

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135424.D
 Acq On : 25 Sep 2023 13:42
 Operator : CG\JU
 Sample : PB155763BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155763BL

Quant Time: Sep 26 01:40:43 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	174347	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	657236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	314926	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	581844	20.000	ng	0.00
76) Chrysene-d12	13.939	240	337729	20.000	ng	0.00
86) Perylene-d12	15.404	264	306077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1282764	119.666	ng	0.01
7) Phenol-d6	6.398	99	1631386	119.687	ng	0.00
23) Nitrobenzene-d5	7.316	82	1022999	84.565	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	324800	103.783	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1655994	79.334	ng	0.00
79) Terphenyl-d14	12.880	244	1569968	72.062	ng	0.00

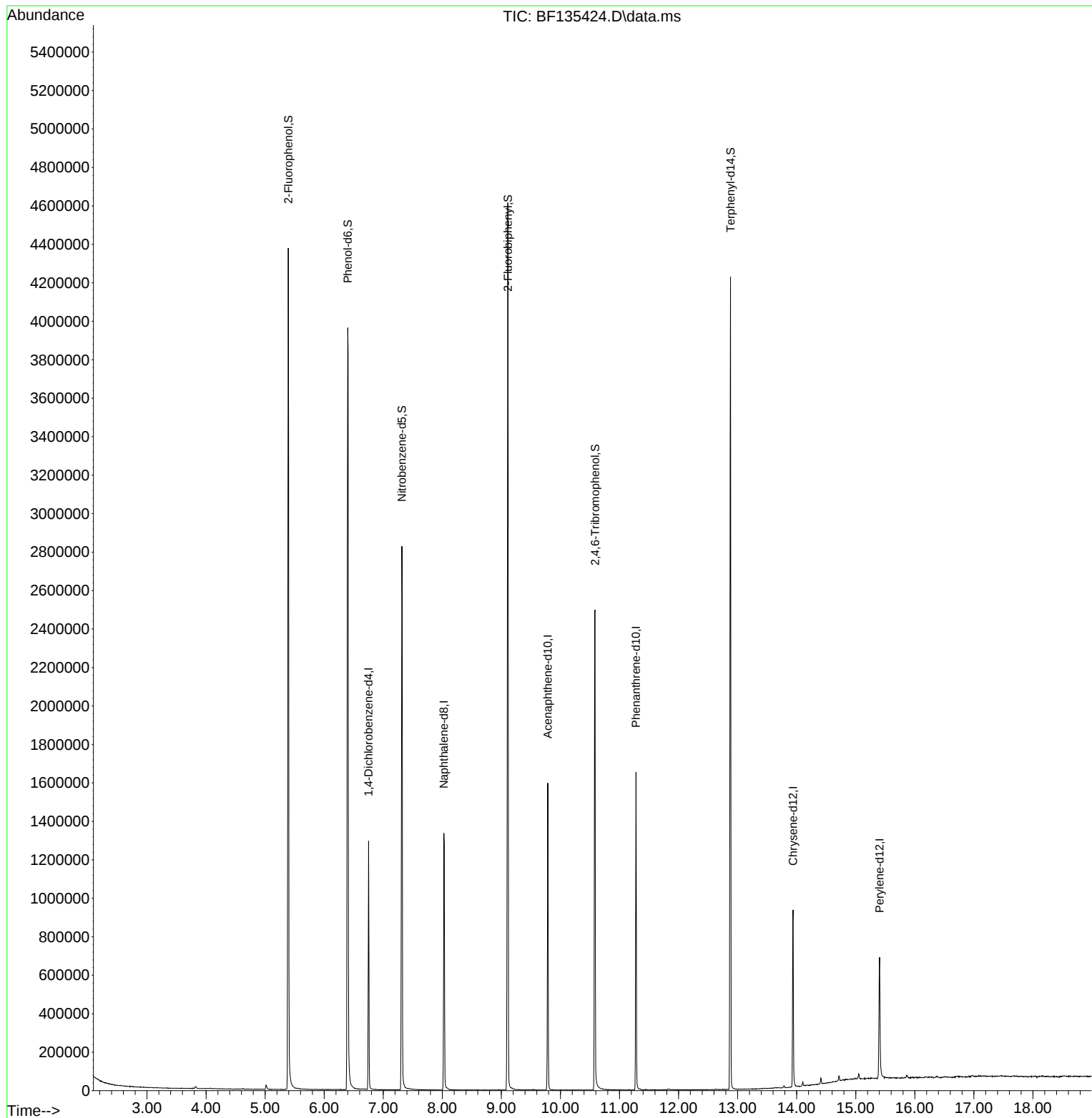
Target Compounds	Qvalue

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

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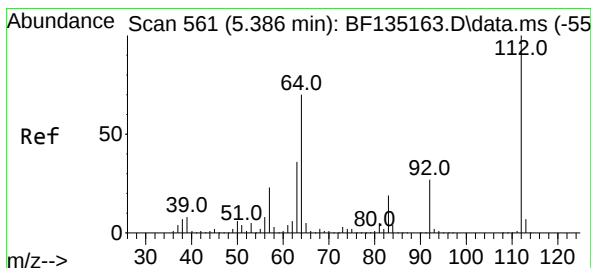
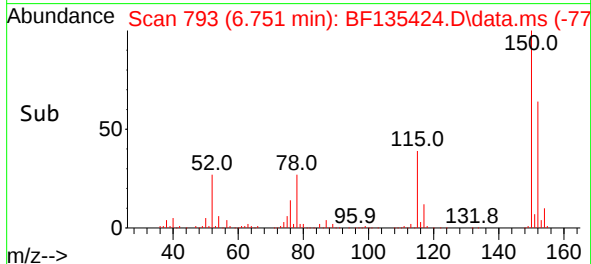
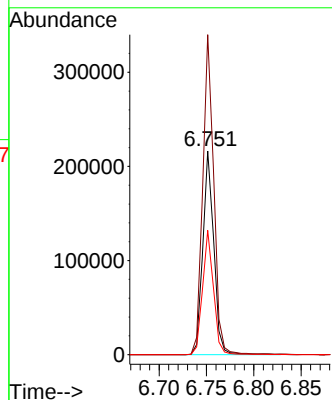
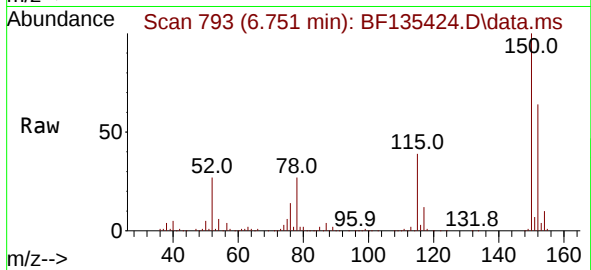




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

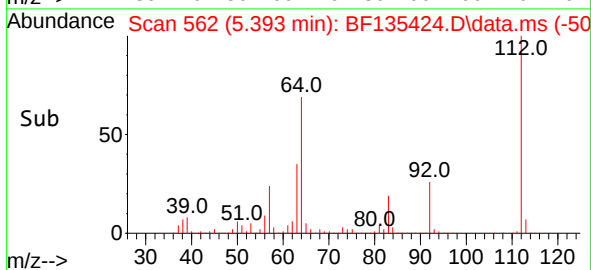
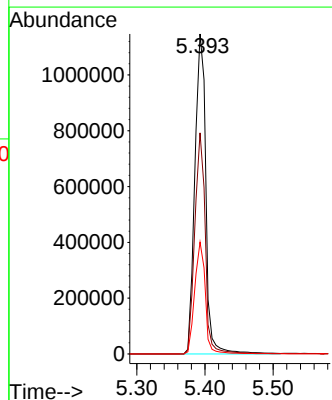
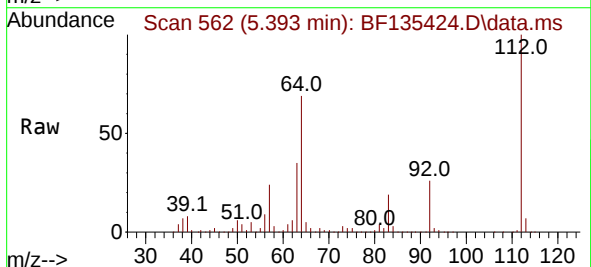
Instrument :
BNA_F
ClientSampleId :
PB155763BL

