

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135407.D
 Acq On : 22 Sep 2023 19:09
 Operator : CG\JU
 Sample : 04434-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DIRTY-PILE-3

Quant Time: Sep 23 04:57:48 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 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	6.757	152	196193	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	720826	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	347388	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	558756	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	89051	20.000	ng	# 0.08
86) Perylene-d12	15.562	264	100810	20.000	ng	# 0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	656840	54.452	ng	-0.01
7) Phenol-d6	6.398	99	803277	52.370	ng	0.00
23) Nitrobenzene-d5	7.322	82	475115	35.810	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	137729	39.896	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	776278	33.714	ng	-0.01
79) Terphenyl-d14	12.910	244	275715	47.996	ng	0.02

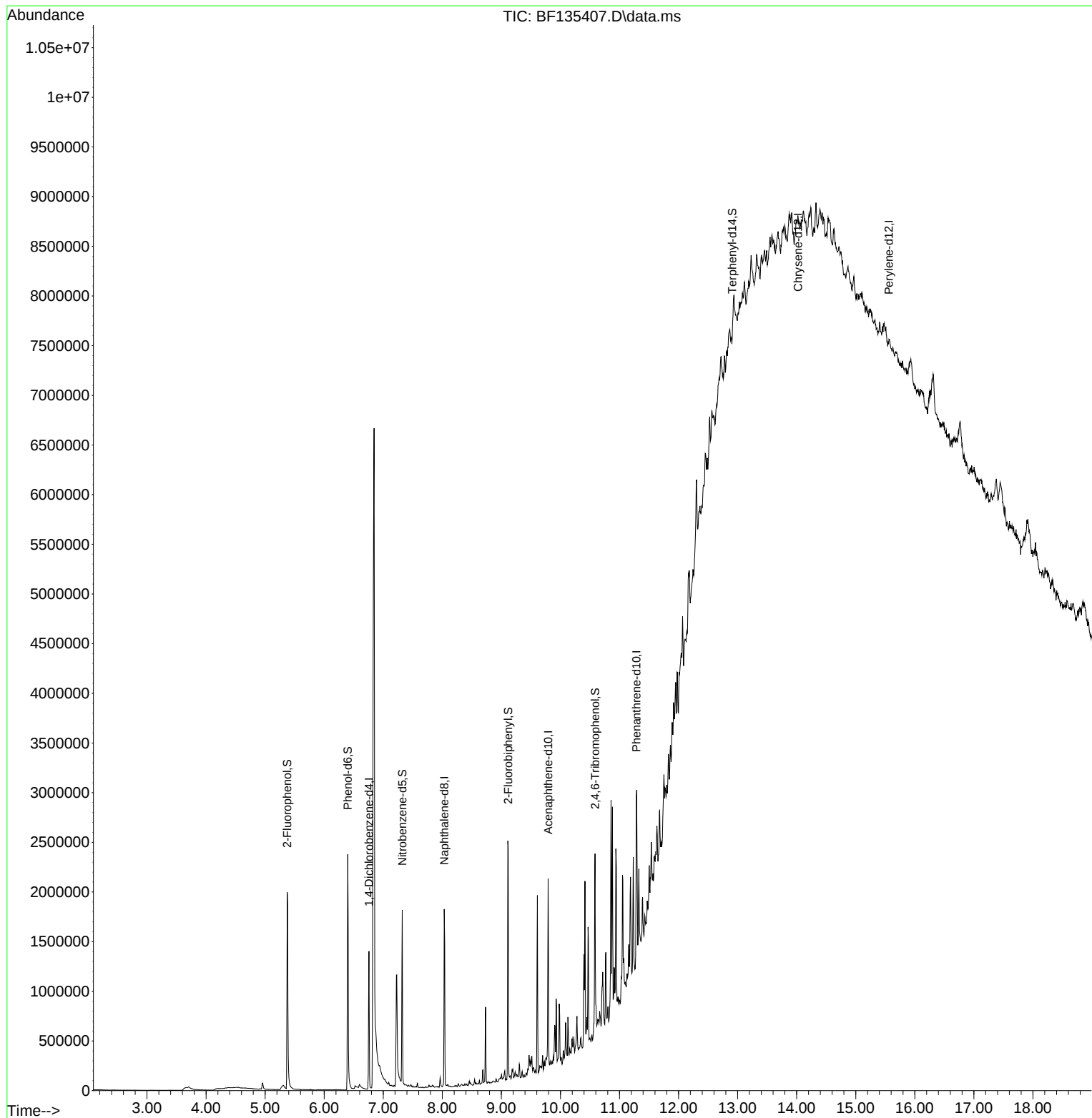
Target Compounds	Qvalue

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

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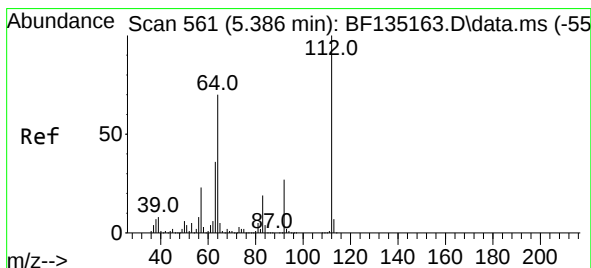
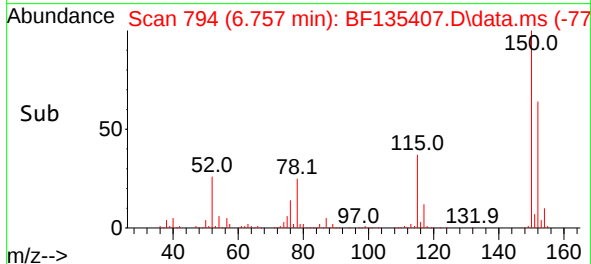
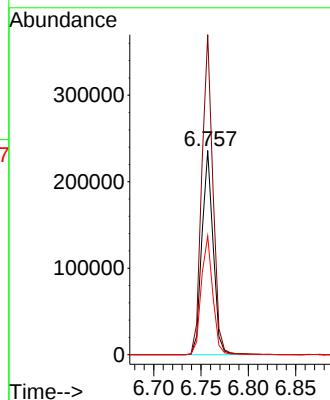
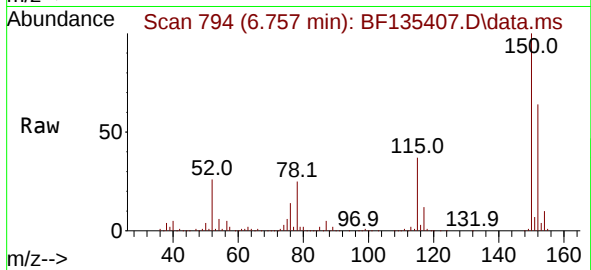




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

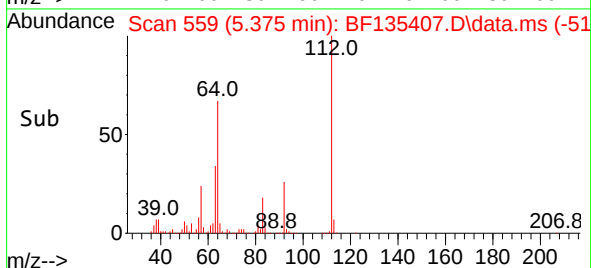
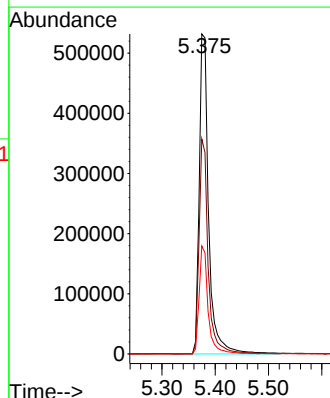
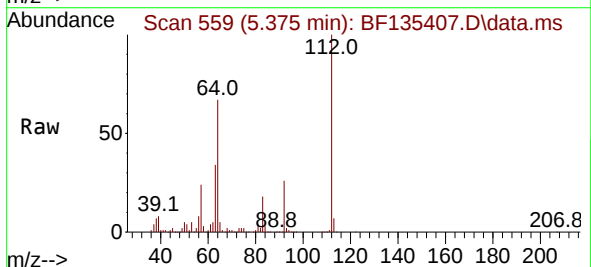
Instrument :
BNA_F
ClientSampleId :
DIRTY-PILE-3

