

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135441.D
 Acq On : 25 Sep 2023 22:27
 Operator : CG\JU
 Sample : 04521-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 350

Quant Time: Sep 26 01:45:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	176364	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	621453	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	239956	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	405963	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	278682	20.000	ng	0.00
86) Perylene-d12	15.409	264	216323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	817161	75.359	ng	0.00
7) Phenol-d6	6.398	99	1155082	83.773	ng	0.00
23) Nitrobenzene-d5	7.316	82	716092	62.603	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	100619	42.196	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1069520	67.246	ng	0.00
79) Terphenyl-d14	12.880	244	957178	53.244	ng	0.00

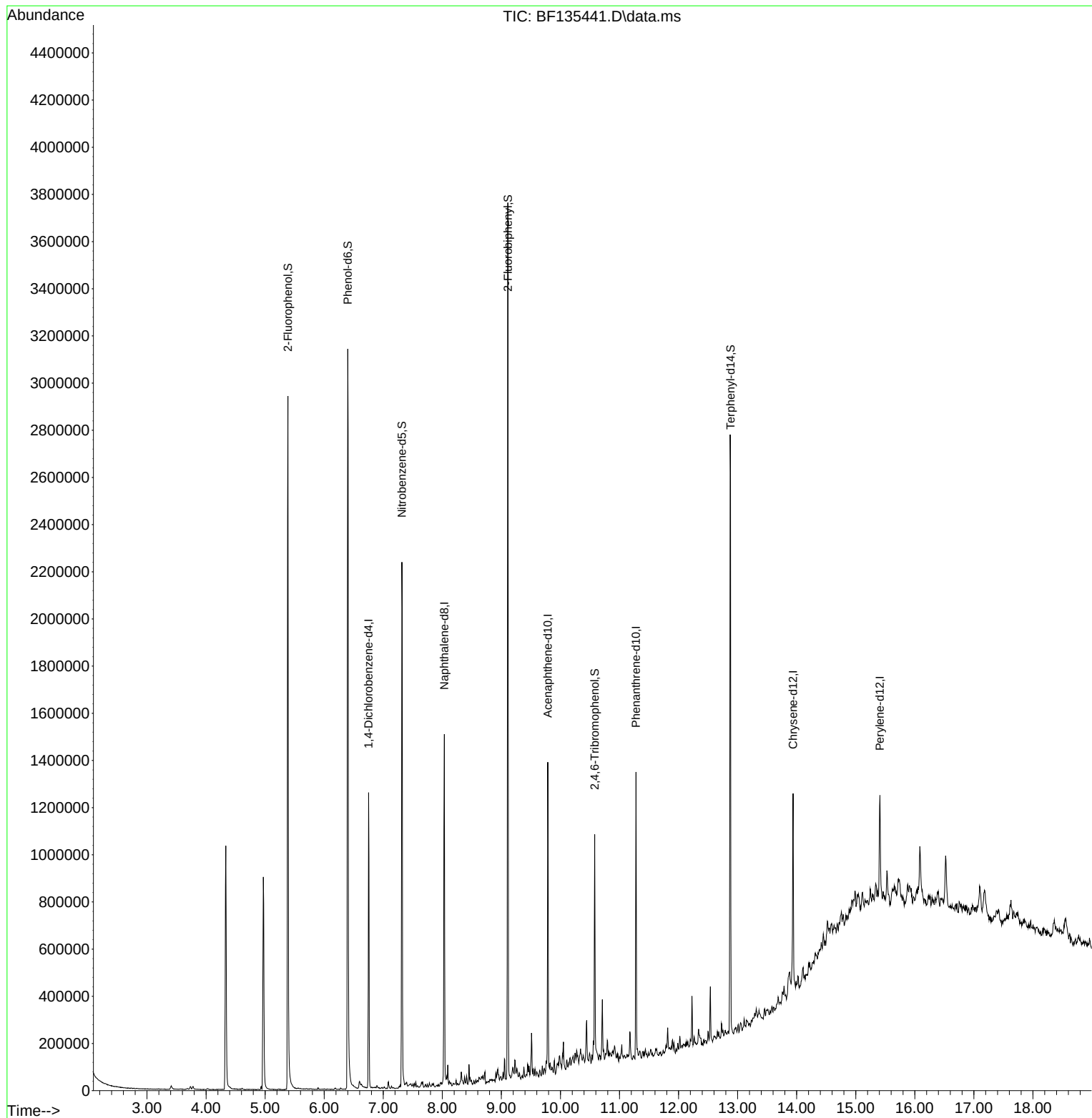
Target Compounds	Qvalue

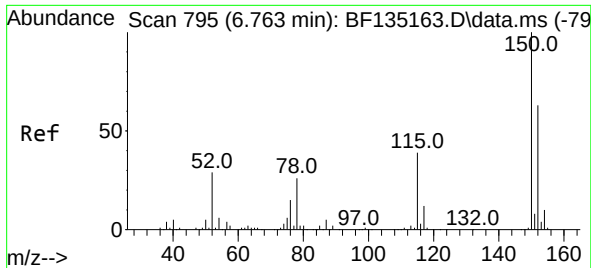
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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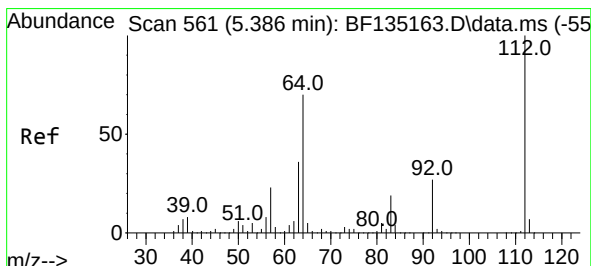
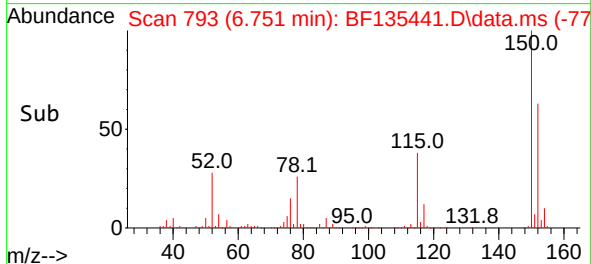
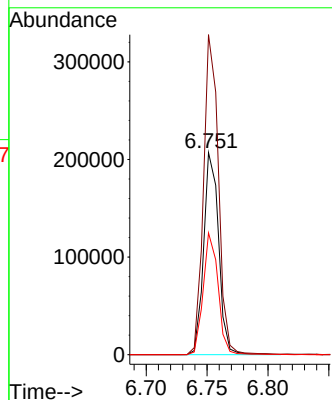
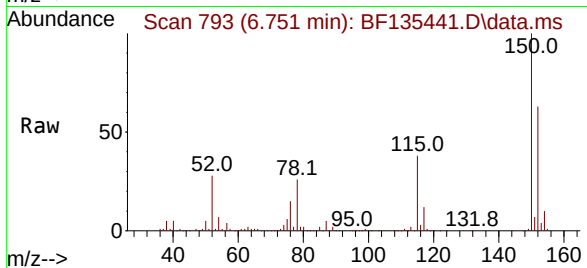




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135441.D
 Acq: 25 Sep 2023 22:27

