

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135626.D
 Acq On : 06 Oct 2023 13:35
 Operator : CG\JU
 Sample : 04714-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 06 13:59:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

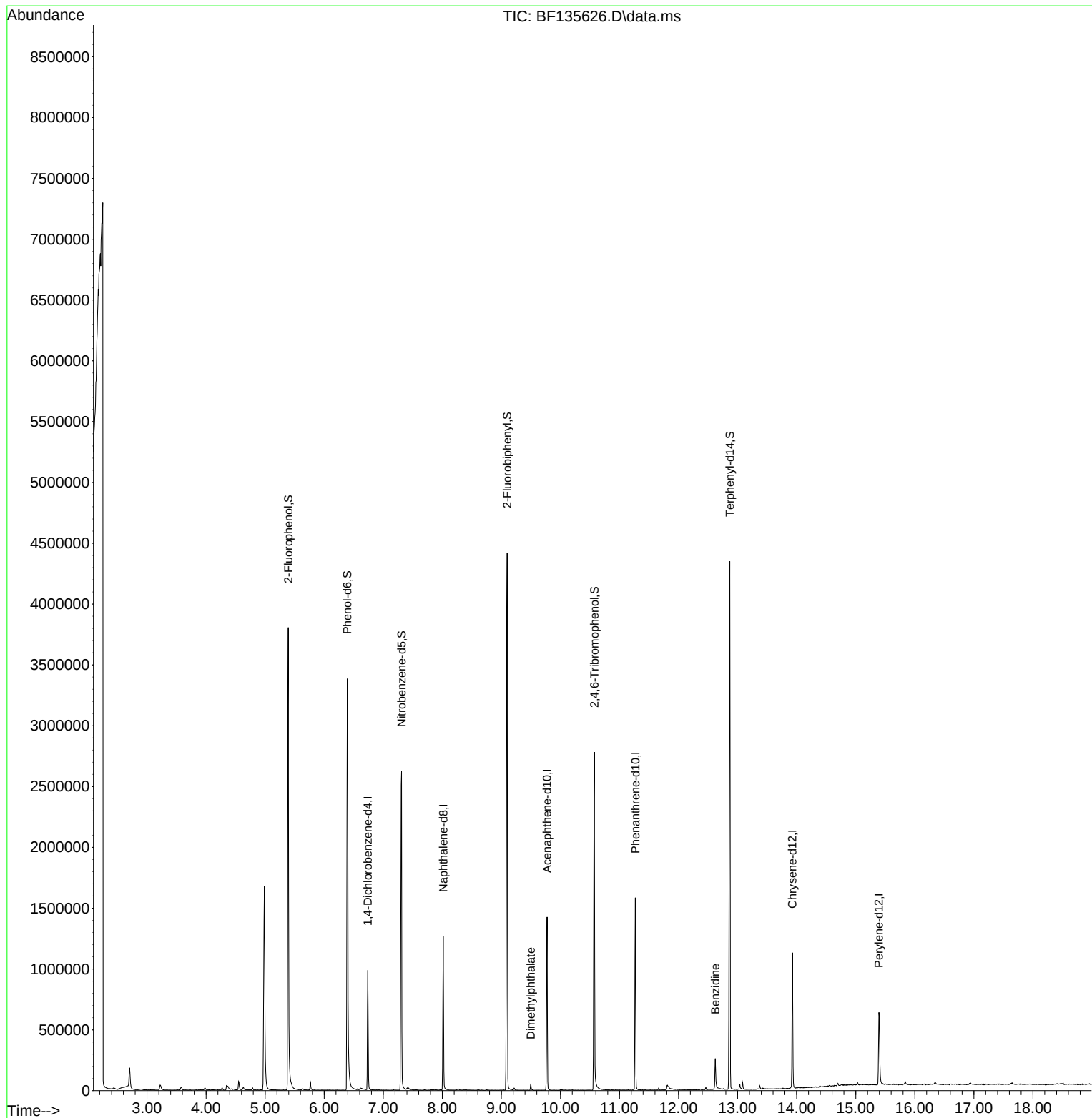
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	138720	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	548850	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	280268	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	559493	20.000	ng	0.00
76) Chrysene-d12	13.927	240	359663	20.000	ng	0.00
86) Perylene-d12	15.392	264	307112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1096489	128.560	ng	0.02
7) Phenol-d6	6.392	99	1332498	122.866	ng	0.00
23) Nitrobenzene-d5	7.310	82	931237	92.181	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	364346	130.816	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1558100	83.875	ng	0.00
79) Terphenyl-d14	12.868	244	1716459	73.981	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.498	163	21591	1.139	ng	98
77) Benzidine	12.621	184	116388	15.796	ng	99

