

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135956.D
 Acq On : 25 Oct 2023 23:03
 Operator : CG\JU
 Sample : PB155810TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155810TB

Quant Time: Oct 26 04:35:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	144054	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	596706	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	312404	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	588424	20.000	ng	0.00
76) Chrysene-d12	13.998	240	445083	20.000	ng	#-0.01
86) Perylene-d12	15.486	264	390098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1467956	157.355	ng	0.01
7) Phenol-d6	6.457	99	1805098	155.422	ng	0.00
23) Nitrobenzene-d5	7.387	82	1048295	110.173	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	471697	172.501	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1942716	99.575	ng	0.00
79) Terphenyl-d14	12.951	244	2360822	88.622	ng	0.00

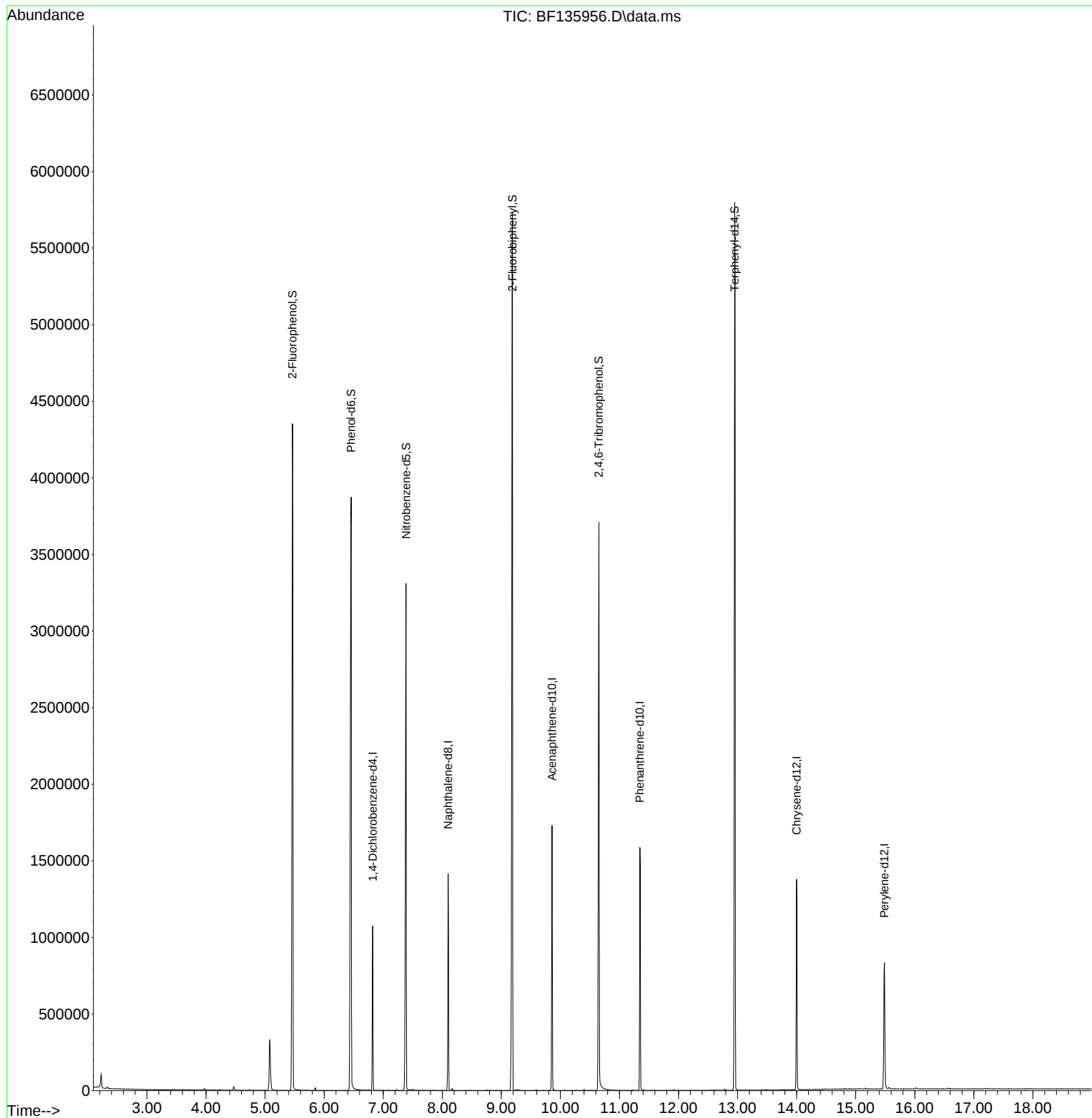
Target Compounds	Qvalue

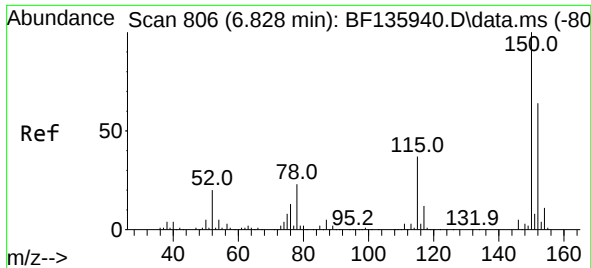
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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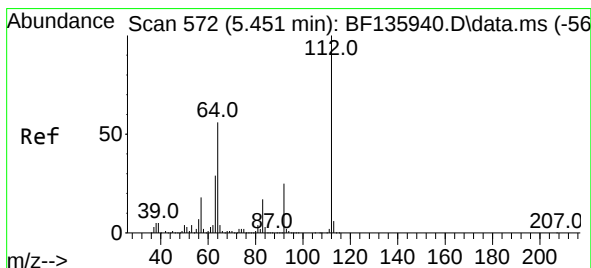
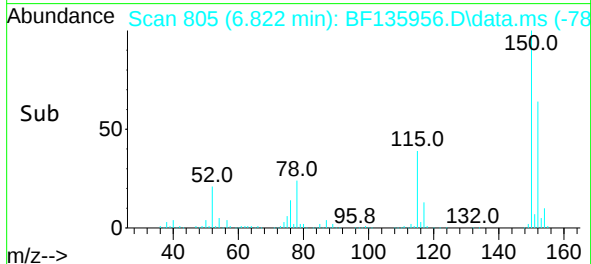
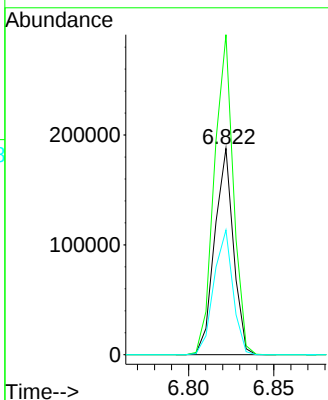
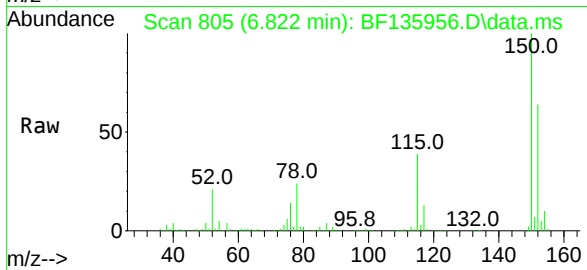




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BF135956.D
 Acq: 25 Oct 2023 23:03

