

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132559.D
 Acq On : 27 Feb 2023 18:42
 Operator : CG\JU
 Sample : 01703-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KU-CON2

Quant Time: Feb 28 03:17:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

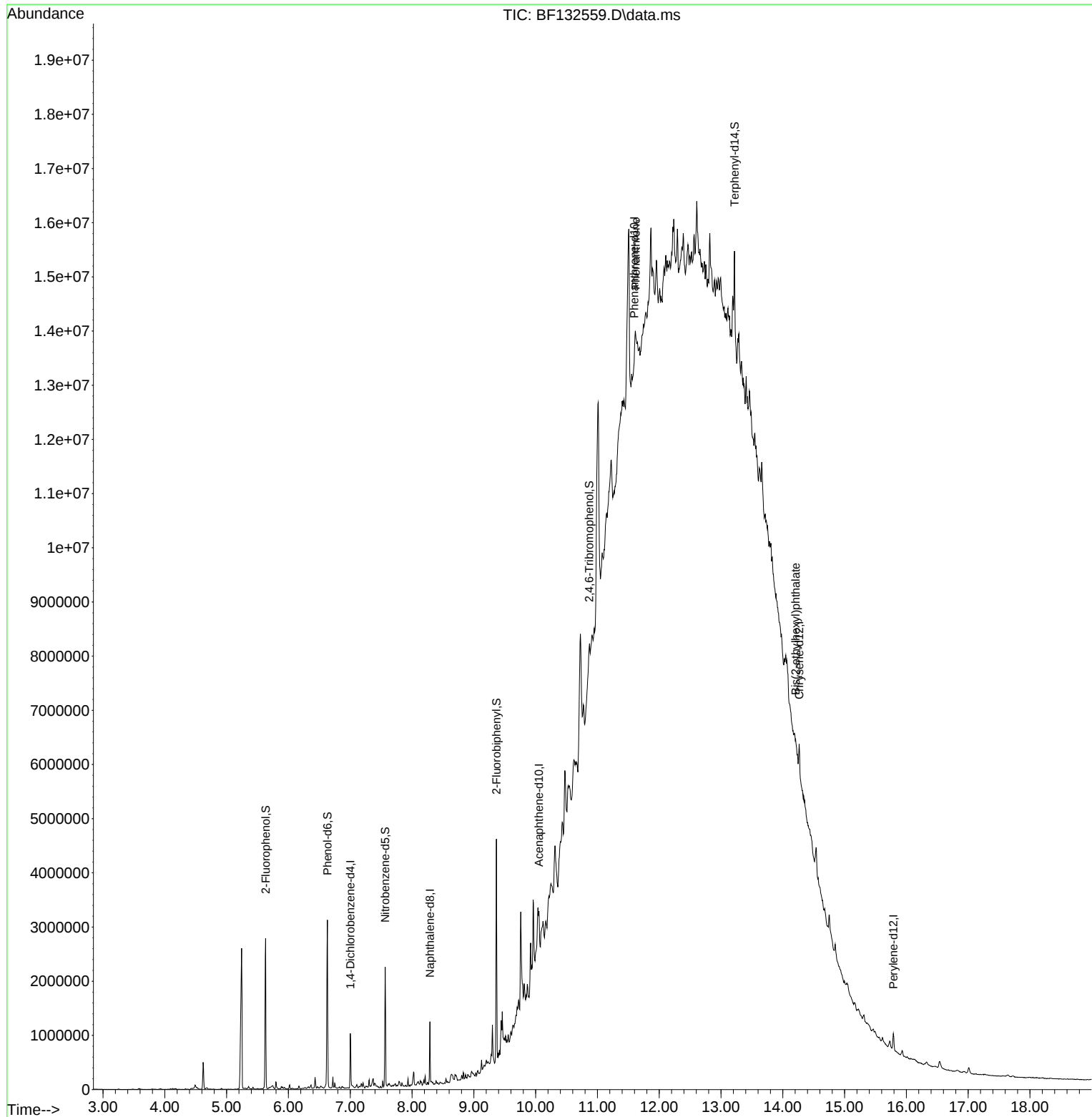
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.001	152	127983	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	420932	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	162159	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	209210	20.000	ng	# 0.05
76) Chrysene-d12	14.266	240	202977	20.000	ng	# 0.06
86) Perylene-d12	15.789	264	137428	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	743154	94.240	ng	0.00
7) Phenol-d6	6.631	99	1058044	102.807	ng	0.00
23) Nitrobenzene-d5	7.566	82	642498	72.418	ng	0.00
42) 2,4,6-Tribromophenol	10.866	330	258688	147.716	ng	0.02
45) 2-Fluorobiphenyl	9.366	172	1139267	106.976	ng	0.00
79) Terphenyl-d14	13.219	244	1137039	94.712	ng	0.08
Target Compounds						
71) Phenanthrene	11.619	178	105351	9.720	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.207	149	49659	5.551	ng	# 71

