

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131470.D
 Acq On : 30 Nov 2022 14:29
 Operator : CG\JU
 Sample : N5784-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-1-CONCRETE

Quant Time: Dec 01 01:12:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 01:09:58 2022
 Response via : Initial Calibration

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

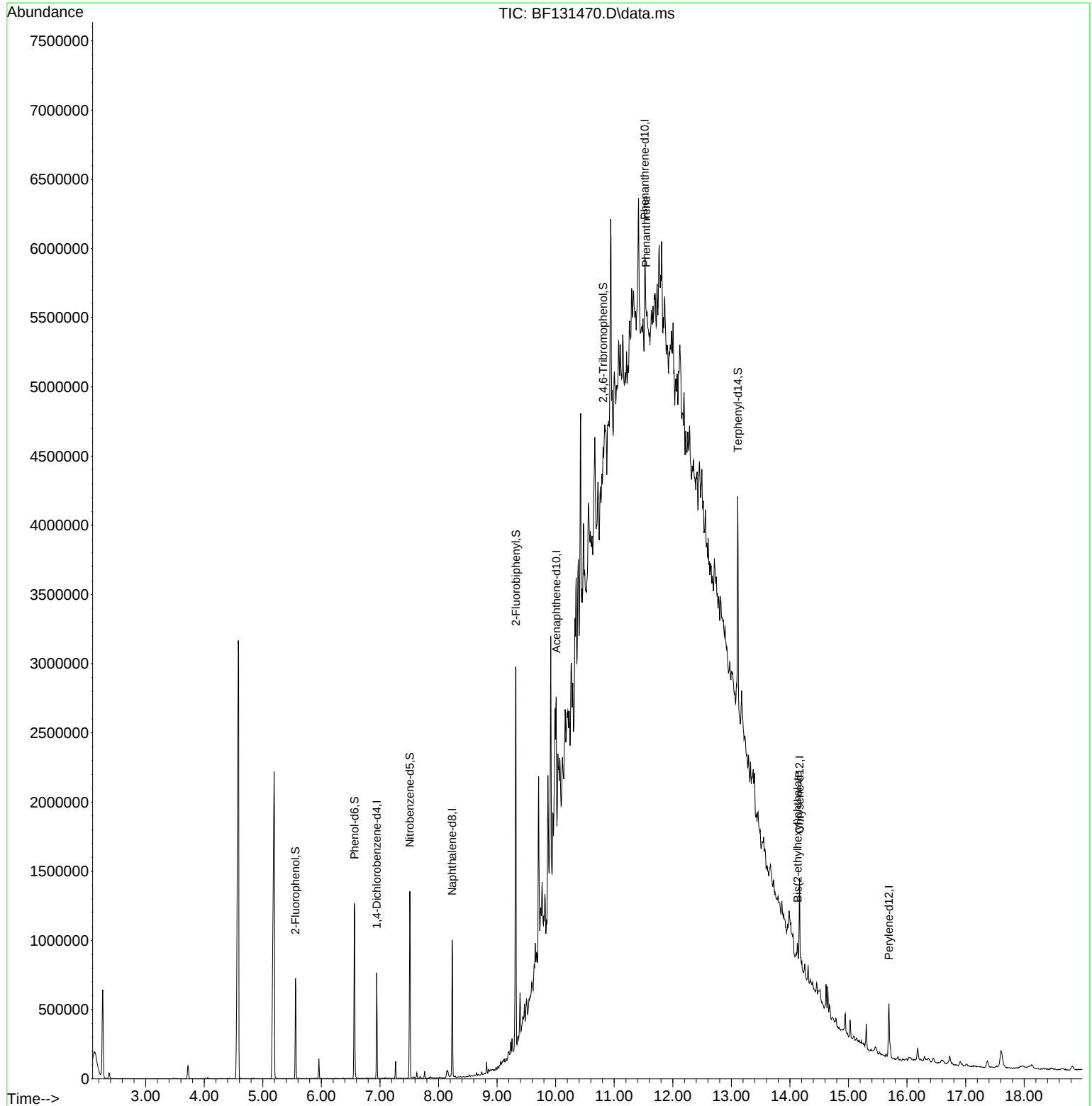
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	103278	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	439469	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	202531	20.000	ng	0.00
64) Phenanthrene-d10	11.521	188	228135	20.000	ng	# 0.02
76) Chrysene-d12	14.163	240	189707	20.000	ng	# 0.00
86) Perylene-d12	15.692	264	185192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	178640	32.920	ng	0.00
7) Phenol-d6	6.563	99	437859	63.242	ng	0.00
23) Nitrobenzene-d5	7.510	82	455063	52.197	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	20500	12.031	ng	0.01
45) 2-Fluorobiphenyl	9.322	172	968116	69.542	ng	0.00
79) Terphenyl-d14	13.110	244	626514	54.005	ng	0.01
Target Compounds						
71) Phenanthrene	11.545	178	44257	3.590	ng	# 48
84) Bis(2-ethylhexyl)phtha...	14.133	149	32304	7.734	ng	# 94

