

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135427.D
 Acq On : 25 Sep 2023 15:15
 Operator : CG\JU
 Sample : PB155524BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155524BL

Quant Time: Sep 26 01:41:48 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	161693	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	620111	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	294273	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	535048	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	305415	20.000	ng	0.00
86) Perylene-d12	15.404	264	287774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1325267	133.307	ng	0.02
7) Phenol-d6	6.398	99	1690274	133.712	ng	0.00
23) Nitrobenzene-d5	7.316	82	1083379	94.917	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	336644	115.117	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1729031	88.646	ng	0.00
79) Terphenyl-d14	12.880	244	1615504	81.998	ng	0.00

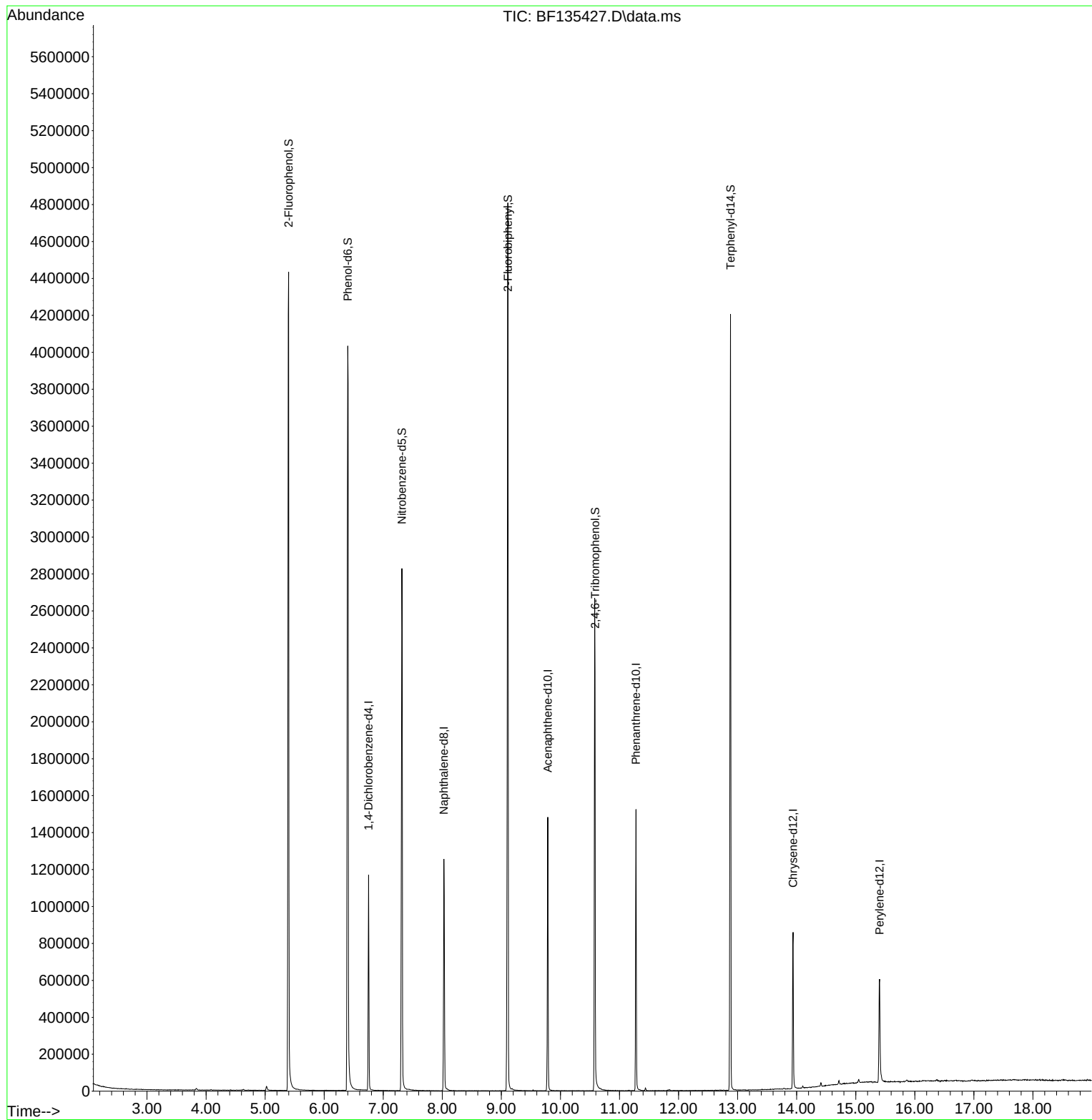
Target Compounds	Qvalue

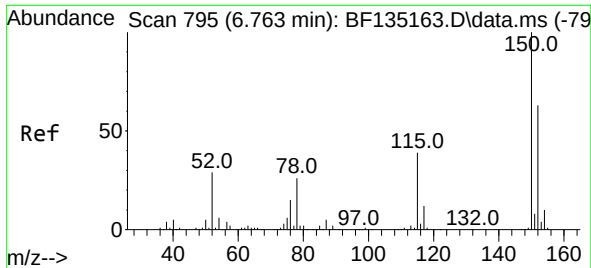
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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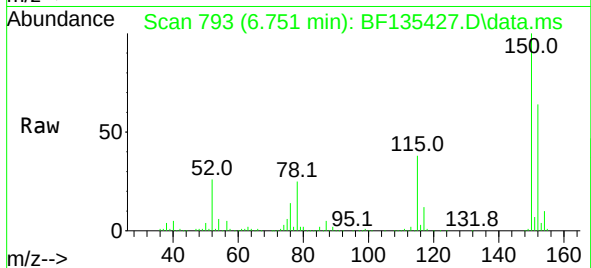
Quant Time: Sep 26 01:41:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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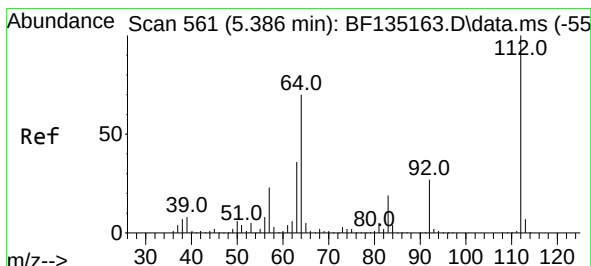
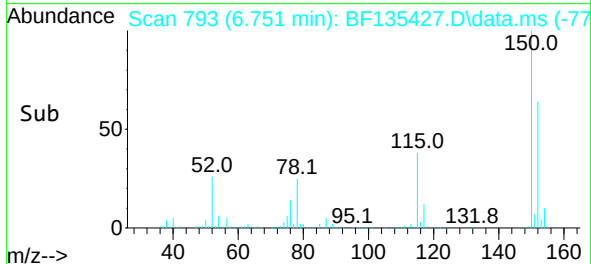
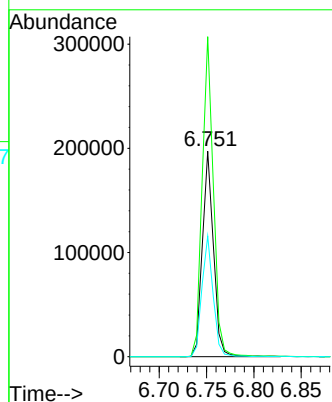


