

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135484.D
 Acq On : 27 Sep 2023 21:08
 Operator : CG\JU
 Sample : 04597-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 340

Quant Time: Sep 28 01:54:28 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	181252	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	679300	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	310137	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	518924	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	280544	20.000	ng	0.00
86) Perylene-d12	15.410	264	371958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1121970	100.679	ng	0.01
7) Phenol-d6	6.404	99	1395576	98.486	ng	0.00
23) Nitrobenzene-d5	7.322	82	890161	71.194	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	262101	85.042	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1431997	69.662	ng	0.00
79) Terphenyl-d14	12.880	244	1070618	59.159	ng	0.00

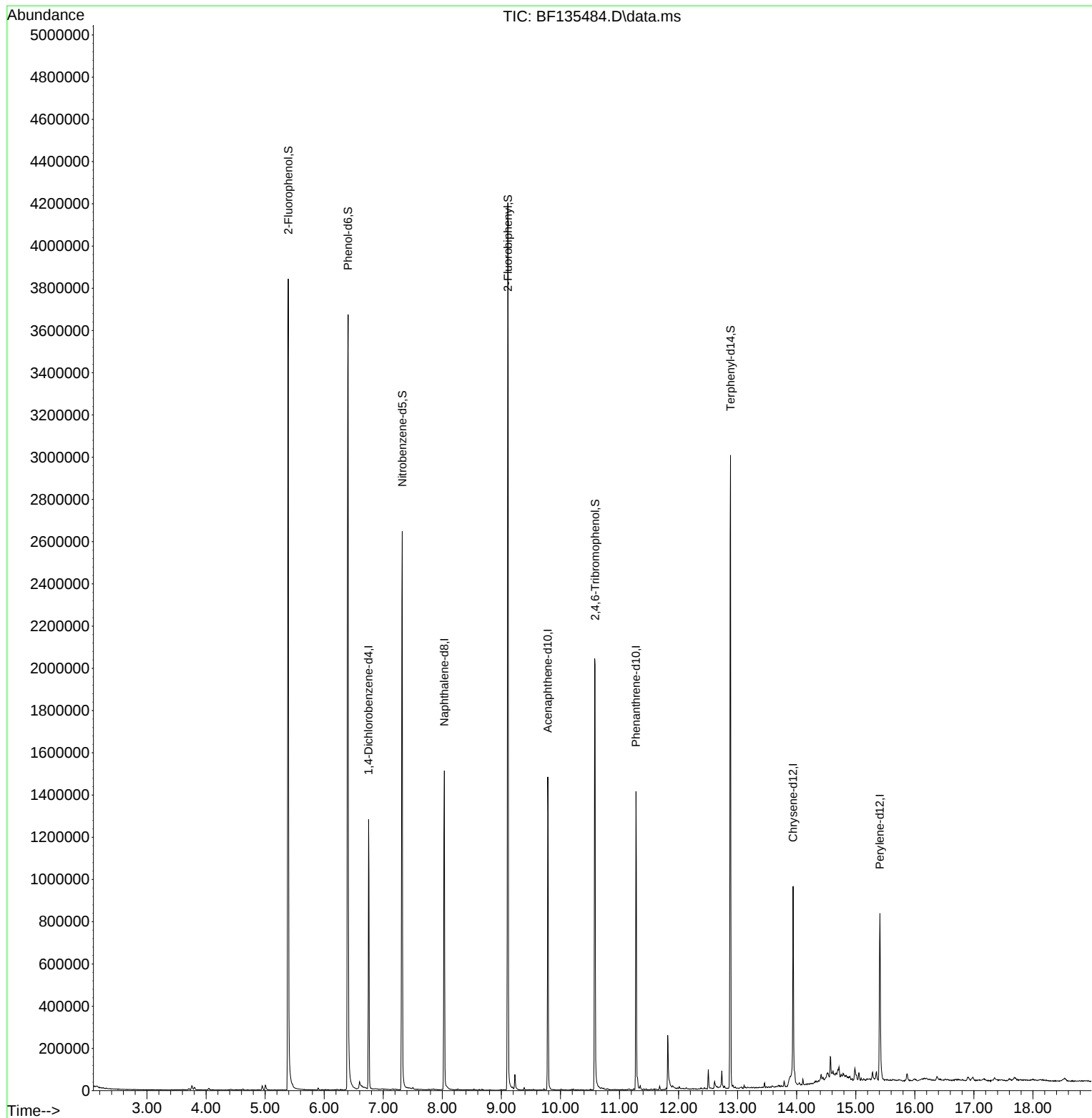
Target Compounds	Qvalue

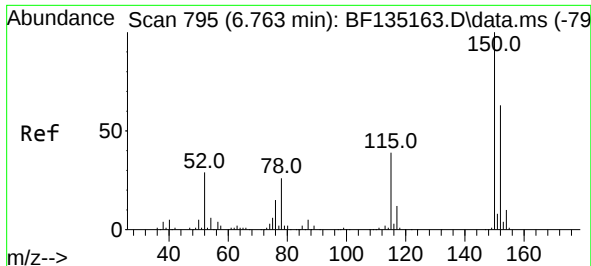
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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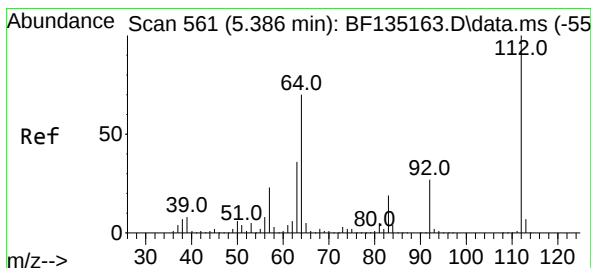
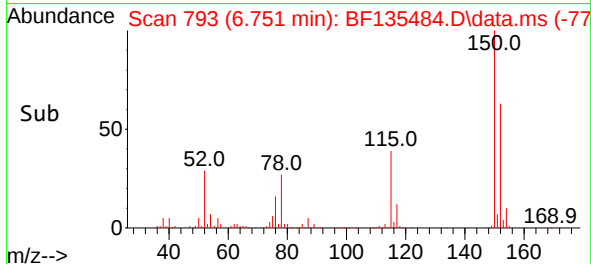
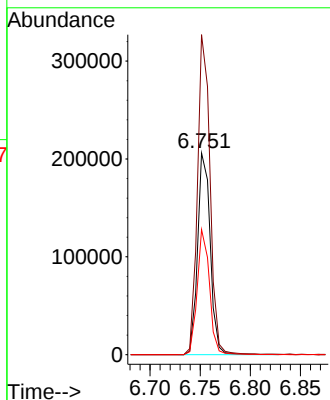
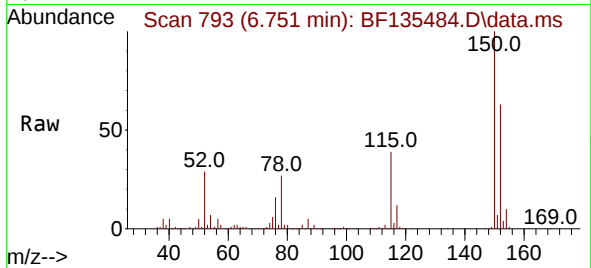




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

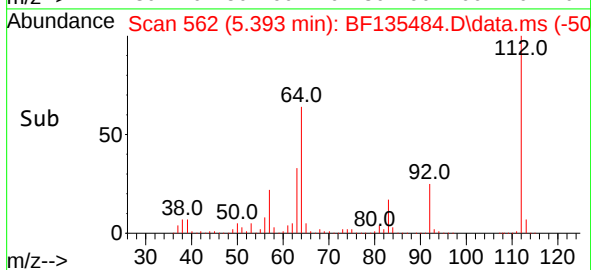
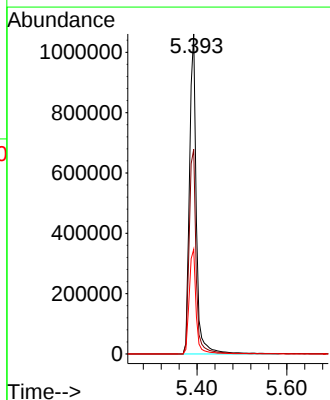
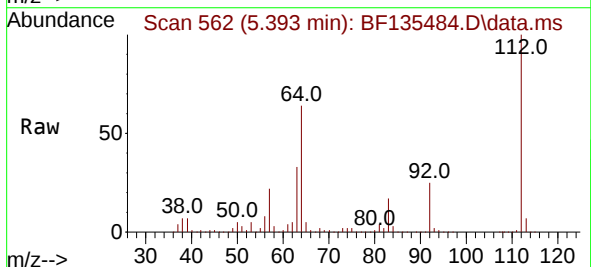
Instrument :
BNA_F
ClientSampleId :
340