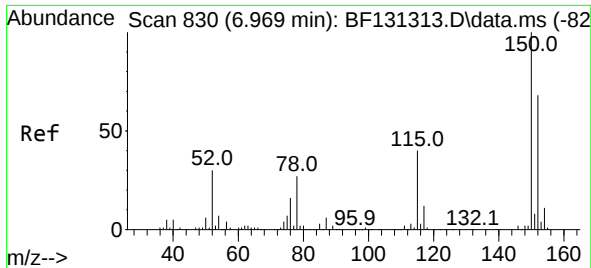
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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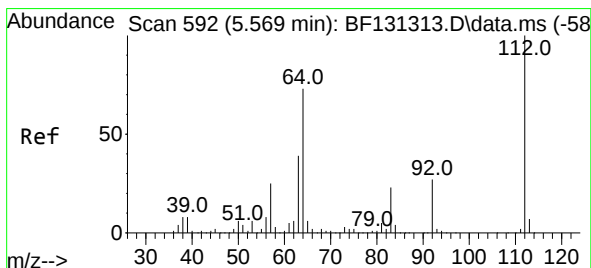
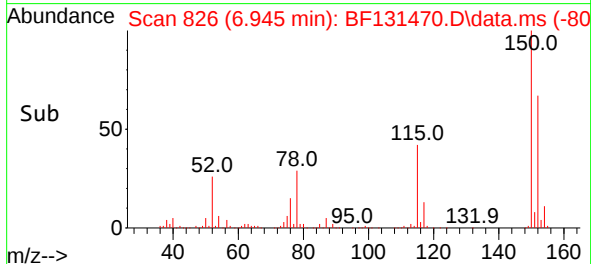
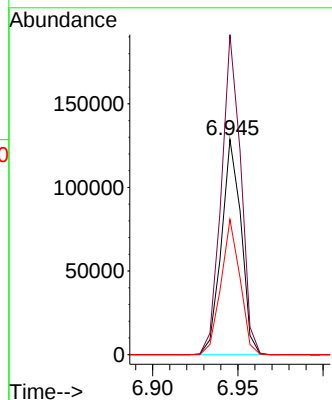
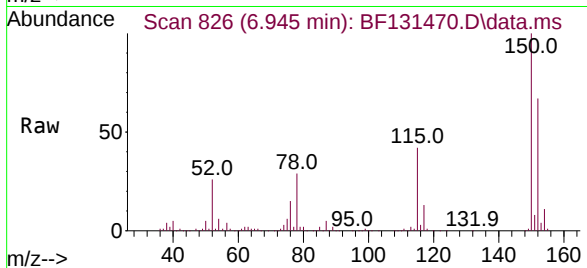




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131470.D
 Acq: 30 Nov 2022 14:29