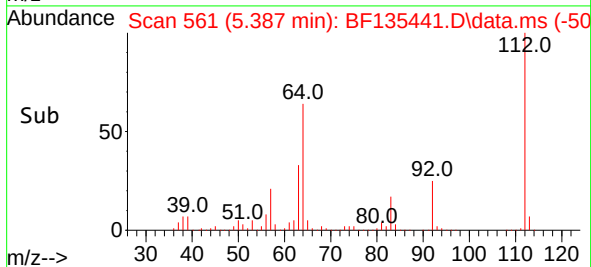
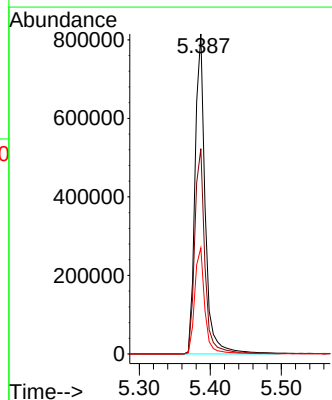
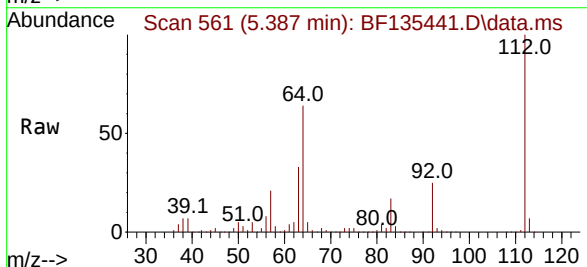
Instrument :
 BNA_F
 ClientSampleId :
 350

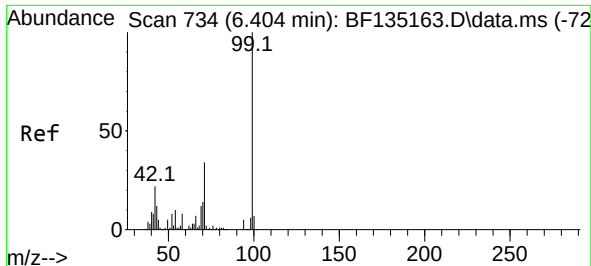
Tgt Ion:152 Resp: 176364
 Ion Ratio Lower Upper
 152 100
 150 158.4 127.8 191.6
 115 60.3 49.8 74.8



#5
 2-Fluorophenol
 Concen: 75.359 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF135441.D
 Acq: 25 Sep 2023 22:27

Tgt Ion:112 Resp: 817161
 Ion Ratio Lower Upper
 112 100
 64 64.1 55.9 83.9
 63 33.2 29.0 43.6





#7

Phenol-d6

Concen: 83.773 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135441.D

Acq: 25 Sep 2023 22:27

Instrument :

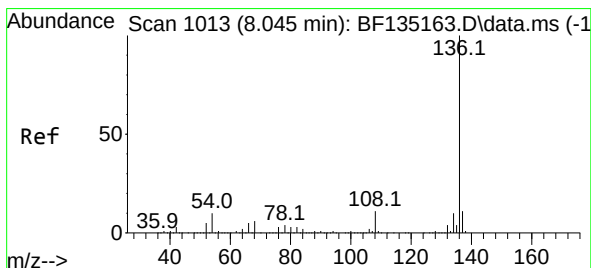
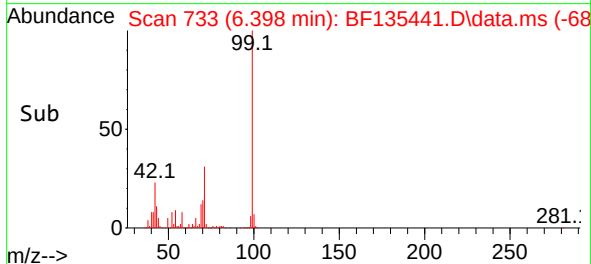
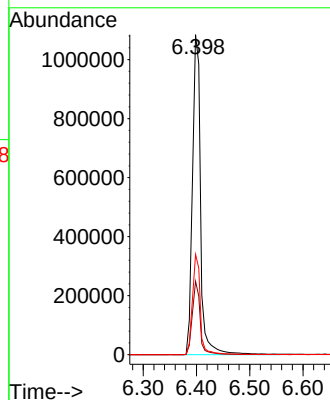
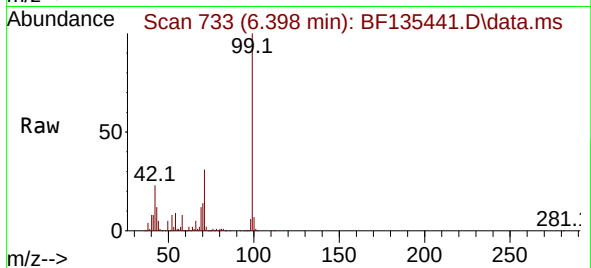
BNA_F