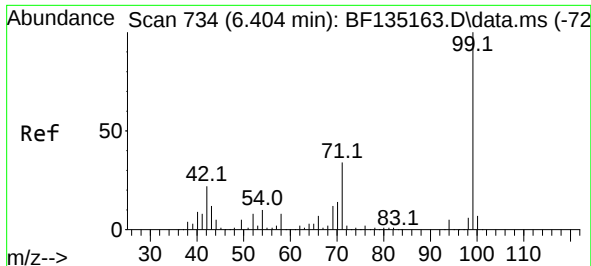
Tgt Ion:152 Resp: 196193
Ion Ratio Lower Upper
152 100
150 156.8 127.8 191.6
115 58.2 49.8 74.8



#5
2-Fluorophenol
Concen: 54.452 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

Tgt Ion:112 Resp: 656840
Ion Ratio Lower Upper
112 100
64 67.2 55.9 83.9
63 33.8 29.0 43.6

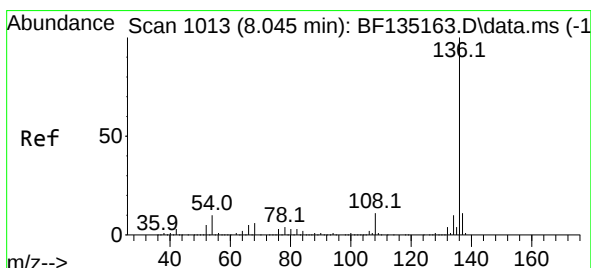
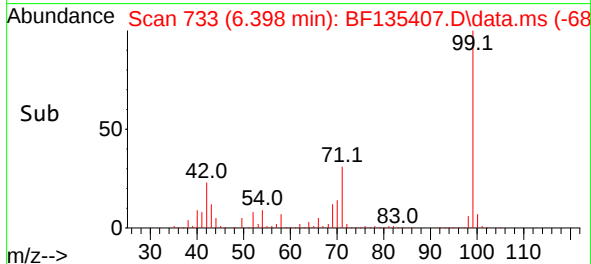
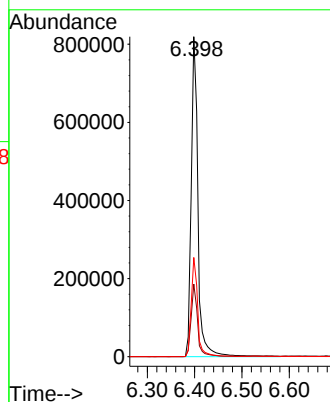
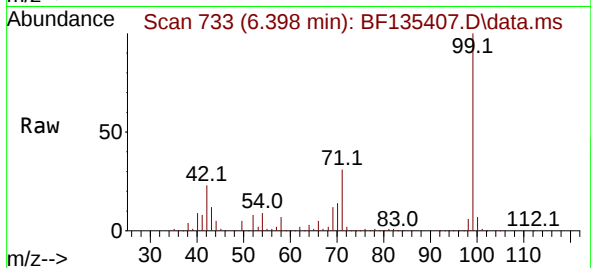




#7
Phenol-d6
Concen: 52.370 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

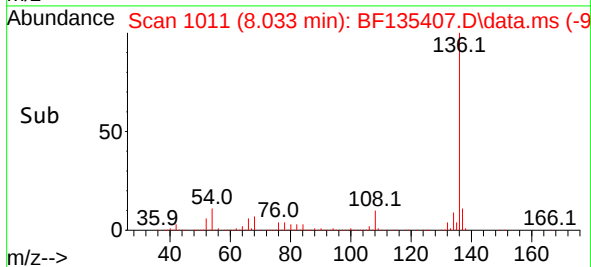
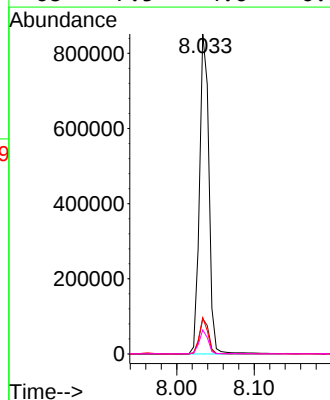
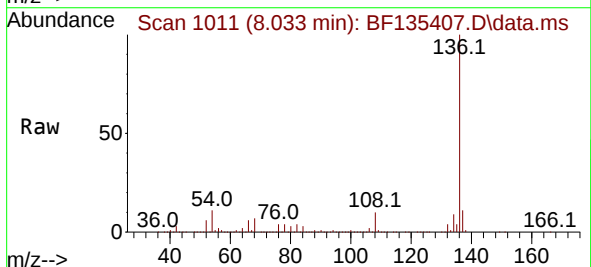
Instrument :
BNA_F
ClientSampleId :
DIRTY-PILE-3