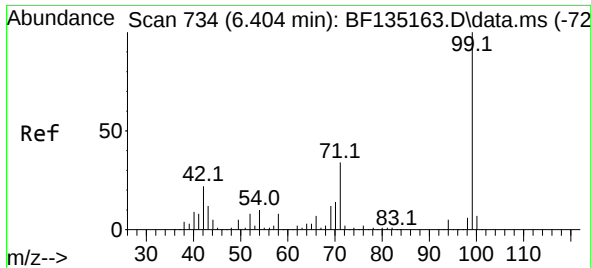
Tgt Ion:152 Resp: 174347
Ion Ratio Lower Upper
152 100
150 157.1 127.8 191.6
115 61.0 49.8 74.8



#5
2-Fluorophenol
Concen: 119.666 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

Tgt Ion:112 Resp: 1282764
Ion Ratio Lower Upper
112 100
64 69.1 55.9 83.9
63 34.9 29.0 43.6

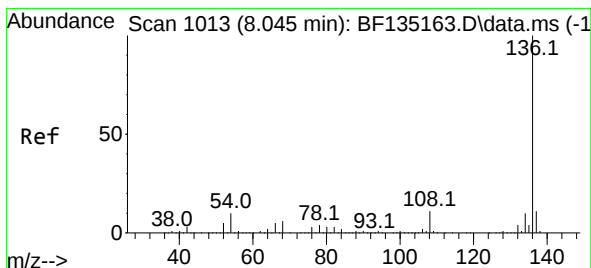
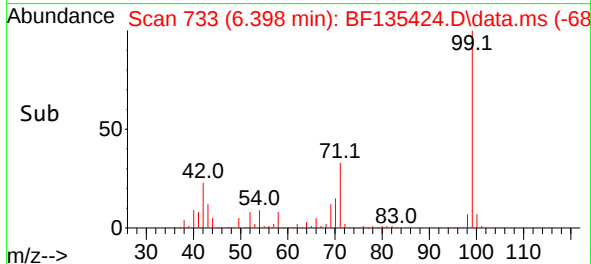
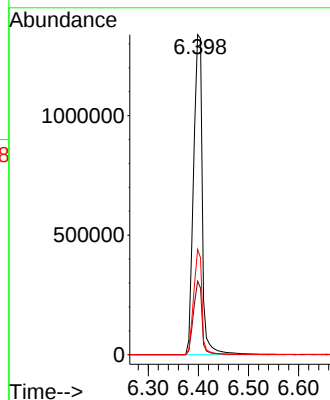
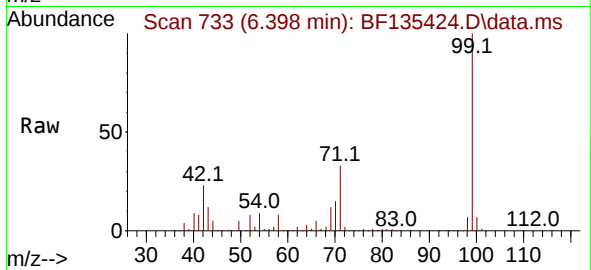




#7
Phenol-d6
Concen: 119.687 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