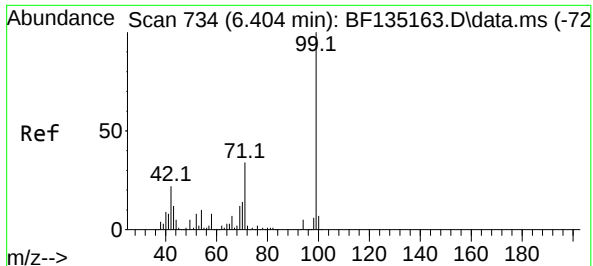
Tgt Ion:152 Resp: 181252
Ion Ratio Lower Upper
152 100
150 158.7 127.8 191.6
115 62.1 49.8 74.8



#5
2-Fluorophenol
Concen: 100.679 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

Tgt Ion:112 Resp: 1121970
Ion Ratio Lower Upper
112 100
64 64.0 55.9 83.9
63 32.7 29.0 43.6

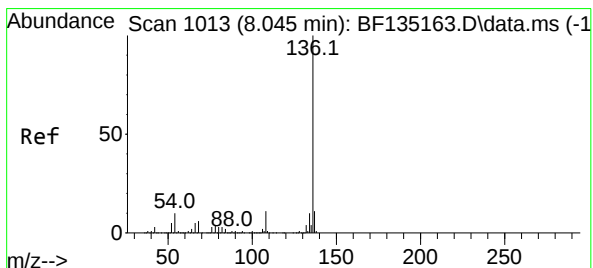
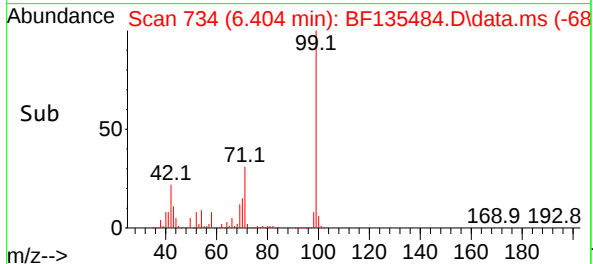
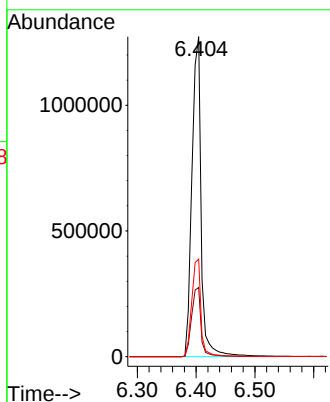
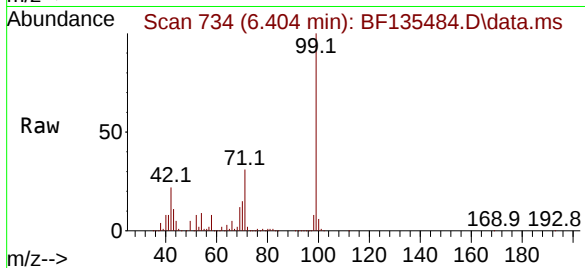




#7
Phenol-d6
Concen: 98.486 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