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

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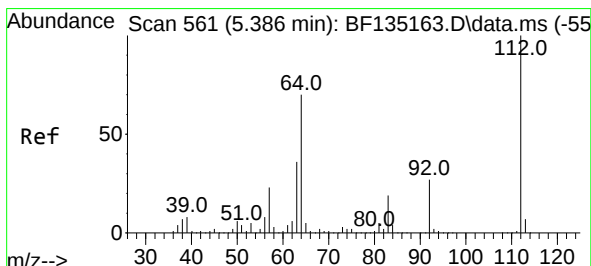
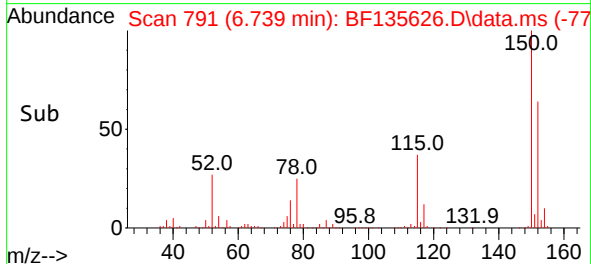
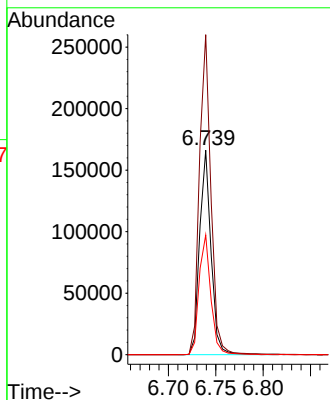
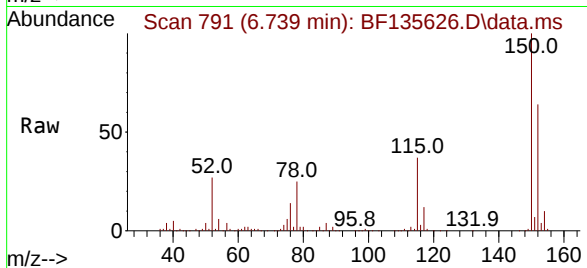




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

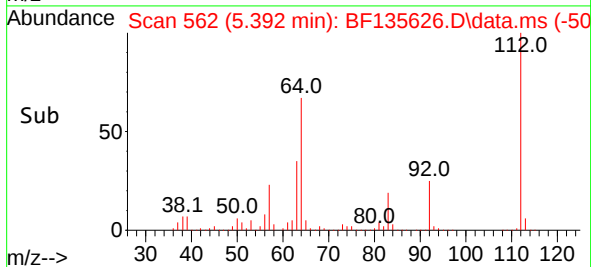
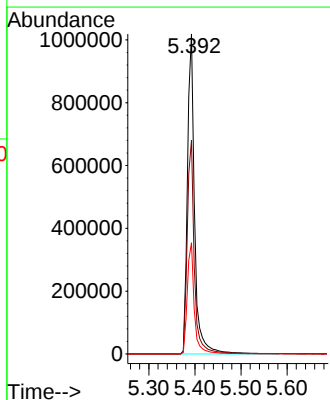
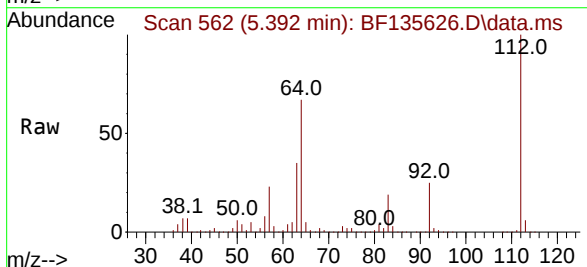
Instrument :
BNA_F
ClientSampleId :
TP-1