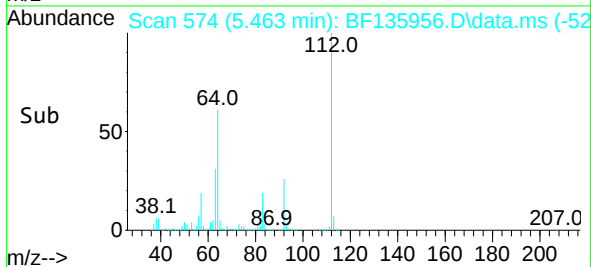
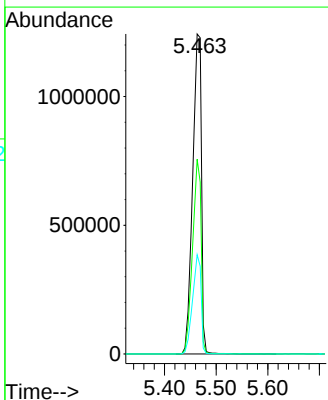
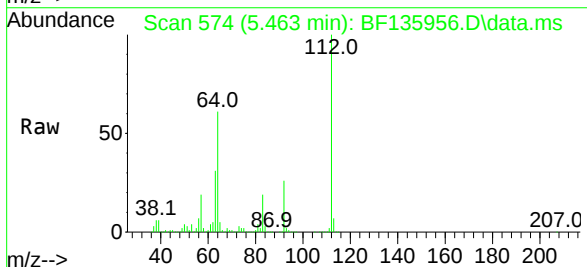
Instrument :
 BNA_F
 ClientSampleId :
 PB155810TB

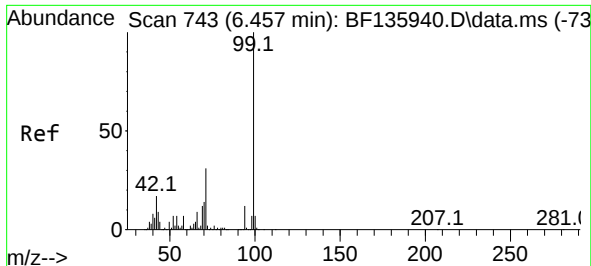
Tgt Ion:152 Resp: 144054
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 60.5 46.6 69.8



#5
 2-Fluorophenol
 Concen: 157.355 ng
 RT: 5.463 min Scan# 574
 Delta R.T. 0.012 min
 Lab File: BF135956.D
 Acq: 25 Oct 2023 23:03

Tgt Ion:112 Resp: 1467956
 Ion Ratio Lower Upper
 112 100
 64 60.9 45.1 67.7
 63 31.0 23.0 34.4



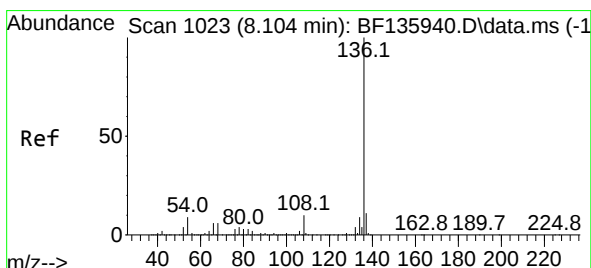
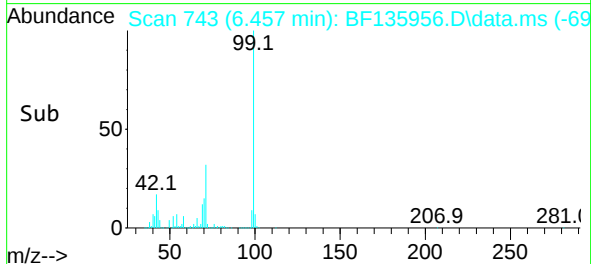
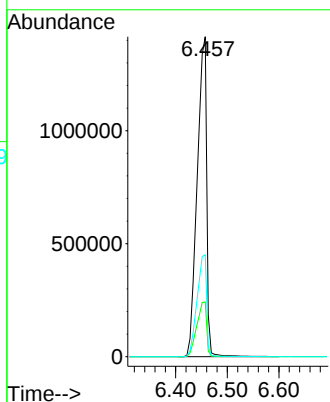
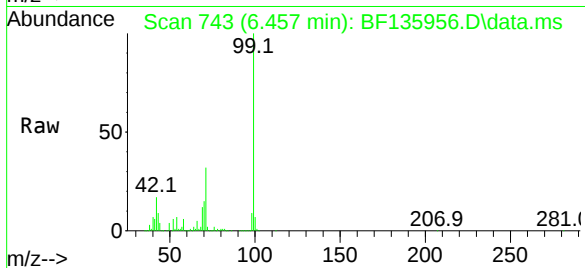