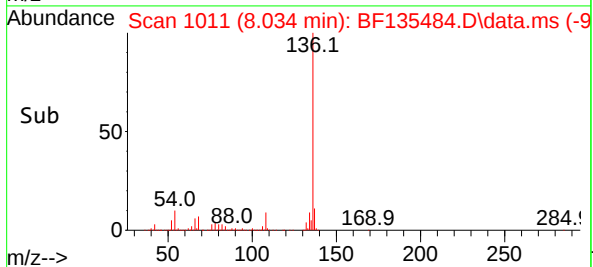
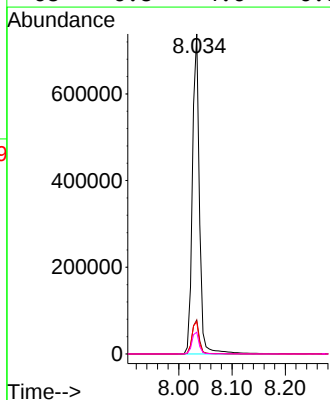
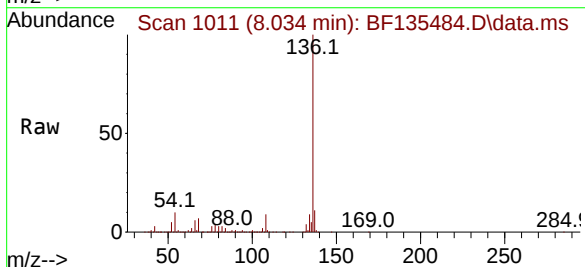
Instrument :
BNA_F
ClientSampleId :
340

Tgt Ion: 99 Resp: 1395576
Ion Ratio Lower Upper
99 100
42 21.6 17.9 26.9
71 30.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

Tgt Ion:136 Resp: 679300
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.0 7.7 11.5
68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 71.194 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF135484.D

Acq: 27 Sep 2023 21:08

Instrument :

BNA_F

ClientSampleId :

340

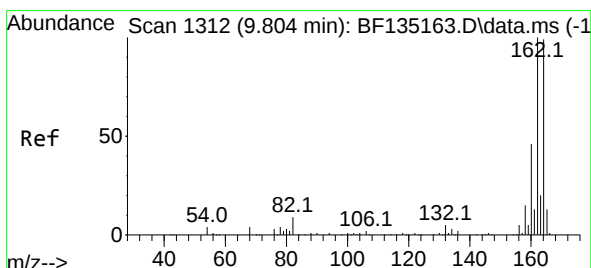
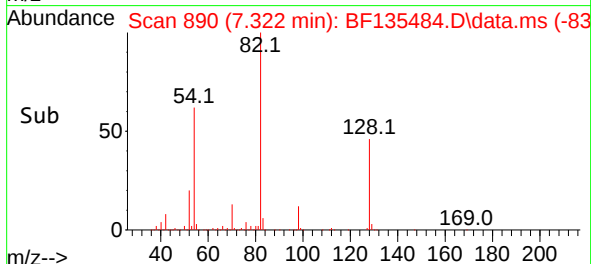
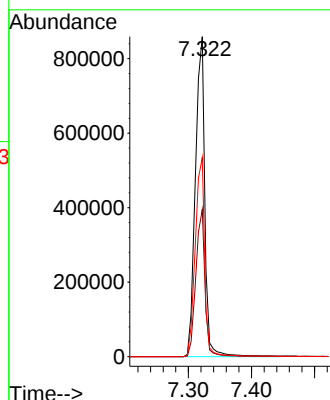
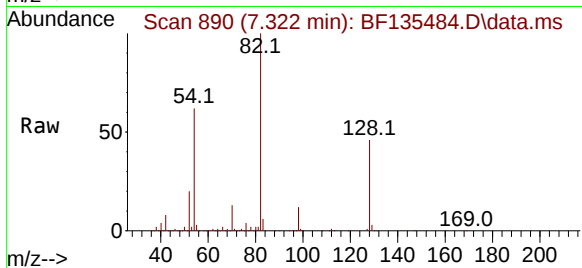
Tgt Ion: 82 Resp: 890161

