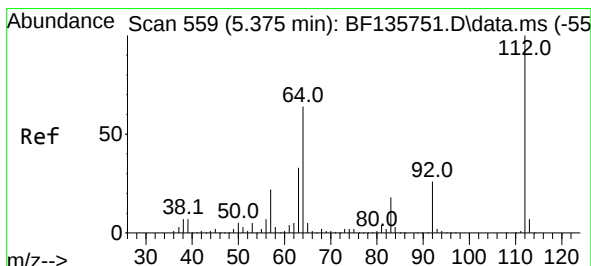
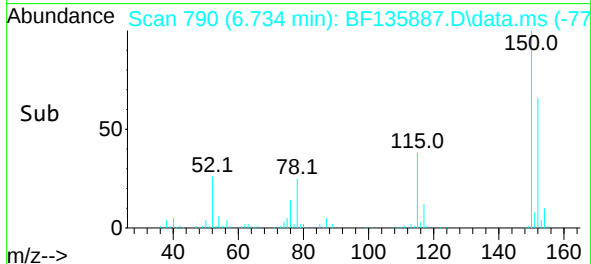
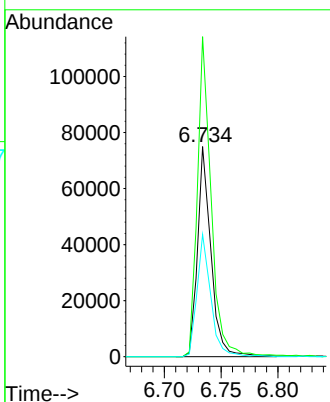
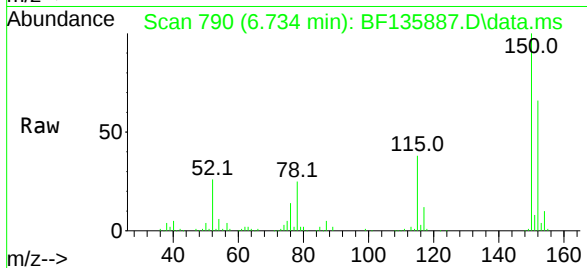
Tgt Ion:152 Resp: 62014

Ion Ratio Lower Upper

152 100

150 152.3 124.5 186.7

115 58.2 49.0 73.4



#5

2-Fluorophenol

Concen: 63.564 ng

RT: 5.375 min Scan# 559

Delta R.T. -0.000 min

Lab File: BF135887.D

Acq: 19 Oct 2023 15:35

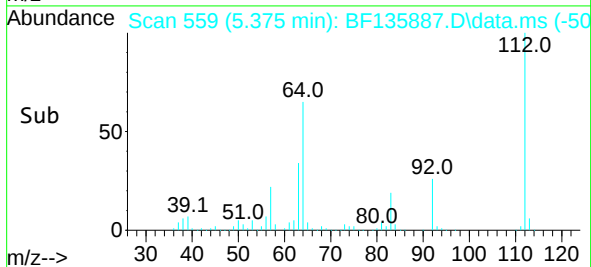
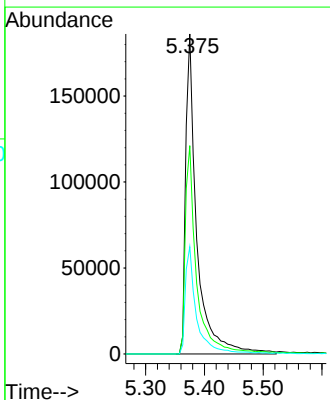
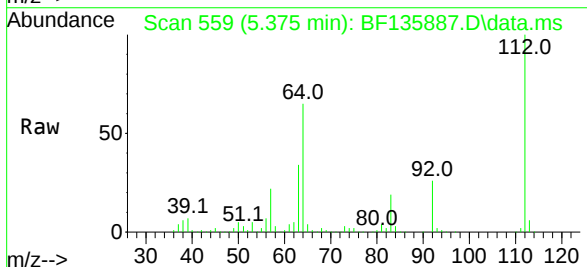
Tgt Ion:112 Resp: 245180