#7
Phenol-d6
Concen: 155.422 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Instrument :
BNA_F
ClientSampleId :
PB155810TB

Tgt Ion: 99 Resp: 1805098

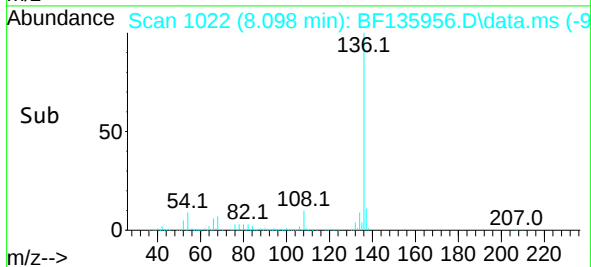
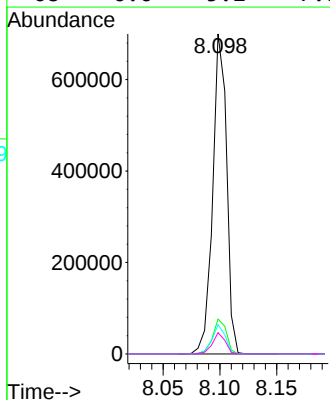
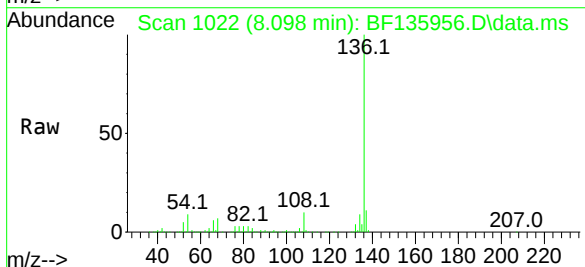
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	31.9	25.1	37.7

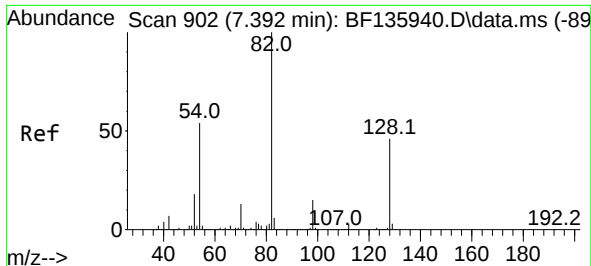


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Tgt Ion: 136 Resp: 596706

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.2	7.1	10.7
68	6.6	5.2	7.8





#23

Nitrobenzene-d5

Concen: 110.173 ng

RT: 7.387 min Scan# 90

Delta R.T. -0.005 min

Lab File: BF135956.D

Acq: 25 Oct 2023 23:03

Instrument :