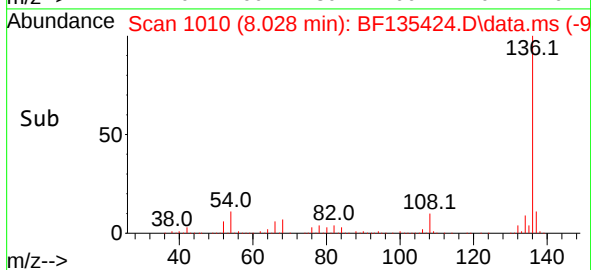
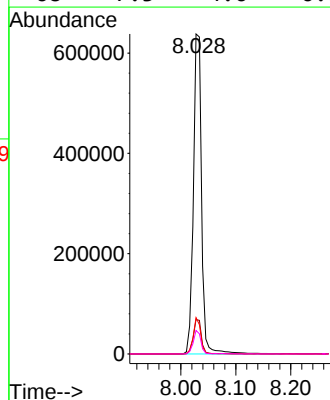
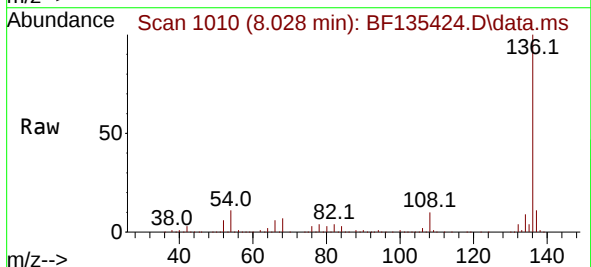
Instrument :
BNA_F
ClientSampleId :
PB155763BL

Tgt Ion: 99 Resp: 1631386
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

Tgt Ion:136 Resp: 657236
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.4 7.7 11.5
68 7.3 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 84.565 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135424.D

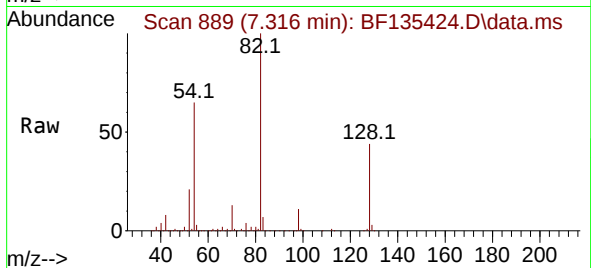
Acq: 25 Sep 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB155763BL



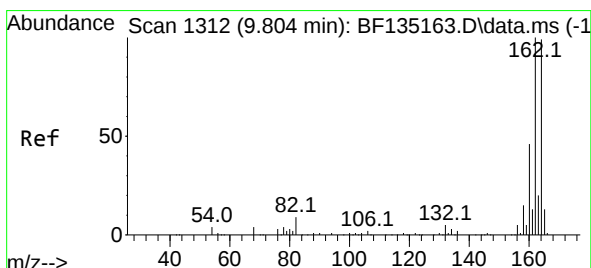
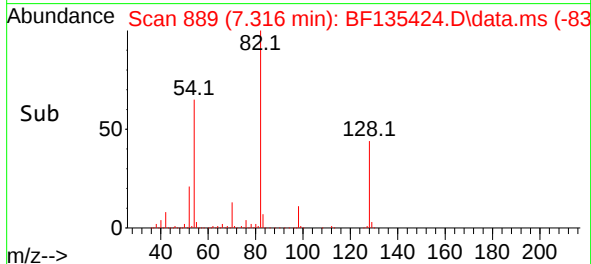
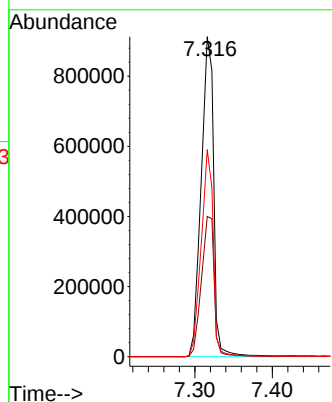
Tgt Ion: 82 Resp: 1022999

