

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137256.D
 Acq On : 02 Feb 2024 15:47
 Operator : CG\JU
 Sample : P1337-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Feb 02 16:06:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	51407	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	199887	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	110241	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	184035	20.000	ng	0.00
76) Chrysene-d12	13.963	240	139962	20.000	ng	-0.01
86) Perylene-d12	15.439	264	103373	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	597230	191.701	ng	0.02
7) Phenol-d6	6.428	99	775792	174.491	ng	0.00
23) Nitrobenzene-d5	7.351	82	511407	114.547	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	212021	170.297	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	887955	110.725	ng	0.00
79) Terphenyl-d14	12.916	244	889182	86.366	ng	0.00

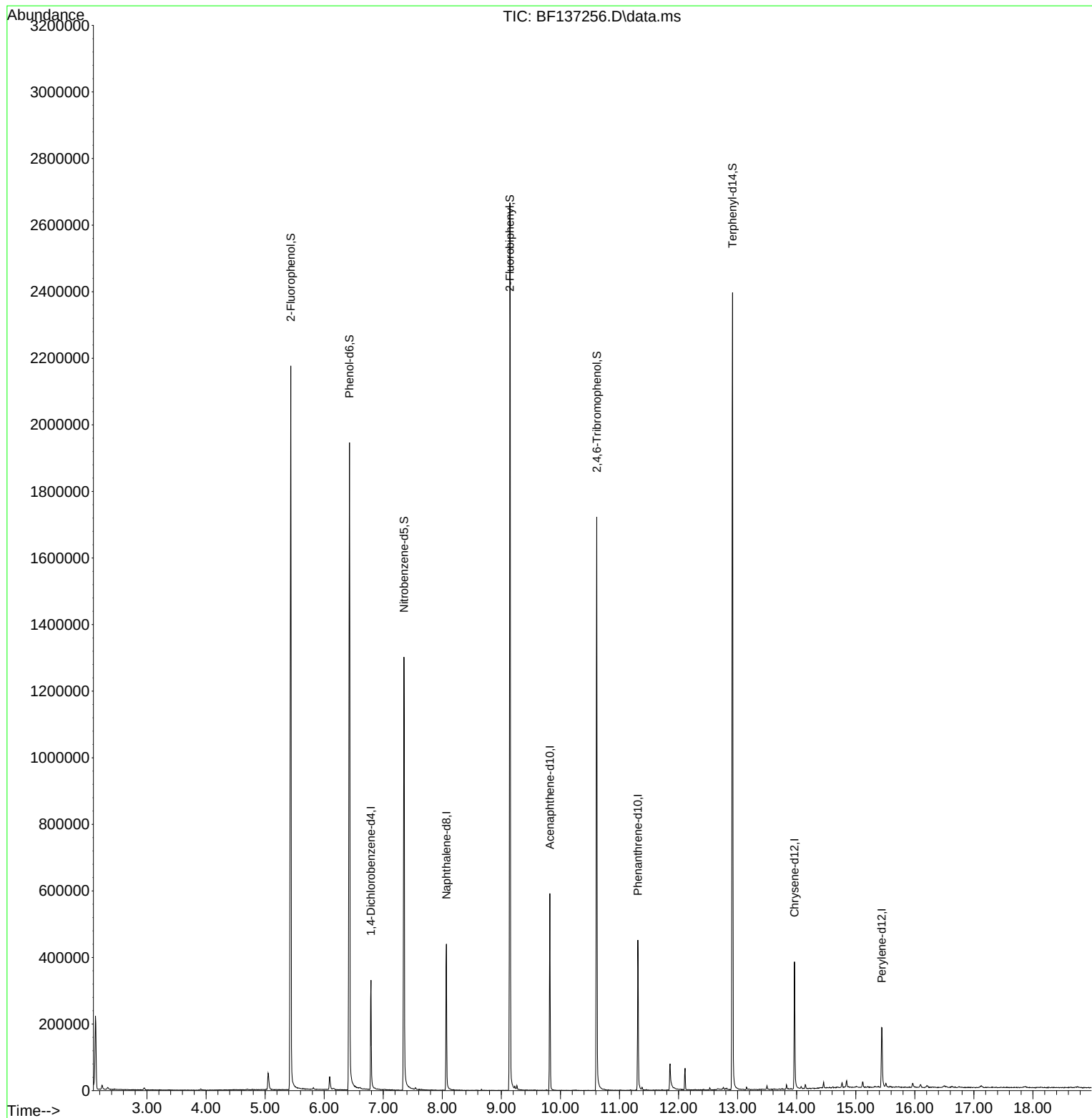
Target Compounds	Qvalue

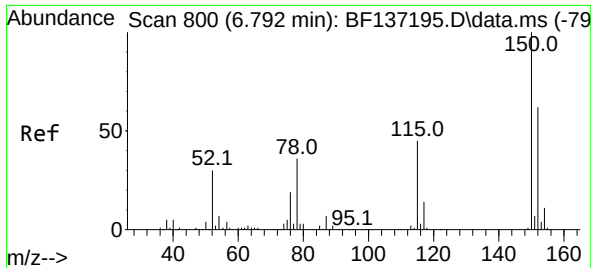
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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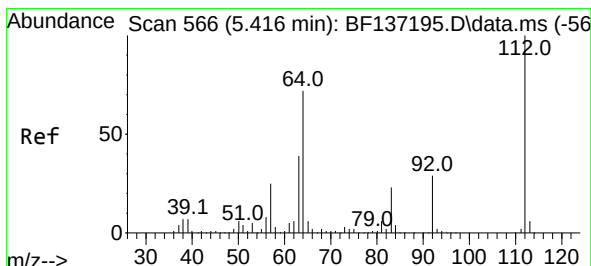
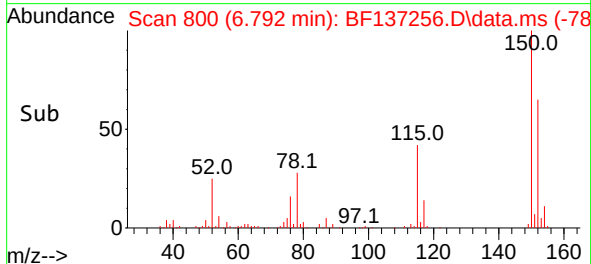
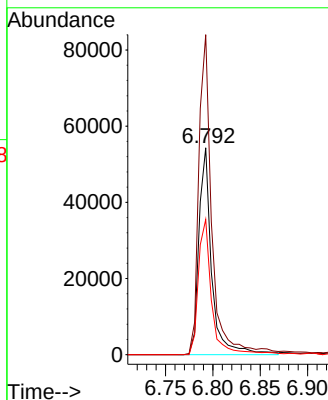
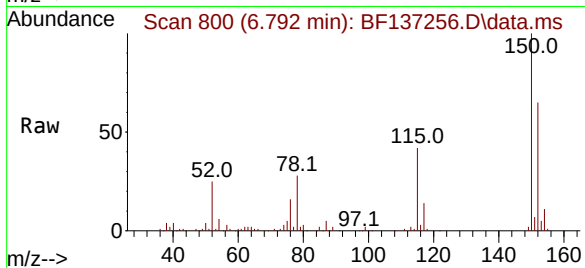




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF137256.D
 Acq: 02 Feb 2024 15:47