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

Instrument :
BNA_F
ClientSampleId :
PB155524BL

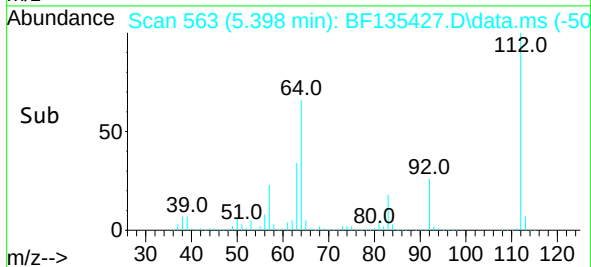
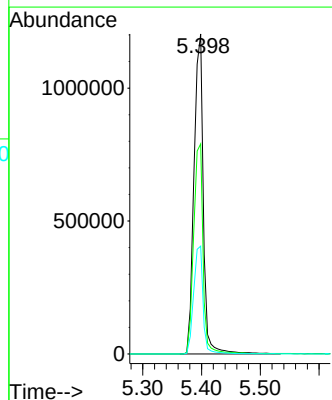
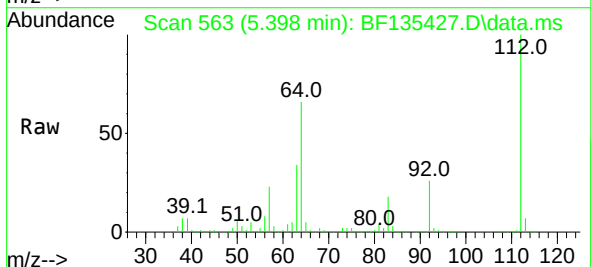


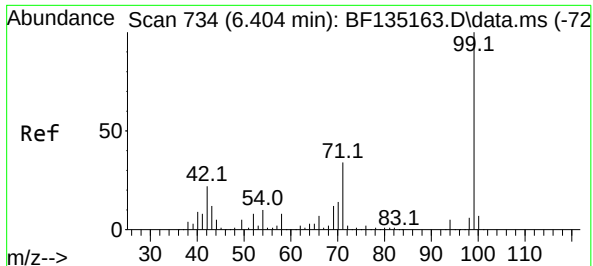
Tgt Ion:152 Resp: 161693
Ion Ratio Lower Upper
152 100
150 155.8 127.8 191.6
115 58.7 49.8 74.8



#5
2-Fluorophenol
Concen: 133.307 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

Tgt Ion:112 Resp: 1325267
Ion Ratio Lower Upper
112 100
64 65.7 55.9 83.9
63 33.7 29.0 43.6

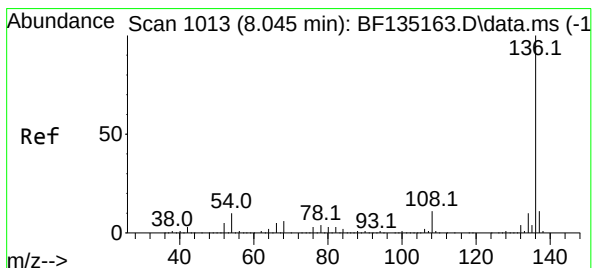
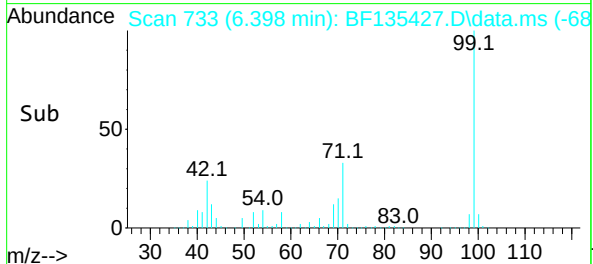
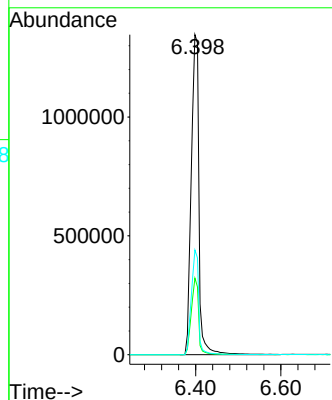
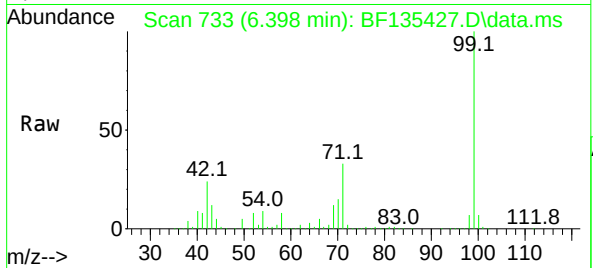