Ion Ratio Lower Upper

82 100

128 43.8 35.8 53.6

54 64.7 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: BF135424.D

Acq: 25 Sep 2023 13:42

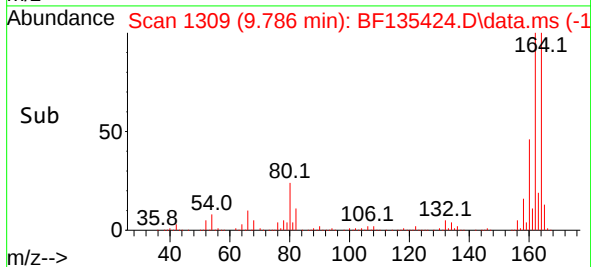
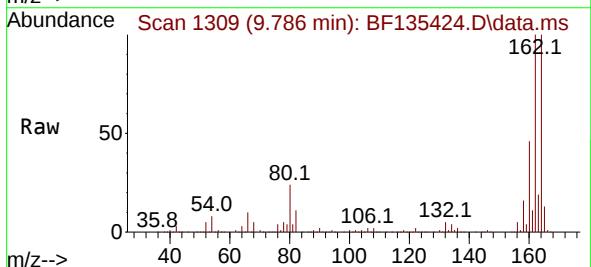
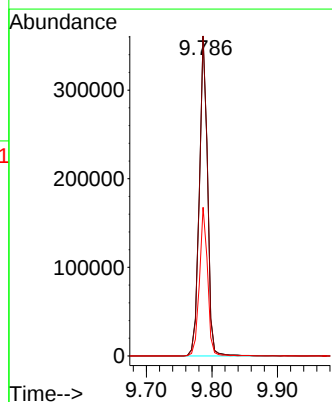
Tgt Ion: 164 Resp: 314926

Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.4

160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 103.783 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF135424.D

Acq: 25 Sep 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB155763BL

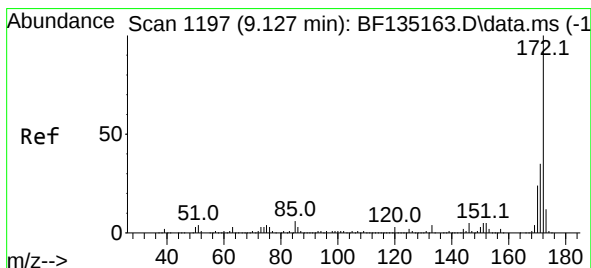
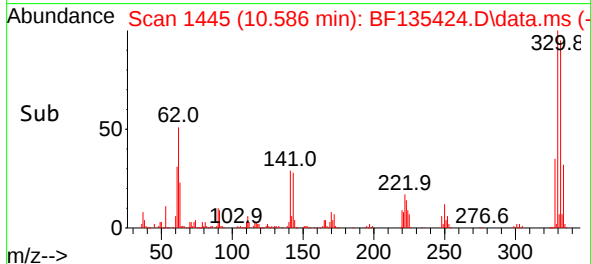
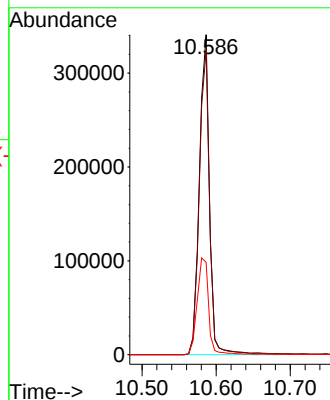
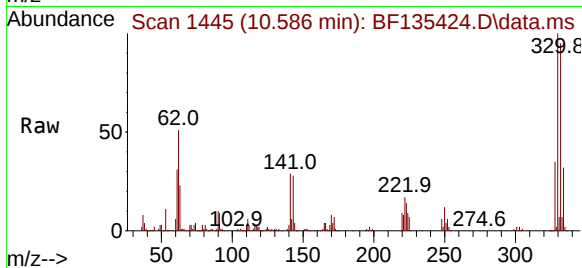
Tgt Ion:330 Resp: 324800

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 34.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 79.334 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135424.D

