

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129745.D
 Acq On : 12 Aug 2022 15:38
 Operator : CG\JU
 Sample : N4183-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SCRUBBER-CONCRETE

Quant Time: Aug 13 02:03:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 12 15:52:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

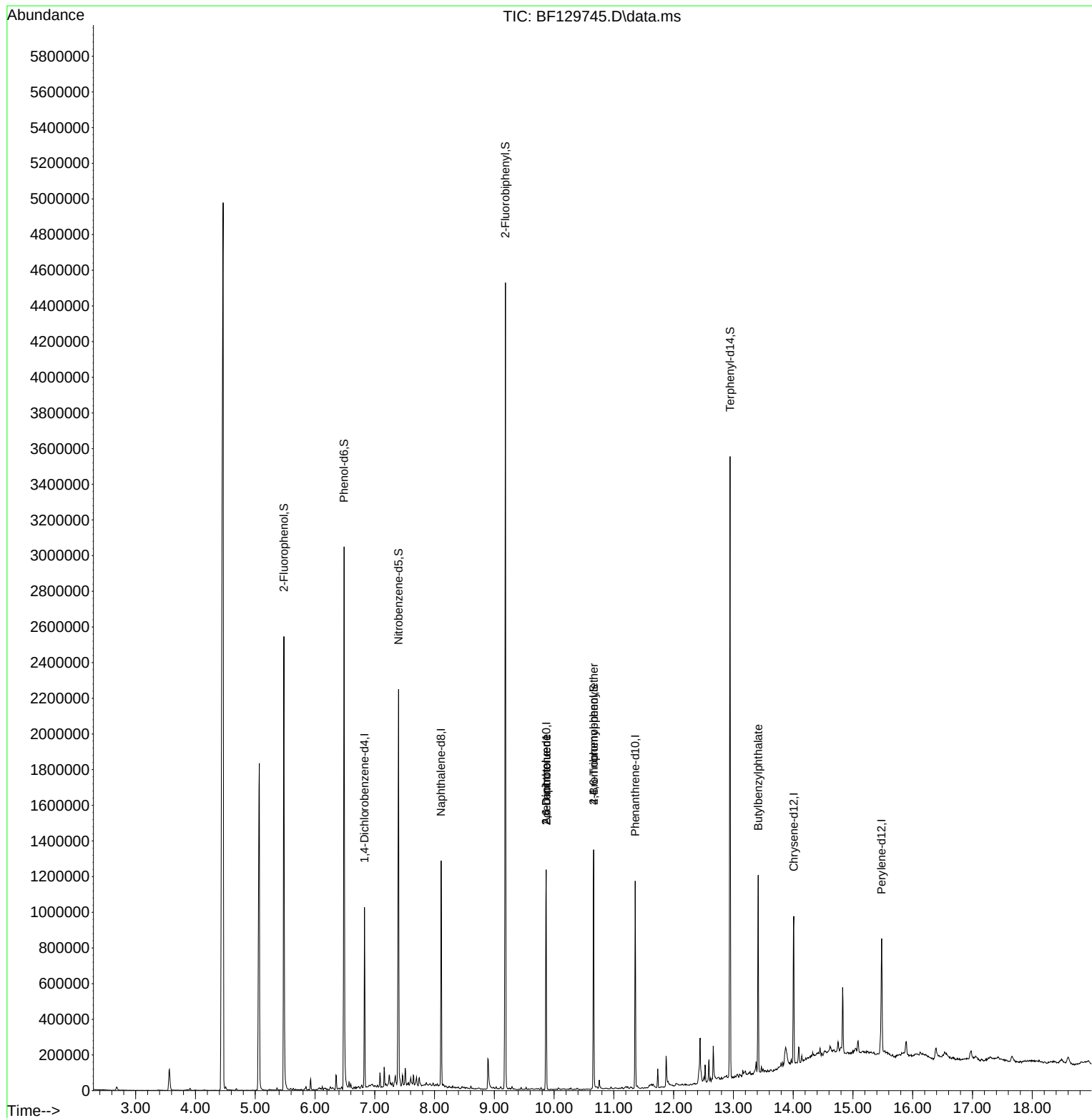
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	135381	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	523252	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	250997	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	373997	20.000	ng	0.00
76) Chrysene-d12	14.010	240	280252	20.000	ng	0.00
86) Perylene-d12	15.480	264	282884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	691029	83.149	ng	0.01
7) Phenol-d6	6.487	99	976823	93.511	ng	0.00
23) Nitrobenzene-d5	7.398	82	699559	72.982	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	145573	60.325	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1297792	79.986	ng	0.00
79) Terphenyl-d14	12.945	244	1068235	71.911	ng	0.00
Target Compounds						
					Qvalue	
51) 2,6-Dinitrotoluene	9.869	165	32934	8.492	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	32934	6.501	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	8831	2.156	ng	# 1
80) Butylbenzylphthalate	13.416	149	234800	23.099	ng	94

