

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135191.D
 Acq On : 12 Sep 2023 20:27
 Operator : CG\JU
 Sample : 04336-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-B

Quant Time: Sep 13 02:45:27 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)

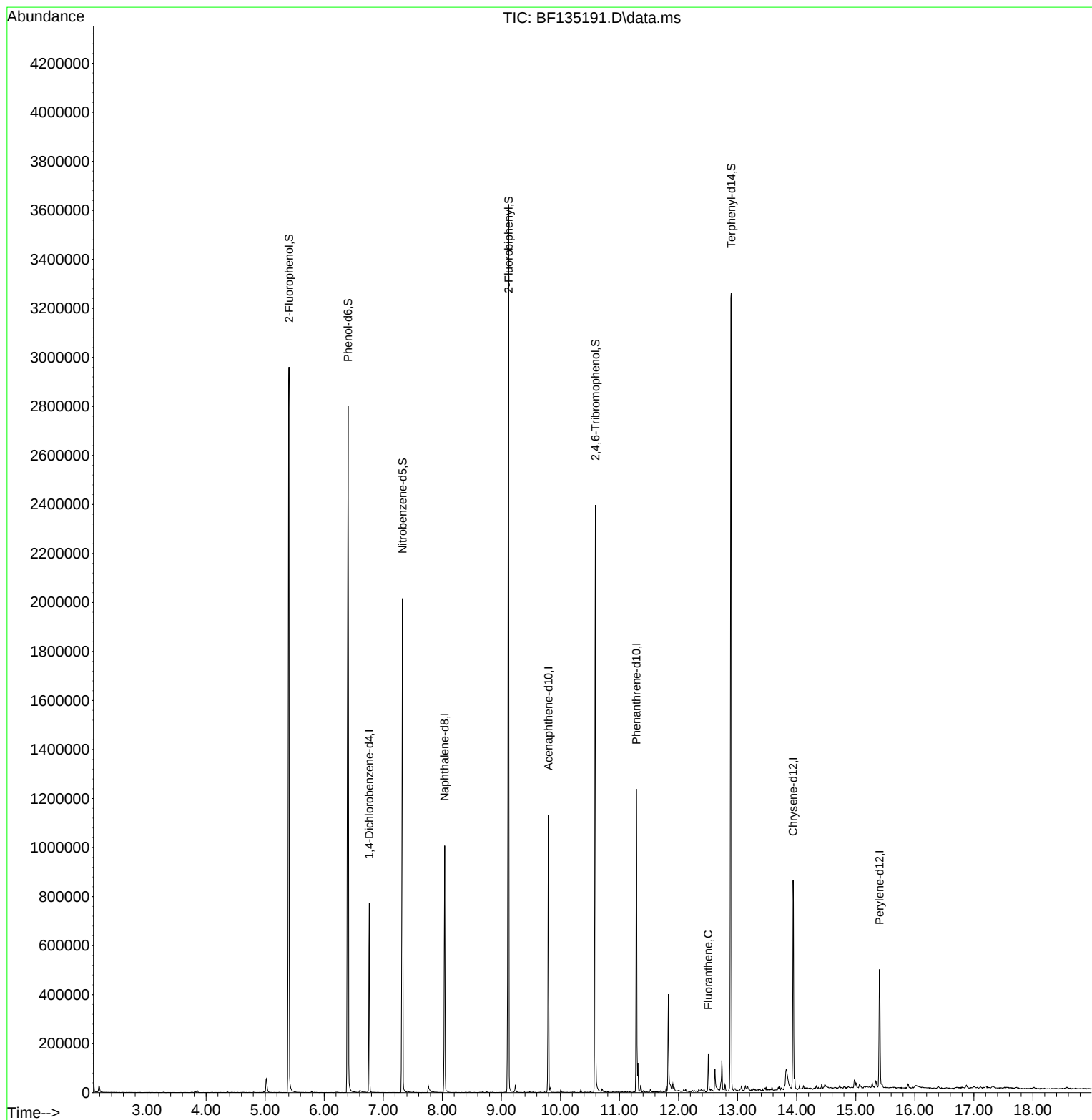
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	107696	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	421890	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	220132	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	442887	20.000	ng	0.00
76) Chrysene-d12	13.939	240	285957	20.000	ng	0.00
86) Perylene-d12	15.404	264	233019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	837229	126.440	ng	0.02
7) Phenol-d6	6.404	99	1075038	127.681	ng	0.00
23) Nitrobenzene-d5	7.328	82	674607	86.873	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	298675	136.532	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1179694	80.853	ng	0.00
79) Terphenyl-d14	12.892	244	1339119	72.595	ng	0.00
Target Compounds						
75) Fluoranthene	12.504	202	58195	2.666	ng	Qvalue 98