ClientSampleId :

350

Tgt Ion: 99 Resp: 1155082

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	31.4	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.033 min Scan# 1011

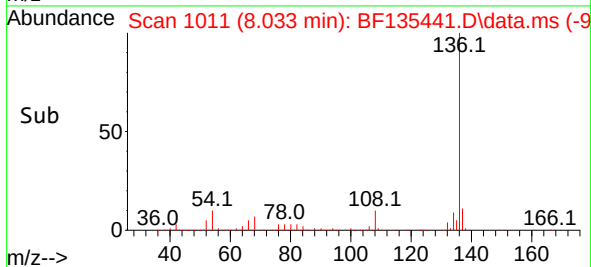
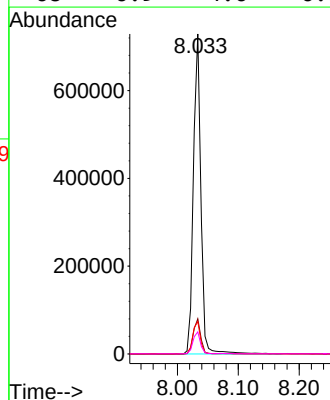
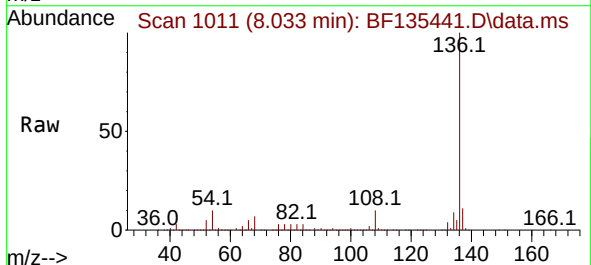
Delta R.T. -0.000 min

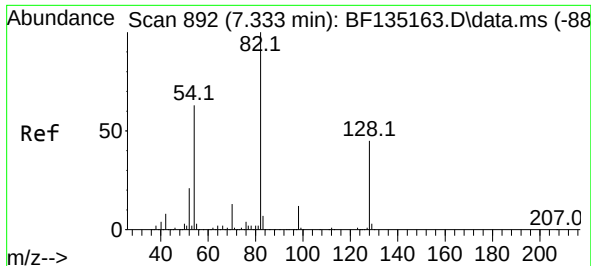
Lab File: BF135441.D

Acq: 25 Sep 2023 22:27

Tgt Ion: 136 Resp: 621453

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.1	7.7	11.5
68	6.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 62.603 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135441.D

Acq: 25 Sep 2023 22:27

Instrument :

BNA_F

ClientSampleId :