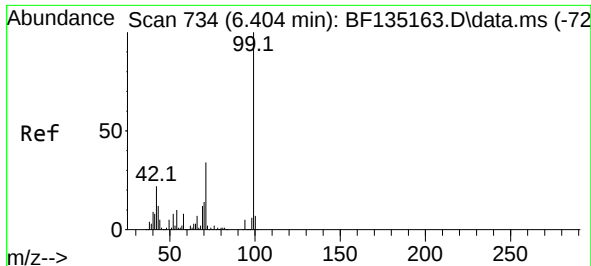
Tgt Ion:152 Resp: 138720
Ion Ratio Lower Upper
152 100
150 156.4 127.8 191.6
115 58.5 49.8 74.8



#5
2-Fluorophenol
Concen: 128.560 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.024 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

Tgt Ion:112 Resp: 1096489
Ion Ratio Lower Upper
112 100
64 66.8 55.9 83.9
63 34.8 29.0 43.6





#7

Phenol-d6

Concen: 122.866 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

Instrument :

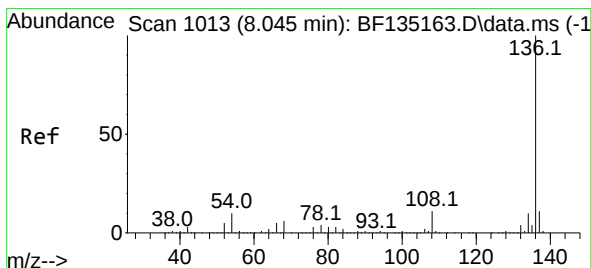
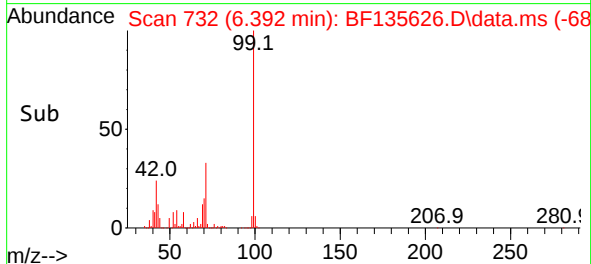
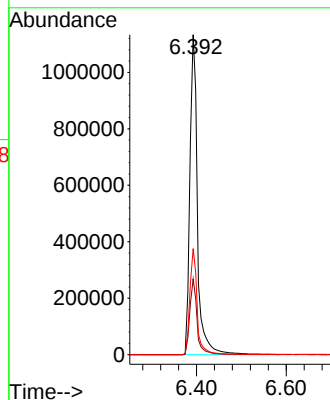
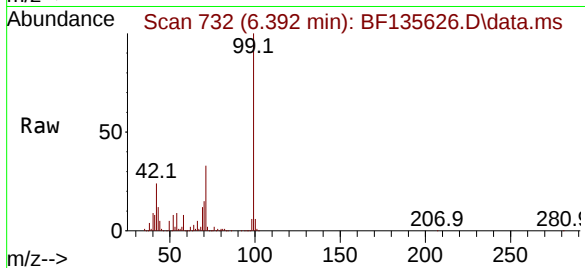
BNA_F

ClientSampleId :

TP-1

Tgt Ion: 99 Resp: 1332498

Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.9	26.9
71	33.2	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

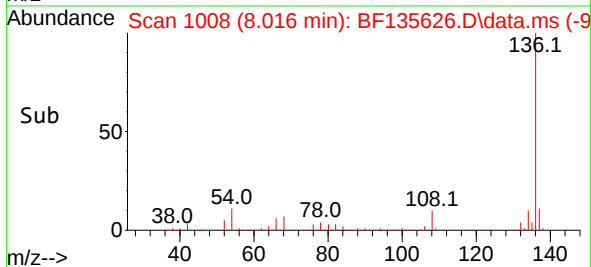
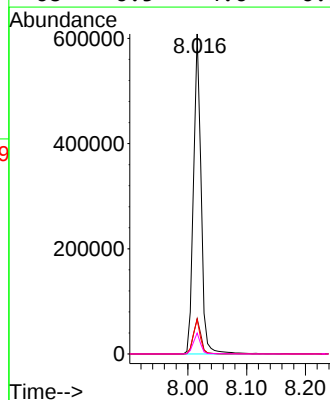
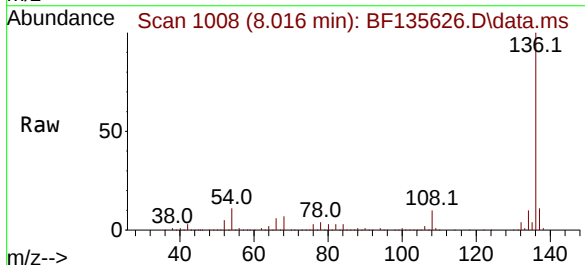
Delta R.T. -0.000 min

Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

Tgt Ion: 136 Resp: 548850

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.7	7.7	11.5
68	6.5	4.6	6.8





#23

Nitrobenzene-d5

Concen: 92.181 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

Instrument :

BNA_F

ClientSampleId :

TP-1

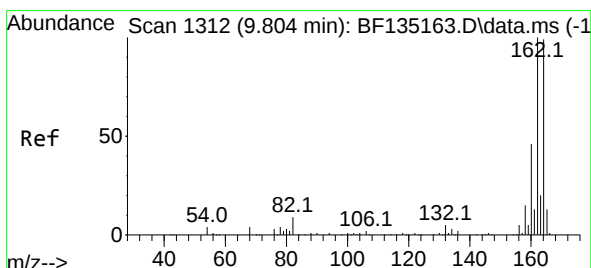
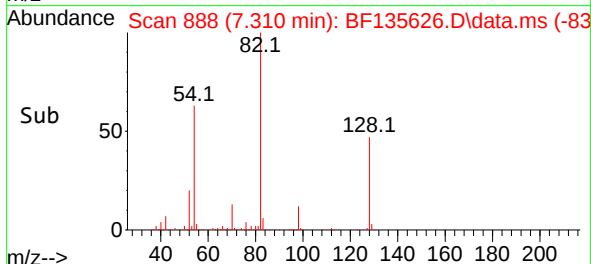
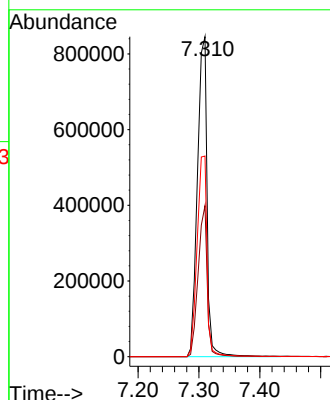
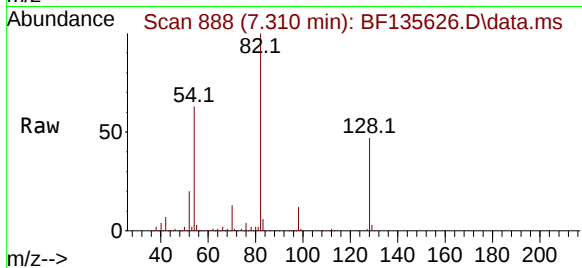
Tgt Ion: 82 Resp: 931237

Ion Ratio Lower Upper

82 100

128 47.2 35.8 53.6

54 62.7 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

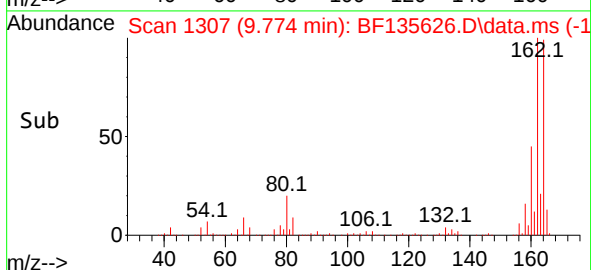
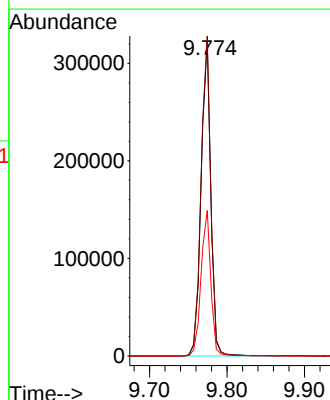
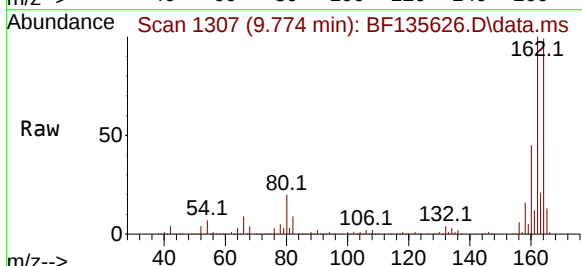
Tgt Ion: 164 Resp: 280268

Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.4

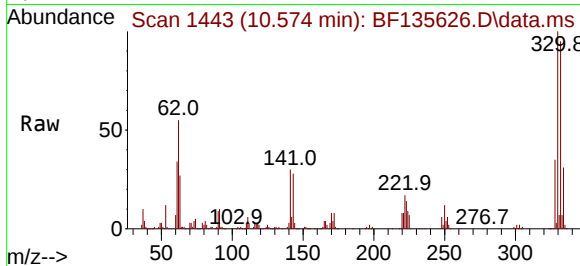
160 46.1 37.0 55.4



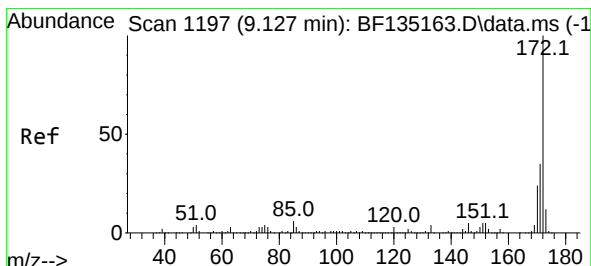
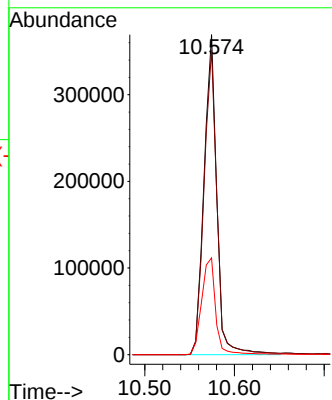
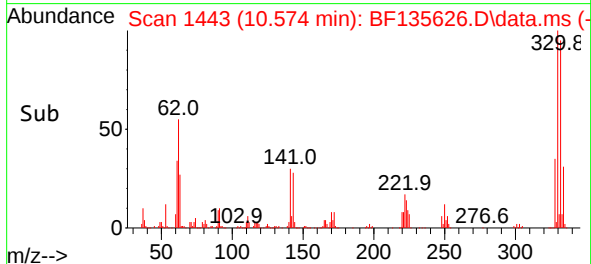


#42
 2,4,6-Tribromophenol
 Concen: 130.816 ng
 RT: 10.574 min Scan# 1443
 Delta R.T. 0.006 min
 Lab File: BF135626.D
 Acq: 06 Oct 2023 13:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

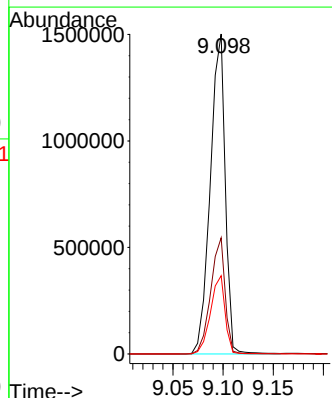
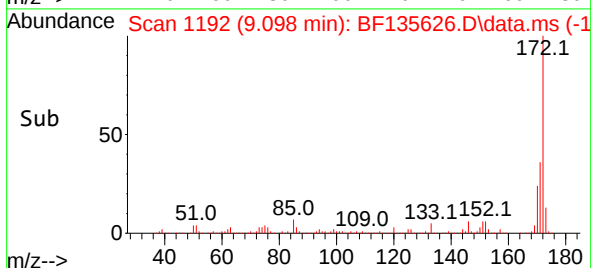
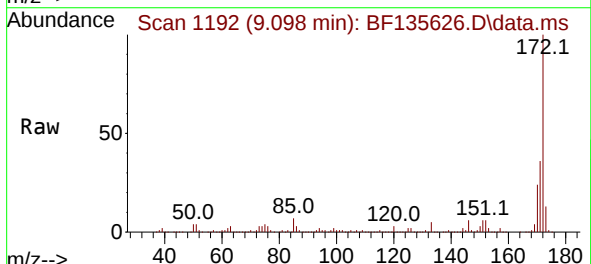