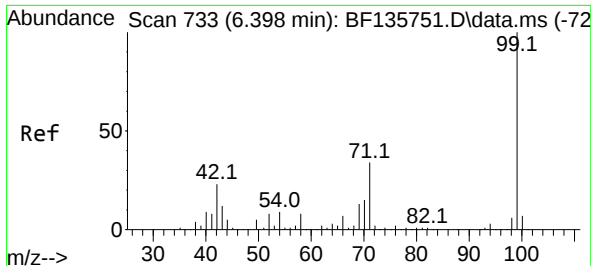
Ion Ratio Lower Upper

112 100

64 65.1 51.2 76.8

63 33.5 26.1 39.1

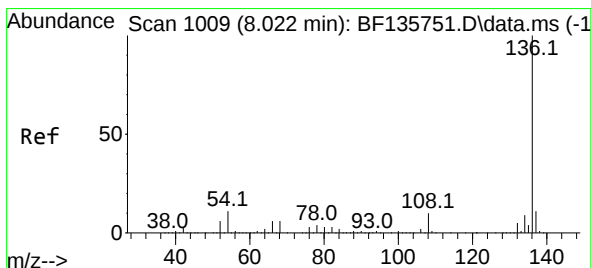
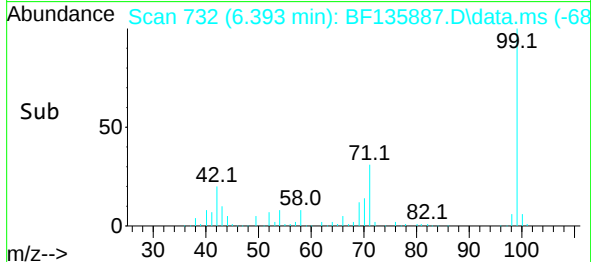
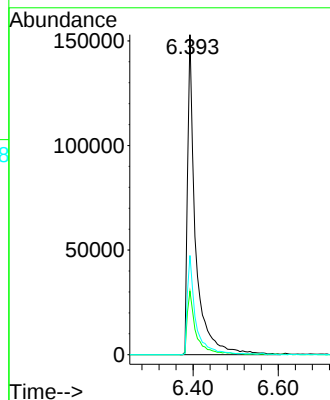
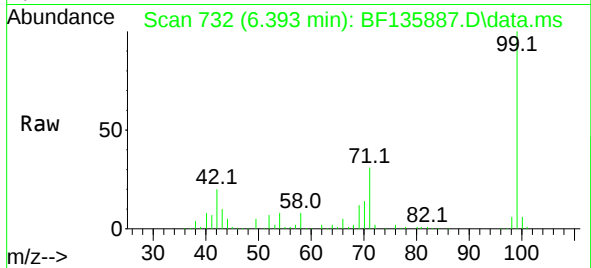




#7
Phenol-d6
Concen: 41.697 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

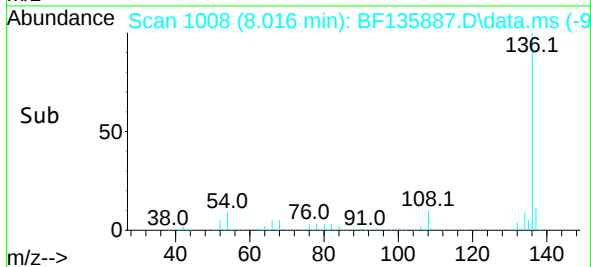
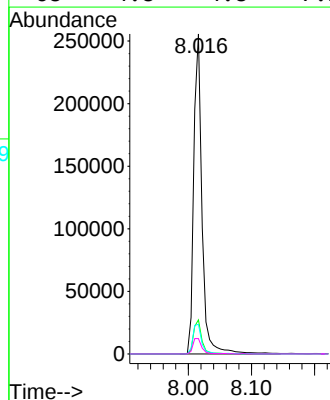
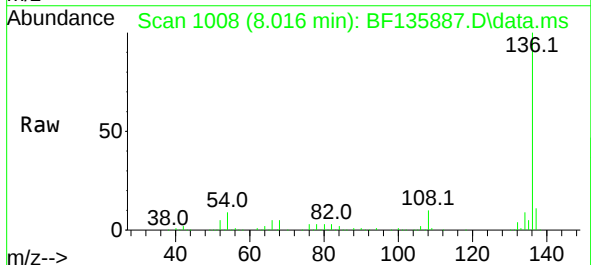
Instrument :
BNA_F
ClientSampleId :
PMW-1