350

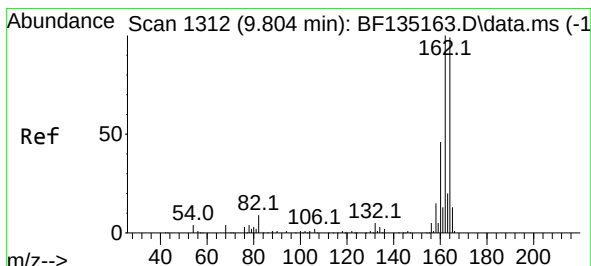
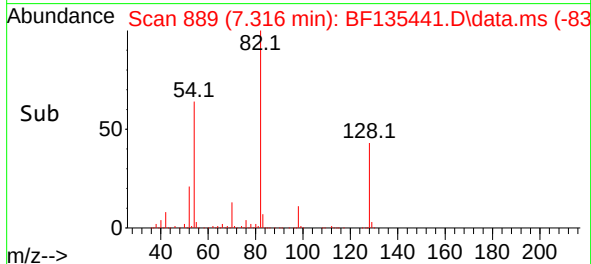
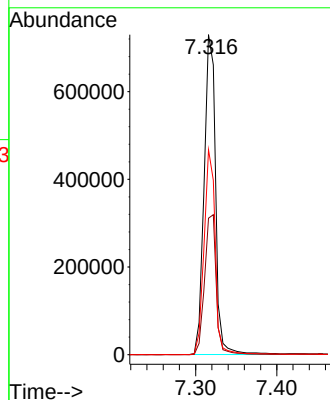
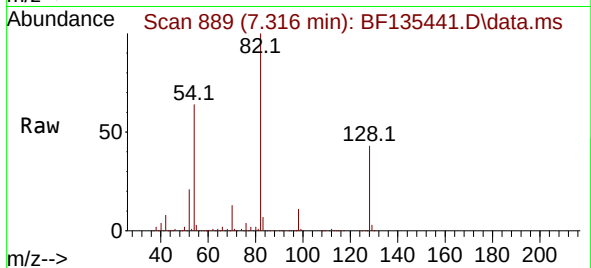
Tgt Ion: 82 Resp: 716092

Ion Ratio Lower Upper

82 100

128 42.6 35.8 53.6

54 64.1 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF135441.D

Acq: 25 Sep 2023 22:27

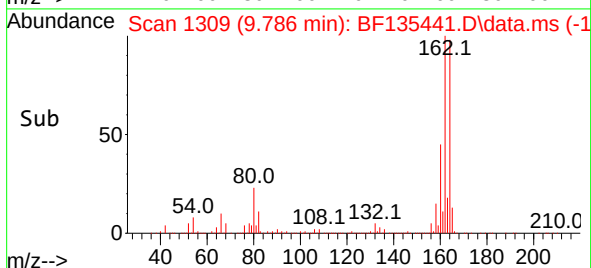
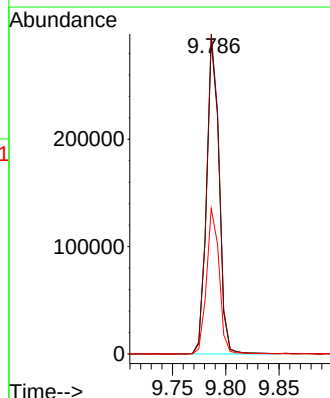
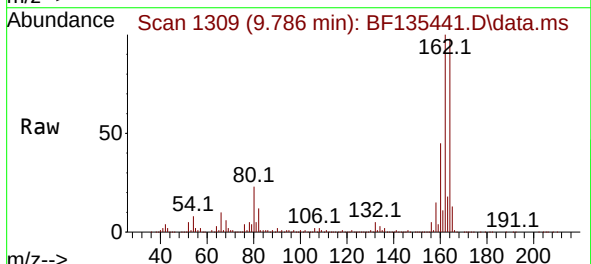
Tgt Ion: 164 Resp: 239956

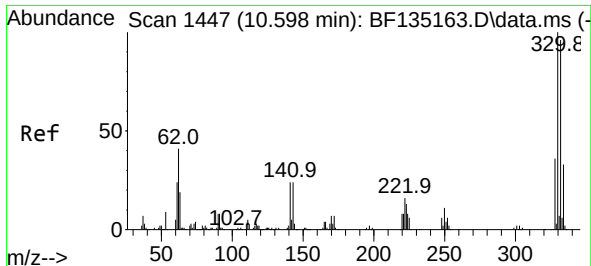
Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 46.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 42.196 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135441.D

