

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135257.D
 Acq On : 14 Sep 2023 16:49
 Operator : CG\JU
 Sample : 04338-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Sep 14 17:11:23 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 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	129719	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	530751	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	264787	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	492269	20.000	ng	0.00
76) Chrysene-d12	13.945	240	259994	20.000	ng	0.00
86) Perylene-d12	15.409	264	271212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1095810	137.395	ng	0.02
7) Phenol-d6	6.410	99	1410017	139.035	ng	0.00
23) Nitrobenzene-d5	7.328	82	962008	98.474	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	376914	143.240	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1606571	91.540	ng	0.00
79) Terphenyl-d14	12.892	244	1449504	86.425	ng	0.00

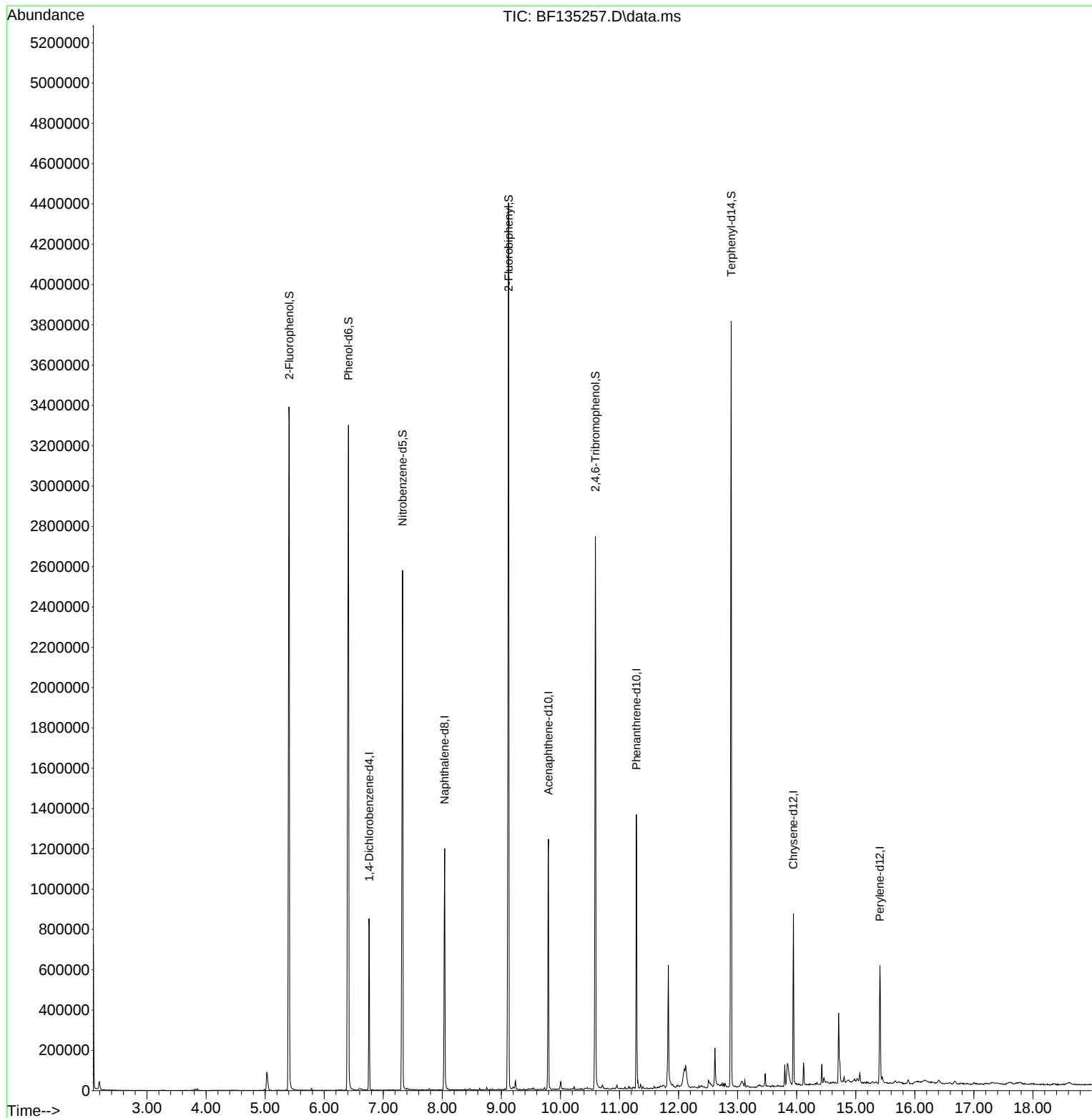
Target Compounds	Qvalue

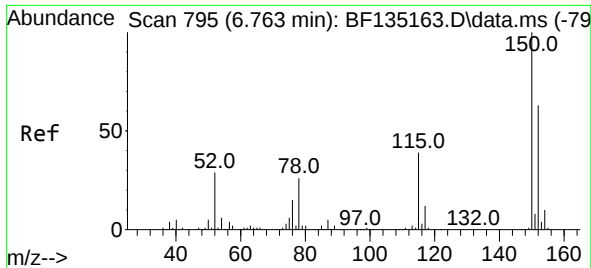
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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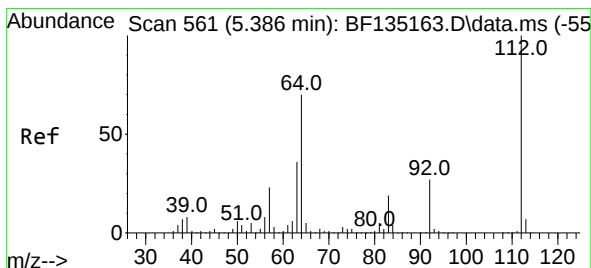
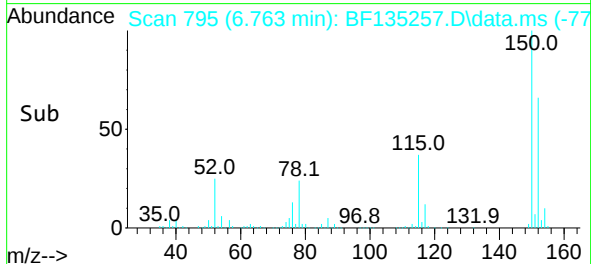
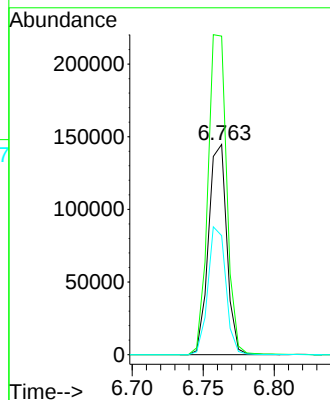
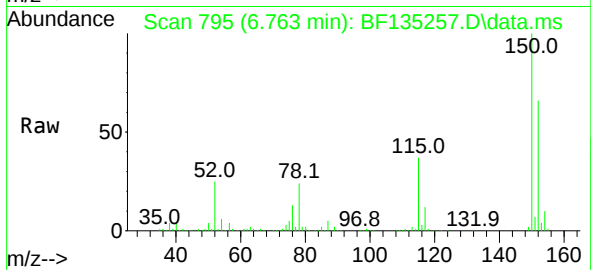




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135257.D
Acq: 14 Sep 2023 16:49

