

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135845.D
 Acq On : 18 Oct 2023 14:02
 Operator : CG\JU
 Sample : 04724-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 18 14:24:12 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	6.739	152	84329	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	290014	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	150035	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	284272	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	148915	20.000	ng	-0.01
86) Perylene-d12	15.421	264	149436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	379152	72.286	ng	0.00
7) Phenol-d6	6.392	99	280232	42.819	ng	0.00
23) Nitrobenzene-d5	7.310	82	608322	115.364	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	244325	169.705	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1069539	111.456	ng	0.00
79) Terphenyl-d14	12.874	244	1060501	131.884	ng	0.00

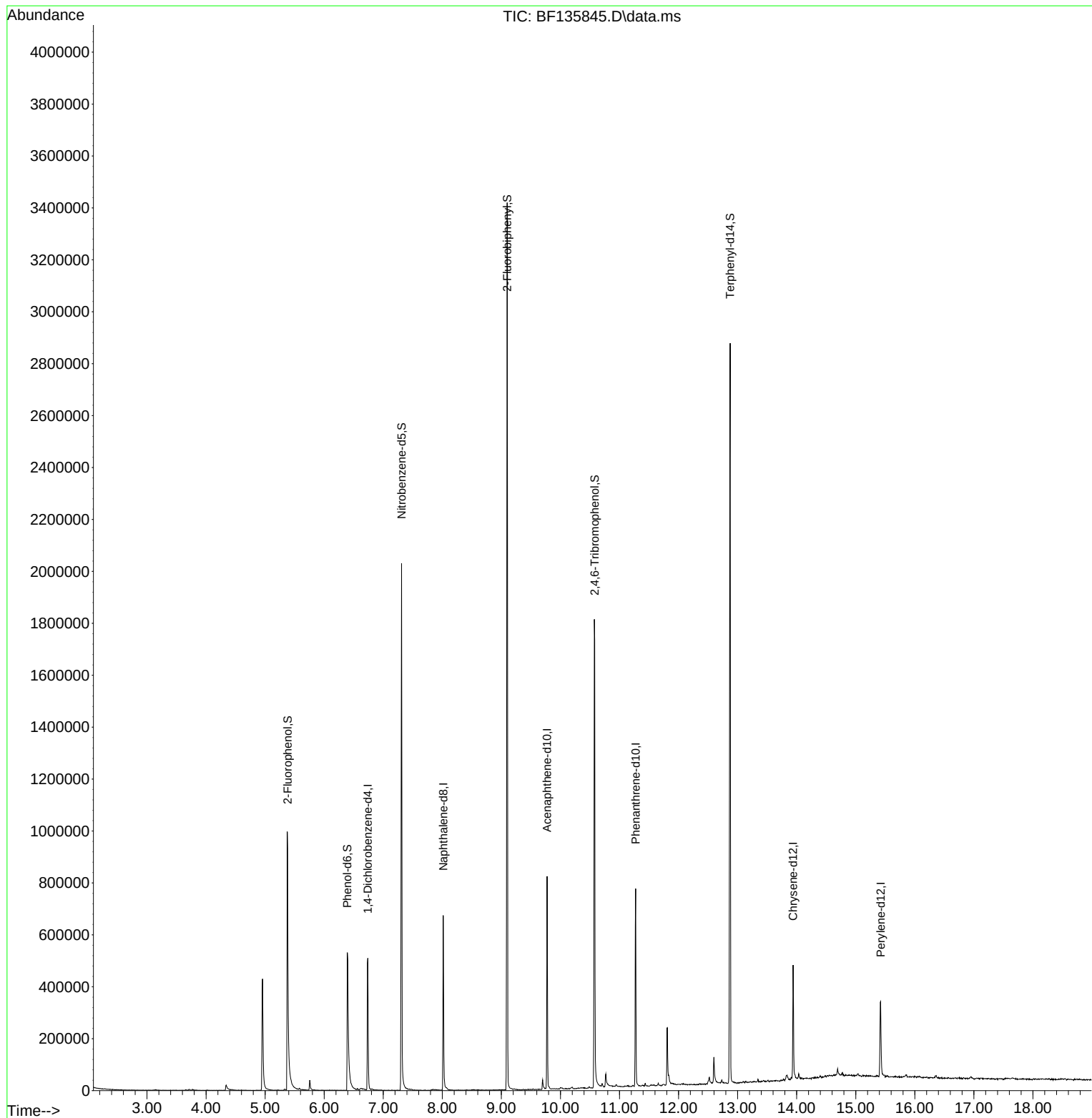
Target Compounds	Qvalue

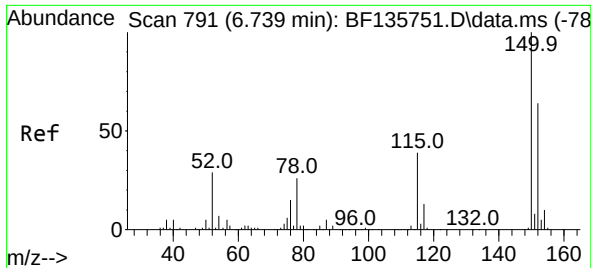
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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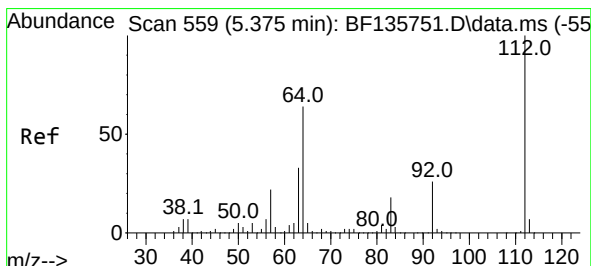
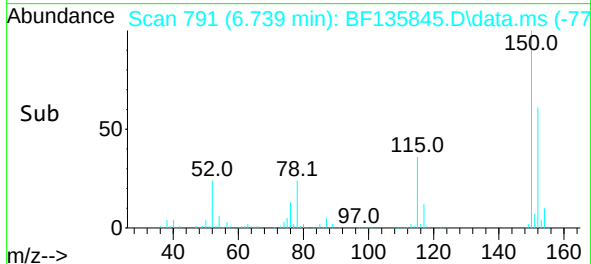
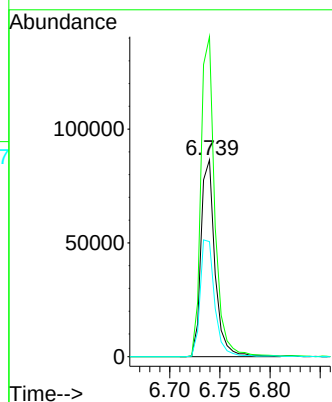
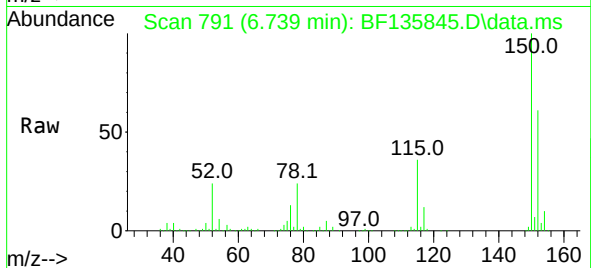




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135845.D
Acq: 18 Oct 2023 14:02