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

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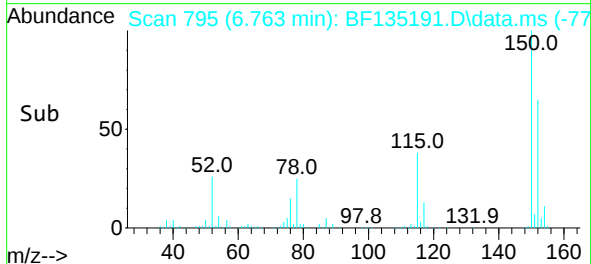
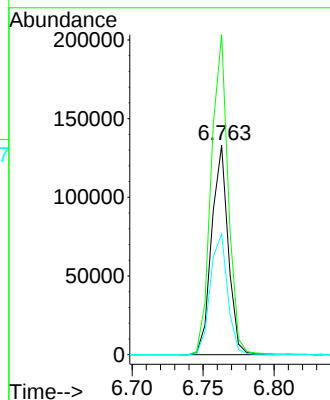
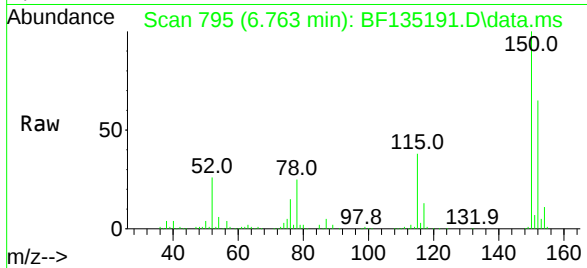




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

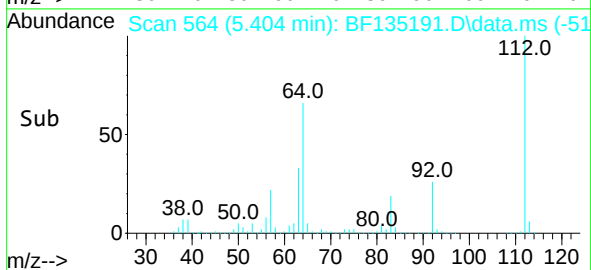
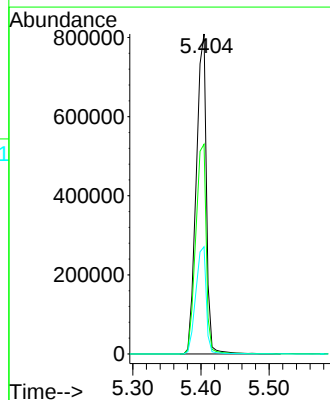
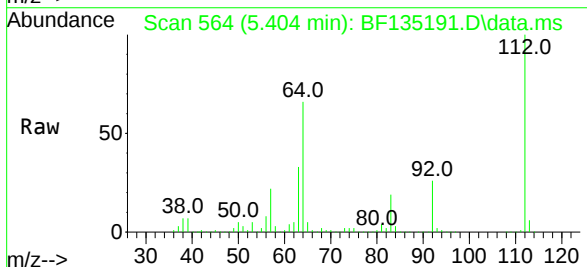
Instrument :
BNA_F
ClientSampleId :
TRENCH-B

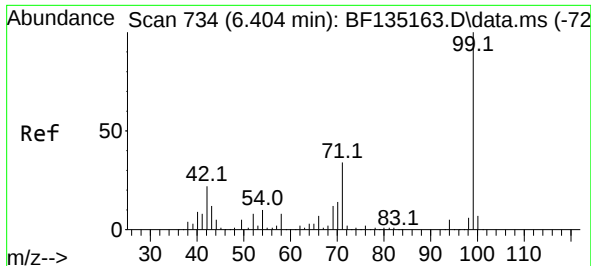
Tgt Ion:152 Resp: 107696
Ion Ratio Lower Upper
152 100
150 152.9 127.8 191.6
115 57.6 49.8 74.8



#5
2-Fluorophenol
Concen: 126.440 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