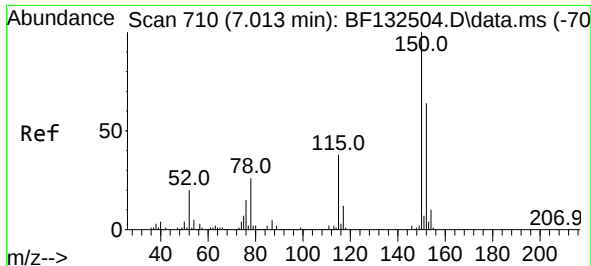
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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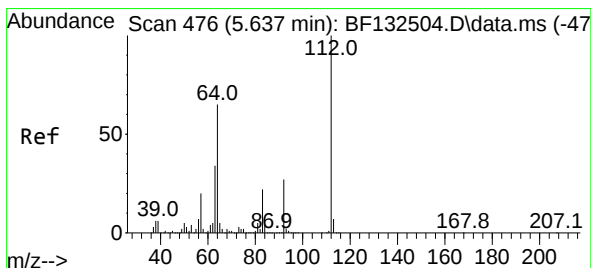
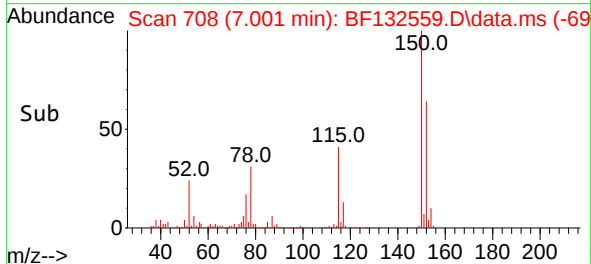
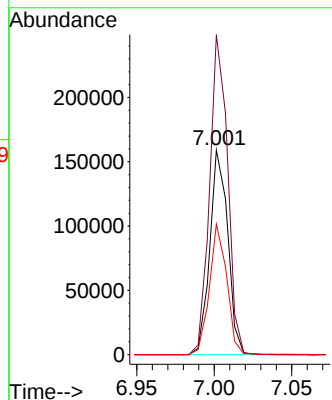
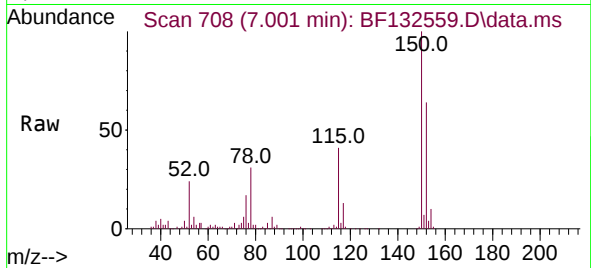




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132559.D
Acq: 27 Feb 2023 18:42

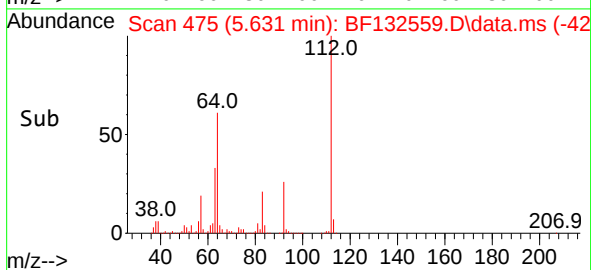
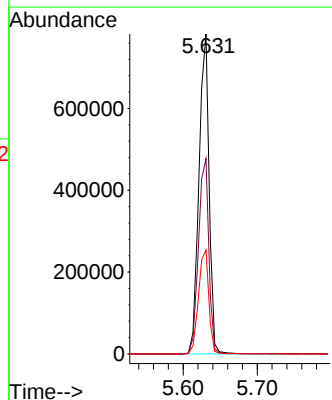
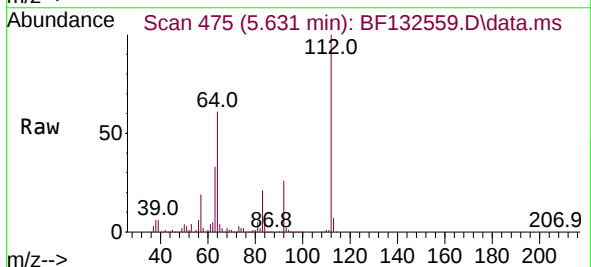
Instrument :
BNA_F
ClientSampleId :
KU-CON2