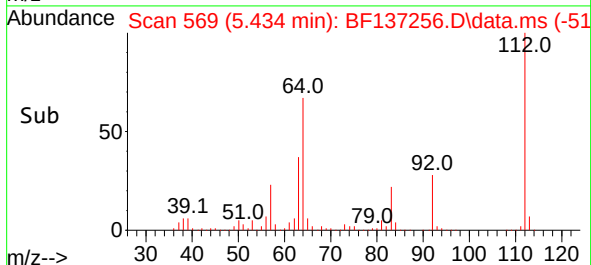
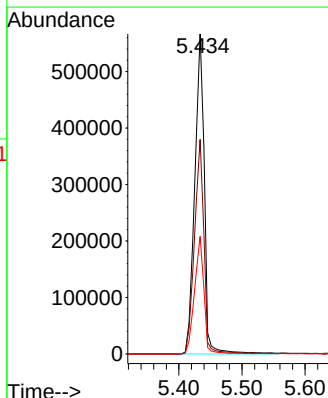
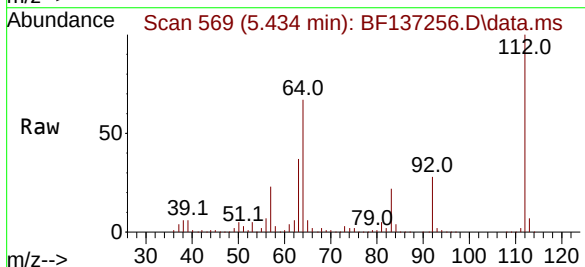
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

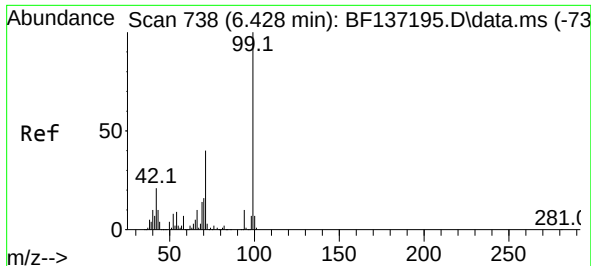
Tgt Ion:152 Resp: 51407
 Ion Ratio Lower Upper
 152 100
 150 154.7 129.8 194.8
 115 65.3 58.5 87.7



#5
 2-Fluorophenol
 Concen: 191.701 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.018 min
 Lab File: BF137256.D
 Acq: 02 Feb 2024 15:47

Tgt Ion:112 Resp: 597230
 Ion Ratio Lower Upper
 112 100
 64 67.0 57.8 86.6
 63 36.8 31.4 47.0

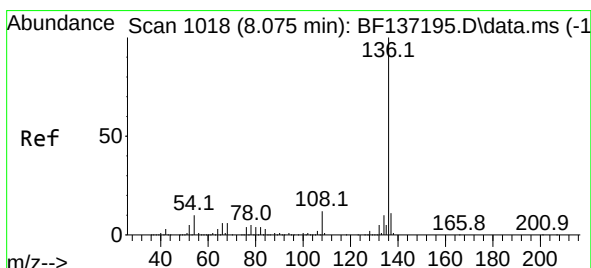
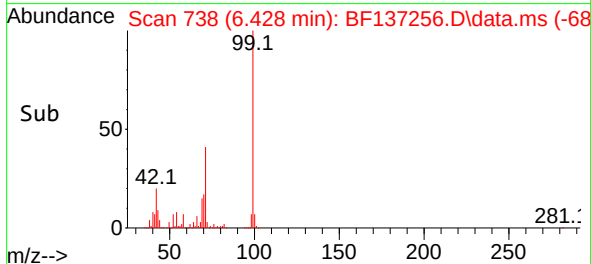
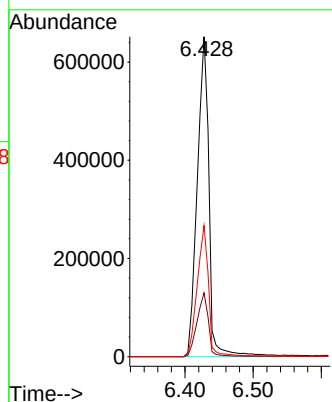
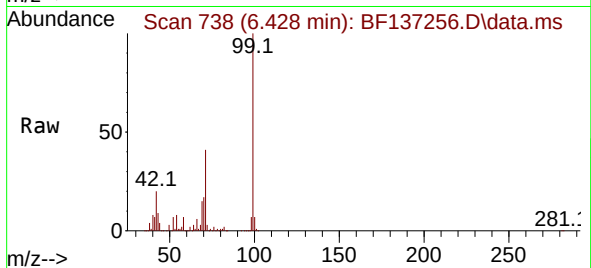