#7
Phenol-d6
Concen: 133.712 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

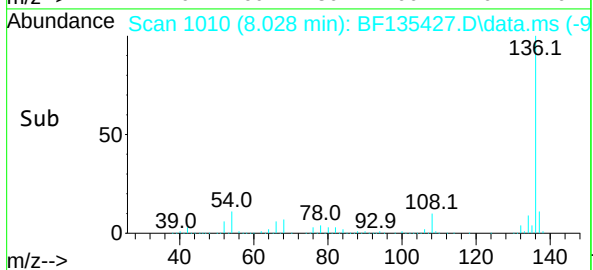
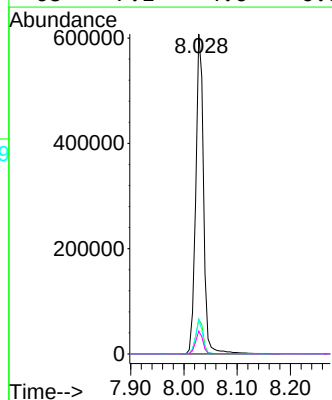
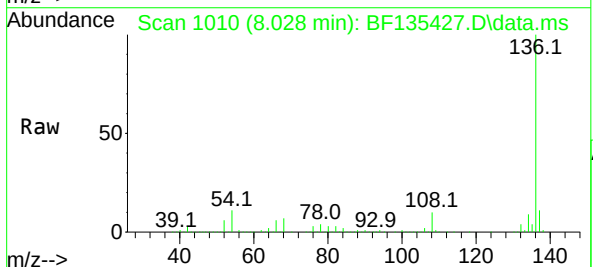
Instrument :
BNA_F
ClientSampleId :
PB155524BL

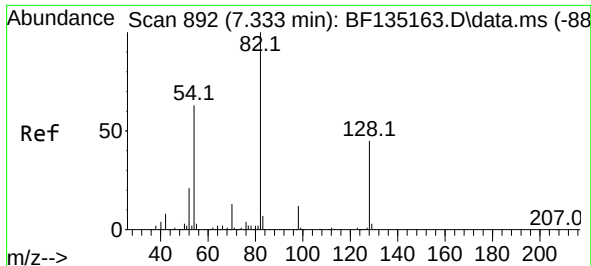
Tgt Ion: 99 Resp: 1690274
Ion Ratio Lower Upper
99 100
42 23.9 17.9 26.9
71 32.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

Tgt Ion:136 Resp: 620111
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.9 7.7 11.5
68 7.1 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 94.917 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135427.D

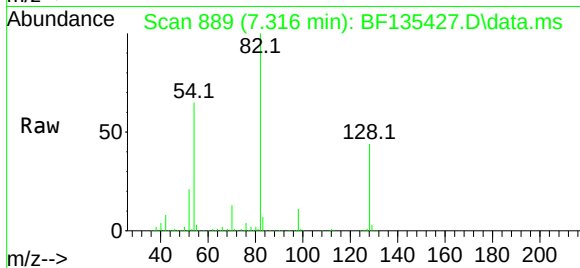
Acq: 25 Sep 2023 15:15

Instrument :

BNA_F

ClientSampleId :