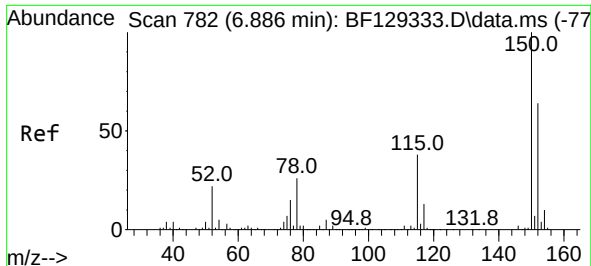
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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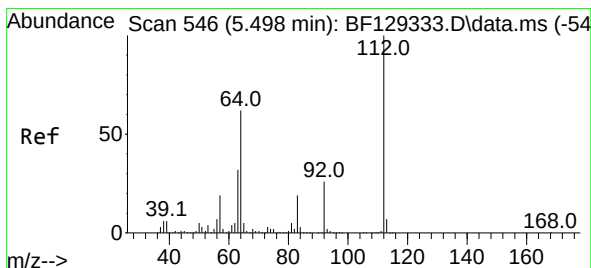
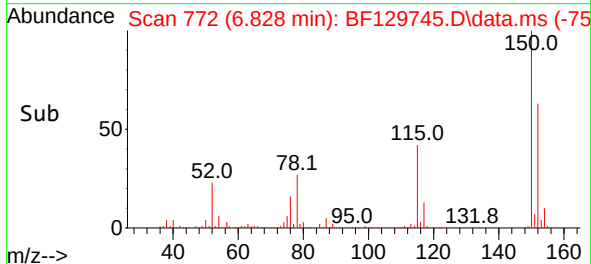
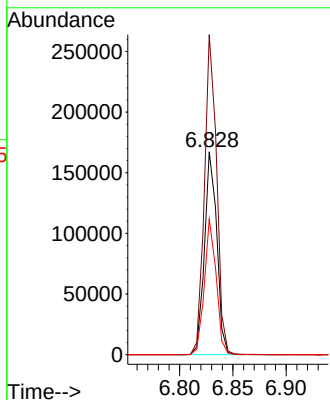
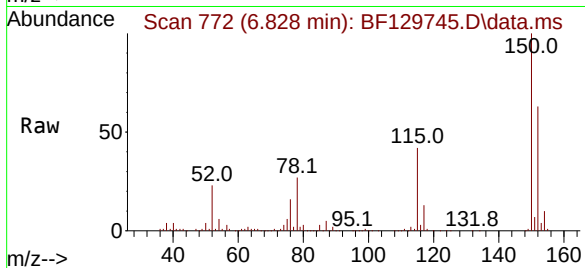




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129745.D
 Acq: 12 Aug 2022 15:38

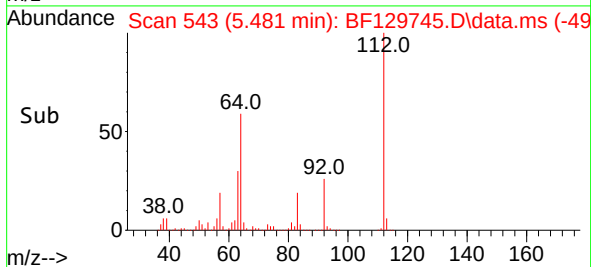
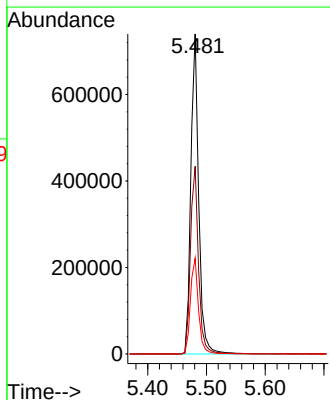
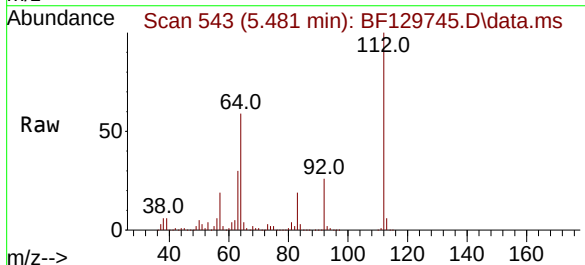
Instrument :
 BNA_F
 ClientSampleId :
 SCRUBBER-CONCRETE

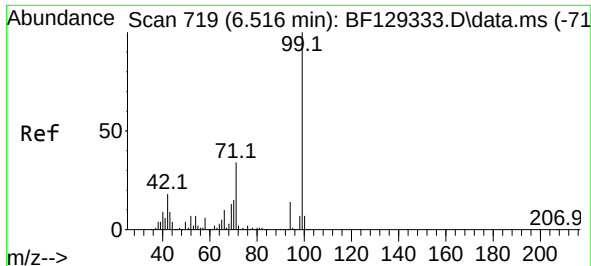
Tgt Ion:152 Resp: 135381
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.7 185.5
 115 66.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 83.149 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.012 min
 Lab File: BF129745.D
 Acq: 12 Aug 2022 15:38

Tgt Ion:112 Resp: 691029
 Ion Ratio Lower Upper
 112 100
 64 58.7 53.3 79.9
 63 30.0 28.0 42.0