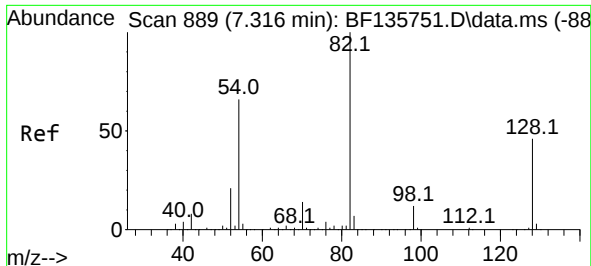
Tgt Ion: 99 Resp: 200677
Ion Ratio Lower Upper
99 100
42 19.9 18.4 27.6
71 31.0 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

Tgt Ion: 136 Resp: 231453
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.3 8.5 12.7
68 4.8 4.8 7.2#

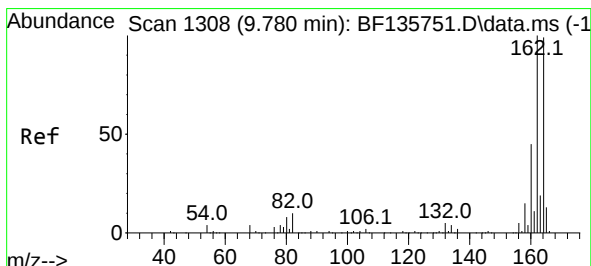
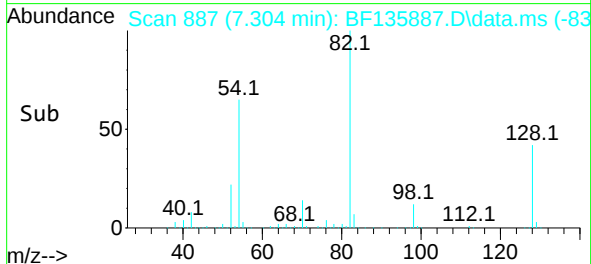
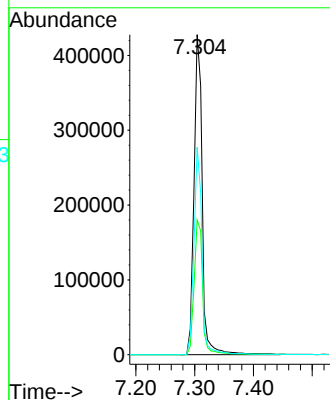
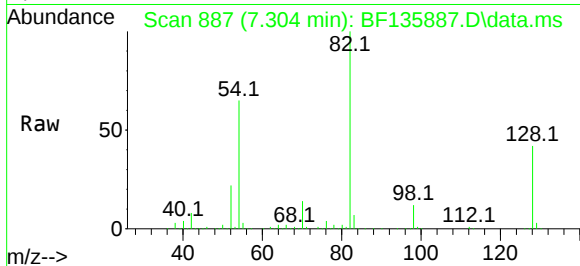




#23
 Nitrobenzene-d5
 Concen: 98.323 ng
 RT: 7.304 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF135887.D
 Acq: 19 Oct 2023 15:35

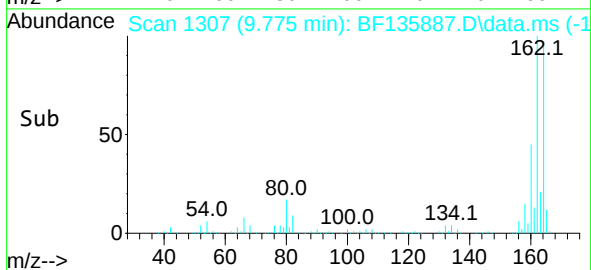
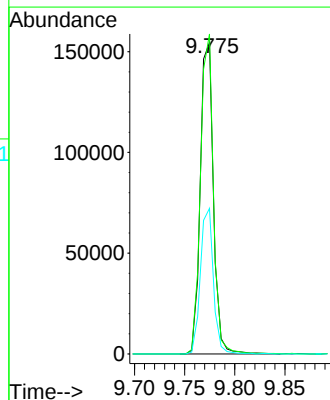
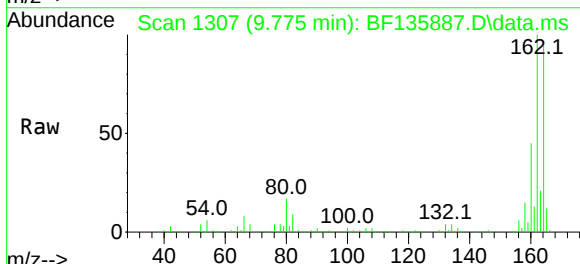
Instrument :
 BNA_F
 ClientSampleId :
 PMW-1