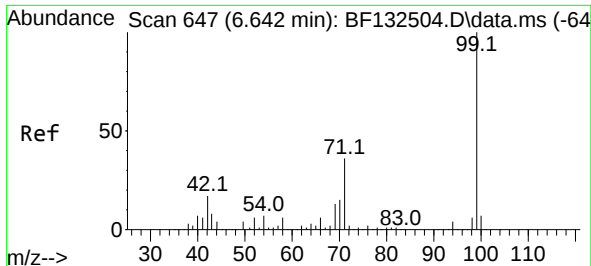
Tgt Ion:152 Resp: 127983
Ion Ratio Lower Upper
152 100
150 156.4 125.4 188.2
115 63.8 47.8 71.6



#5
2-Fluorophenol
Concen: 94.240 ng
RT: 5.631 min Scan# 475
Delta R.T. 0.000 min
Lab File: BF132559.D
Acq: 27 Feb 2023 18:42

Tgt Ion:112 Resp: 743154
Ion Ratio Lower Upper
112 100
64 61.0 51.6 77.4
63 32.5 27.4 41.2

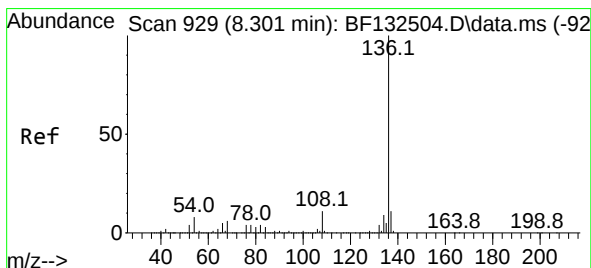
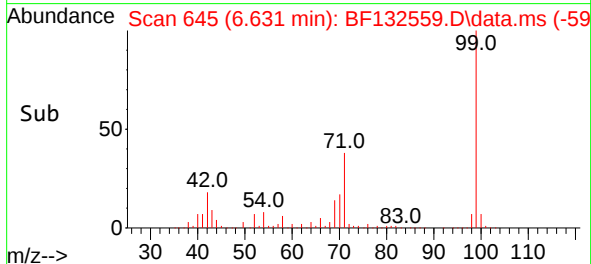
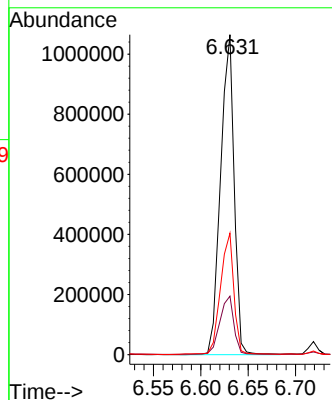
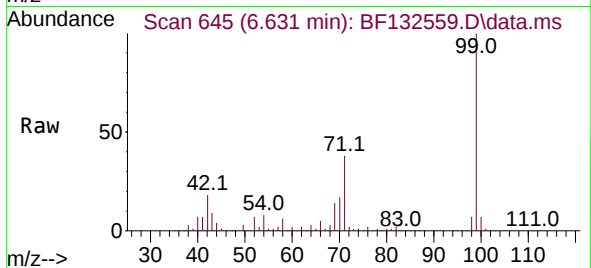




#7
Phenol-d6
Concen: 102.807 ng
RT: 6.631 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132559.D
Acq: 27 Feb 2023 18:42

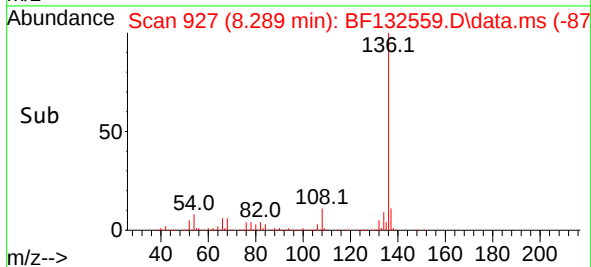
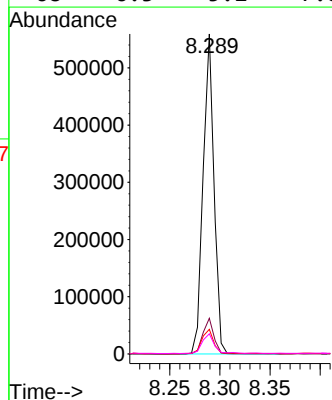
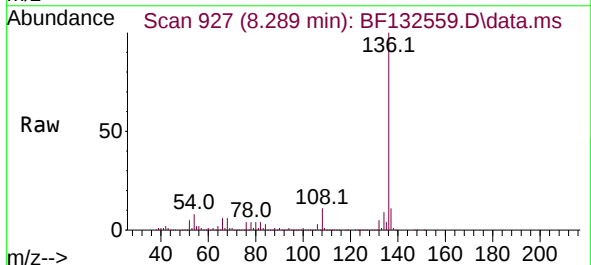
Instrument :
BNA_F
ClientSampleId :
KU-CON2