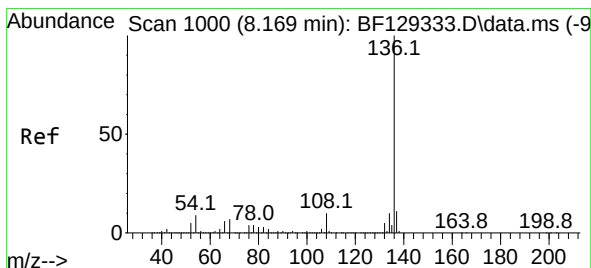
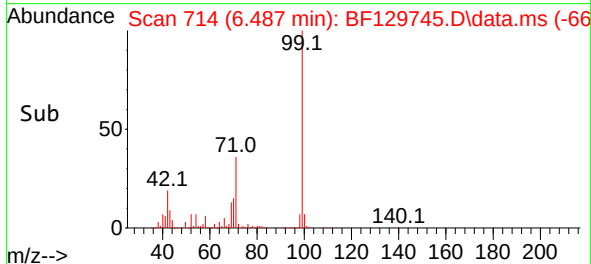
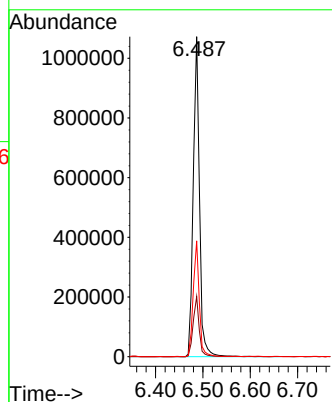
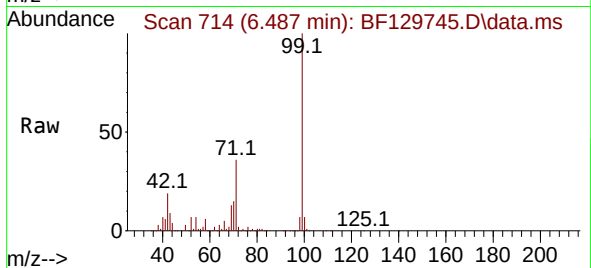




#7
Phenol-d6
Concen: 93.511 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129745.D
Acq: 12 Aug 2022 15:38

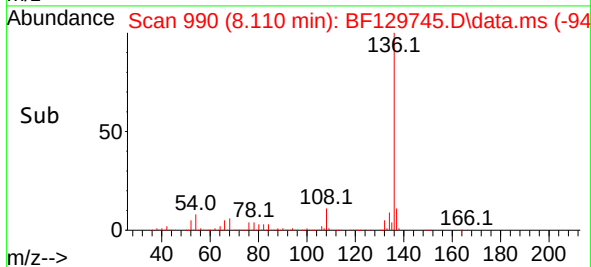
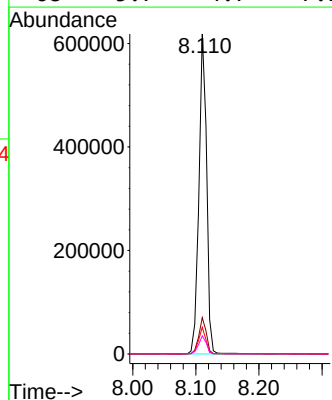
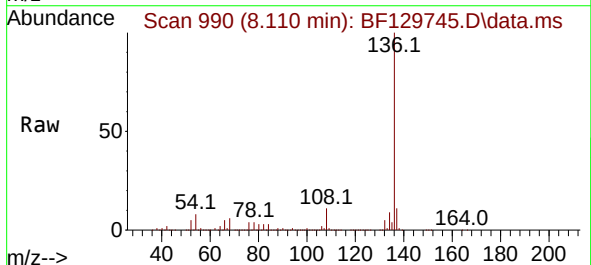
Instrument :
BNA_F
ClientSampleId :
SCRUBBER-CONCRETE

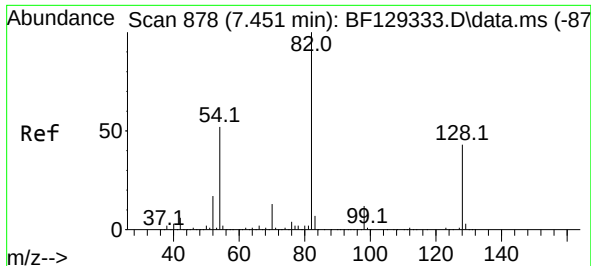
Tgt Ion: 99 Resp: 976823
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 36.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF129745.D
Acq: 12 Aug 2022 15:38

Tgt Ion: 136 Resp: 523252
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.3 7.5 11.3
68 5.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 72.982 ng

RT: 7.398 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129745.D

Acq: 12 Aug 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SCRUBBER-CONCRETE