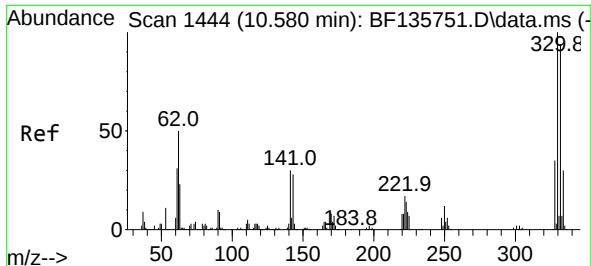
Tgt Ion: 82 Resp: 413773
 Ion Ratio Lower Upper
 82 100
 128 42.1 37.0 55.6
 54 64.8 52.8 79.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.775 min Scan# 1307
 Delta R.T. -0.012 min
 Lab File: BF135887.D
 Acq: 19 Oct 2023 15:35

Tgt Ion:164 Resp: 140966
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.8 121.2
 160 46.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 152.485 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135887.D

Acq: 19 Oct 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PMW-1

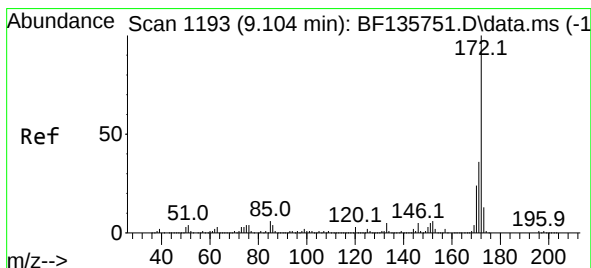
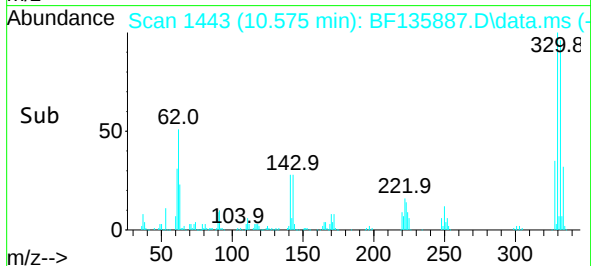
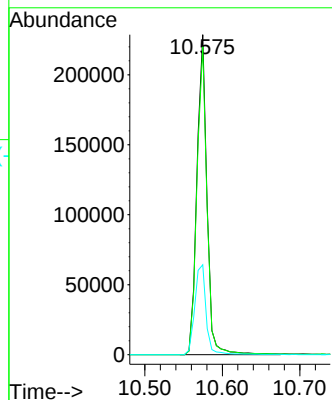
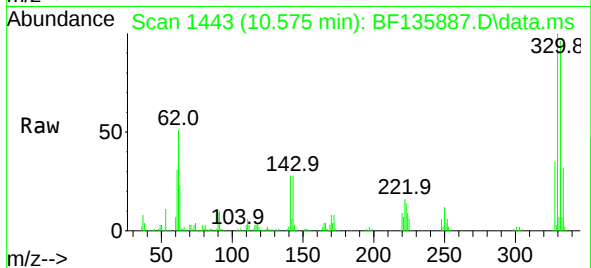
Tgt Ion:330 Resp: 206264

Ion Ratio Lower Upper

330 100

332 96.8 75.0 112.4

141 31.8 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 91.206 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135887.D