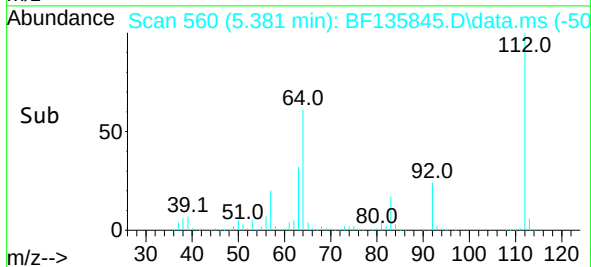
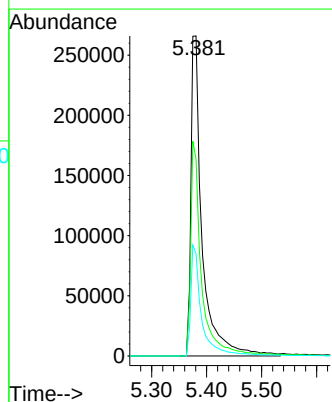
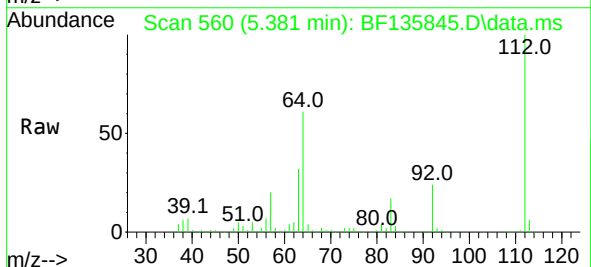
Instrument :
BNA_F
ClientSampleId :
MW-1

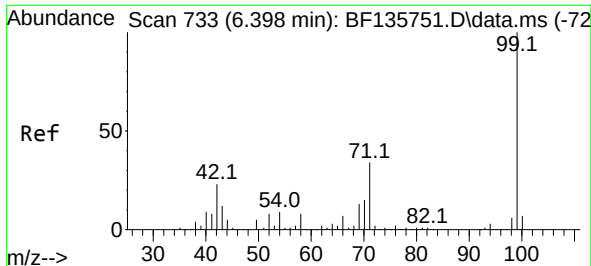
Tgt Ion:152 Resp: 84329
Ion Ratio Lower Upper
152 100
150 162.6 124.5 186.7
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 72.286 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135845.D
Acq: 18 Oct 2023 14:02

Tgt Ion:112 Resp: 379152
Ion Ratio Lower Upper
112 100
64 61.5 51.2 76.8
63 31.9 26.1 39.1

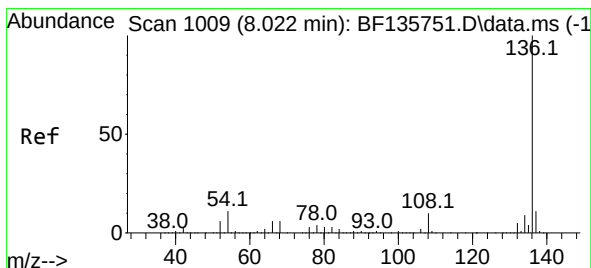
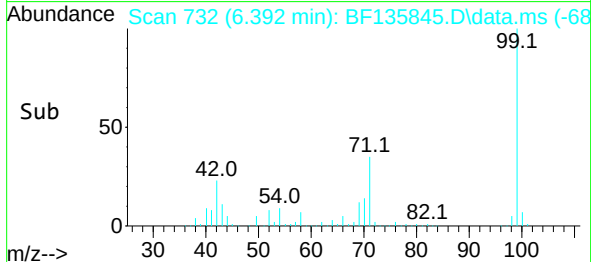
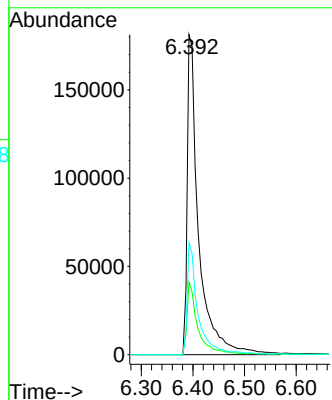
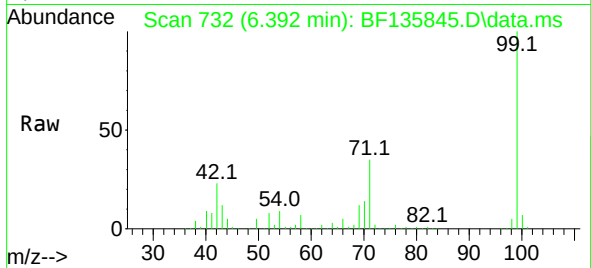