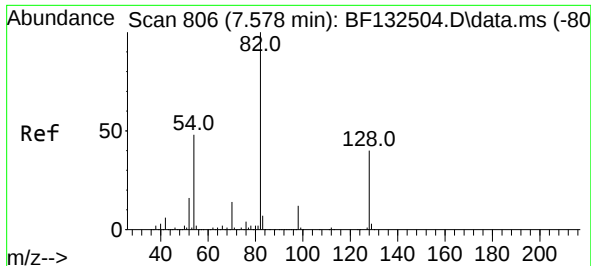
Tgt Ion: 99 Resp: 1058044
Ion Ratio Lower Upper
99 100
42 18.3 13.9 20.9
71 37.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF132559.D
Acq: 27 Feb 2023 18:42

Tgt Ion: 136 Resp: 420932
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.7 6.2 9.4
68 6.3 5.2 7.8

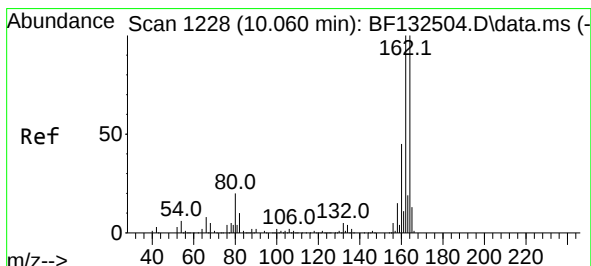
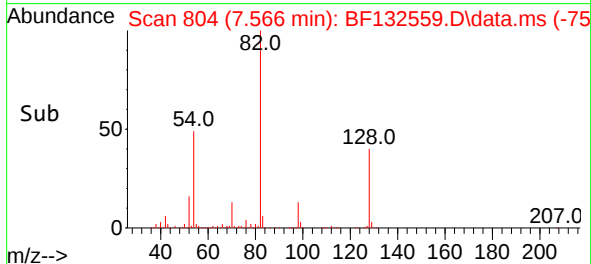
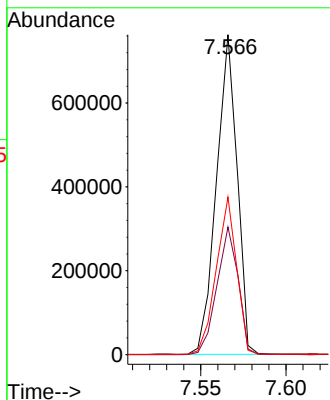
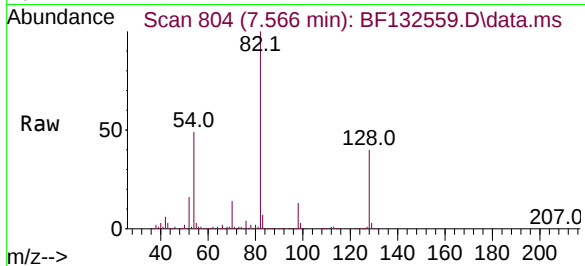




#23
Nitrobenzene-d5
Concen: 72.418 ng
RT: 7.566 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132559.D
Acq: 27 Feb 2023 18:42

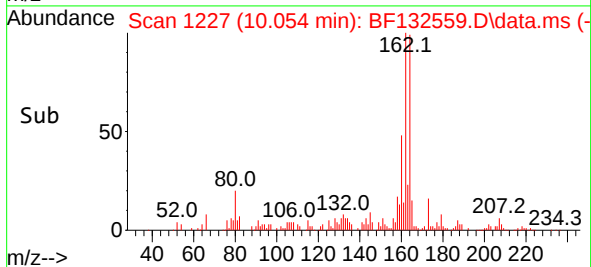
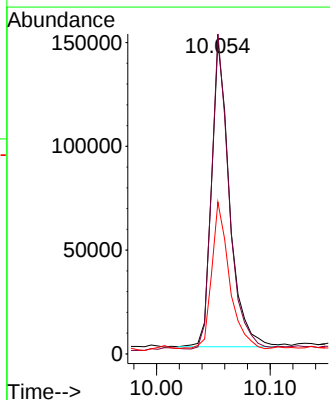
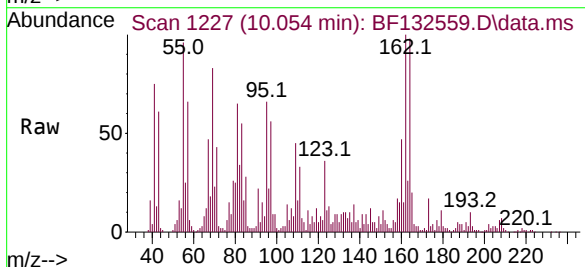
Instrument :
BNA_F
ClientSampleId :
KU-CON2