Acq: 25 Sep 2023 22:27

Instrument :

BNA_F

ClientSampleId :

350

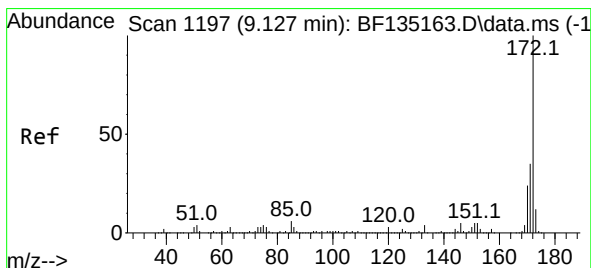
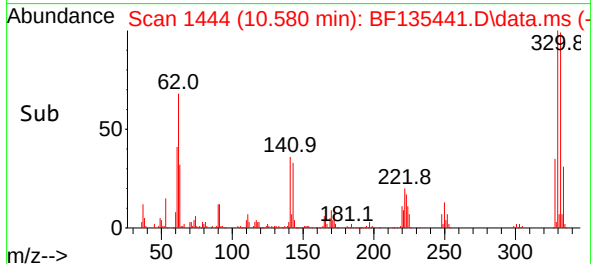
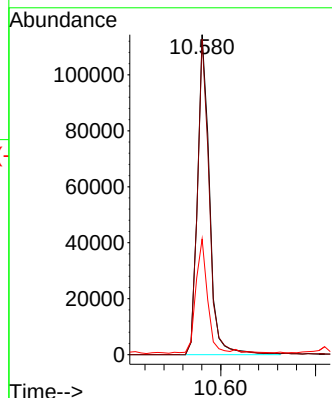
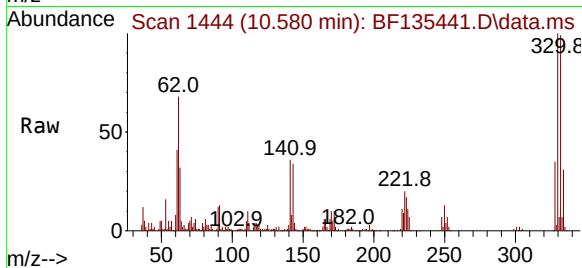
Tgt Ion:330 Resp: 100619

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 34.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 67.246 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135441.D

Acq: 25 Sep 2023 22:27

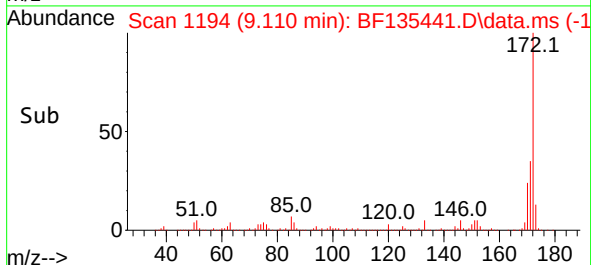
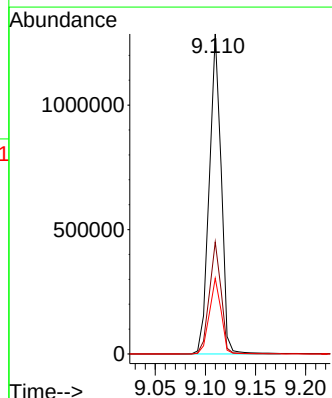
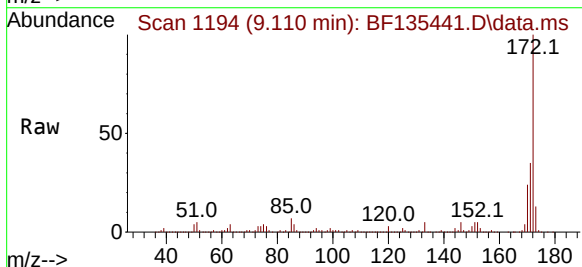
Tgt Ion:172 Resp: 1069520