#7
Phenol-d6
Concen: 174.491 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137256.D
Acq: 02 Feb 2024 15:47

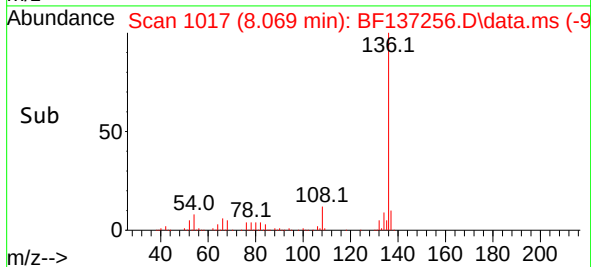
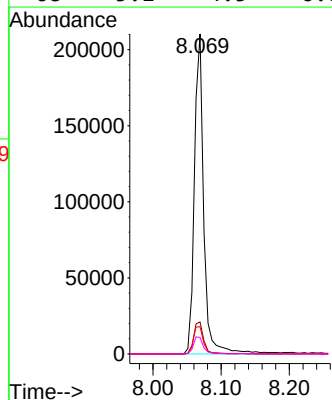
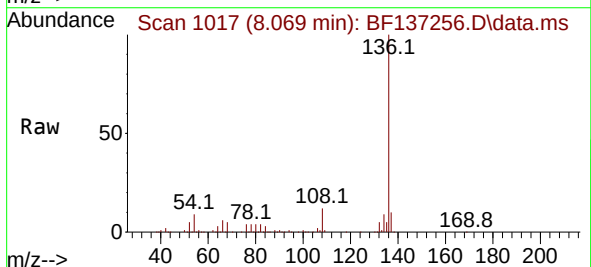
Instrument :
BNA_F
ClientSampleId :
TP-3

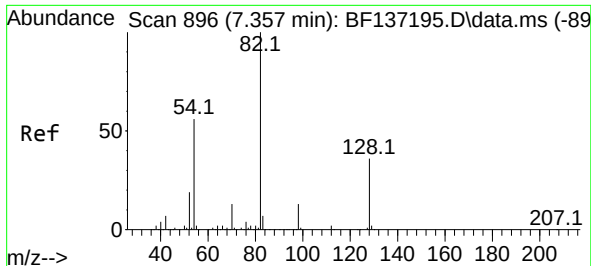
Tgt Ion:	99	Resp:	775792
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.4	24.6
71	41.0	32.4	48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137256.D
Acq: 02 Feb 2024 15:47

Tgt Ion:	136	Resp:	199887
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	8.5	7.8	11.8
68	5.1	4.5	6.7





#23

Nitrobenzene-d5

Concen: 114.547 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137256.D

Acq: 02 Feb 2024 15:47

Instrument :

BNA_F

ClientSampleId :