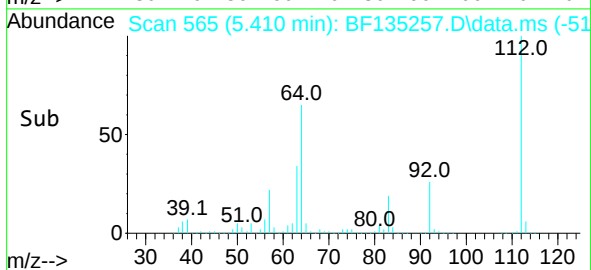
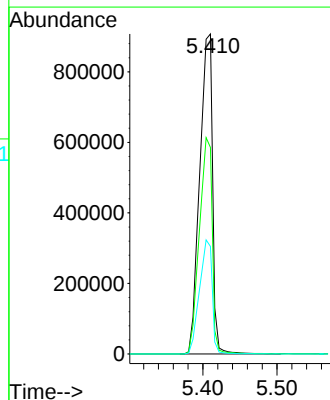
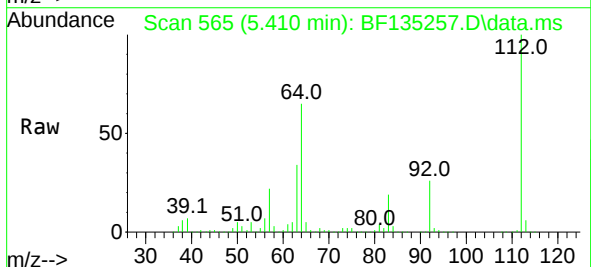
Instrument :
BNA_F
ClientSampleId :
TP4

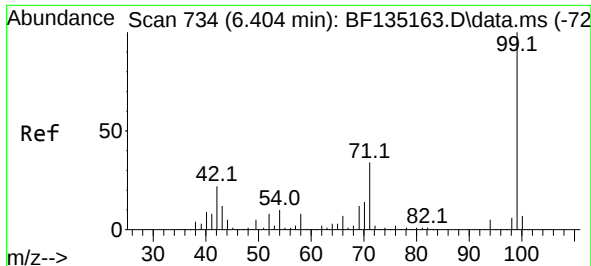
Tgt Ion:152 Resp: 129719
Ion Ratio Lower Upper
152 100
150 151.6 127.8 191.6
115 56.6 49.8 74.8



#5
2-Fluorophenol
Concen: 137.395 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF135257.D
Acq: 14 Sep 2023 16:49

Tgt Ion:112 Resp: 1095810
Ion Ratio Lower Upper
112 100
64 64.6 55.9 83.9
63 33.6 29.0 43.6

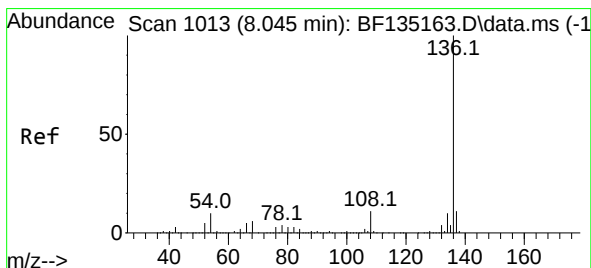
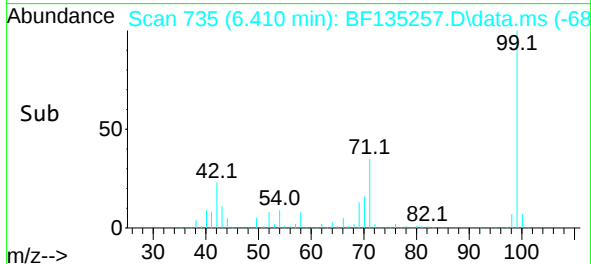
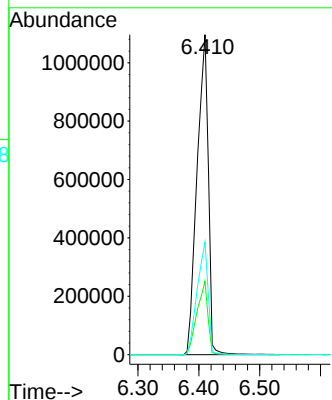
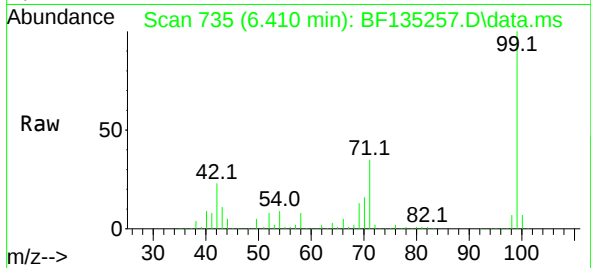