PB155524BL



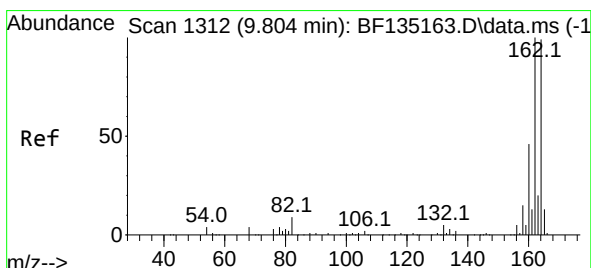
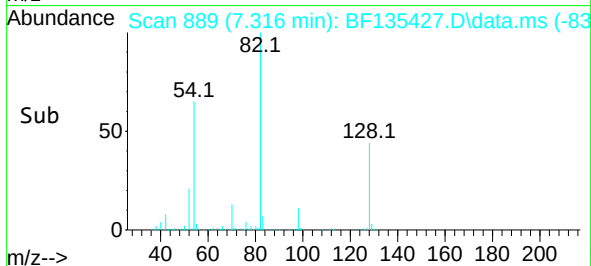
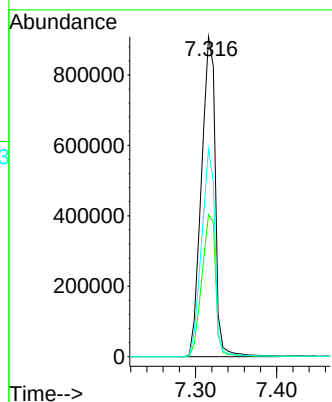
Tgt Ion: 82 Resp: 1083379

Ion Ratio Lower Upper

82 100

128 44.4 35.8 53.6

54 64.9 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: BF135427.D

Acq: 25 Sep 2023 15:15

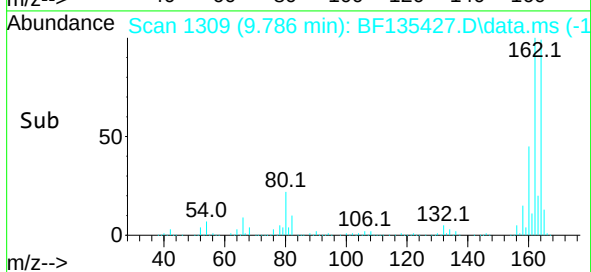
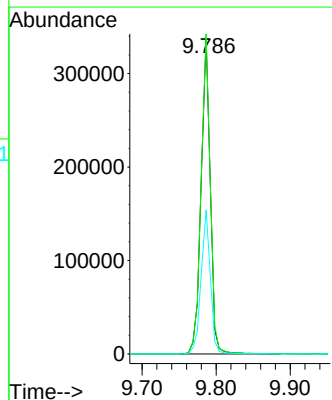
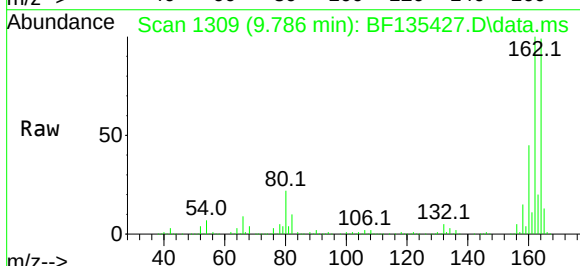
Tgt Ion:164 Resp: 294273

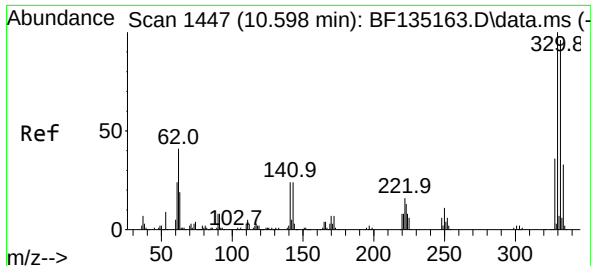
Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.4

160 45.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 115.117 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF135427.D