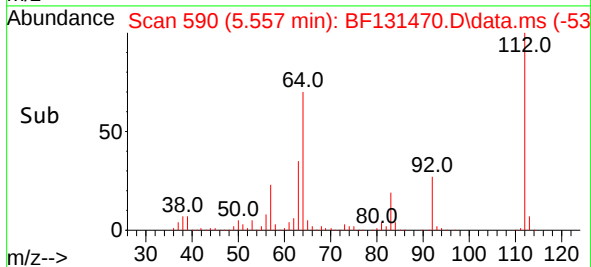
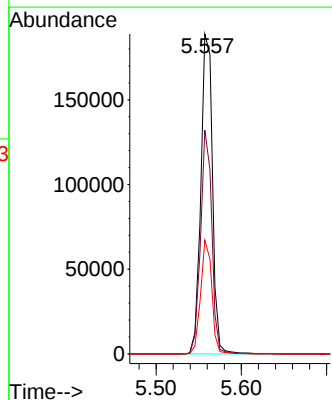
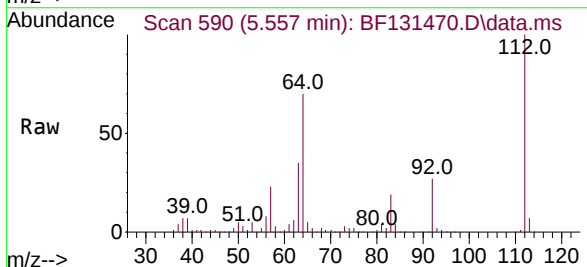
Instrument :
 BNA_F
 ClientSampleId :
 220-1-CONCRETE

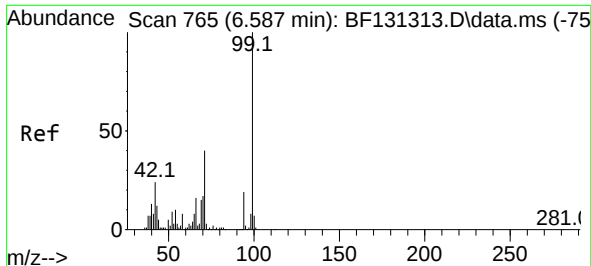
Tgt Ion:152 Resp: 103278
 Ion Ratio Lower Upper
 152 100
 150 148.7 117.8 176.8
 115 62.9 47.1 70.7



#5
 2-Fluorophenol
 Concen: 32.920 ng
 RT: 5.557 min Scan# 590
 Delta R.T. -0.000 min
 Lab File: BF131470.D
 Acq: 30 Nov 2022 14:29

Tgt Ion:112 Resp: 178640
 Ion Ratio Lower Upper
 112 100
 64 69.9 58.6 88.0
 63 35.5 31.4 47.0

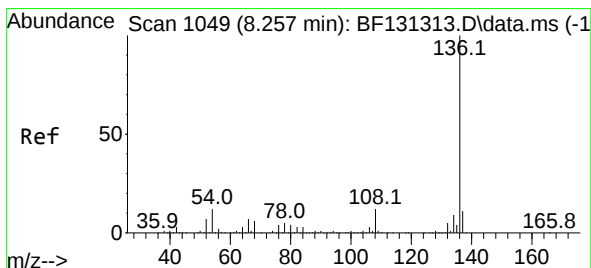
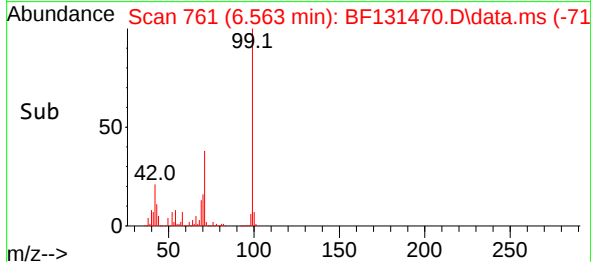
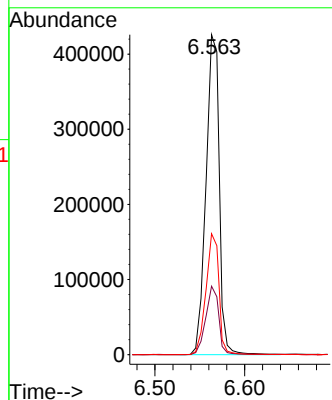
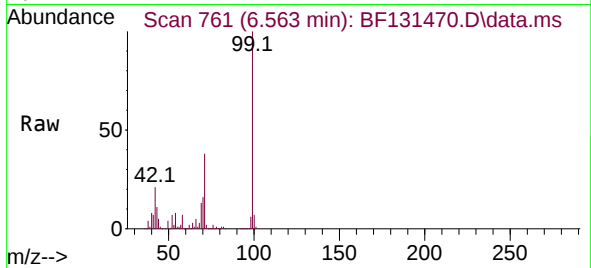




#7
Phenol-d6
Concen: 63.242 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