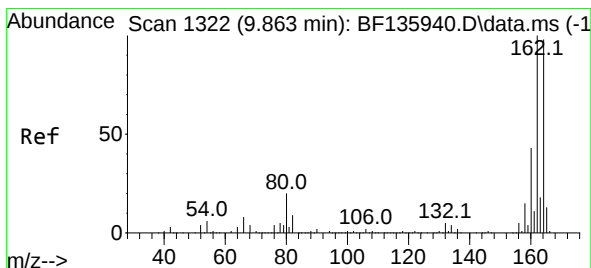
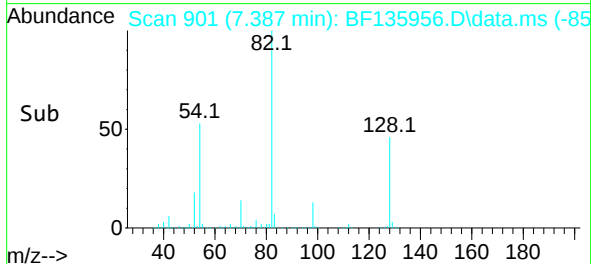
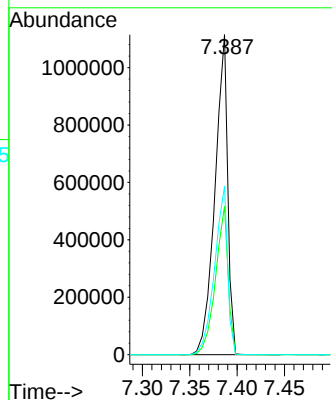
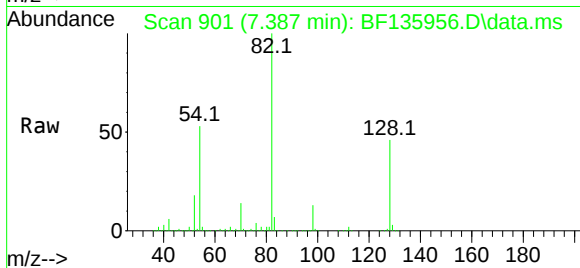
BNA_F

ClientSampleId :

PB155810TB

Tgt Ion: 82 Resp: 1048295

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.8	55.2
54	52.7	43.4	65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

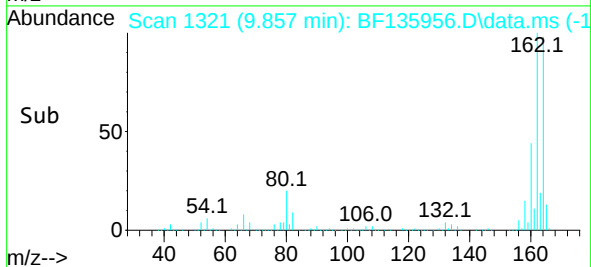
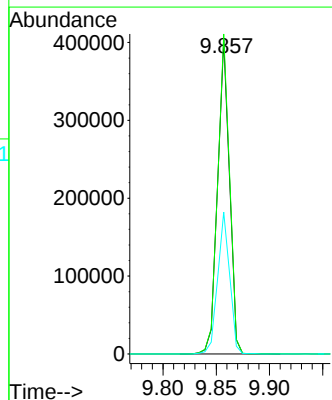
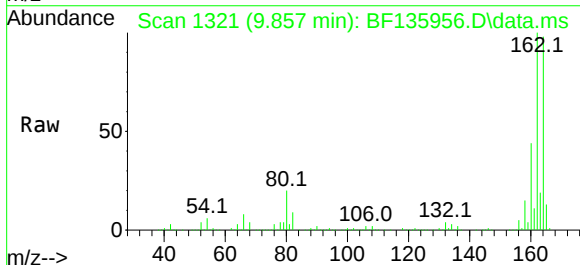
Delta R.T. -0.006 min