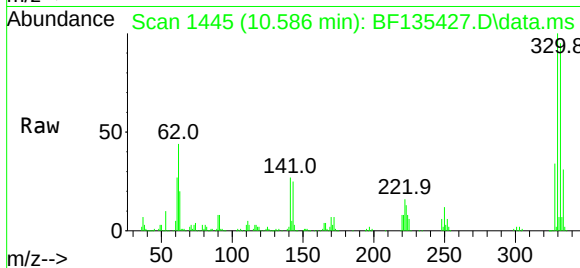
Acq: 25 Sep 2023 15:15

Instrument :

BNA_F

ClientSampleId :

PB155524BL



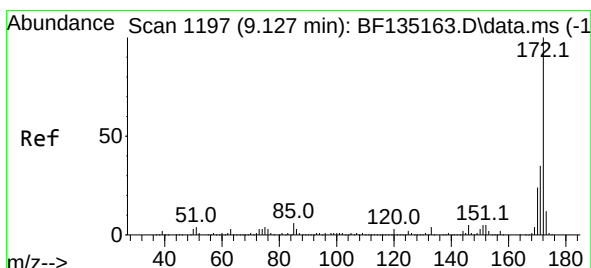
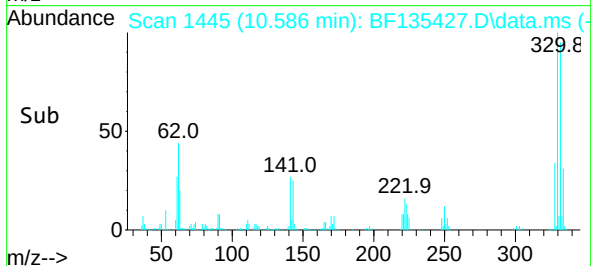
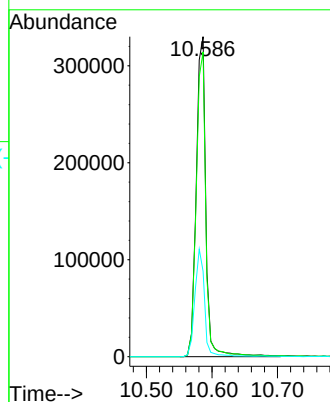
Tgt Ion:330 Resp: 336644

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 33.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 88.646 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135427.D

Acq: 25 Sep 2023 15:15

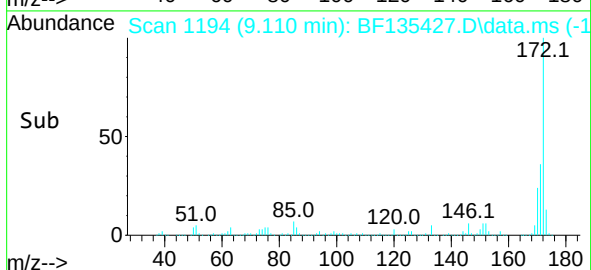
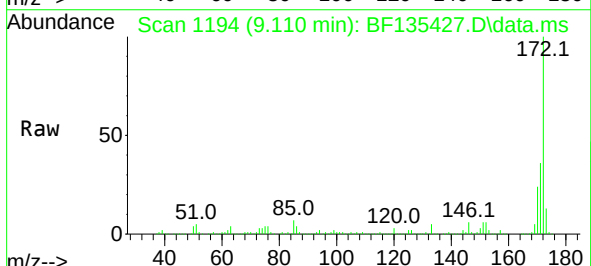
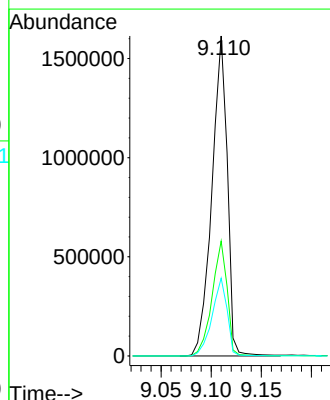
Tgt Ion:172 Resp: 1729031