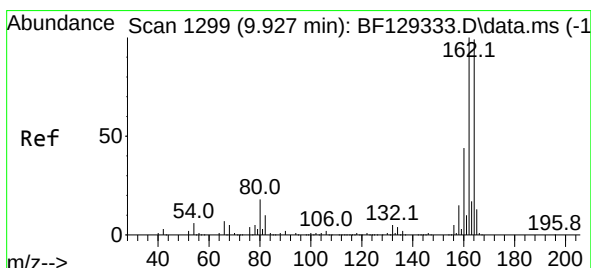
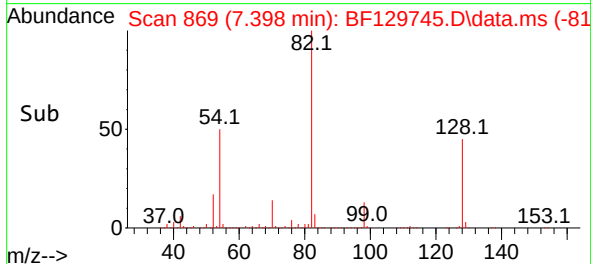
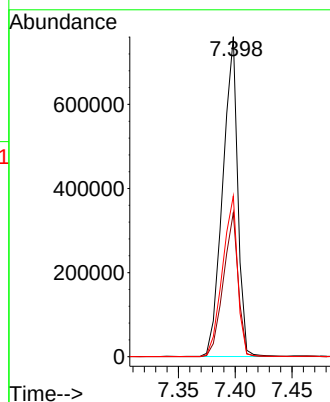
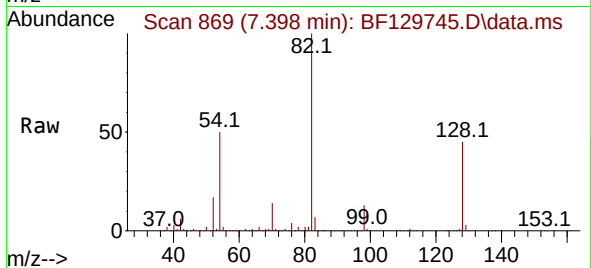
Tgt Ion: 82 Resp: 699559

Ion Ratio Lower Upper

82 100

128 45.0 34.0 51.0

54 50.2 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF129745.D

Acq: 12 Aug 2022 15:38

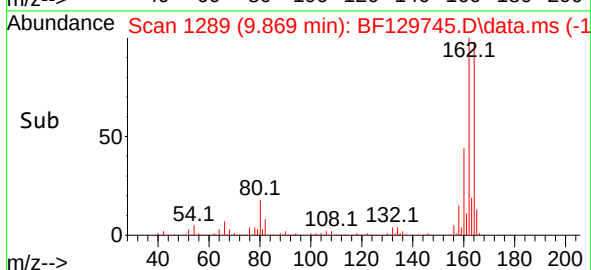
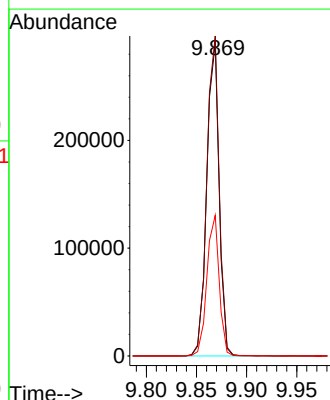
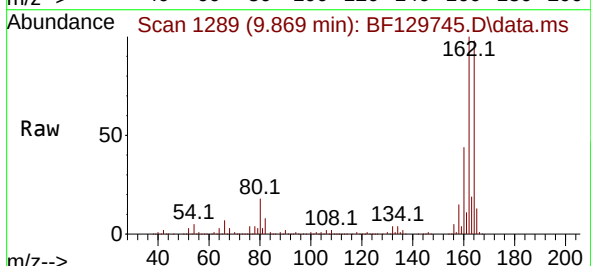
Tgt Ion:164 Resp: 250997

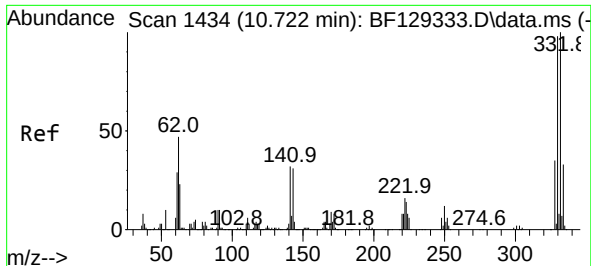
Ion Ratio Lower Upper

164 100

162 102.2 79.5 119.3

160 44.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 60.325 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129745.D

Acq: 12 Aug 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SCRUBBER-CONCRETE