Tgt Ion:112 Resp: 837229
Ion Ratio Lower Upper
112 100
64 65.6 55.9 83.9
63 33.5 29.0 43.6



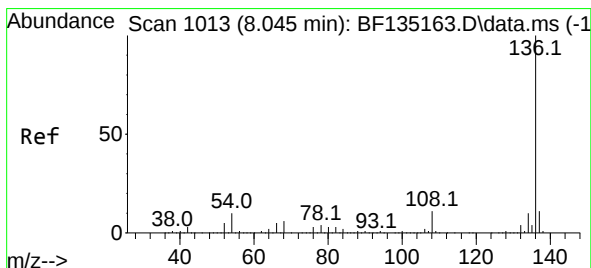
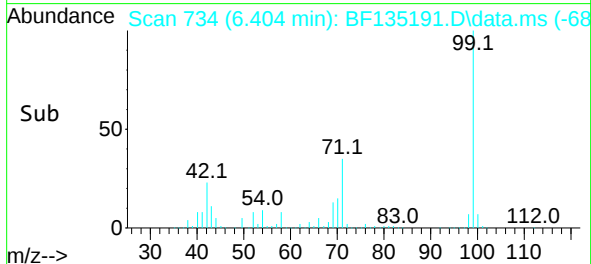
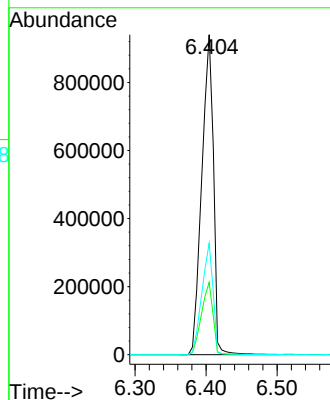
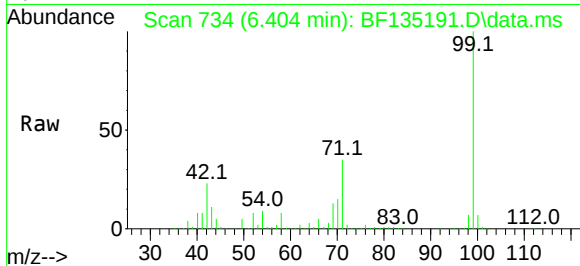


#7
Phenol-d6
Concen: 127.681 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

Instrument :
BNA_F
ClientSampleId :
TRENCH-B

Tgt Ion: 99 Resp: 1075038

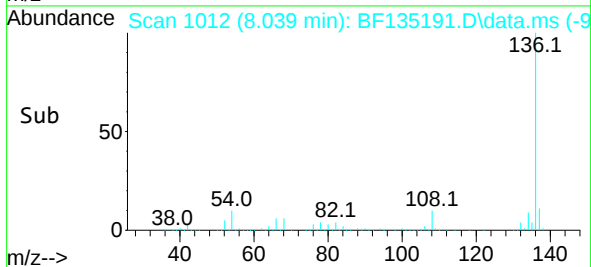
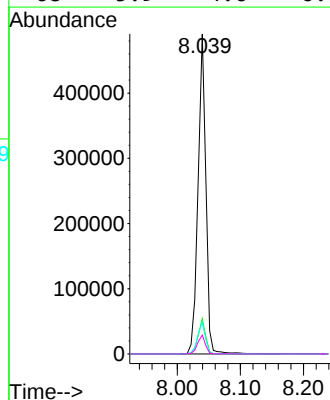
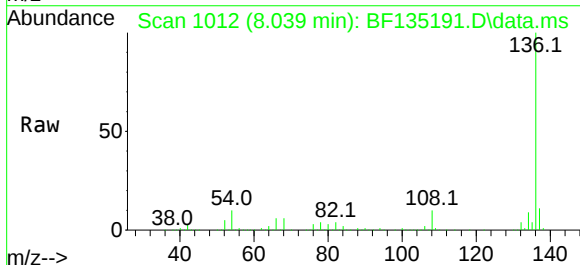
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	34.9	27.0	40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

Tgt Ion: 136 Resp: 421890

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.0	7.7	11.5
68	5.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 86.873 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135191.D