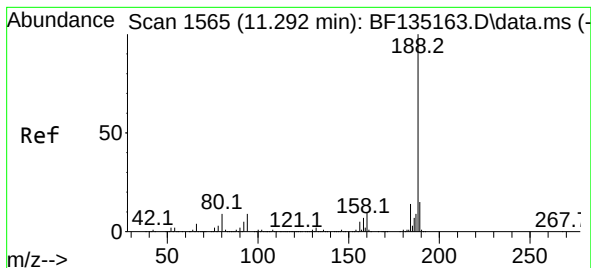
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.3 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: BF135427.D

Acq: 25 Sep 2023 15:15

Instrument :

BNA_F

ClientSampleId :

PB155524BL

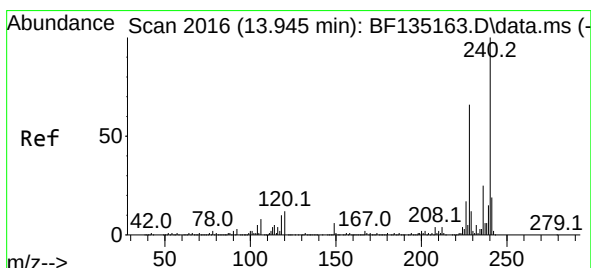
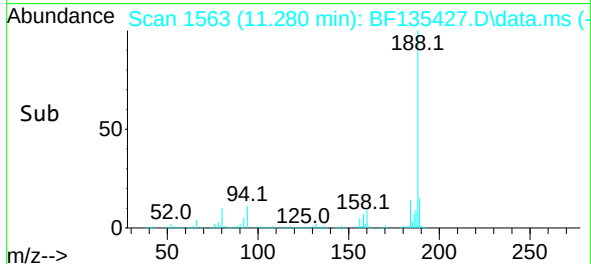
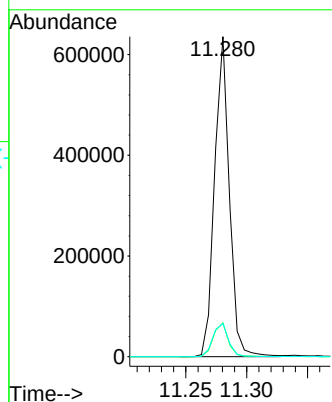
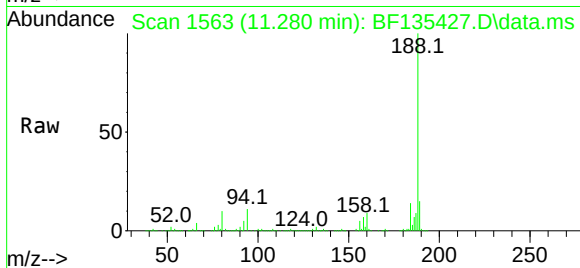
Tgt Ion:188 Resp: 535048

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 10.4 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: BF135427.D