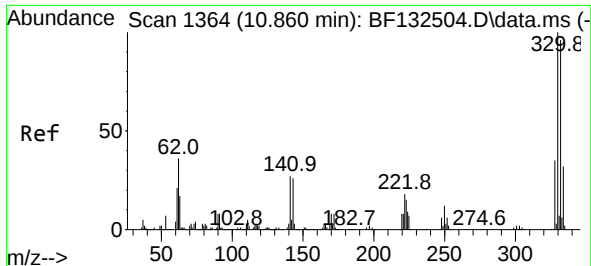
Tgt Ion: 82 Resp: 642498
Ion Ratio Lower Upper
82 100
128 39.9 32.2 48.2
54 49.2 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF132559.D
Acq: 27 Feb 2023 18:42

Tgt Ion:164 Resp: 162159
Ion Ratio Lower Upper
164 100
162 102.2 79.8 119.8
160 48.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 147.716 ng

RT: 10.866 min Scan# 1110

Delta R.T. 0.018 min

Lab File: BF132559.D

Acq: 27 Feb 2023 18:42

Instrument :

BNA_F

ClientSampleId :

KU-CON2

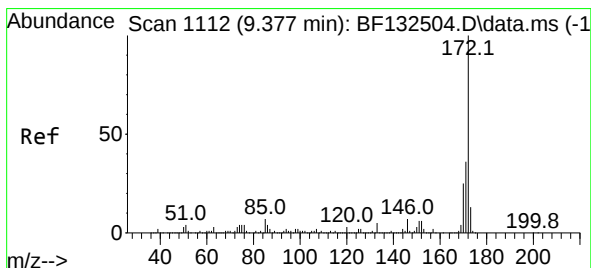
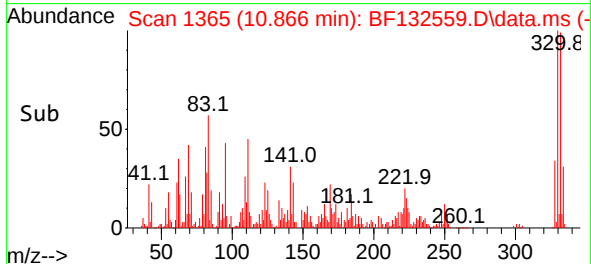
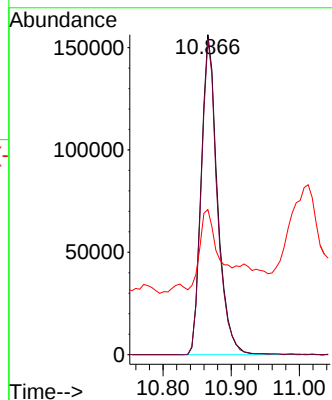
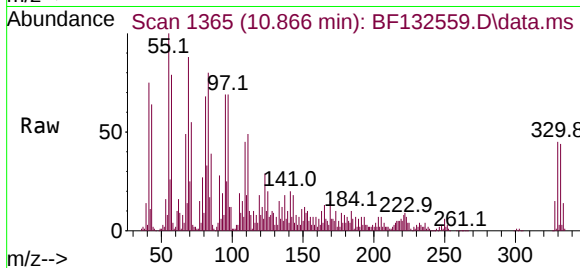
Tgt Ion:330 Resp: 258688