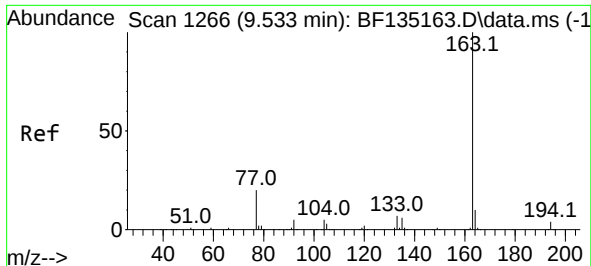
Tgt Ion:330 Resp: 364346
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 33.5 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 83.875 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: BF135626.D
 Acq: 06 Oct 2023 13:35

Tgt Ion:172 Resp: 1558100
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.4 42.6
 170 24.5 19.0 28.4

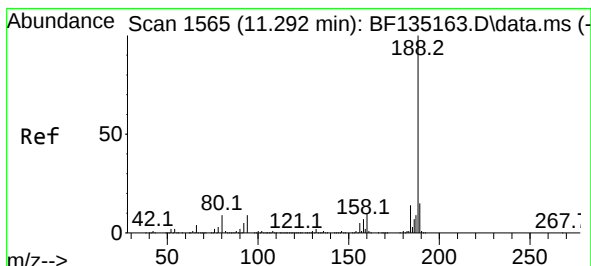
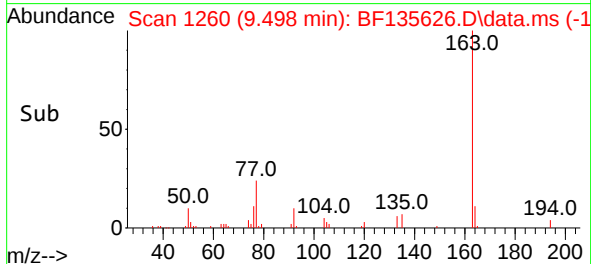
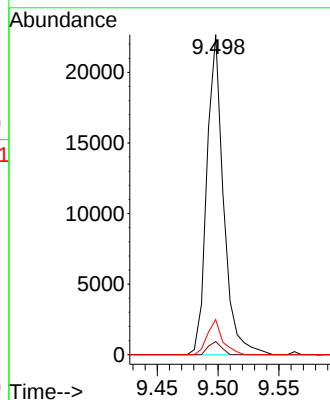
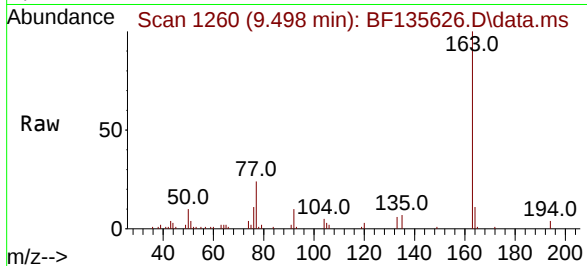




#50
Dimethylphthalate
Concen: 1.139 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

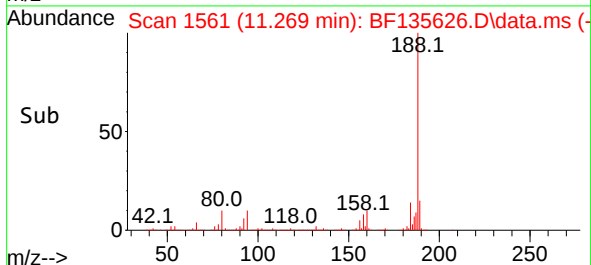
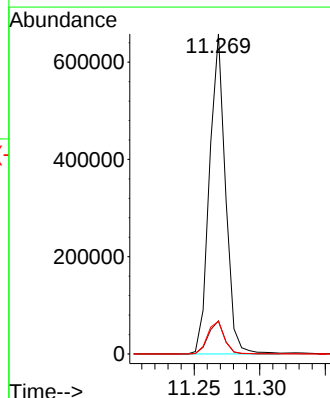
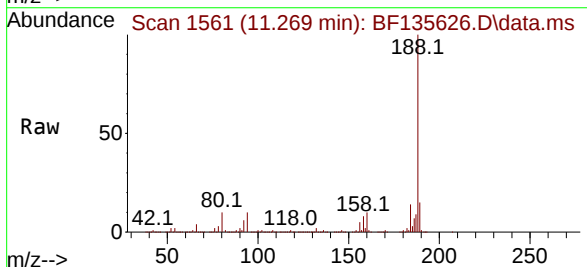
Instrument :
BNA_F
ClientSampleId :
TP-1