TP-3

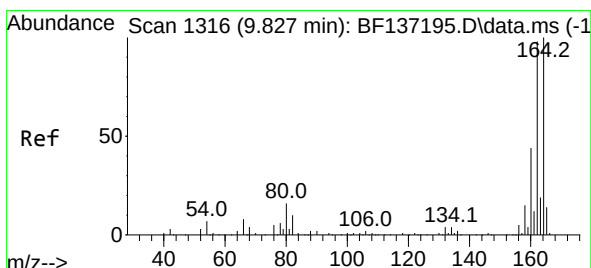
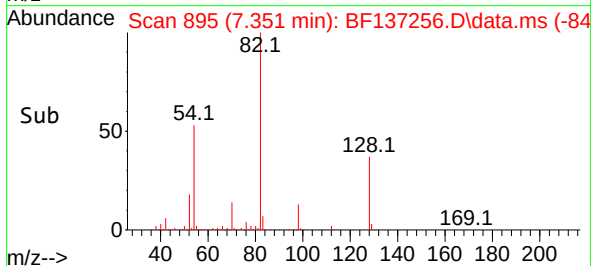
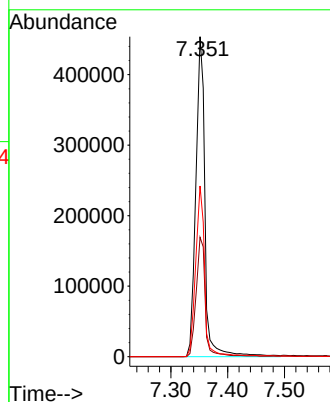
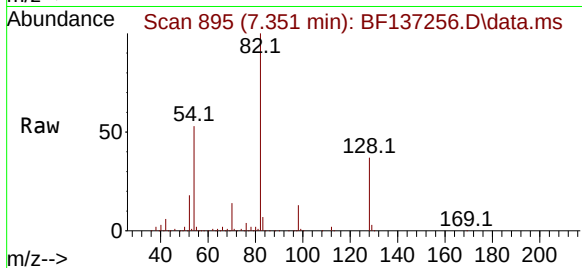
Tgt Ion: 82 Resp: 511407

Ion Ratio Lower Upper

82 100

128 37.3 29.1 43.7

54 53.3 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.005 min

Lab File: BF137256.D

Acq: 02 Feb 2024 15:47

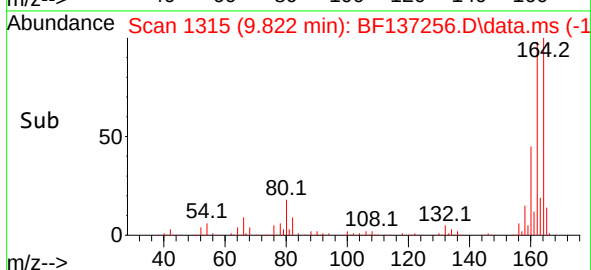
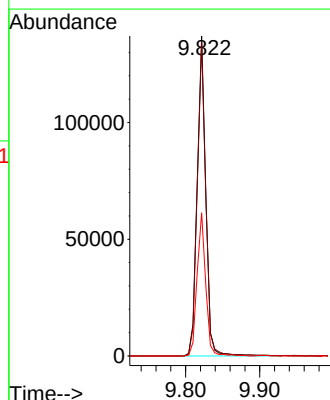
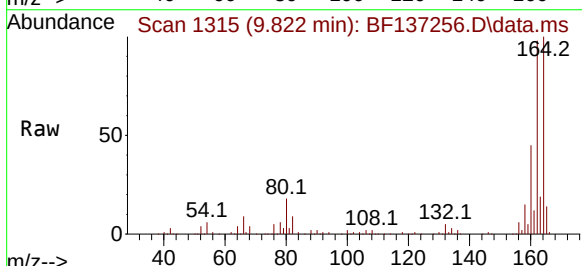
Tgt Ion:164 Resp: 110241

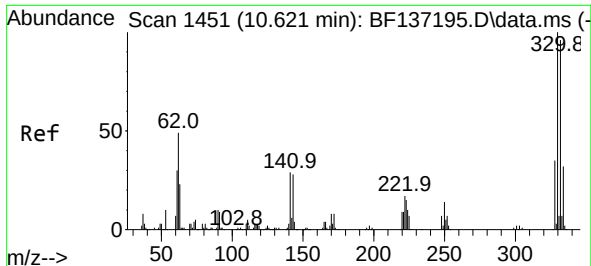
Ion Ratio Lower Upper

164 100

162 98.0 78.3 117.5

160 44.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 170.297 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137256.D