Acq: 19 Oct 2023 15:35

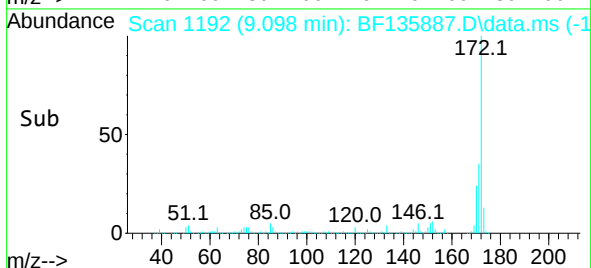
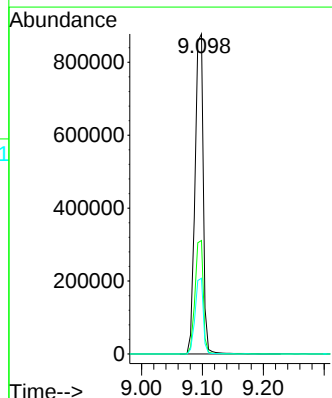
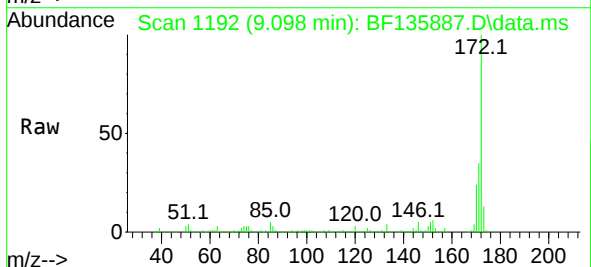
Tgt Ion:172 Resp: 822309

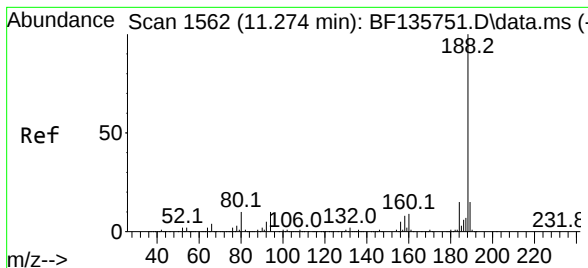
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135887.D

Acq: 19 Oct 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PMW-1

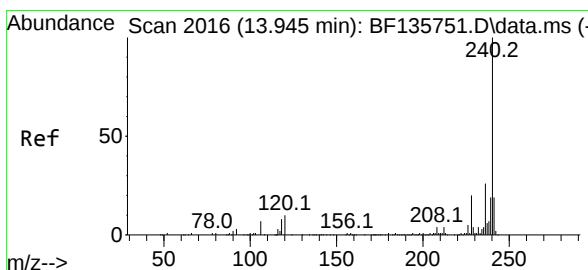
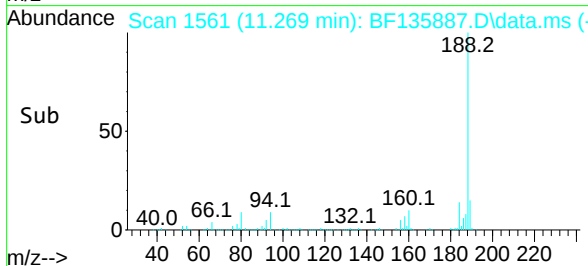
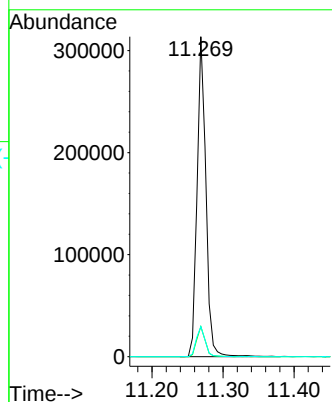
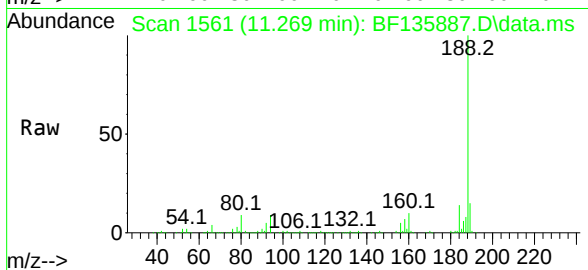
Tgt Ion:188 Resp: 271061