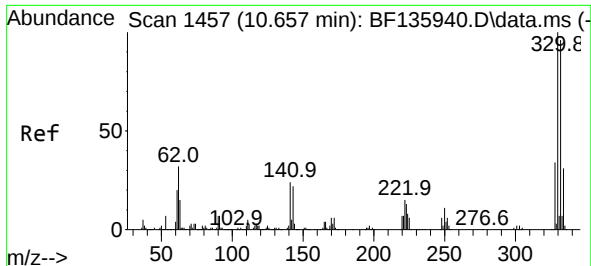
Lab File: BF135956.D

Acq: 25 Oct 2023 23:03

Tgt Ion:164 Resp: 312404

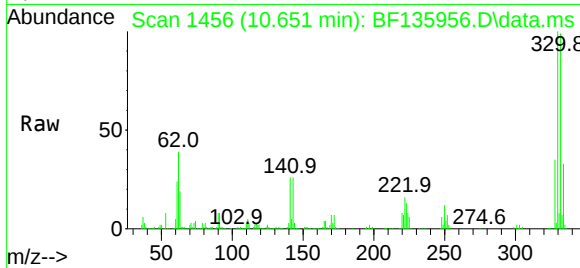
Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.0	123.0
160	45.2	35.6	53.4



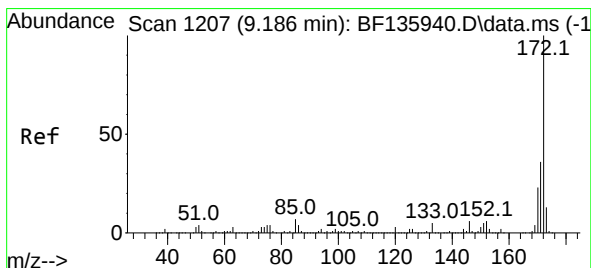
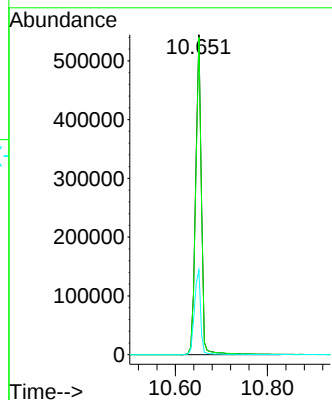
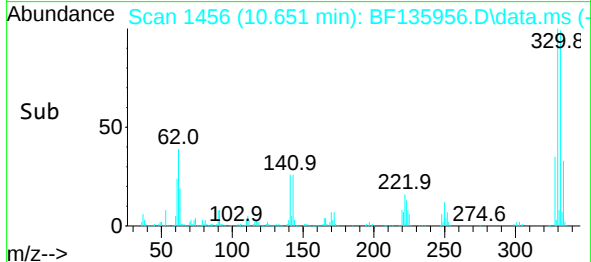


#42
2,4,6-Tribromophenol
Concen: 172.501 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Instrument :
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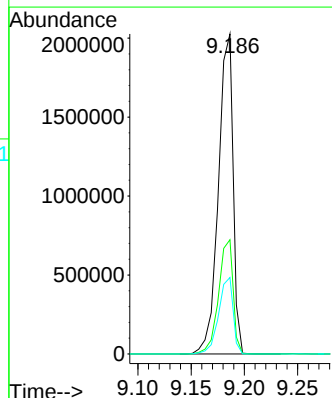
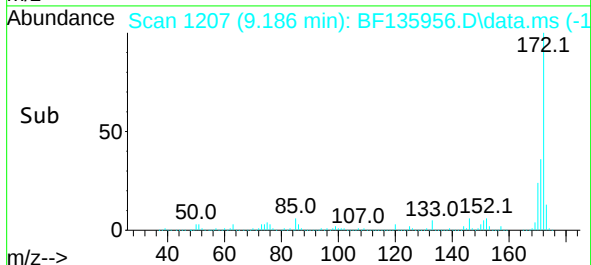
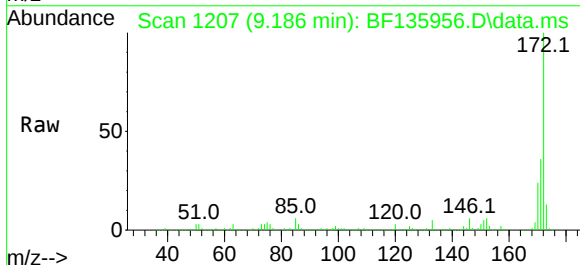