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.6

54 62.2 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: BF135484.D

Acq: 27 Sep 2023 21:08

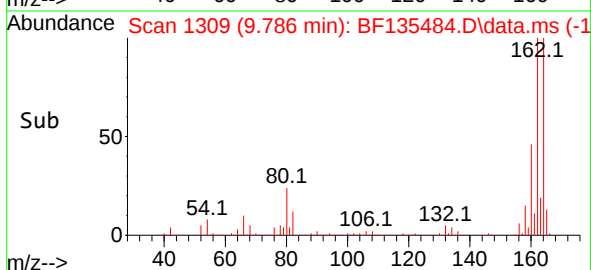
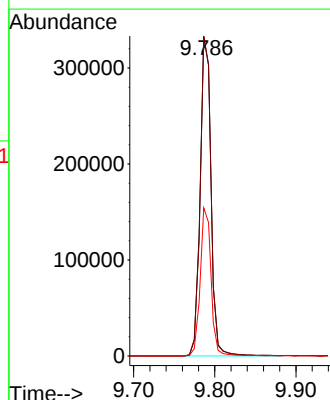
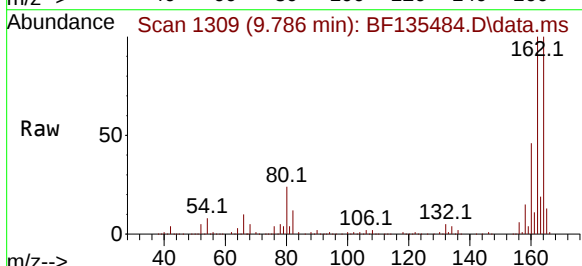
Tgt Ion:164 Resp: 310137

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 85.042 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF135484.D

Acq: 27 Sep 2023 21:08

Instrument :

BNA_F

ClientSampleId :

340

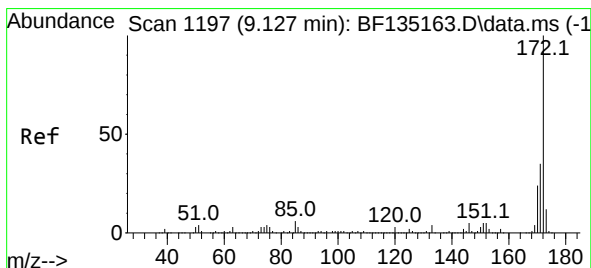
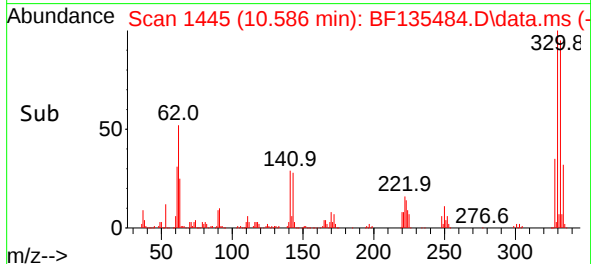
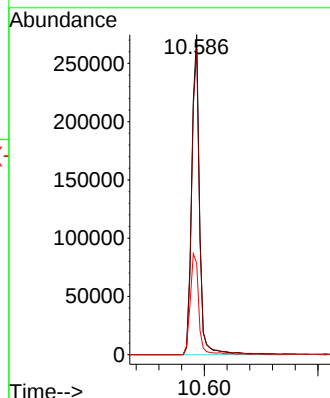
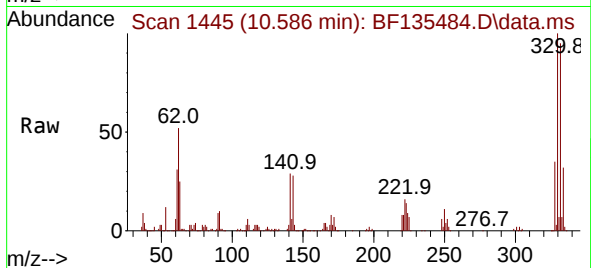
Tgt Ion:330 Resp: 262101

Ion Ratio Lower Upper

330 100

332 95.1 77.3 115.9

141 34.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 69.662 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135484.D