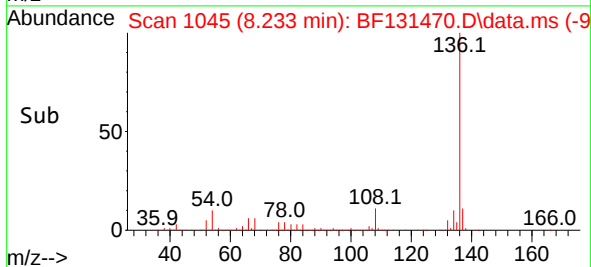
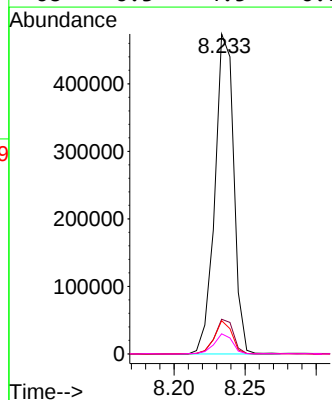
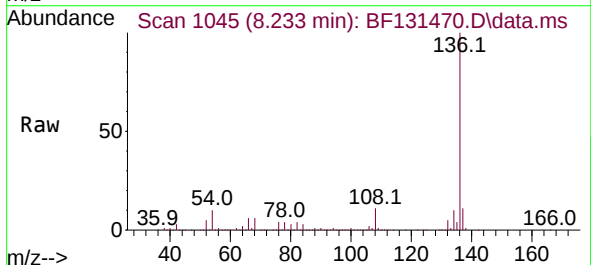
Instrument :
BNA_F
ClientSampleId :
220-1-CONCRETE

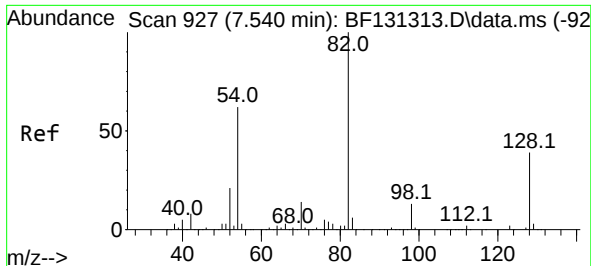
Tgt Ion: 99 Resp: 437859
Ion Ratio Lower Upper
99 100
42 21.4 19.4 29.2
71 37.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion: 136 Resp: 439469
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.4 9.4 14.0
68 6.3 4.5 6.7

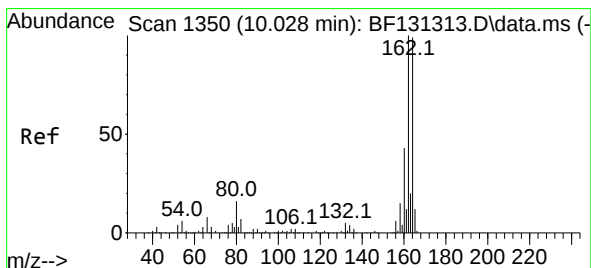
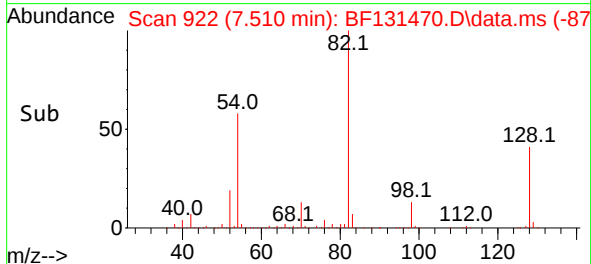
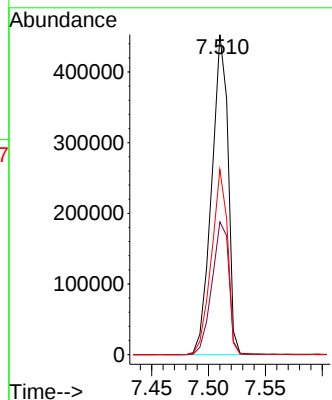
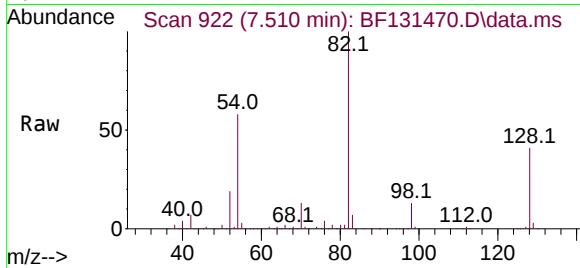