Tgt Ion: 99 Resp: 803277
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 31.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135407.D
Acq: 22 Sep 2023 19:09

Tgt Ion: 136 Resp: 720826
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.3 7.7 11.5
68 7.5 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 35.810 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135407.D

Acq: 22 Sep 2023 19:09

Instrument :

BNA_F

ClientSampleId :

DIRTY-PILE-3

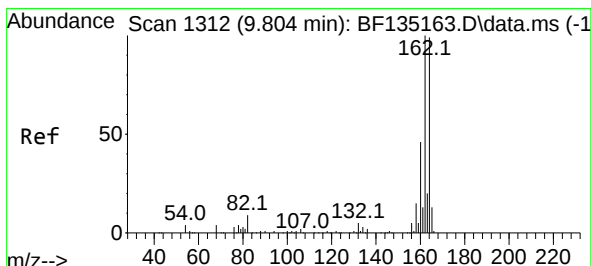
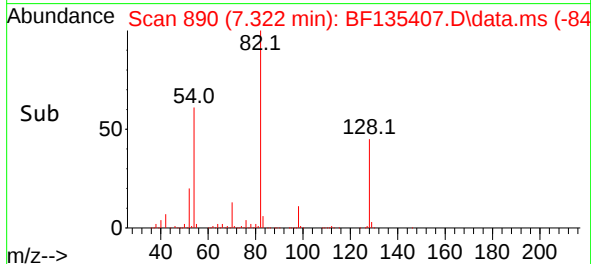
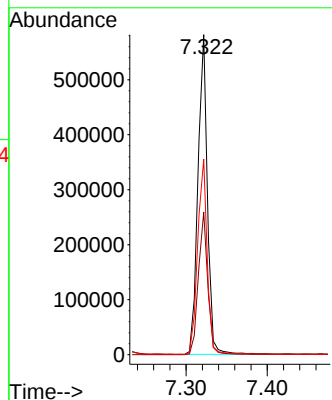
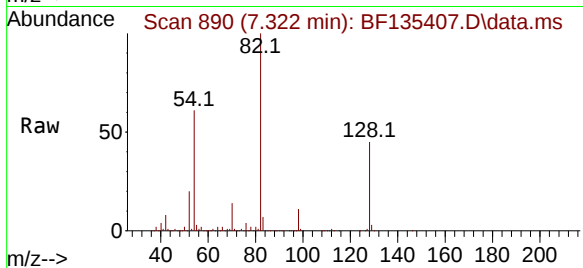
Tgt Ion: 82 Resp: 475115

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.6

54 61.1 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135407.D

Acq: 22 Sep 2023 19:09

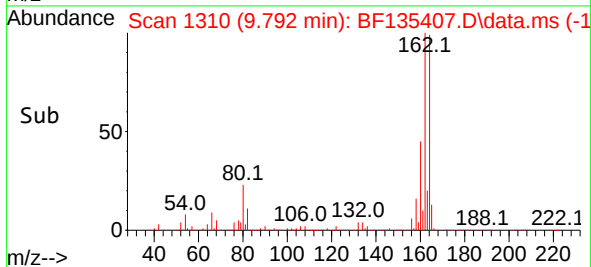
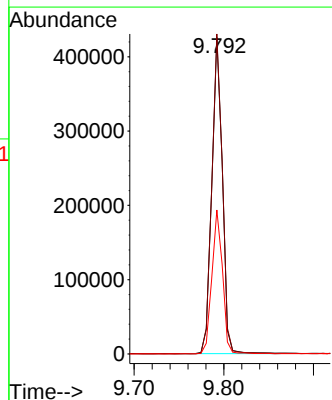
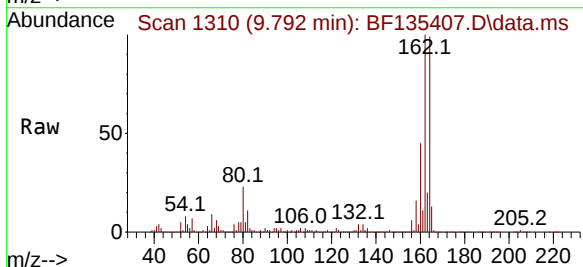
Tgt Ion:164 Resp: 347388