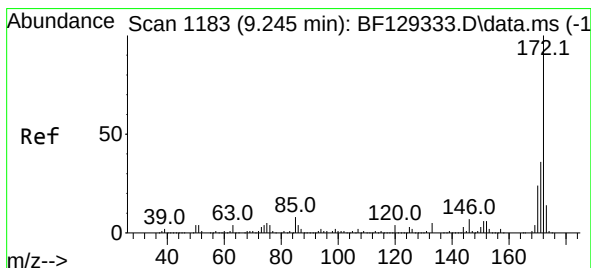
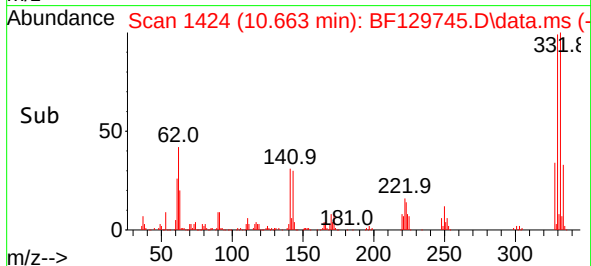
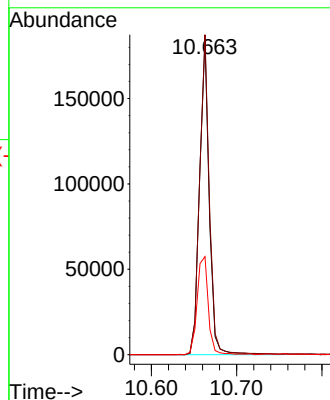
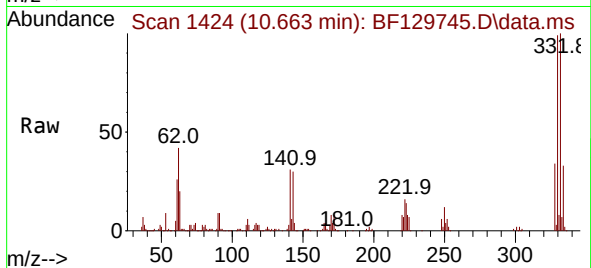
Tgt Ion:330 Resp: 145573

Ion Ratio Lower Upper

330 100

332 102.7 76.8 115.2

141 36.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.986 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF129745.D

Acq: 12 Aug 2022 15:38

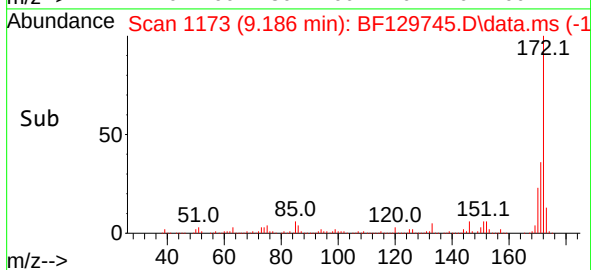
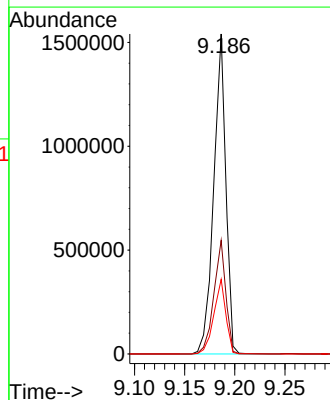
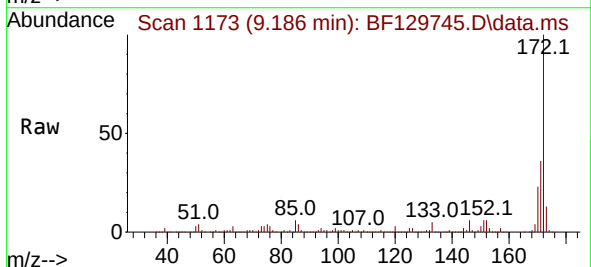
Tgt Ion:172 Resp: 1297792

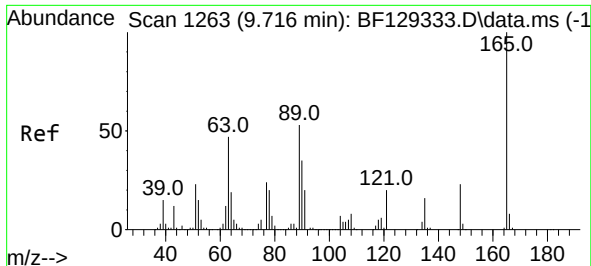
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.492 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.206 min

Lab File: BF129745.D

Acq: 12 Aug 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SCRUBBER-CONCRETE