#23
Nitrobenzene-d5
Concen: 52.197 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

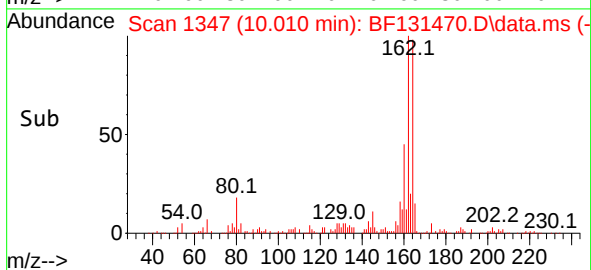
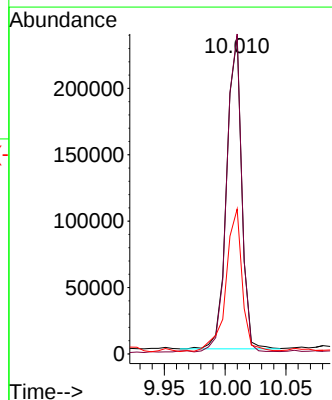
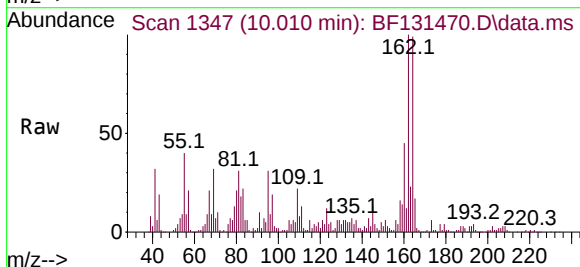
Instrument :
BNA_F
ClientSampleId :
220-1-CONCRETE

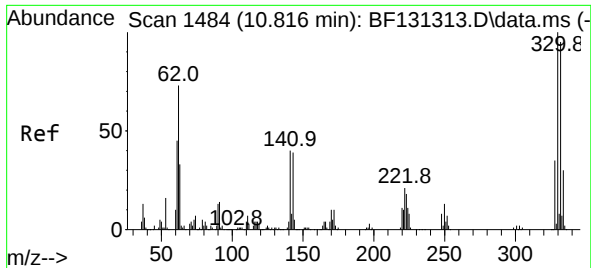
Tgt Ion: 82 Resp: 455063
Ion Ratio Lower Upper
82 100
128 41.5 31.4 47.0
54 57.9 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion:164 Resp: 202531
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 45.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 12.031 ng

RT: 10.810 min Scan# 1484

Delta R.T. 0.012 min

Lab File: BF131470.D

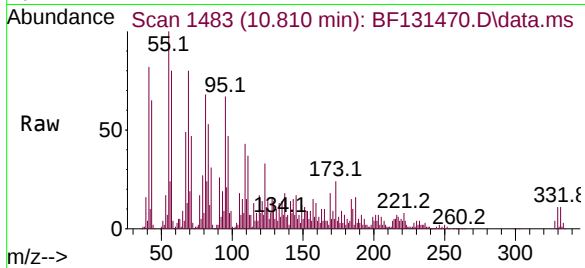
Acq: 30 Nov 2022 14:29

Instrument :

BNA_F

ClientSampleId :