#7
Phenol-d6
Concen: 139.035 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135257.D
Acq: 14 Sep 2023 16:49

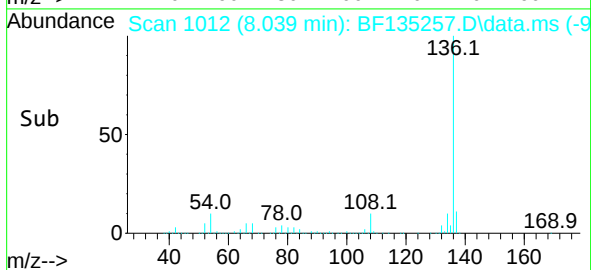
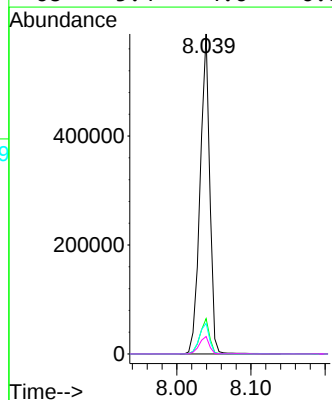
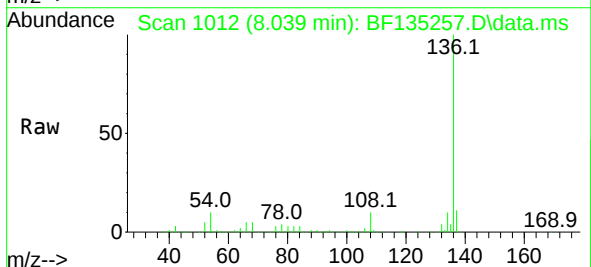
Instrument :
BNA_F
ClientSampleId :
TP4

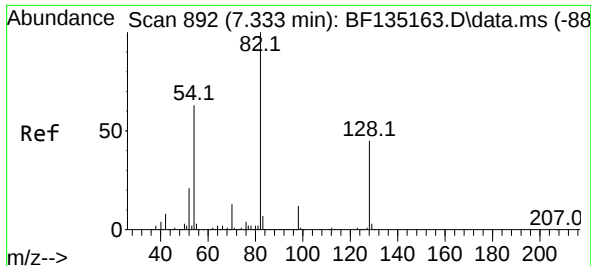
Tgt Ion: 99 Resp: 1410017
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 35.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135257.D
Acq: 14 Sep 2023 16:49

Tgt Ion: 136 Resp: 530751
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.6 7.7 11.5
68 5.4 4.6 6.8