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

141 28.1 28.4 42.6#



#45

2-Fluorobiphenyl

Concen: 106.976 ng

RT: 9.366 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132559.D

Acq: 27 Feb 2023 18:42

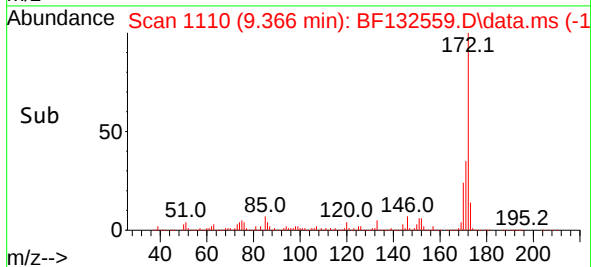
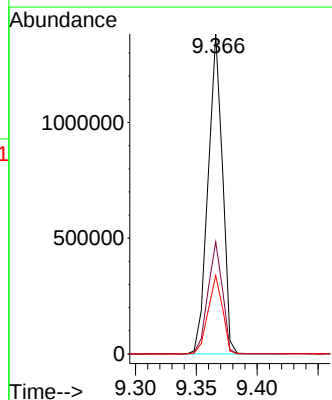
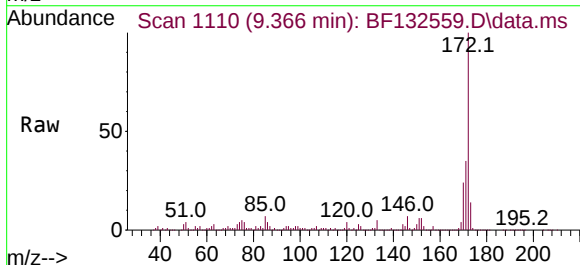
Tgt Ion:172 Resp: 1139267

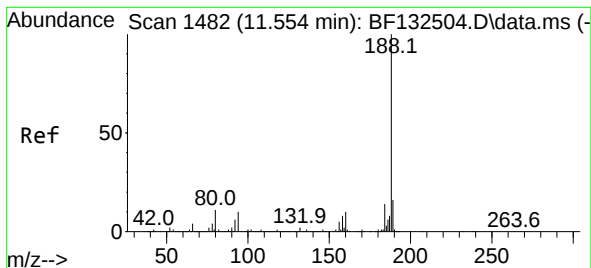
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 24.5 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.595 min Scan# 1489

Delta R.T. 0.047 min

Lab File: BF132559.D

Acq: 27 Feb 2023 18:42

Instrument :

BNA_F

ClientSampleId :

KU-CON2

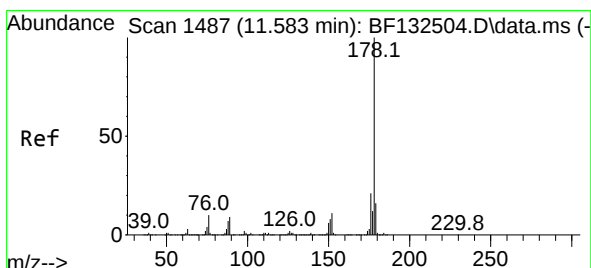
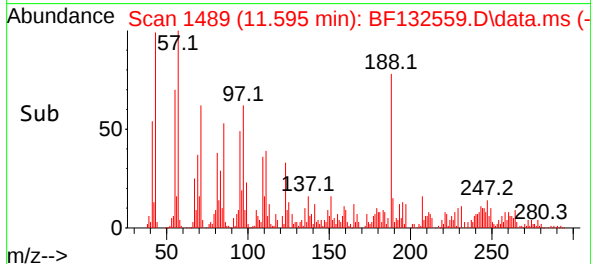
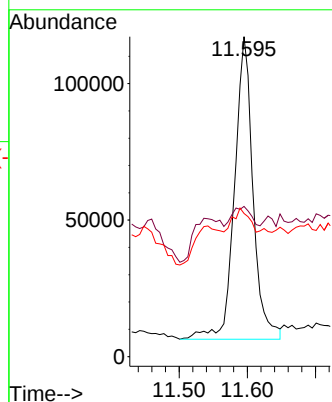
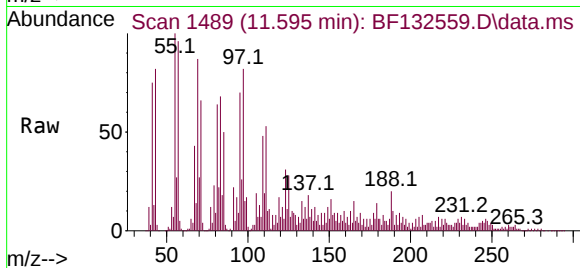
Tgt Ion:188 Resp: 209210