Acq: 02 Feb 2024 15:47

Instrument :

BNA_F

ClientSampleId :

TP-3

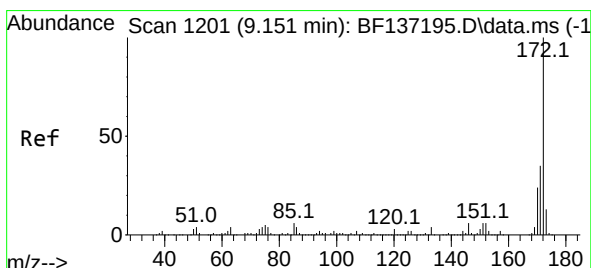
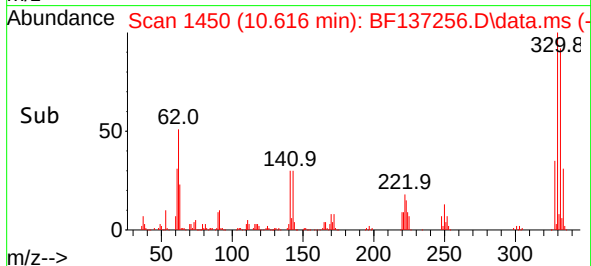
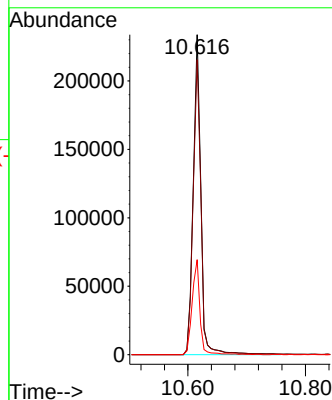
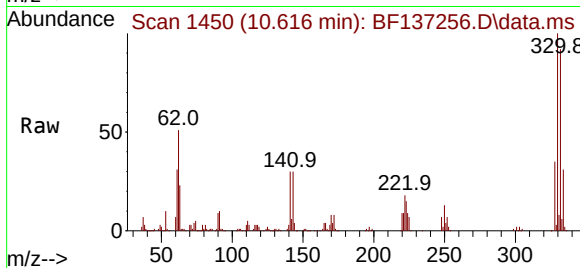
Tgt Ion:330 Resp: 212021

Ion Ratio Lower Upper

330 100

332 95.1 77.3 115.9

141 30.4 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 110.725 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137256.D

Acq: 02 Feb 2024 15:47

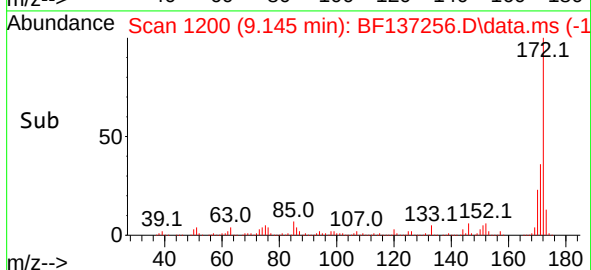
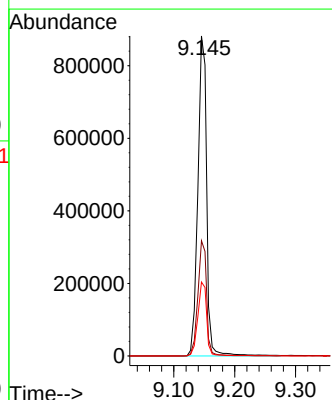
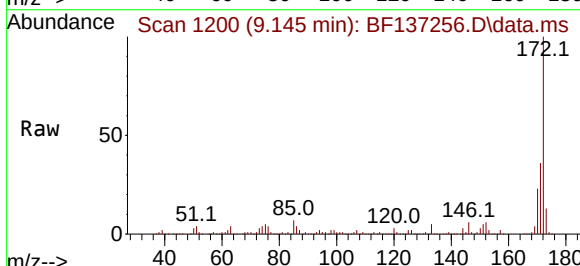
Tgt Ion:172 Resp: 887955