220-1-CONCRETE



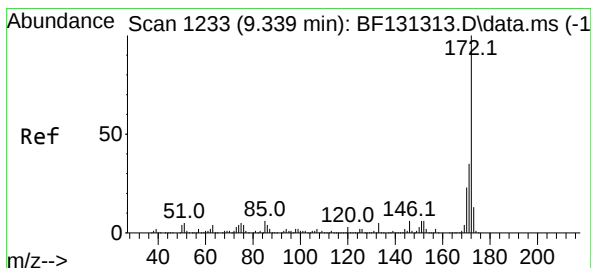
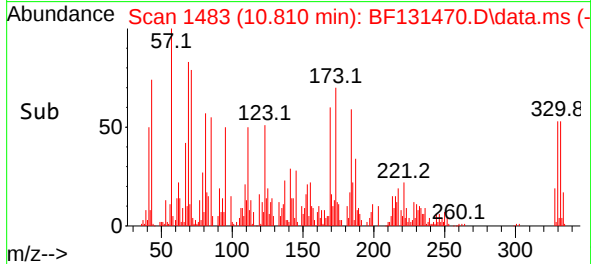
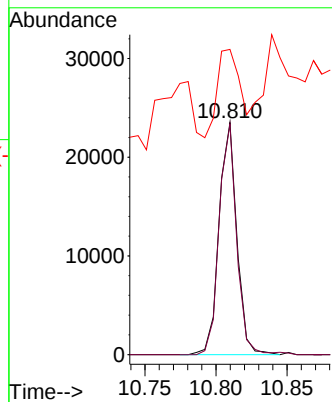
Tgt Ion:330 Resp: 20500

Ion Ratio Lower Upper

330 100

332 97.8 77.5 116.3

141 48.8 29.3 43.9#



#45

2-Fluorobiphenyl

Concen: 69.542 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF131470.D

Acq: 30 Nov 2022 14:29

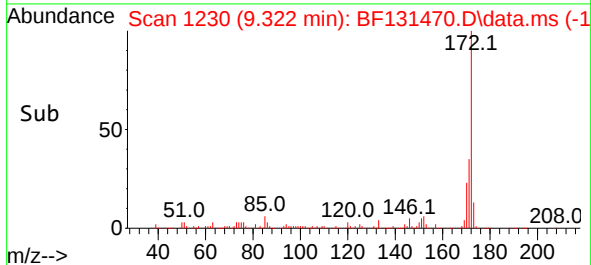
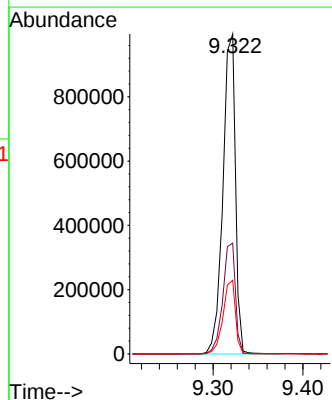
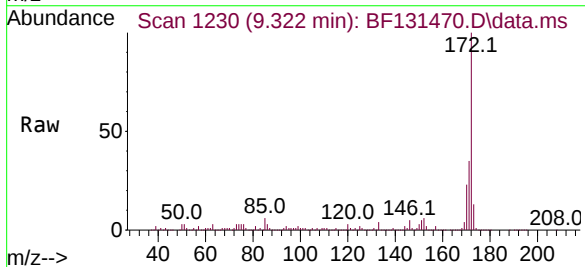
Tgt Ion:172 Resp: 968116

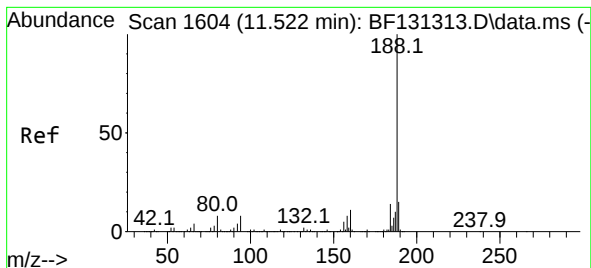
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.521 min Scan# 1604

Delta R.T. 0.018 min

Lab File: BF131470.D

Acq: 30 Nov 2022 14:29

Instrument :

BNA_F

ClientSampleId :