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

160 45.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 39.896 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135407.D

Acq: 22 Sep 2023 19:09

Instrument :

BNA_F

ClientSampleId :

DIRTY-PILE-3

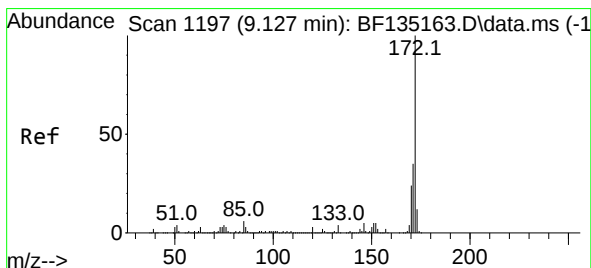
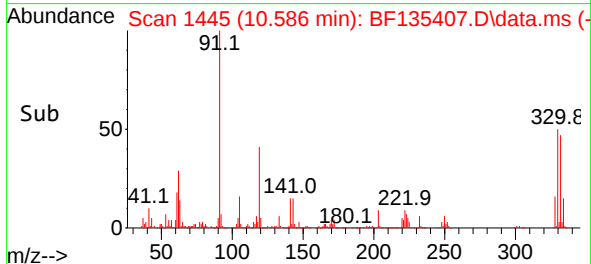
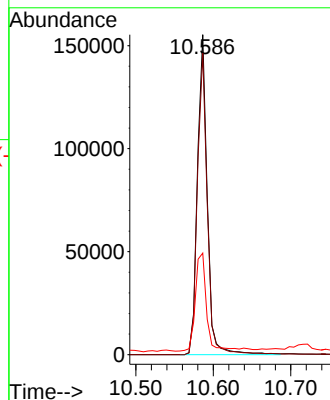
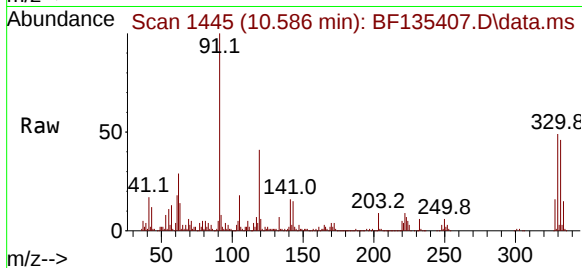
Tgt Ion:330 Resp: 137729

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

141 34.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 33.714 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135407.D

Acq: 22 Sep 2023 19:09

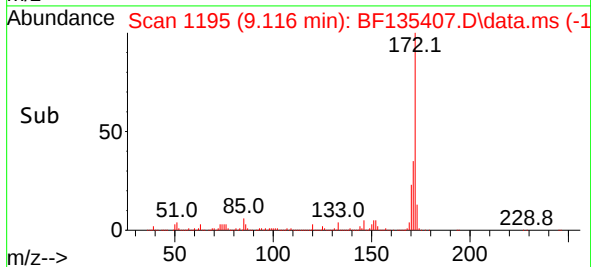
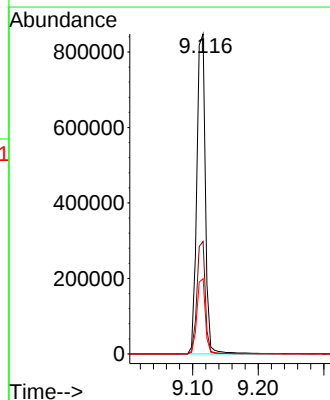
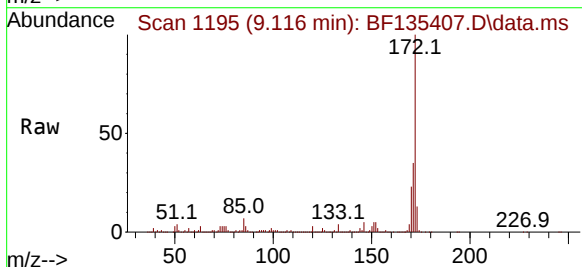
Tgt Ion:172 Resp: 776278