#7
Phenol-d6
Concen: 42.819 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135845.D
Acq: 18 Oct 2023 14:02

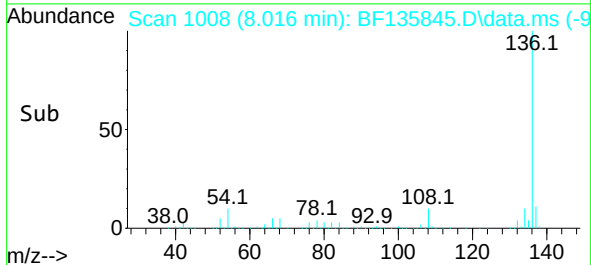
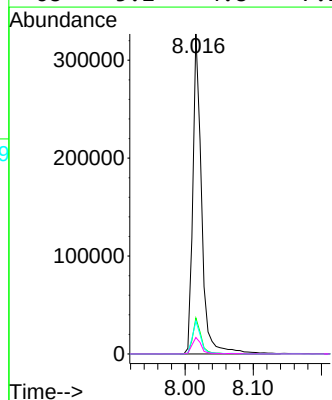
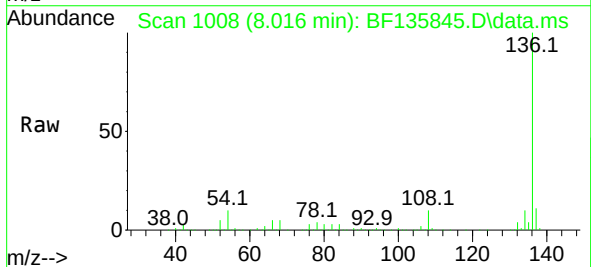
Instrument :
BNA_F
ClientSampleId :
MW-1

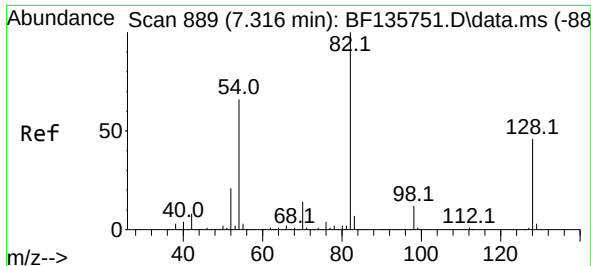
Tgt Ion: 99 Resp: 280232
Ion Ratio Lower Upper
99 100
42 22.7 18.4 27.6
71 35.0 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135845.D
Acq: 18 Oct 2023 14:02

Tgt Ion: 136 Resp: 290014
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.2 8.5 12.7
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 115.364 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135845.D

Acq: 18 Oct 2023 14:02

Instrument :