Ion Ratio Lower Upper

188 100

94 46.9 8.3 12.5#

80 44.7 8.7 13.1#



#71

Phenanthrene

Concen: 9.720 ng

RT: 11.619 min Scan# 1493

Delta R.T. 0.041 min

Lab File: BF132559.D

Acq: 27 Feb 2023 18:42

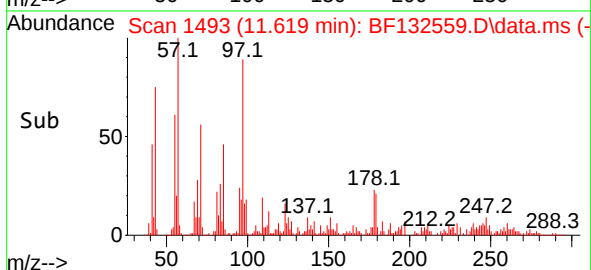
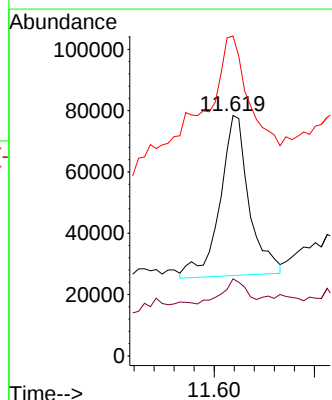
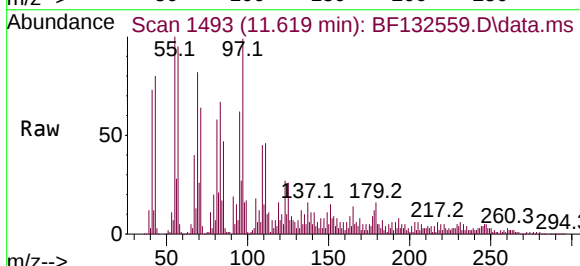
Tgt Ion:178 Resp: 105351

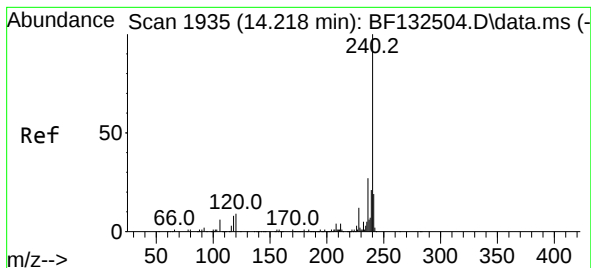
Ion Ratio Lower Upper

178 100

176 32.0 16.5 24.7#

179 133.1 13.0 19.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.266 min Scan# 1935

Delta R.T. 0.059 min

Lab File: BF132559.D

Acq: 27 Feb 2023 18:42

Instrument :

BNA_F

ClientSampleId :

KU-CON2

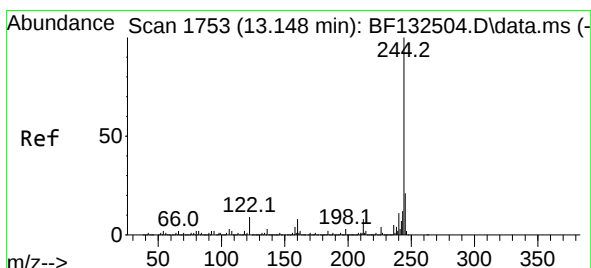
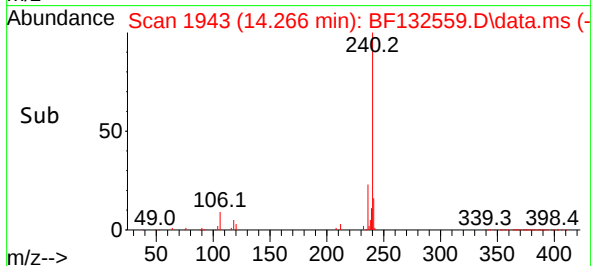
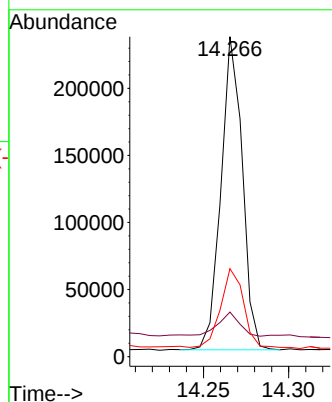
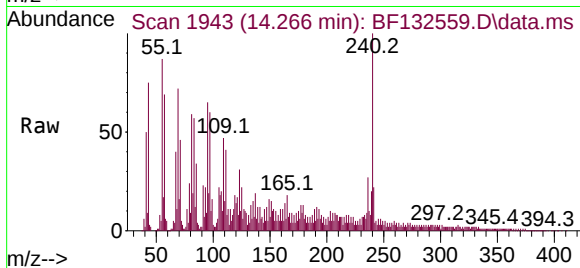
Tgt Ion:240 Resp: 202977