Acq: 25 Sep 2023 13:42

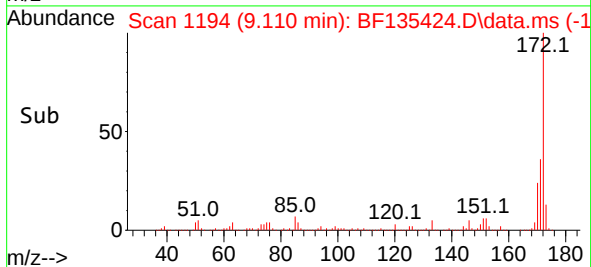
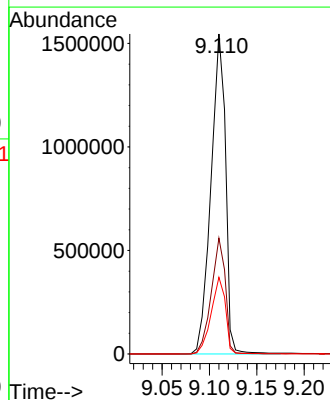
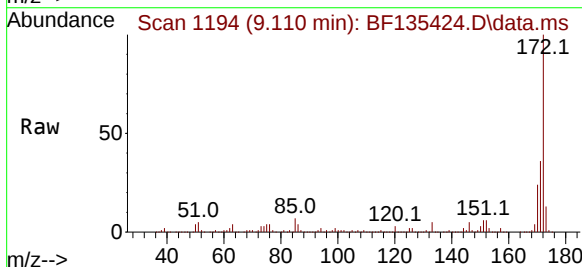
Tgt Ion:172 Resp: 1655994

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135424.D

Acq: 25 Sep 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB155763BL

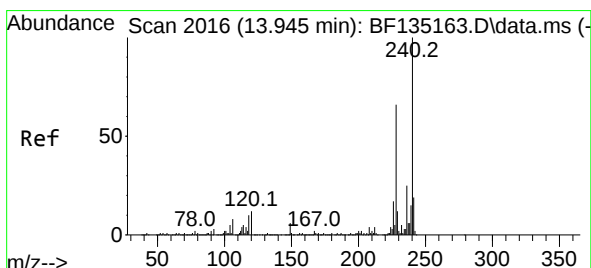
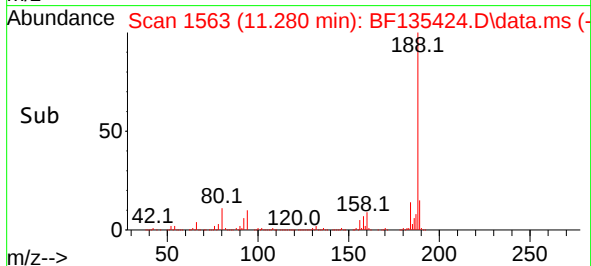
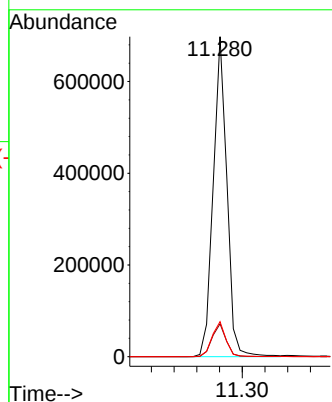
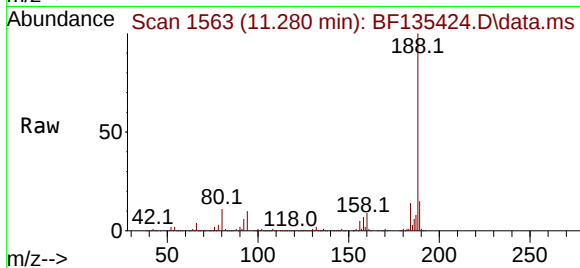
Tgt Ion:188 Resp: 581844

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 11.0 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: BF135424.D