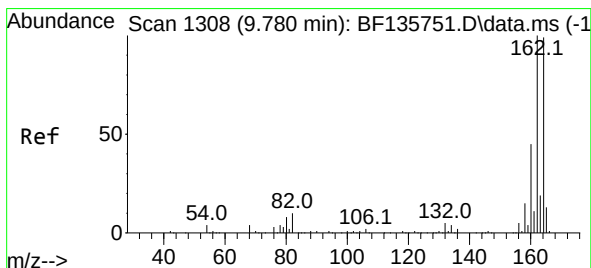
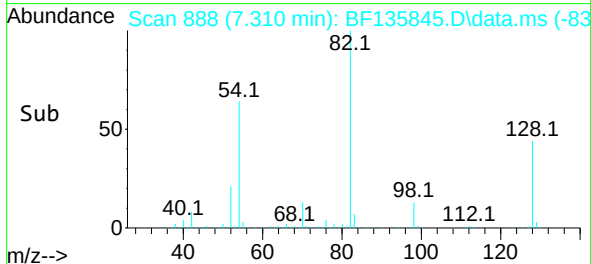
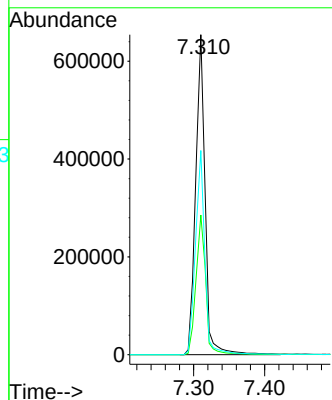
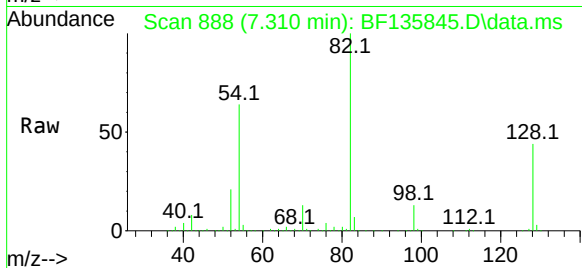
BNA_F

ClientSampleId :

MW-1

Tgt Ion: 82 Resp: 608322

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.0	55.6
54	63.8	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

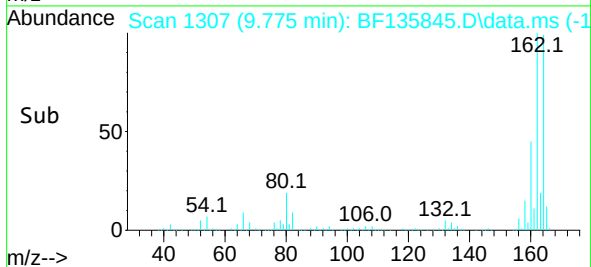
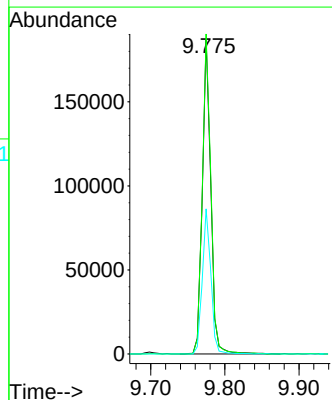
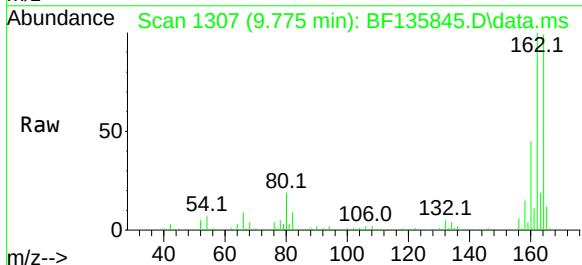
Delta R.T. -0.012 min

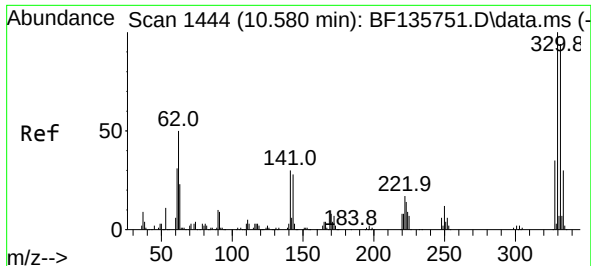
Lab File: BF135845.D

Acq: 18 Oct 2023 14:02

Tgt Ion:164 Resp: 150035

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.8	121.2
160	46.0	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 169.705 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135845.D

Acq: 18 Oct 2023 14:02

Instrument :