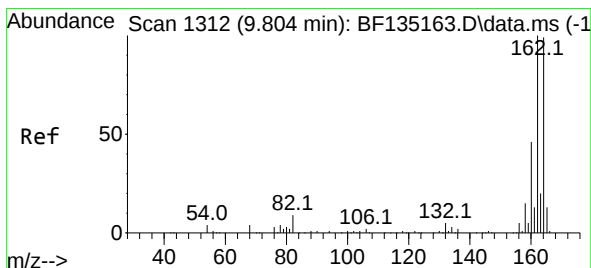
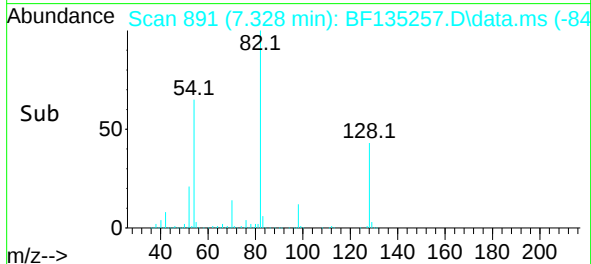
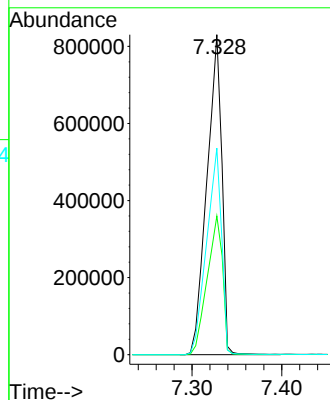
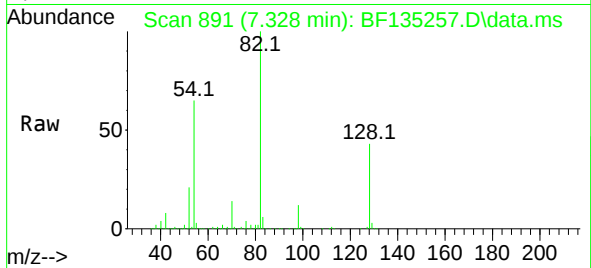




#23
Nitrobenzene-d5
Concen: 98.474 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135257.D
Acq: 14 Sep 2023 16:49

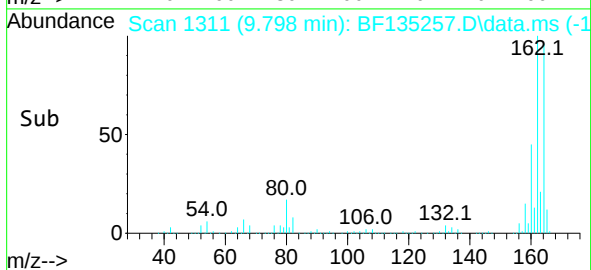
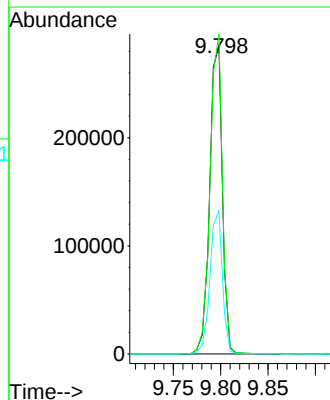
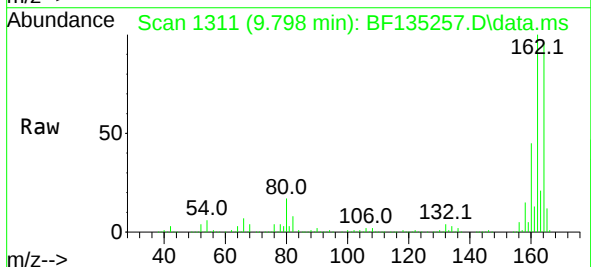
Instrument :
BNA_F
ClientSampleId :
TP4

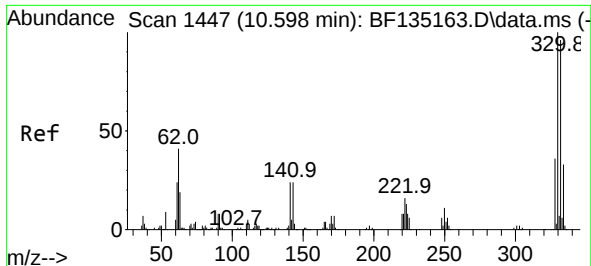
Tgt Ion: 82 Resp: 962008
Ion Ratio Lower Upper
82 100
128 43.4 35.8 53.6
54 64.6 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135257.D
Acq: 14 Sep 2023 16:49

Tgt Ion:164 Resp: 264787
Ion Ratio Lower Upper
164 100
162 103.8 81.0 121.4
160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 143.240 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135257.D