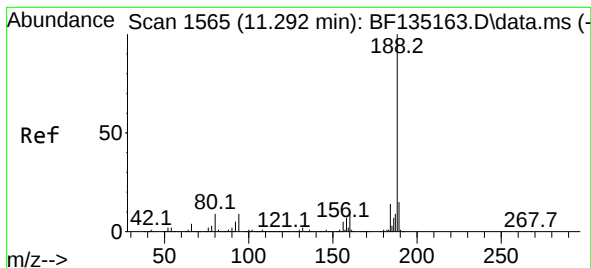
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 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: BF135407.D

Acq: 22 Sep 2023 19:09

Instrument :

BNA_F

ClientSampleId :

DIRTY-PILE-3

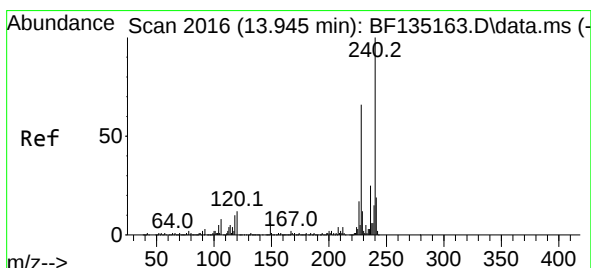
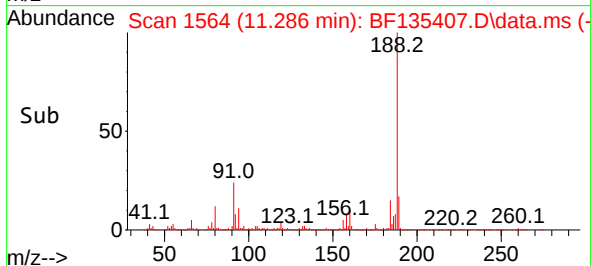
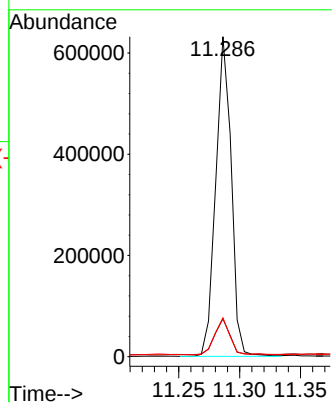
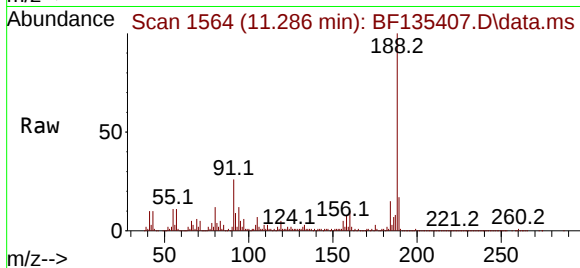
Tgt Ion:188 Resp: 558756