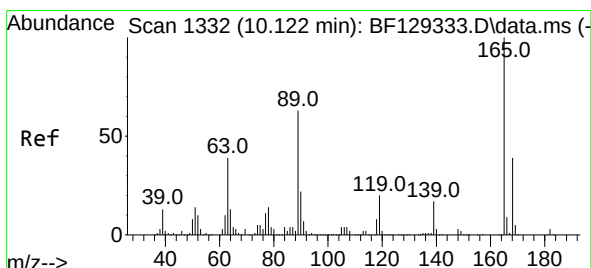
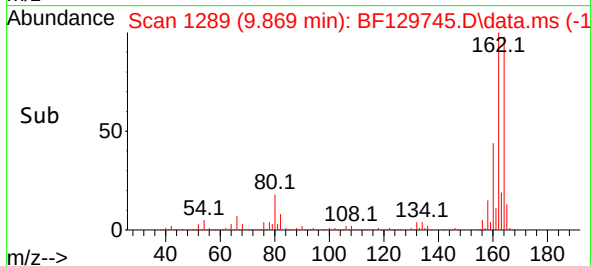
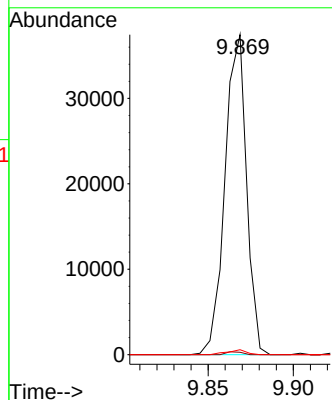
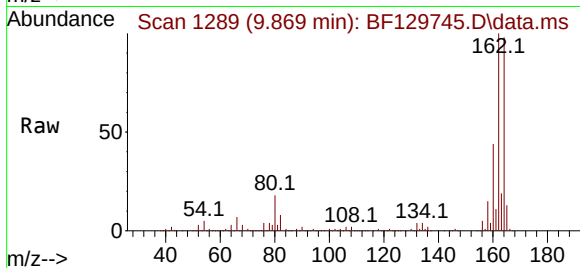
Tgt Ion:165 Resp: 32934

Ion Ratio Lower Upper

165 100

63 0.7 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.501 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.200 min

Lab File: BF129745.D

Acq: 12 Aug 2022 15:38

Tgt Ion:165 Resp: 32934

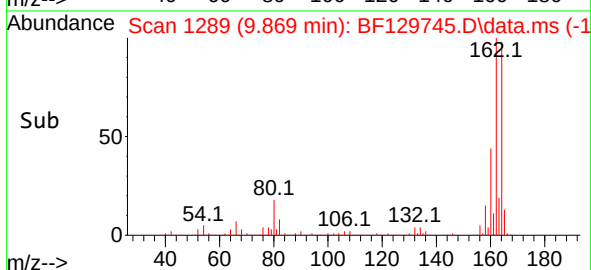
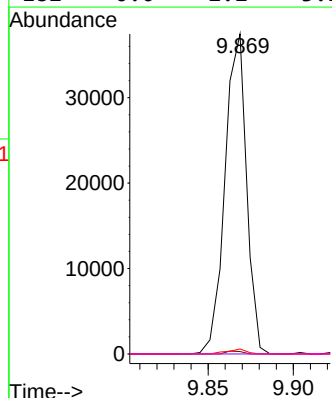
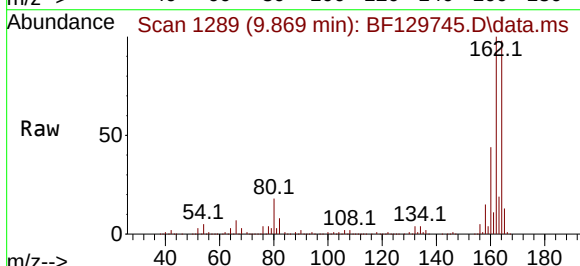
Ion Ratio Lower Upper

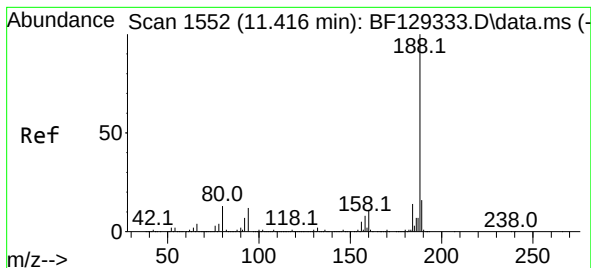
165 100

63 0.7 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129745.D

Acq: 12 Aug 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SCRUBBER-CONCRETE

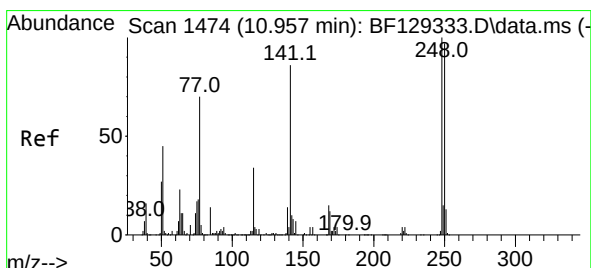
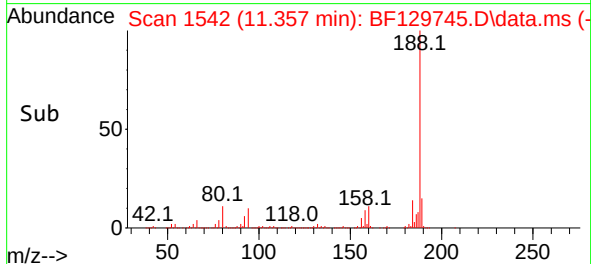
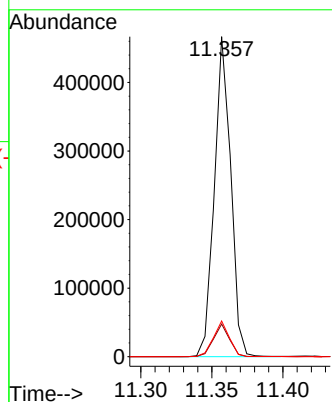
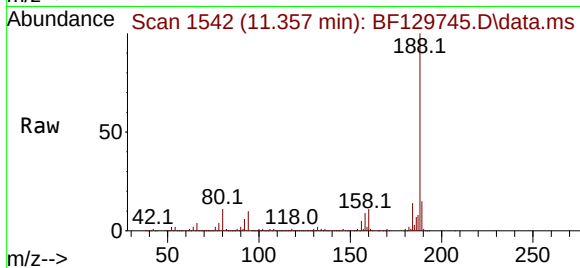
Tgt Ion:188 Resp: 373997