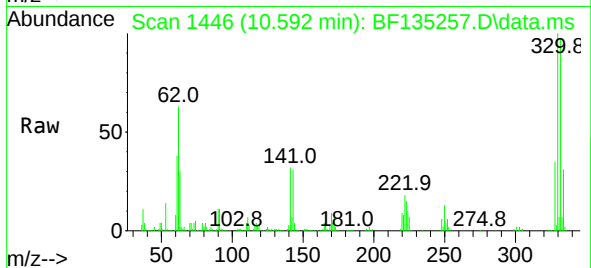
Acq: 14 Sep 2023 16:49

Instrument :

BNA_F

ClientSampleId :

TP4



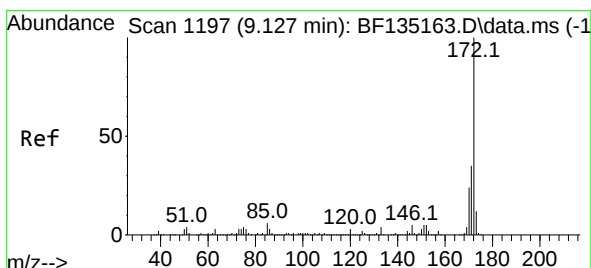
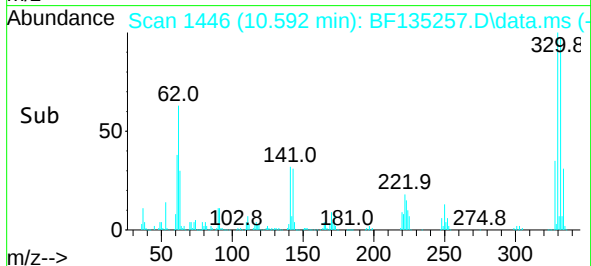
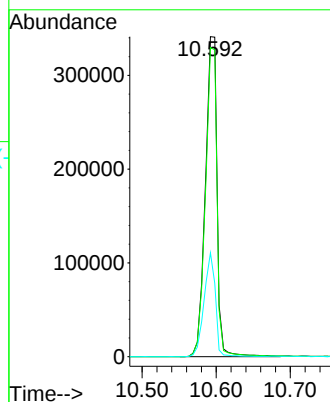
Tgt Ion:330 Resp: 376914

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 31.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 91.540 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135257.D

Acq: 14 Sep 2023 16:49

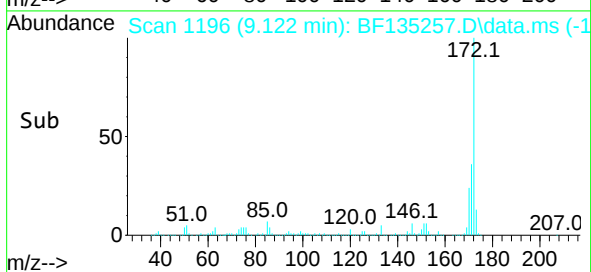
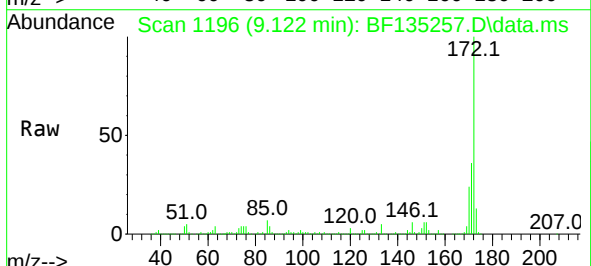
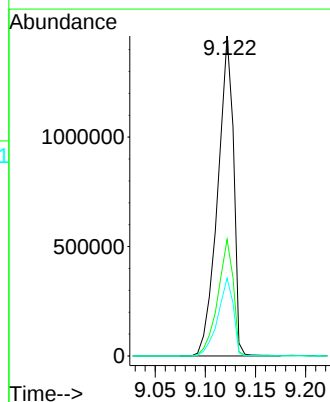
Tgt Ion:172 Resp: 1606571