BNA_F

ClientSampleId :

MW-1

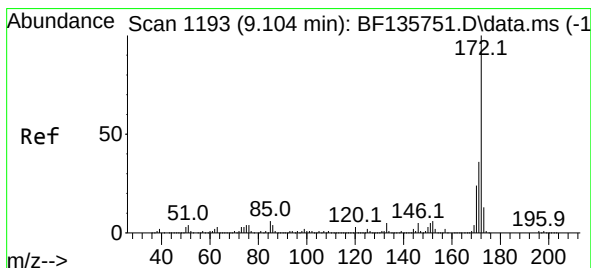
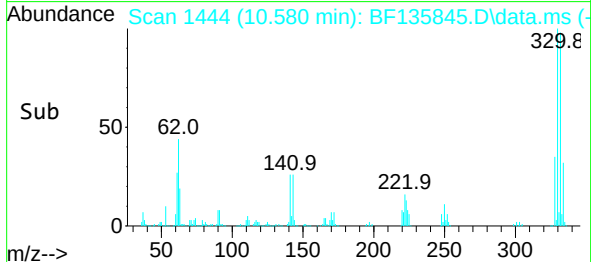
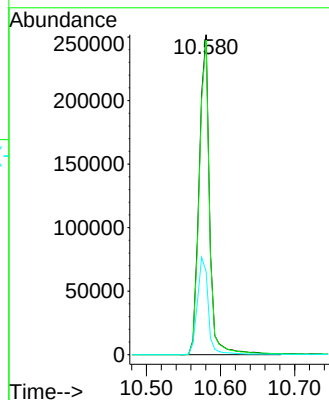
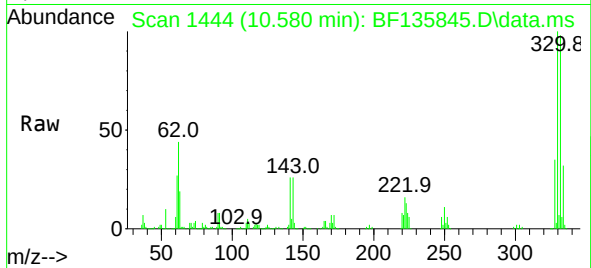
Tgt Ion:330 Resp: 244325

Ion Ratio Lower Upper

330 100

332 97.7 75.0 112.4

141 32.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 111.456 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135845.D

Acq: 18 Oct 2023 14:02

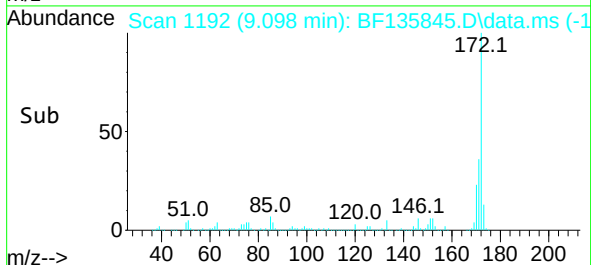
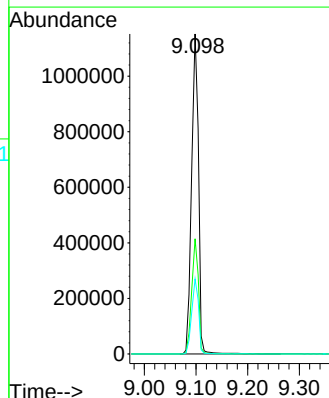
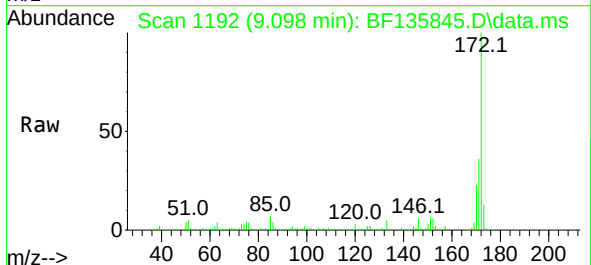
Tgt Ion:172 Resp: 1069539