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

80 11.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 2.156 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.235 min

Lab File: BF129745.D

Acq: 12 Aug 2022 15:38

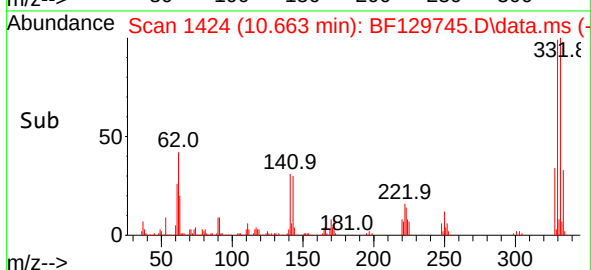
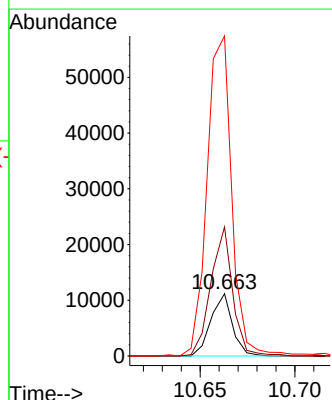
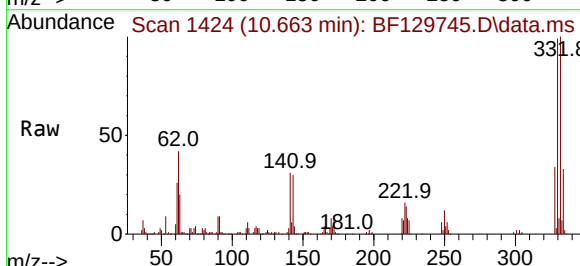
Tgt Ion:248 Resp: 8831

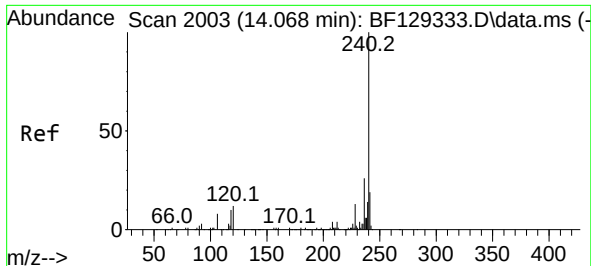
Ion Ratio Lower Upper

248 100

250 207.2 80.6 120.8#

141 514.3 58.9 88.3#

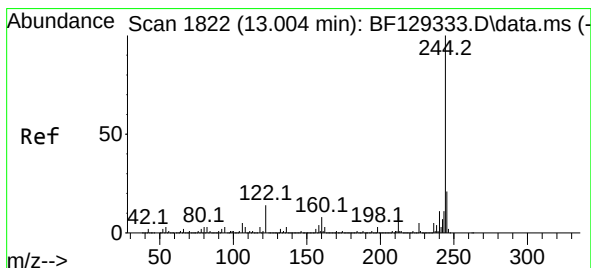
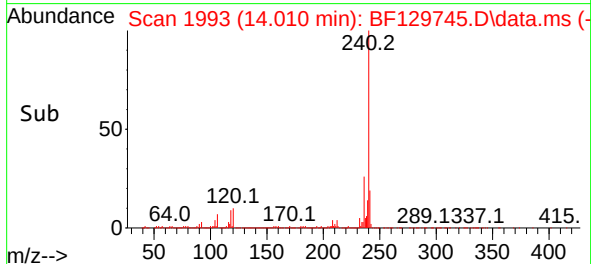
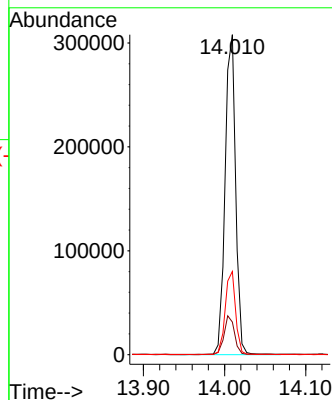
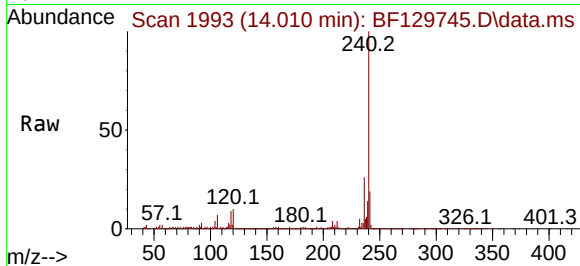