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

80 9.4 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: BF135887.D

Acq: 19 Oct 2023 15:35

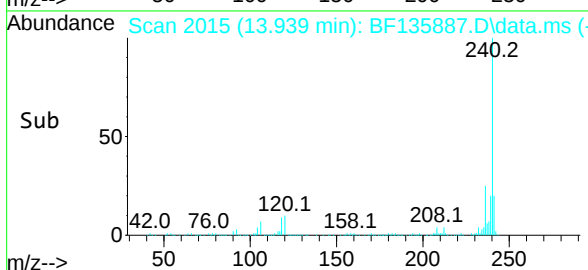
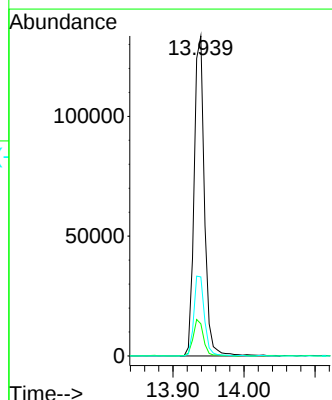
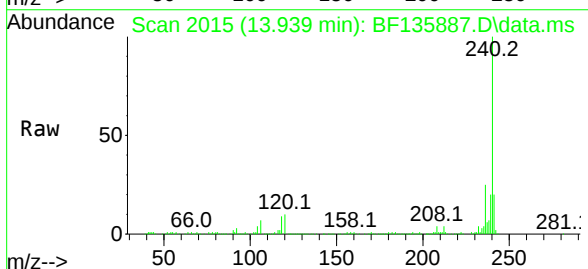
Tgt Ion:240 Resp: 135352

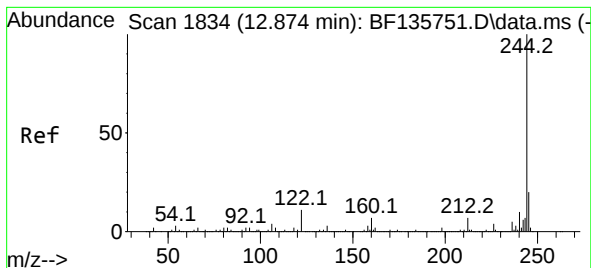
Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 24.7 21.2 31.8





#79

Terphenyl-d14

Concen: 98.157 ng

RT: 12.869 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF135887.D

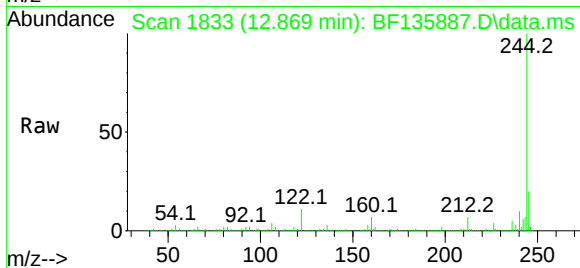
Acq: 19 Oct 2023 15:35

Instrument :

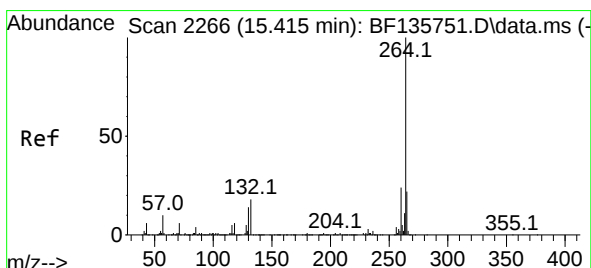
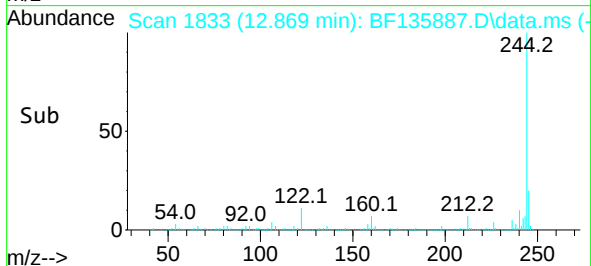
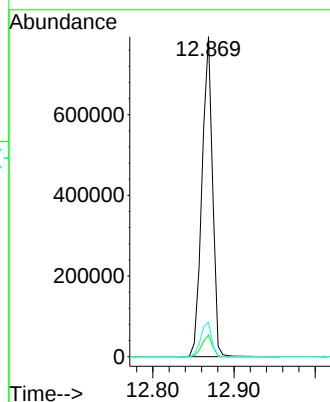
BNA_F

ClientSampleId :

PMW-1



Tgt Ion:244	Resp:	717404
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.6 8.4
122	10.8	9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135887.D

Acq: 19 Oct 2023 15:35

Tgt Ion:264	Resp:	148268
Ion Ratio	Lower	Upper
264	100	
260	22.6	19.2 28.8
265	21.5	17.4 26.2