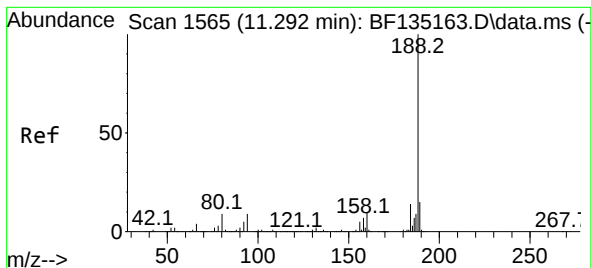
Ion Ratio Lower Upper

172 100

171 36.4 28.4 42.6

170 24.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135257.D

Acq: 14 Sep 2023 16:49

Instrument :

BNA_F

ClientSampleId :

TP4

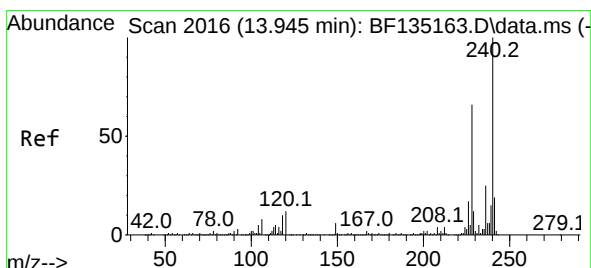
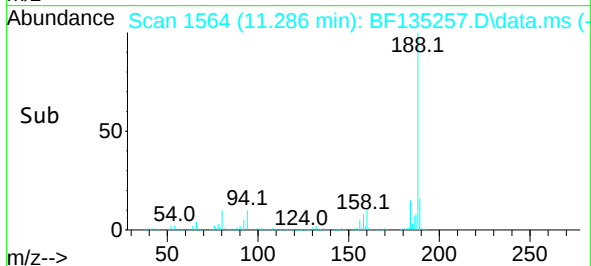
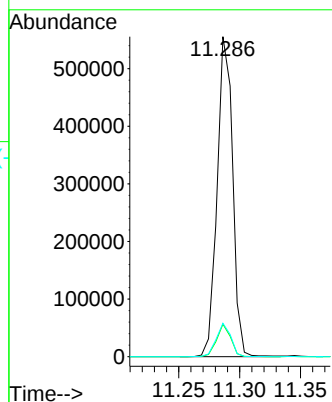
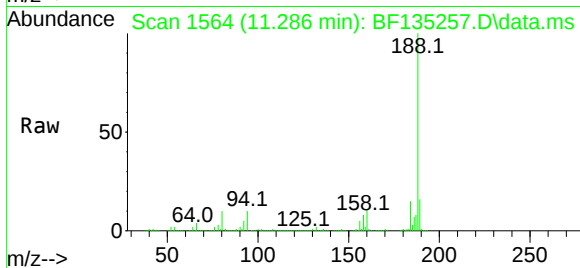
Tgt Ion:188 Resp: 492269