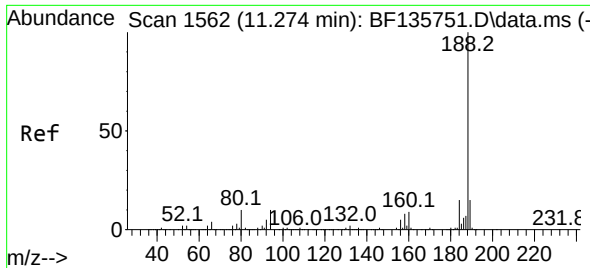
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.5 18.8 28.2

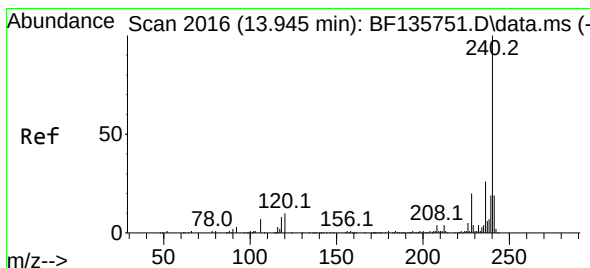
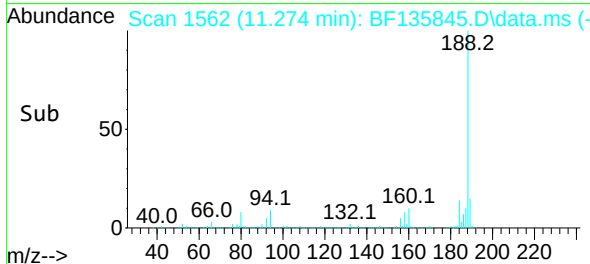
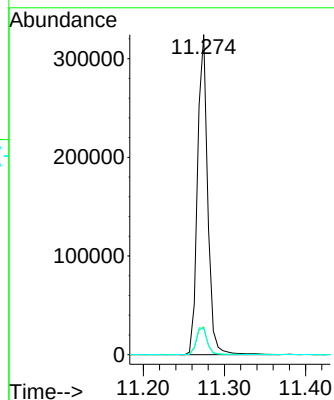
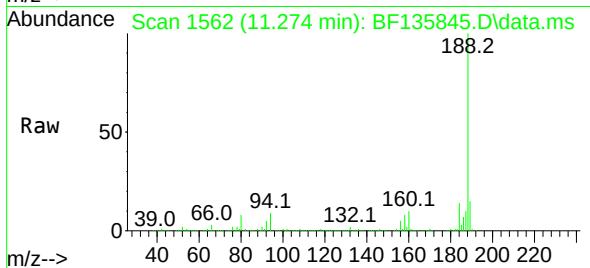




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135845.D
Acq: 18 Oct 2023 14:02