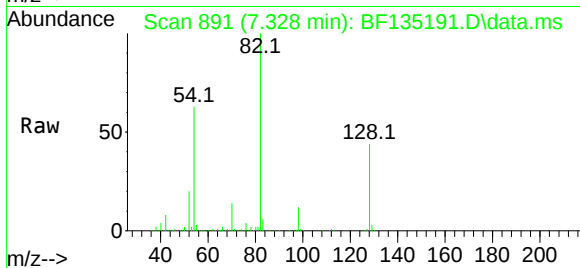
Acq: 12 Sep 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TRENCH-B



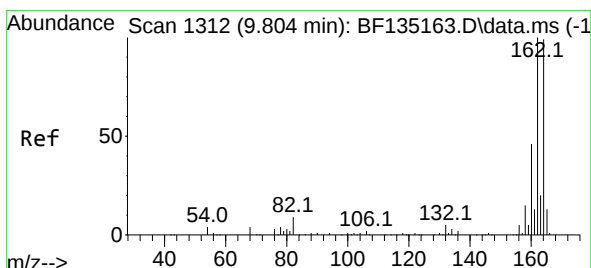
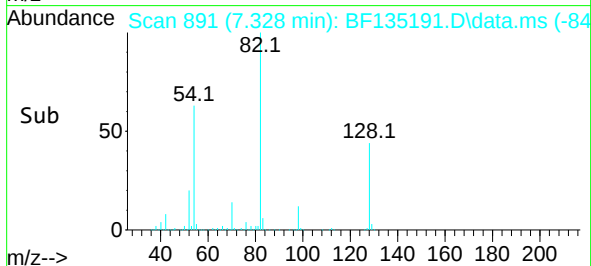
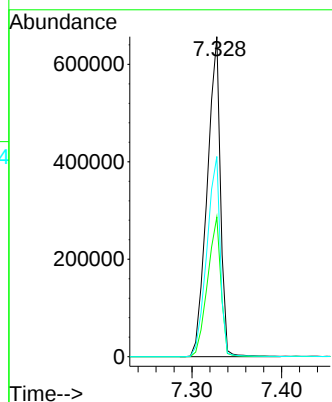
Tgt Ion: 82 Resp: 674607

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.6

54 62.6 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: BF135191.D

Acq: 12 Sep 2023 20:27

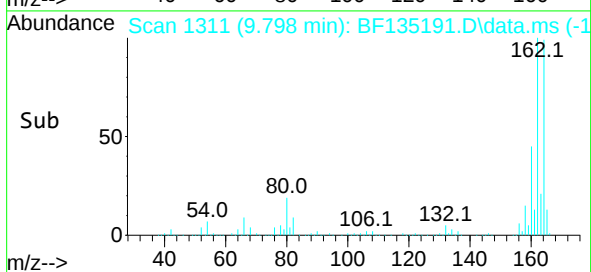
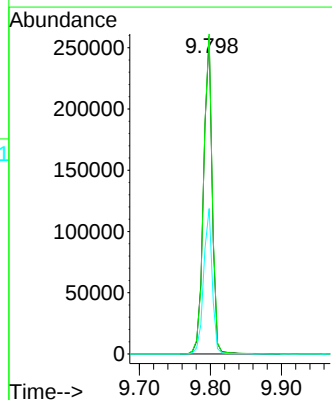
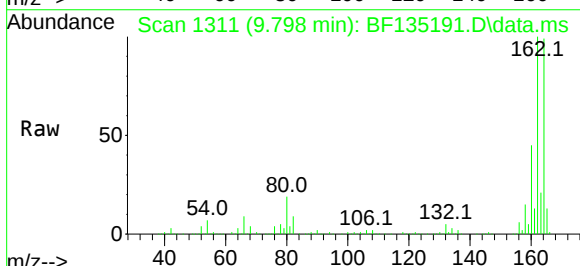
Tgt Ion: 164 Resp: 220132

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 45.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 136.532 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135191.D

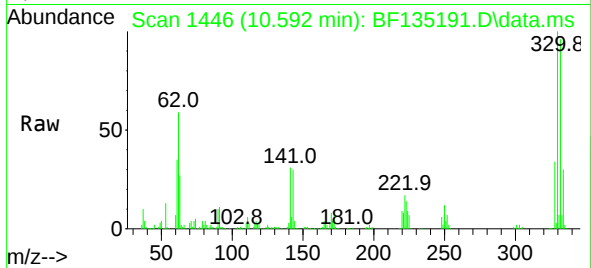
Acq: 12 Sep 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TRENCH-B