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

80 10.4 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135257.D

Acq: 14 Sep 2023 16:49

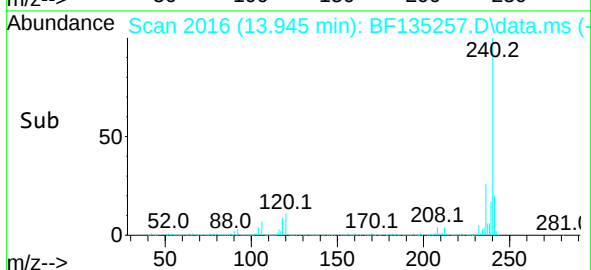
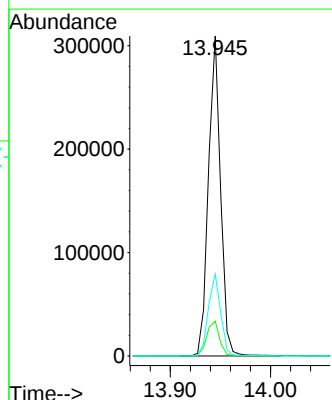
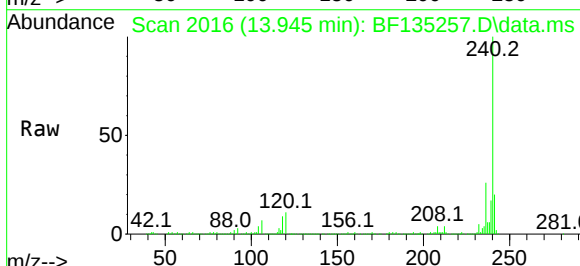
Tgt Ion:240 Resp: 259994

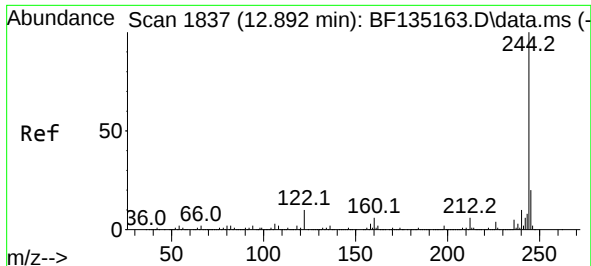
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

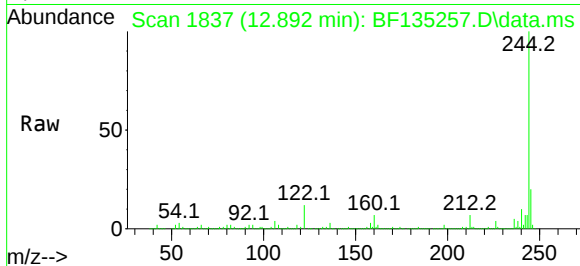
236 25.5 19.8 29.8





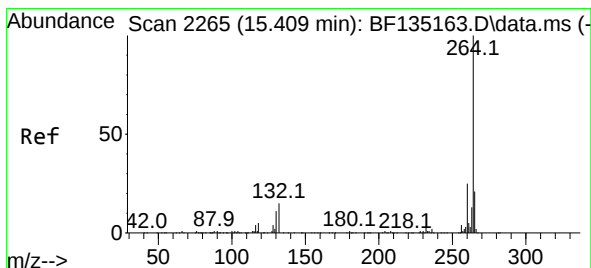
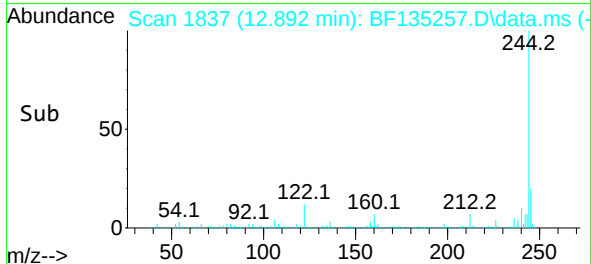
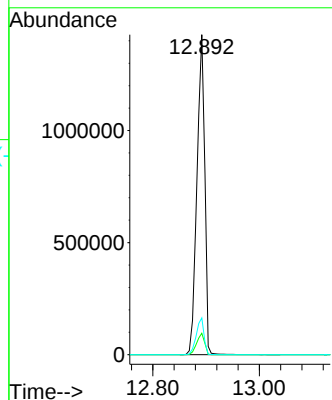
#79
 Terphenyl-d14
 Concen: 86.425 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135257.D
 Acq: 14 Sep 2023 16:49

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1449504

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.1	7.7
122	11.5	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135257.D
 Acq: 14 Sep 2023 16:49

Tgt Ion:264 Resp: 271212

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	21.3	17.0	25.4