Ion Ratio Lower Upper

188 100

94 11.8 7.0 10.6#

80 12.2 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.077 min

Lab File: BF135407.D

Acq: 22 Sep 2023 19:09

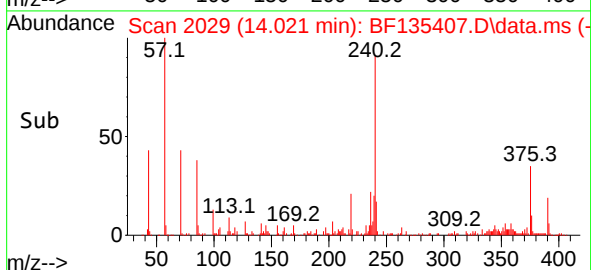
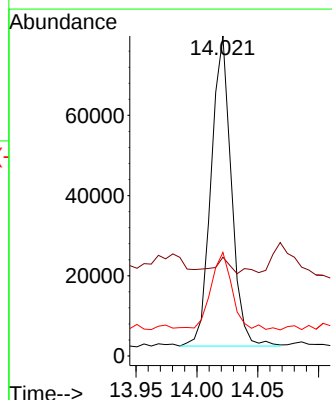
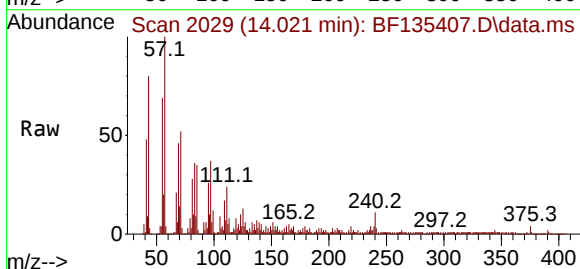
Tgt Ion:240 Resp: 89051

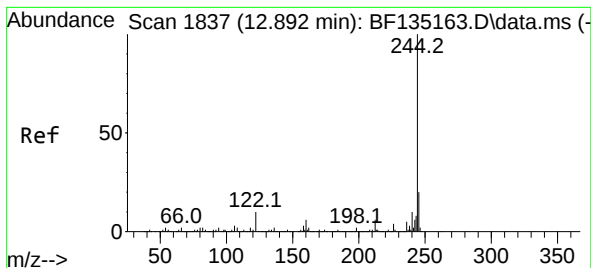
Ion Ratio Lower Upper

240 100

120 30.8 9.4 14.2#

236 32.3 19.8 29.8#





#79

Terphenyl-d14

Concen: 47.996 ng

RT: 12.910 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF135407.D

Acq: 22 Sep 2023 19:09

Instrument :

BNA_F

ClientSampleId :

DIRTY-PILE-3

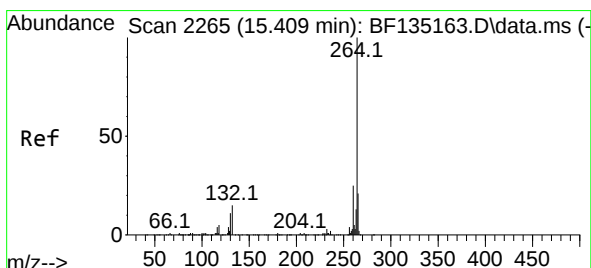
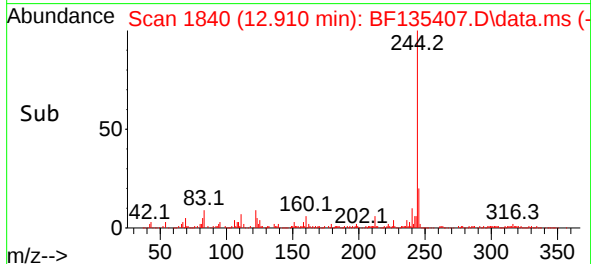
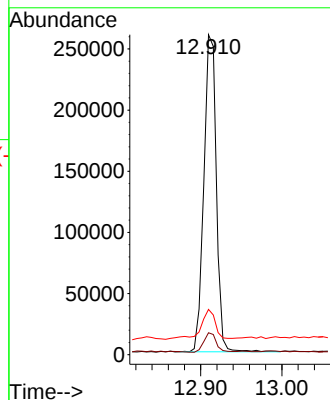
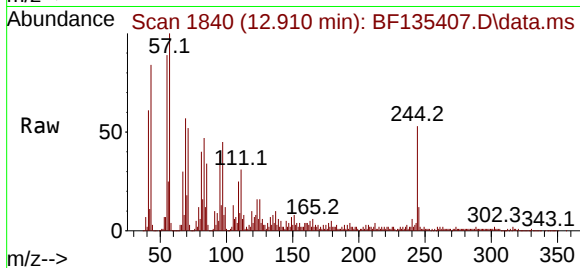
Tgt Ion:244 Resp: 275715

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 14.2 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2291

Delta R.T. 0.153 min

Lab File: BF135407.D

Acq: 22 Sep 2023 19:09

Tgt Ion:264 Resp: 100810

Ion Ratio Lower Upper

264 100

260 26.7 19.8 29.6

265 28.2 17.0 25.4#