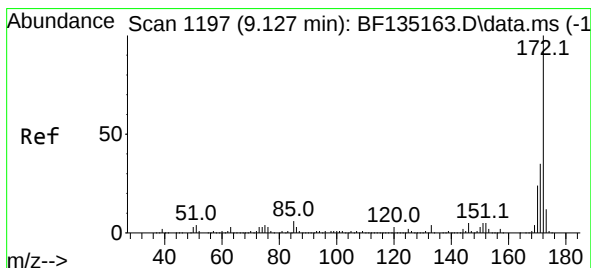
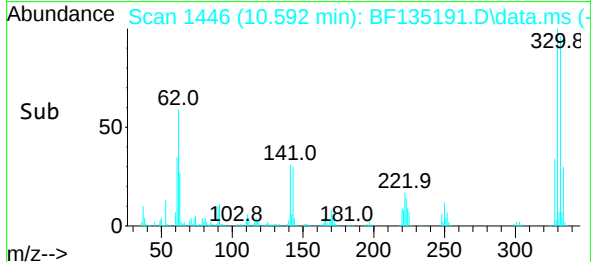
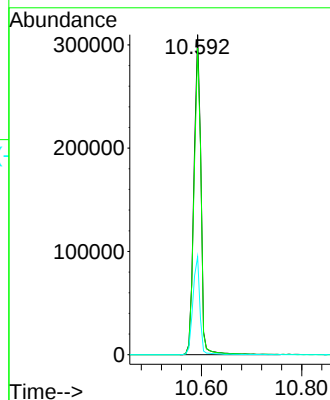
Tgt Ion:330 Resp: 298675

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 30.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 80.853 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135191.D

Acq: 12 Sep 2023 20:27

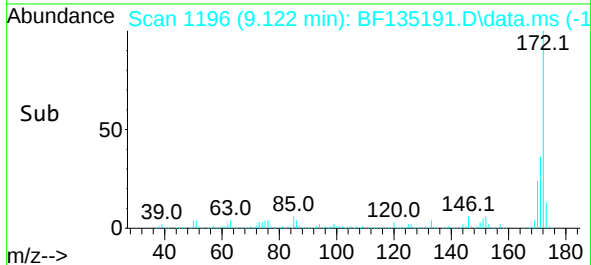
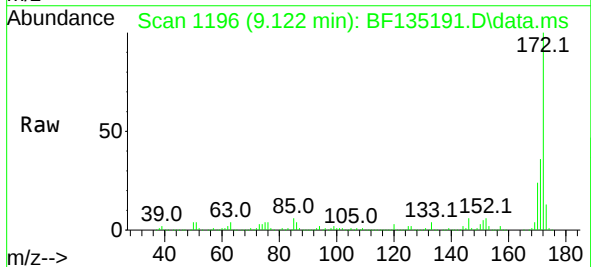
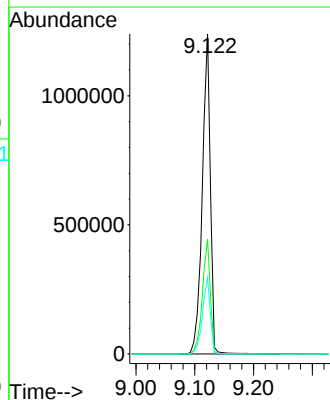
Tgt Ion:172 Resp: 1179694

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.9 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: BF135191.D