Acq: 25 Sep 2023 15:15

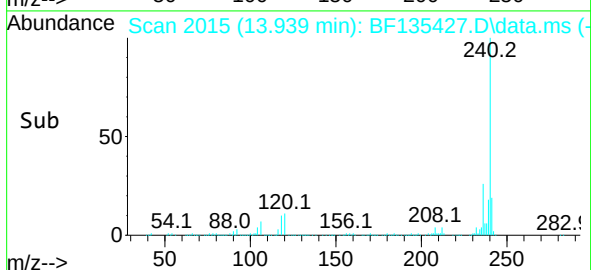
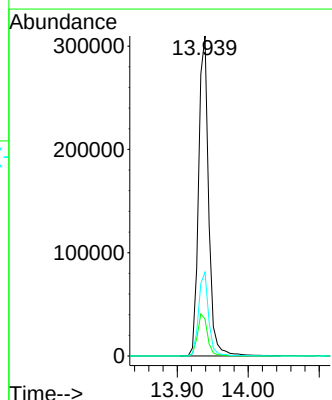
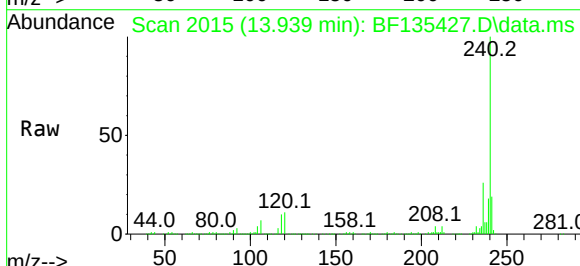
Tgt Ion:240 Resp: 305415

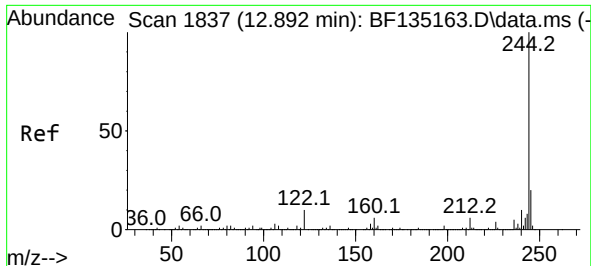
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

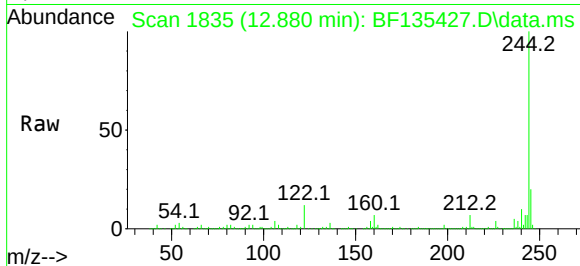
236 26.2 19.8 29.8



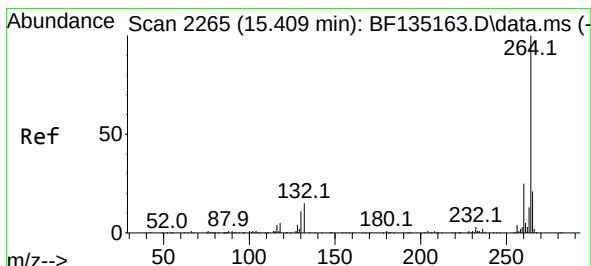
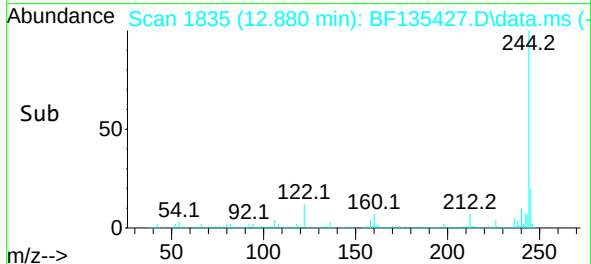
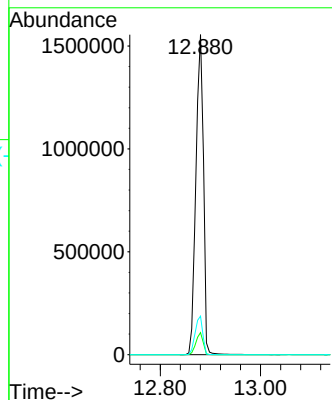


#79
 Terphenyl-d14
 Concen: 81.998 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135427.D
 Acq: 25 Sep 2023 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB155524BL



Tgt Ion:244 Resp: 1615504
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.1 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: BF135427.D
 Acq: 25 Sep 2023 15:15

Tgt Ion:264 Resp: 287774
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 21.3 17.0 25.4