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF129745.D
Acq: 12 Aug 2022 15:38

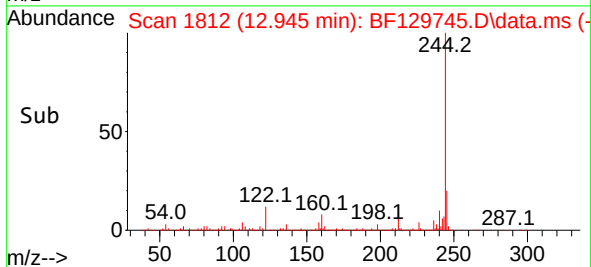
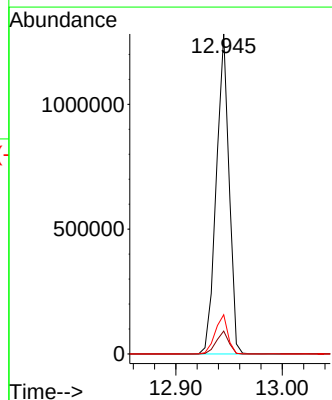
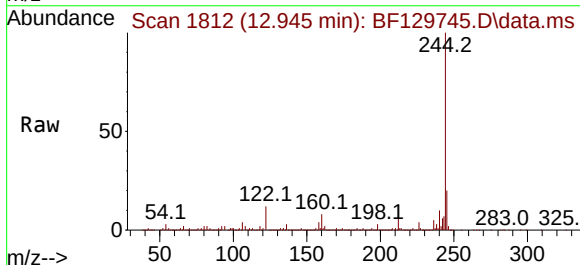
Instrument :
BNA_F
ClientSampleId :
SCRUBBER-CONCRETE

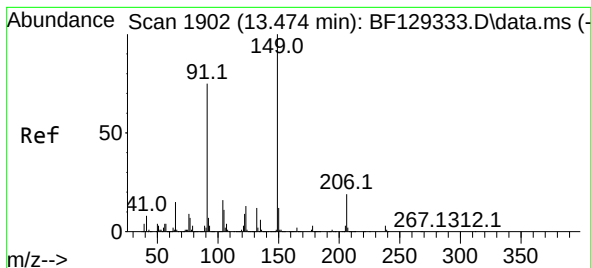
Tgt Ion:240 Resp: 280252
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 71.911 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF129745.D
Acq: 12 Aug 2022 15:38

Tgt Ion:244 Resp: 1068235
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.3 8.8 13.2





#80

Butylbenzylphthalate

Concen: 23.099 ng

RT: 13.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129745.D

Acq: 12 Aug 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SCRUBBER-CONCRETE

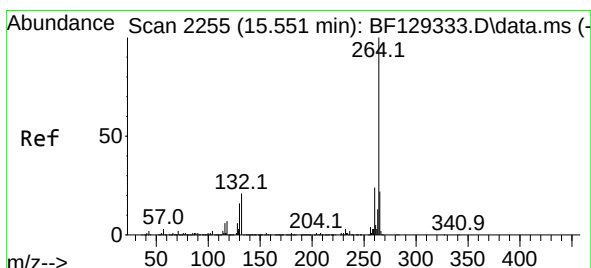
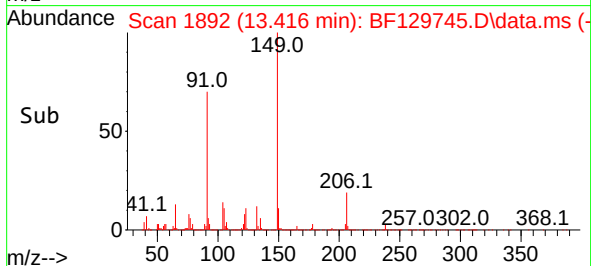
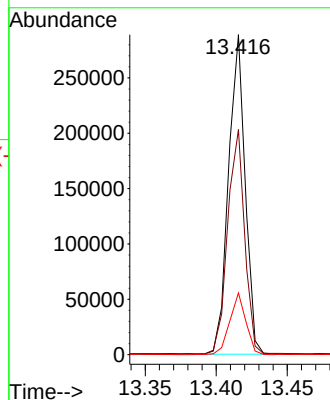
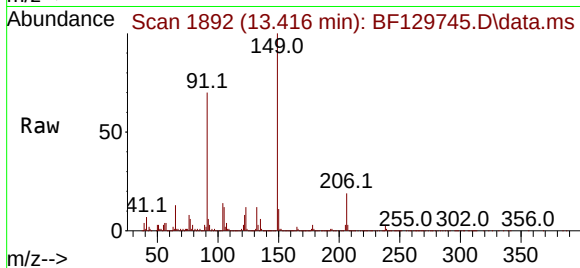
Tgt Ion:149 Resp: 234800

Ion Ratio Lower Upper

149 100

91 70.3 61.2 91.8

206 19.3 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2243

Delta R.T. 0.000 min

Lab File: BF129745.D

Acq: 12 Aug 2022 15:38

Tgt Ion:264 Resp: 282884

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.8 17.2 25.8