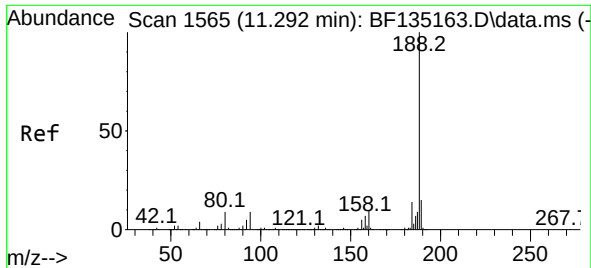
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.6 19.0 28.4

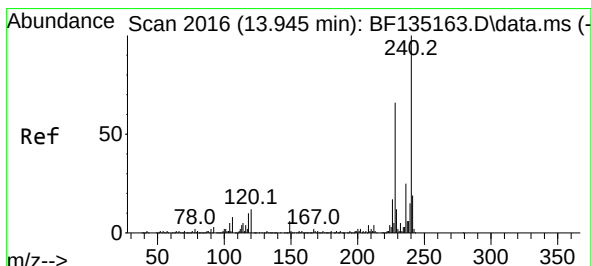
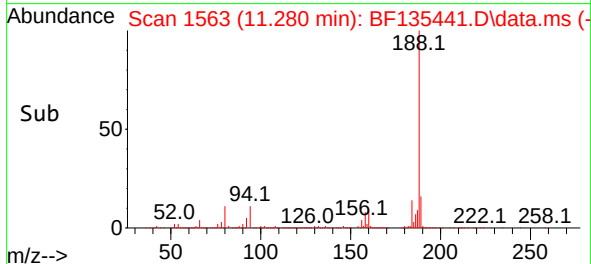
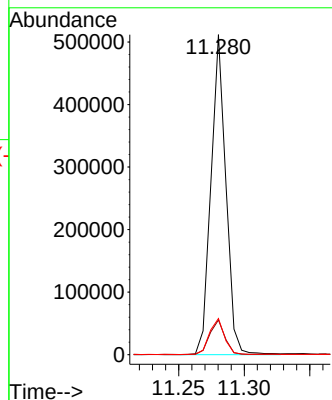
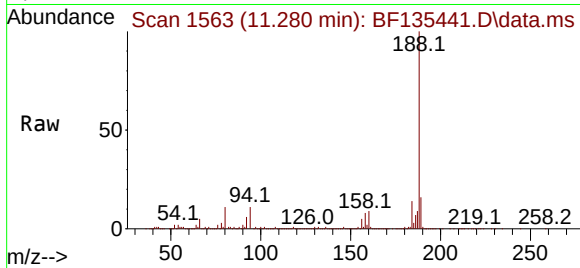




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

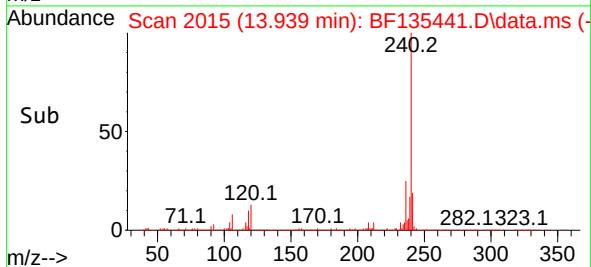
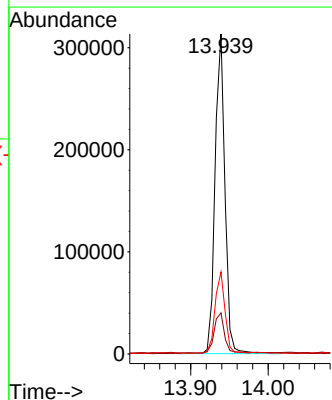
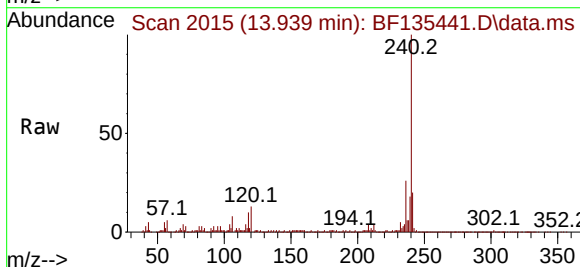
Instrument :
BNA_F
ClientSampleId :
350