Acq: 25 Sep 2023 13:42

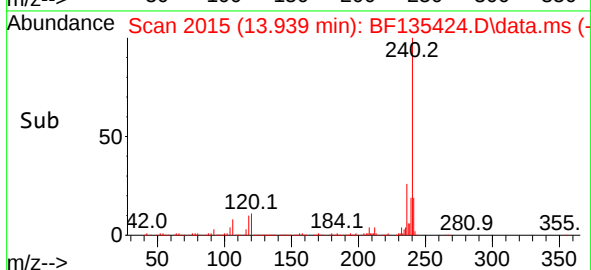
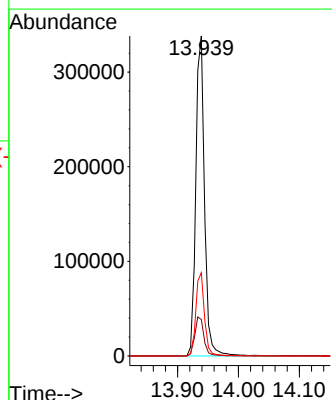
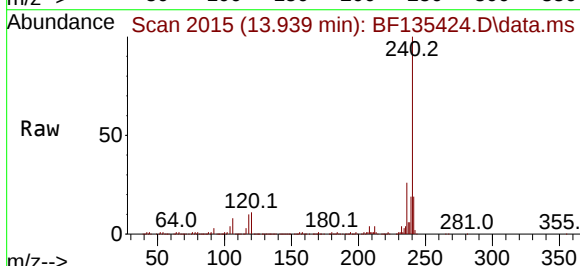
Tgt Ion:240 Resp: 337729

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

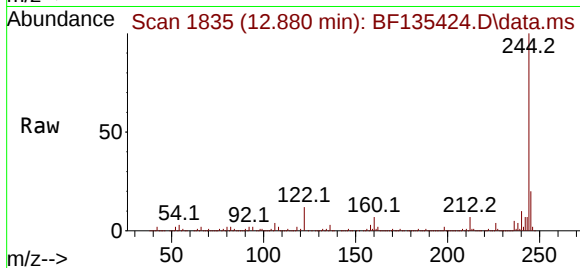
236 26.0 19.8 29.8





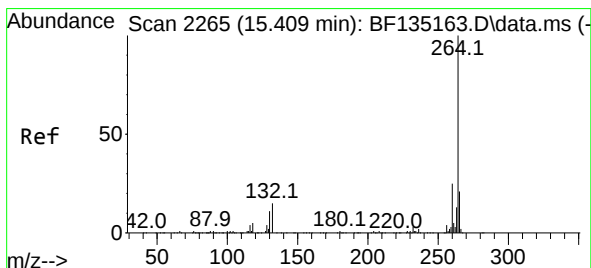
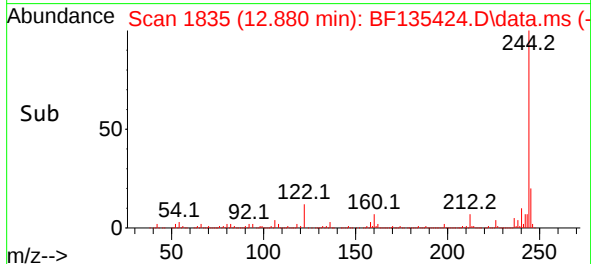
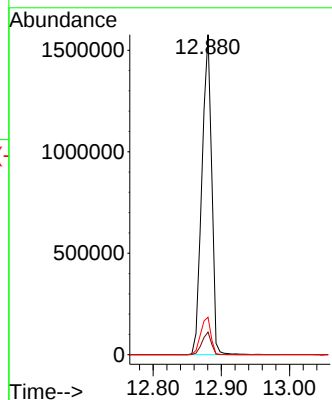
#79
 Terphenyl-d14
 Concen: 72.062 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135424.D
 Acq: 25 Sep 2023 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB155763BL



Tgt Ion:244 Resp: 1569968

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.1	7.7
122	11.7	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.000 min
 Lab File: BF135424.D
 Acq: 25 Sep 2023 13:42

Tgt Ion:264 Resp: 306077

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.8	29.6
265	22.7	17.0	25.4