Acq: 27 Sep 2023 21:08

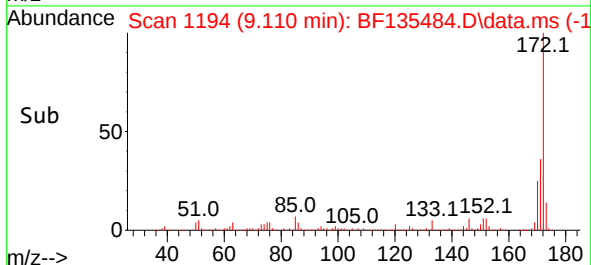
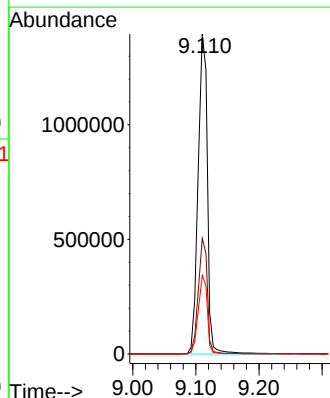
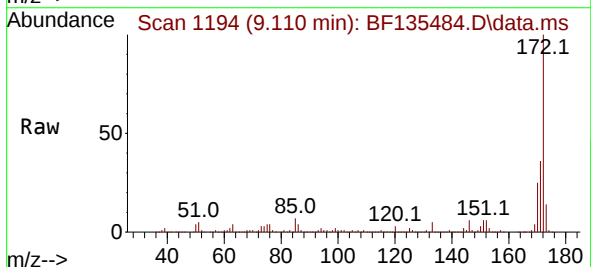
Tgt Ion:172 Resp: 1431997

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.6 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: BF135484.D

Acq: 27 Sep 2023 21:08

Instrument :

BNA_F

ClientSampleId :

340

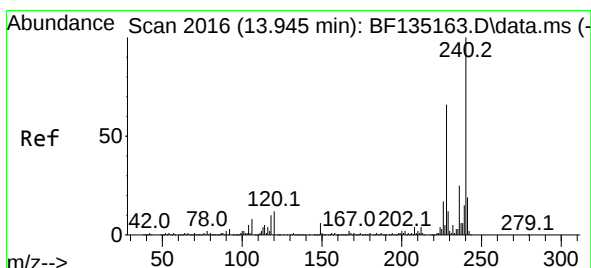
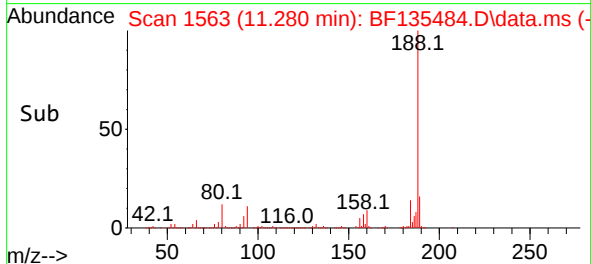
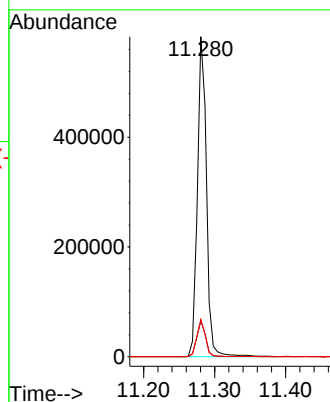
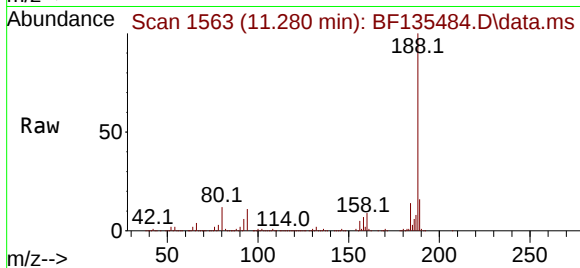
Tgt Ion:188 Resp: 518924