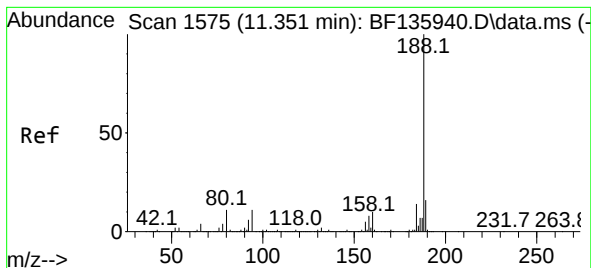
Tgt Ion:330 Resp: 471697
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.2
141 28.9 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 99.575 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Tgt Ion:172 Resp: 1942716
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135956.D

Acq: 25 Oct 2023 23:03

Instrument :

BNA_F

ClientSampleId :

PB155810TB

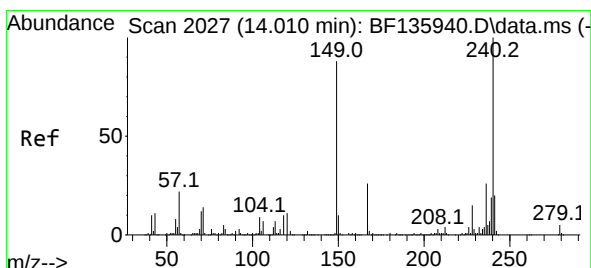
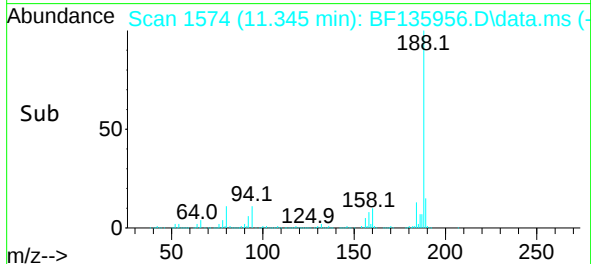
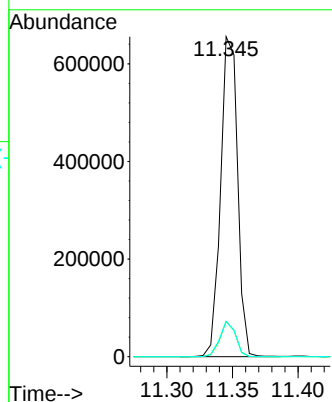
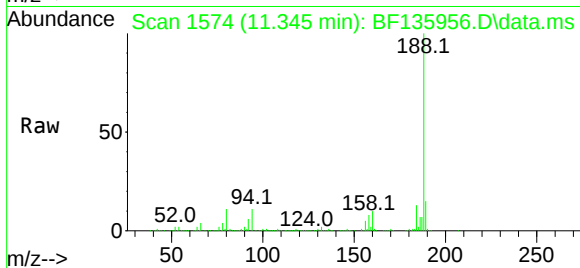
Tgt Ion:188 Resp: 588424