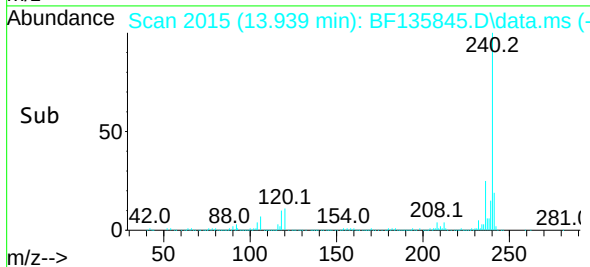
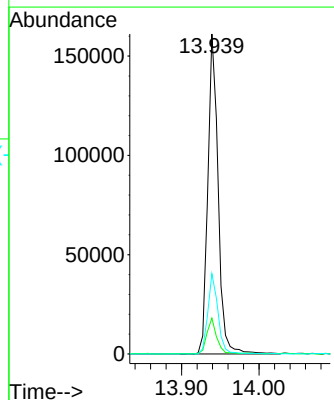
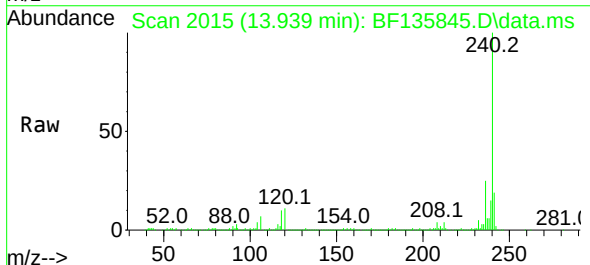
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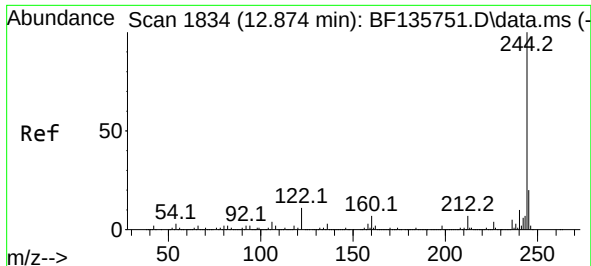
Tgt Ion:188 Resp: 284272
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 8.2 8.3 12.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135845.D
Acq: 18 Oct 2023 14:02

Tgt Ion:240 Resp: 148915
Ion Ratio Lower Upper
240 100
120 11.2 8.2 12.2
236 25.1 21.2 31.8

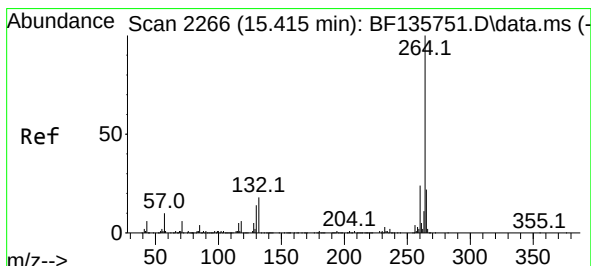
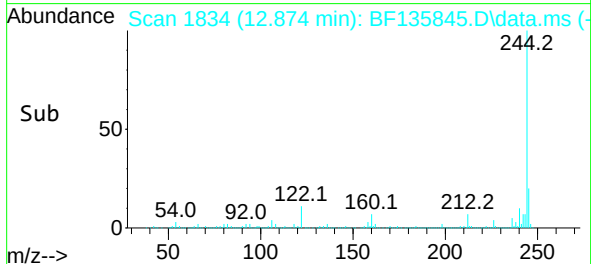
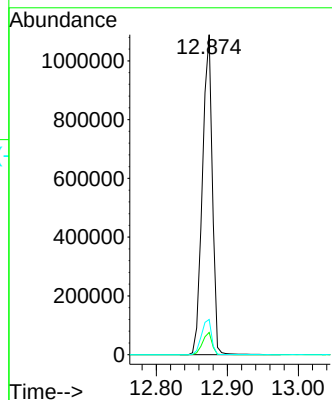
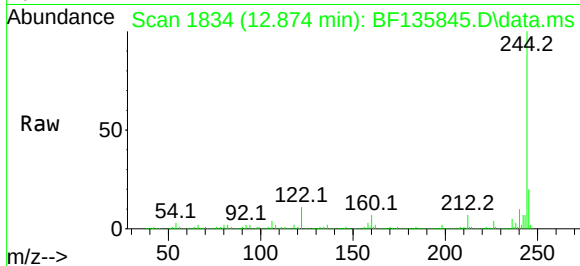




#79
 Terphenyl-d14
 Concen: 131.884 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135845.D
 Acq: 18 Oct 2023 14:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 1060501
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.0 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: BF135845.D
 Acq: 18 Oct 2023 14:02

Tgt Ion:264 Resp: 149436
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.2 17.4 26.2