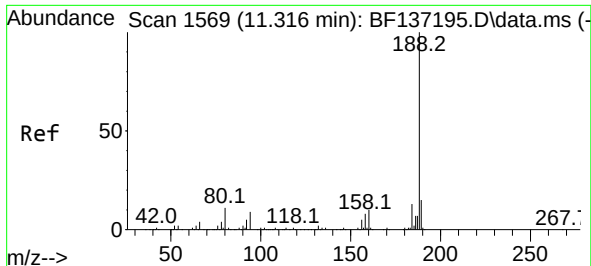
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.1 19.1 28.7

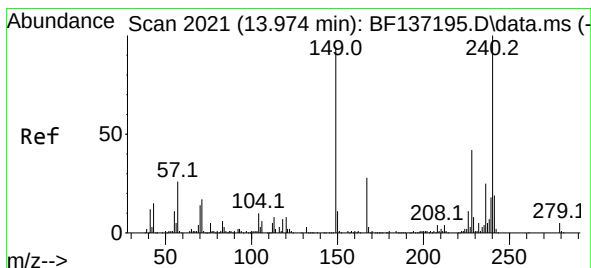
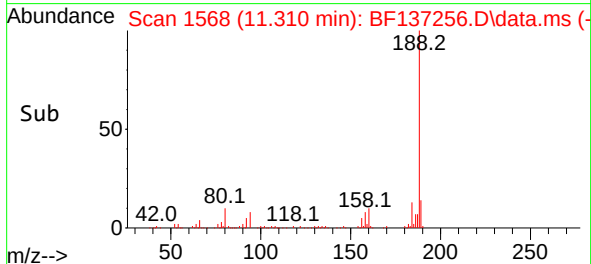
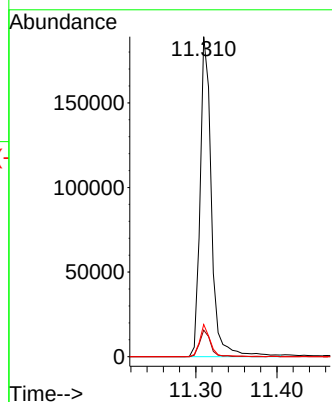
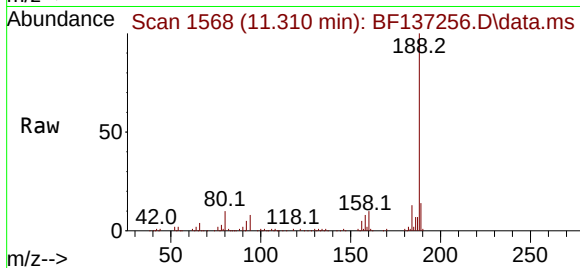




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137256.D
Acq: 02 Feb 2024 15:47