Ion Ratio Lower Upper

188 100

94 11.0 8.6 13.0

80 11.1 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF135956.D

Acq: 25 Oct 2023 23:03

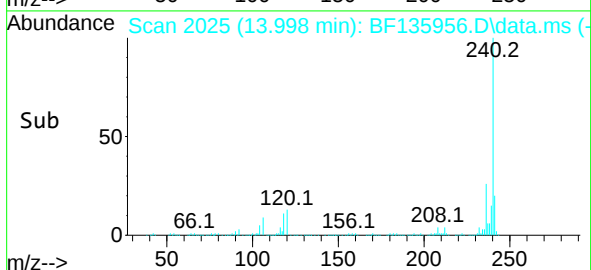
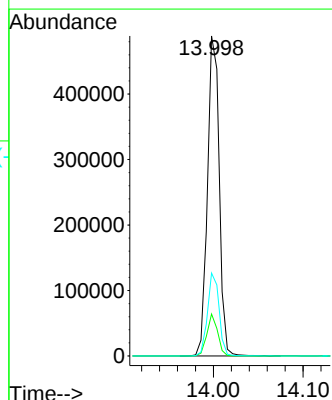
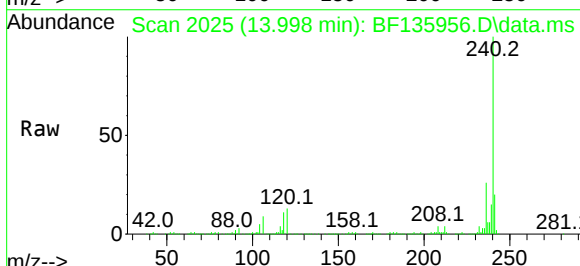
Tgt Ion:240 Resp: 445083

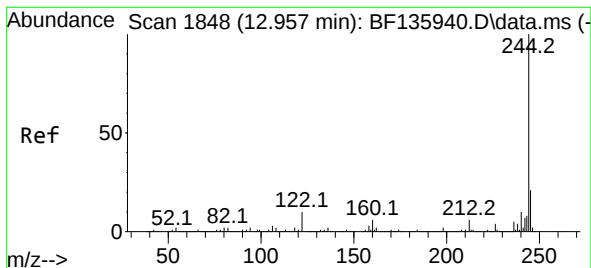
Ion Ratio Lower Upper

240 100

120 13.1 8.6 13.0#

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 88.622 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135956.D

Acq: 25 Oct 2023 23:03

Instrument :

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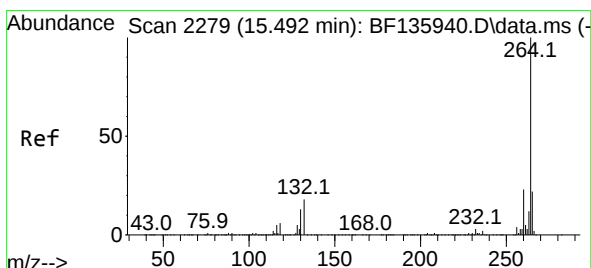
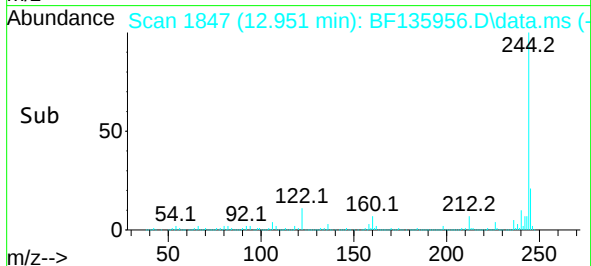
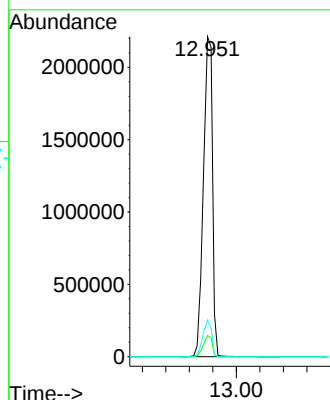
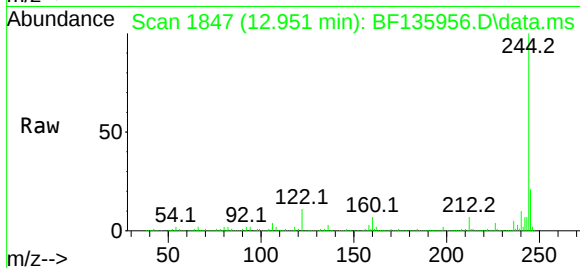
Tgt Ion:244 Resp: 2360822

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

122 11.4 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF135956.D

Acq: 25 Oct 2023 23:03

Tgt Ion:264 Resp: 390098

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.2 17.3 25.9