Ion Ratio Lower Upper

240 100

120 13.9 7.2 10.8#

236 27.5 21.8 32.6



#79

Terphenyl-d14

Concen: 94.712 ng

RT: 13.219 min Scan# 1765

Delta R.T. 0.077 min

Lab File: BF132559.D

Acq: 27 Feb 2023 18:42

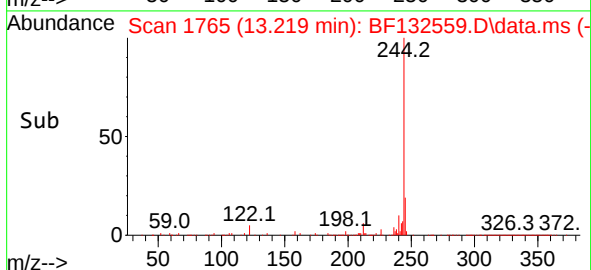
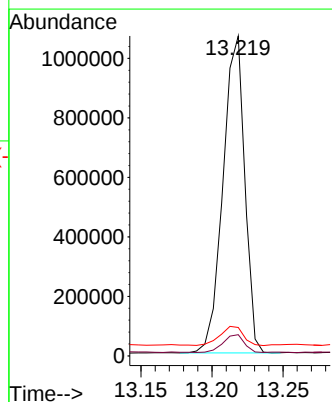
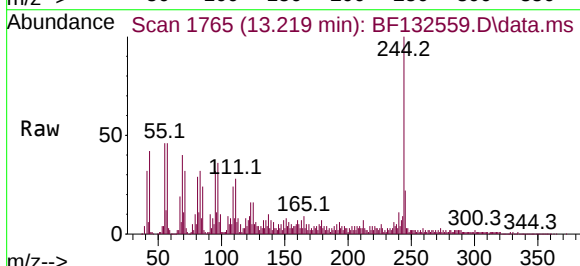
Tgt Ion:244 Resp: 1137039

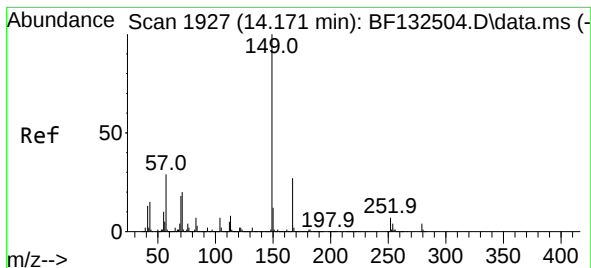
Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

122 8.9 7.5 11.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.551 ng

RT: 14.207 min Scan# 19

Delta R.T. 0.041 min

Lab File: BF132559.D

Acq: 27 Feb 2023 18:42

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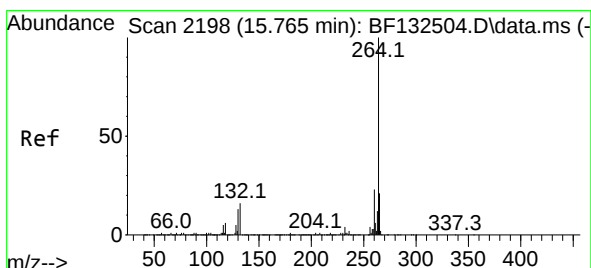
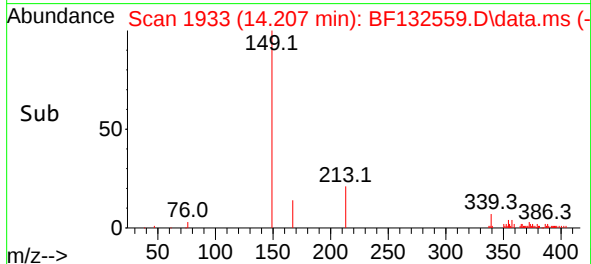
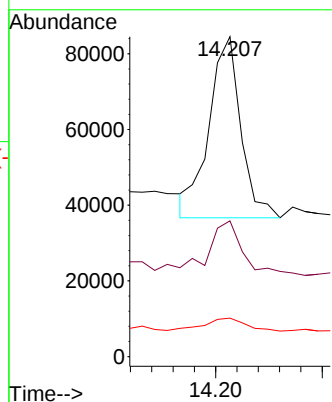
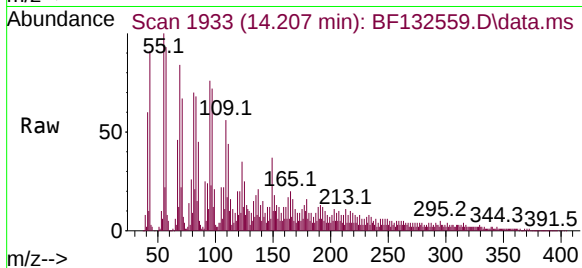
Tgt Ion:149 Resp: 49659

Ion Ratio Lower Upper

149 100

167 42.4 21.8 32.6#

279 12.0 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.789 min Scan# 2202

Delta R.T. 0.035 min

Lab File: BF132559.D

Acq: 27 Feb 2023 18:42

Tgt Ion:264 Resp: 137428

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.5 17.1 25.7