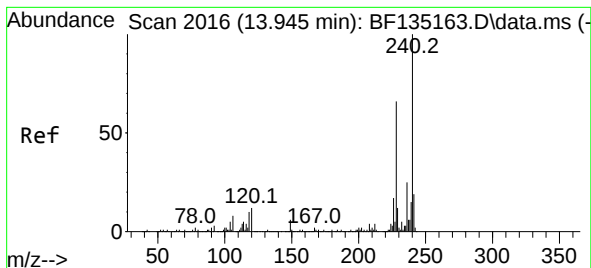
Tgt Ion:163 Resp: 21591
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.9 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

Tgt Ion:188 Resp: 559493
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.2 7.5 11.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

Instrument :

BNA_F

ClientSampleId :

TP-1

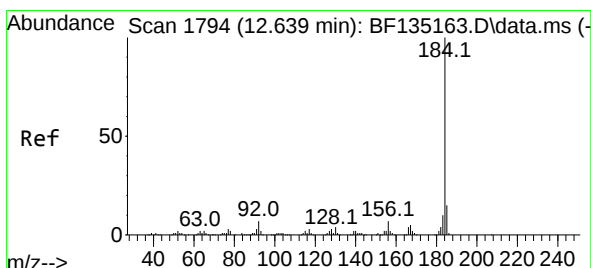
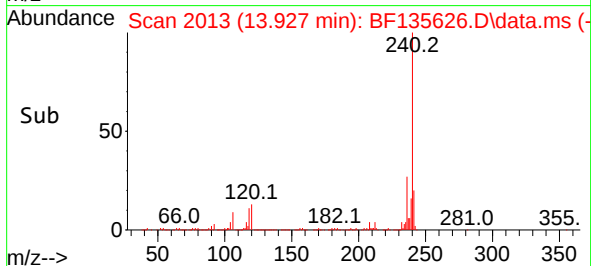
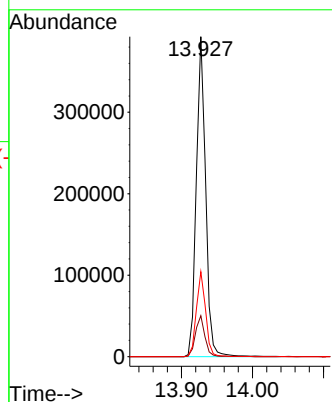
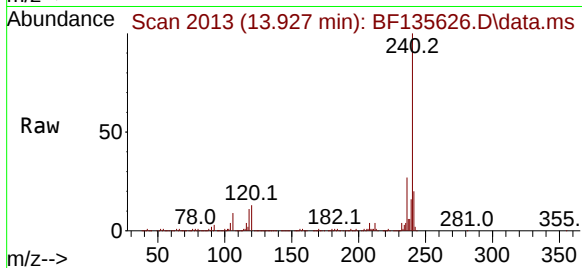
Tgt Ion:240 Resp: 359663