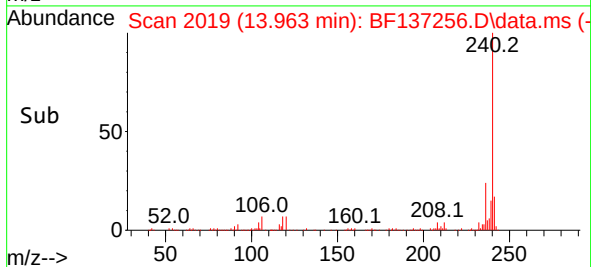
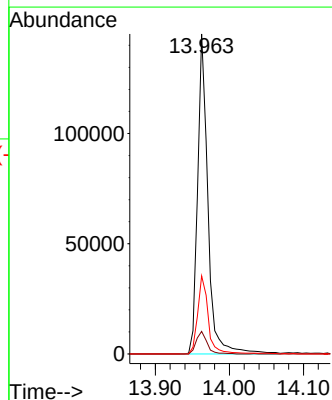
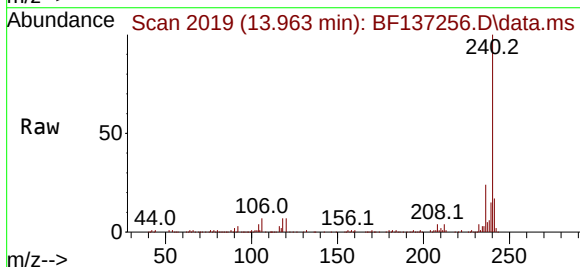
Instrument :
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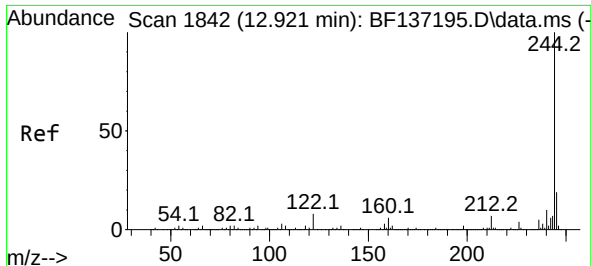
Tgt Ion:188 Resp: 184035
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 10.0 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137256.D
Acq: 02 Feb 2024 15:47

Tgt Ion:240 Resp: 139962
Ion Ratio Lower Upper
240 100
120 7.0 6.3 9.5
236 24.4 20.3 30.5

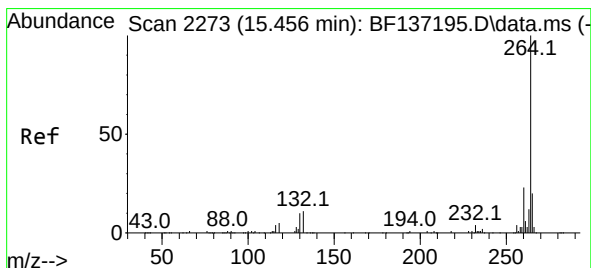
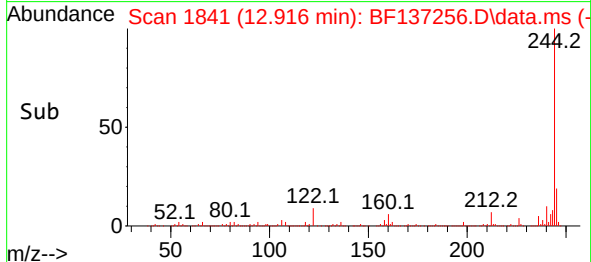
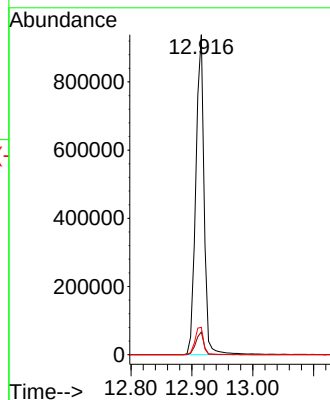
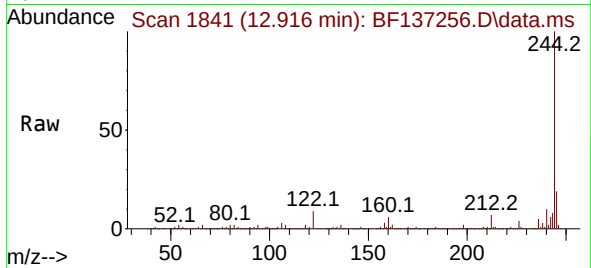




#79
 Terphenyl-d14
 Concen: 86.366 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137256.D
 Acq: 02 Feb 2024 15:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 889182
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 8.5 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.018 min
 Lab File: BF137256.D
 Acq: 02 Feb 2024 15:47

Tgt Ion:264 Resp: 103373
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.4
 265 19.8 16.2 24.2