Ion Ratio Lower Upper

188 100

94 11.1 7.0 10.6#

80 11.7 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: BF135484.D

Acq: 27 Sep 2023 21:08

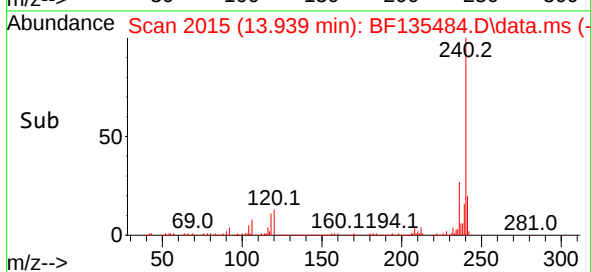
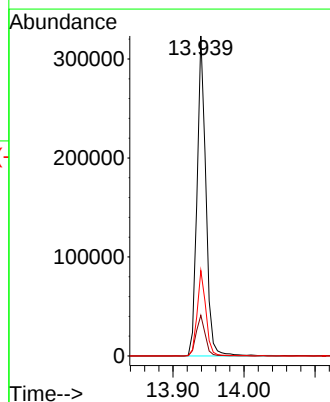
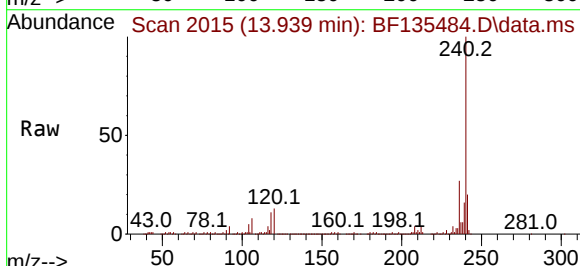
Tgt Ion:240 Resp: 280544

Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

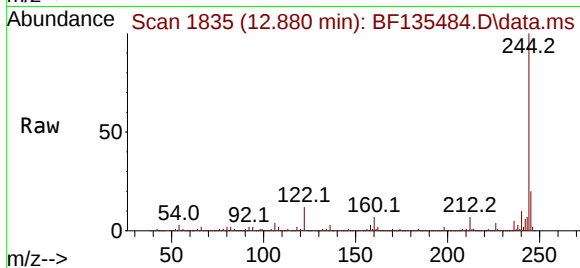
236 26.7 19.8 29.8



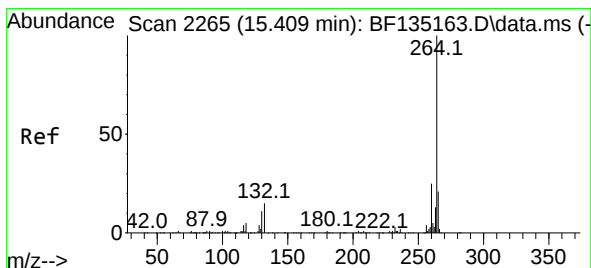
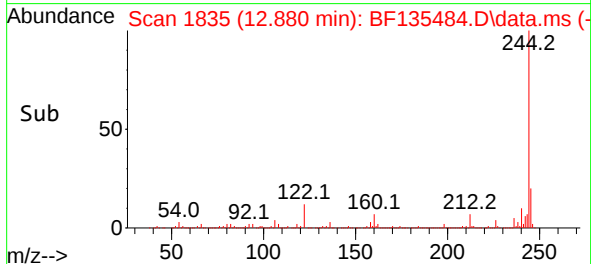
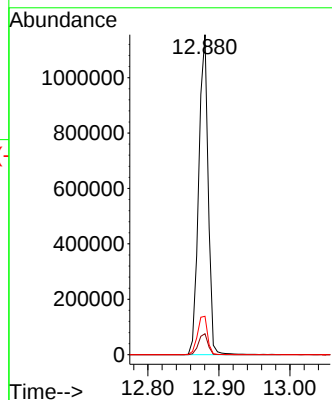


#79
 Terphenyl-d14
 Concen: 59.159 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135484.D
 Acq: 27 Sep 2023 21:08

Instrument :
 BNA_F
 ClientSampleId :
 340



Tgt Ion:244 Resp: 1070618
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.0 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135484.D
 Acq: 27 Sep 2023 21:08

Tgt Ion:264 Resp: 371958
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.5 17.0 25.4