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

236 26.6 19.8 29.8



#77

Benzidine

Concen: 15.796 ng

RT: 12.621 min Scan# 1791

Delta R.T. 0.006 min

Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

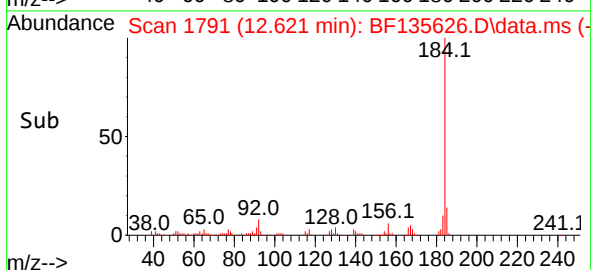
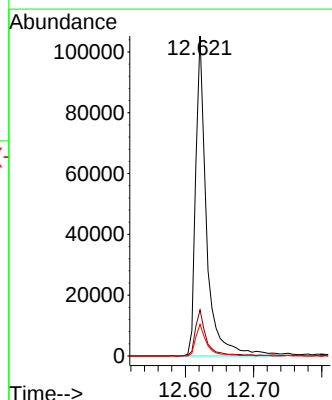
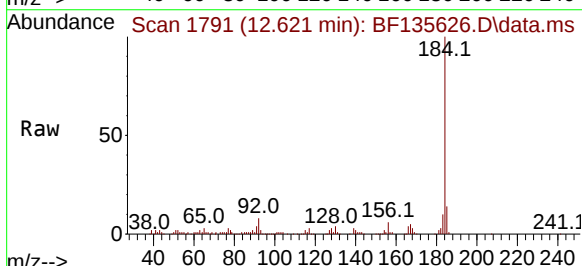
Tgt Ion:184 Resp: 116388

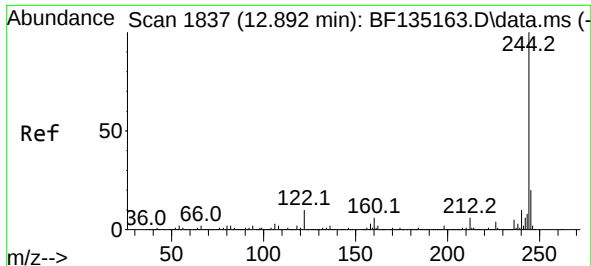
Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

183 9.9 8.2 12.4

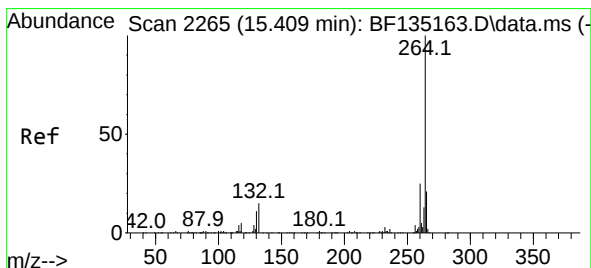
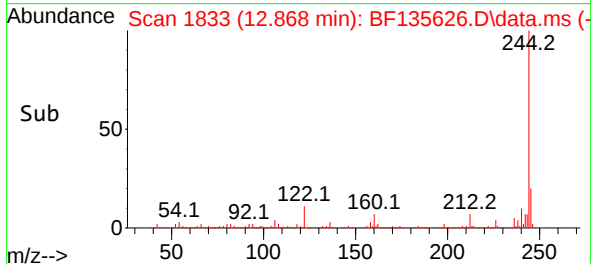
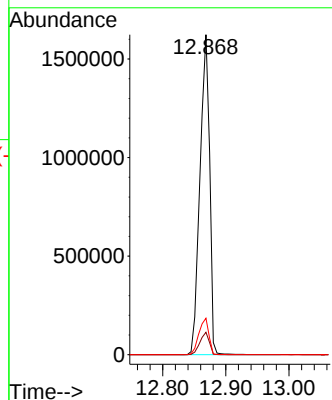
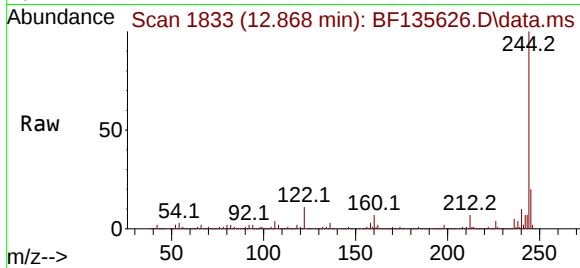




#79
 Terphenyl-d14
 Concen: 73.981 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135626.D
 Acq: 06 Oct 2023 13:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1716459
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF135626.D
 Acq: 06 Oct 2023 13:35

Tgt Ion:264 Resp: 307112
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.6 17.0 25.4