Acq: 12 Sep 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TRENCH-B

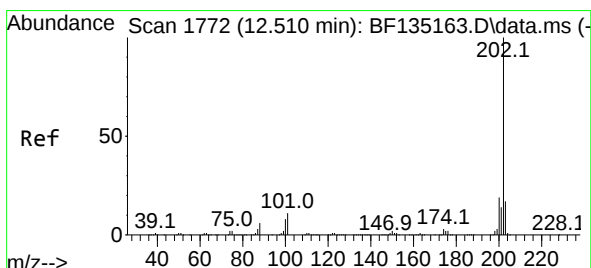
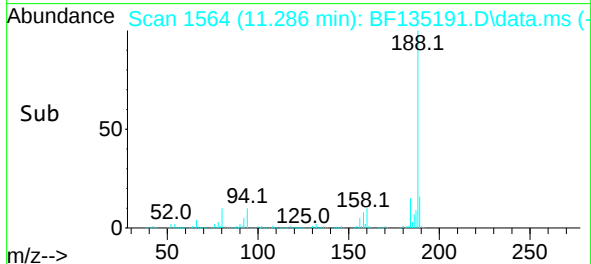
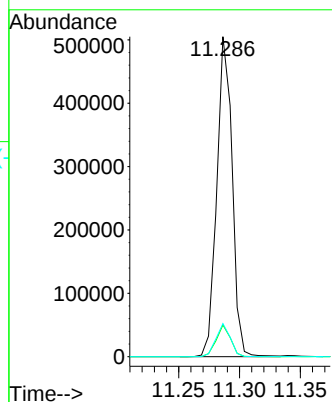
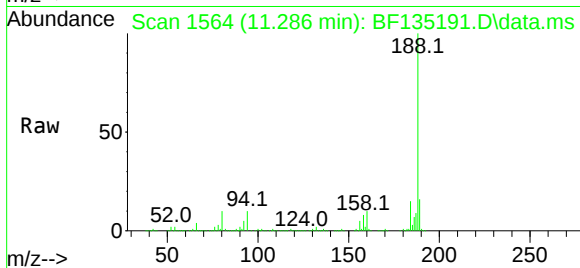
Tgt Ion:188 Resp: 442887

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 10.4 7.5 11.3



#75

Fluoranthene

Concen: 2.666 ng

RT: 12.504 min Scan# 1771

Delta R.T. -0.006 min

Lab File: BF135191.D

Acq: 12 Sep 2023 20:27

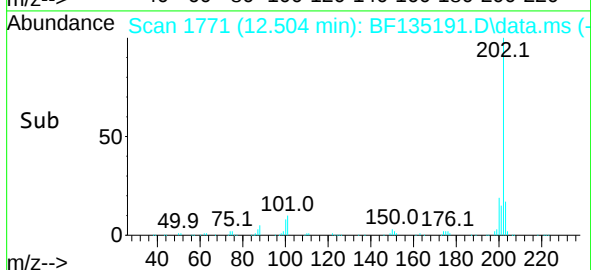
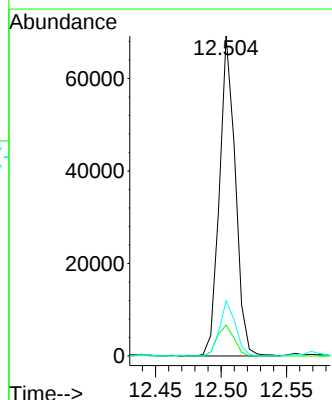
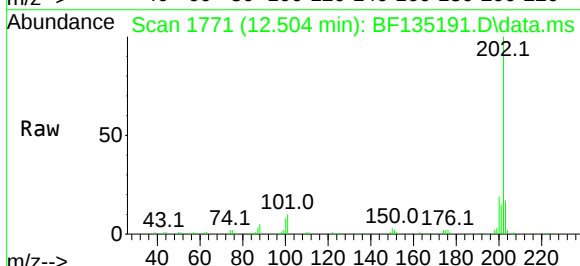
Tgt Ion:202 Resp: 58195

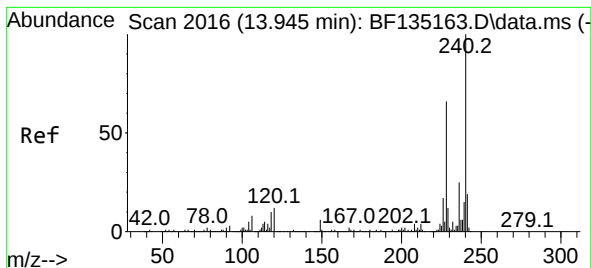
Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.3