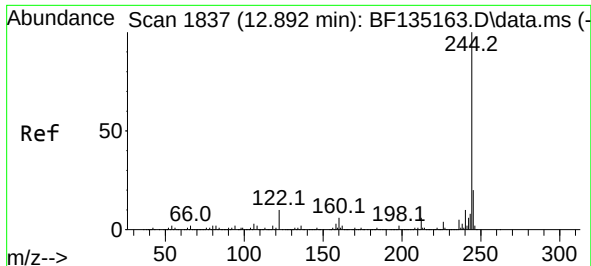
Tgt Ion:188 Resp: 405963
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.3 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

Tgt Ion:240 Resp: 278682
Ion Ratio Lower Upper
240 100
120 12.9 9.4 14.2
236 25.6 19.8 29.8

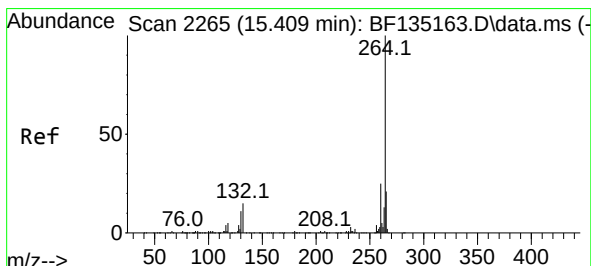
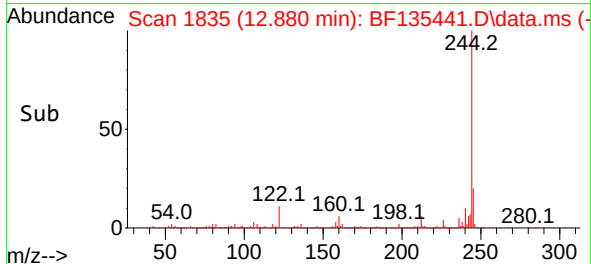
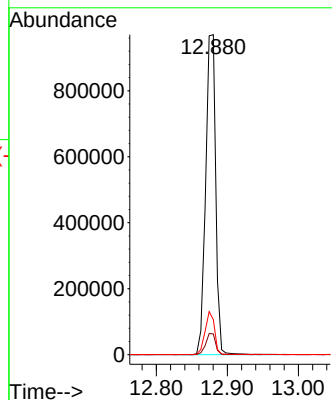
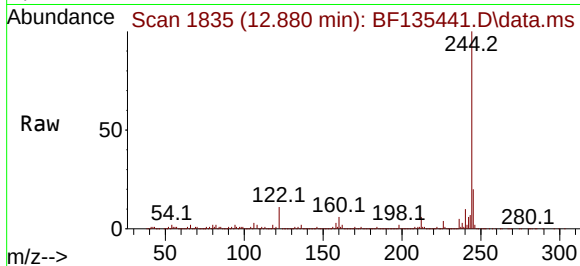




#79
 Terphenyl-d14
 Concen: 53.244 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135441.D
 Acq: 25 Sep 2023 22:27

Instrument :
 BNA_F
 ClientSampleId :
 350

Tgt Ion:244 Resp: 957178
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135441.D
 Acq: 25 Sep 2023 22:27

Tgt Ion:264 Resp: 216323
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 22.3 17.0 25.4