203 17.2 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135191.D

Acq: 12 Sep 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TRENCH-B

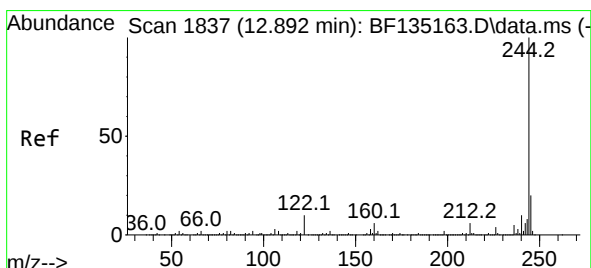
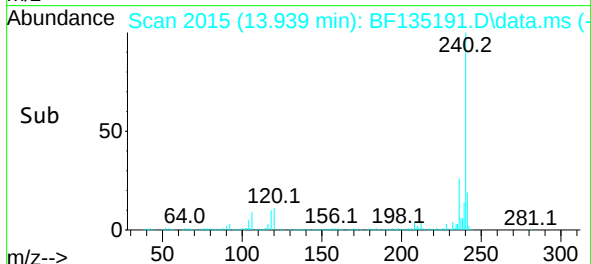
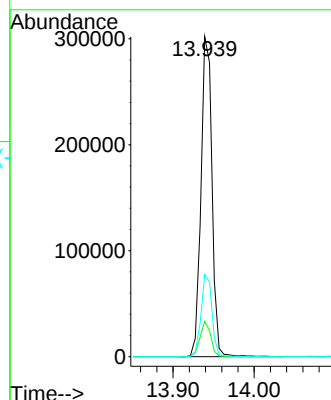
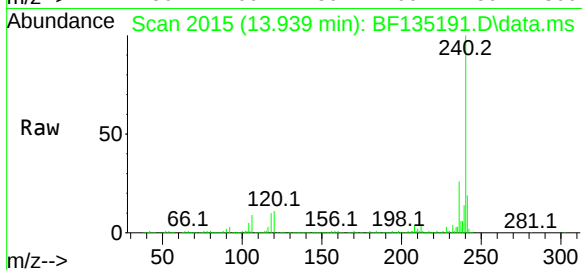
Tgt Ion:240 Resp: 285957

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 25.6 19.8 29.8



#79

Terphenyl-d14

Concen: 72.595 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135191.D

Acq: 12 Sep 2023 20:27

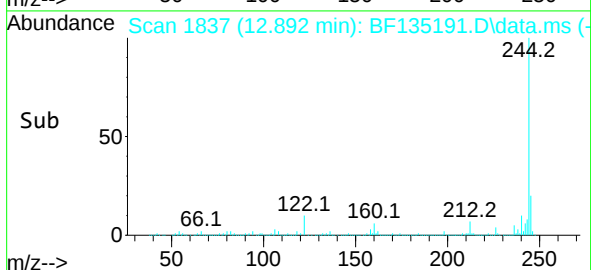
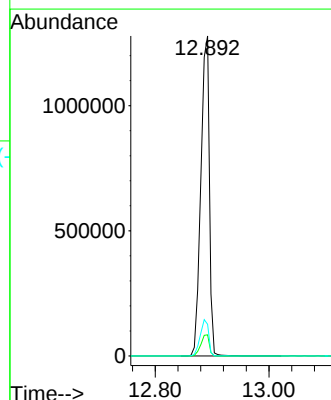
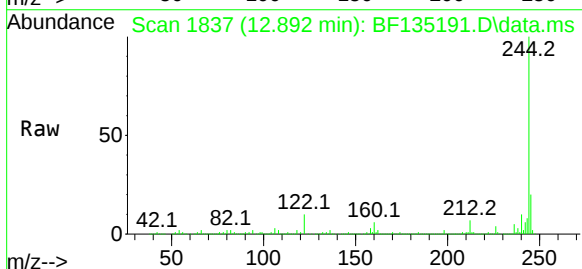
Tgt Ion:244 Resp: 1339119

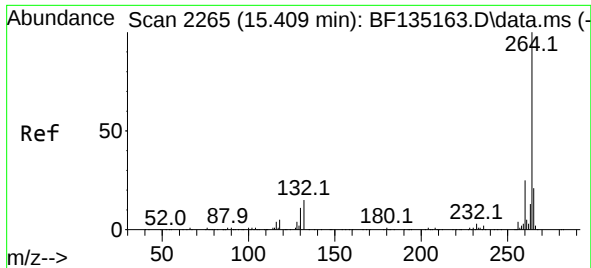
Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

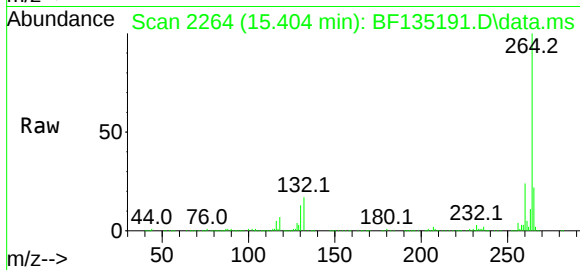
122 9.9 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135191.D
 Acq: 12 Sep 2023 20:27

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-B



Tgt Ion:264 Resp: 233019
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 21.7 17.0 25.4