220-1-CONCRETE

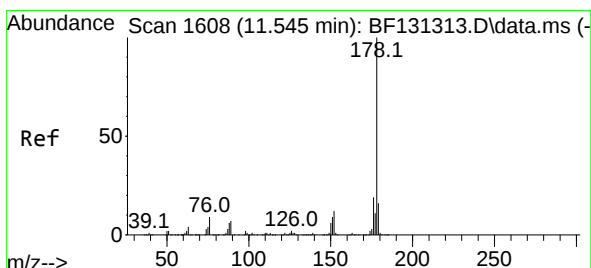
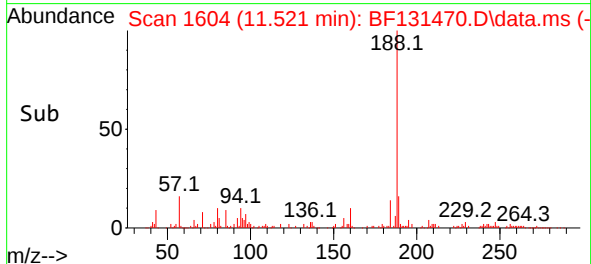
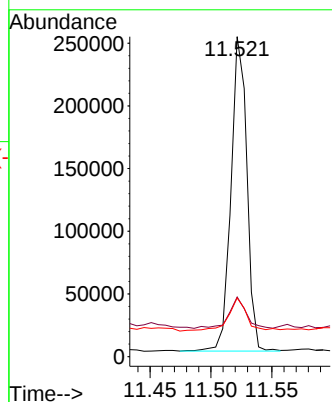
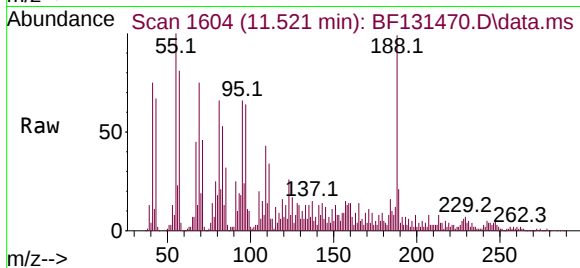
Tgt Ion:188 Resp: 228135

Ion Ratio Lower Upper

188 100

94 18.6 6.3 9.5#

80 18.3 6.8 10.2#



#71

Phenanthrene

Concen: 3.590 ng

RT: 11.545 min Scan# 1608

Delta R.T. 0.018 min

Lab File: BF131470.D

Acq: 30 Nov 2022 14:29

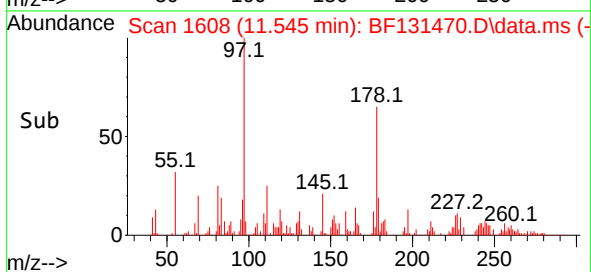
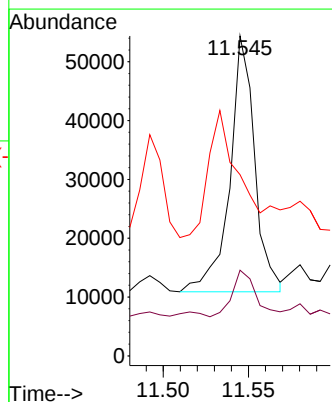
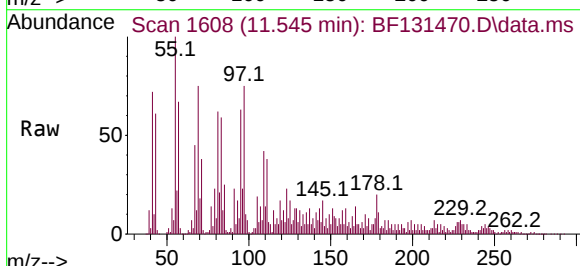
Tgt Ion:178 Resp: 44257

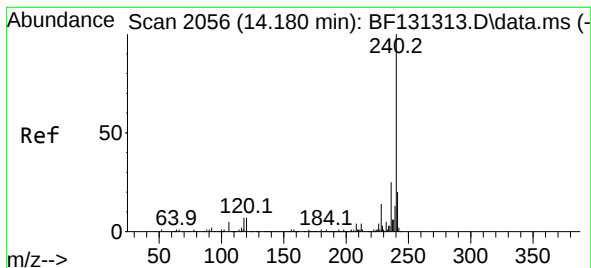
Ion Ratio Lower Upper

178 100

176 26.8 15.6 23.4#

179 56.6 12.4 18.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF131470.D

Acq: 30 Nov 2022 14:29

Instrument :

BNA_F

ClientSampleId :

220-1-CONCRETE

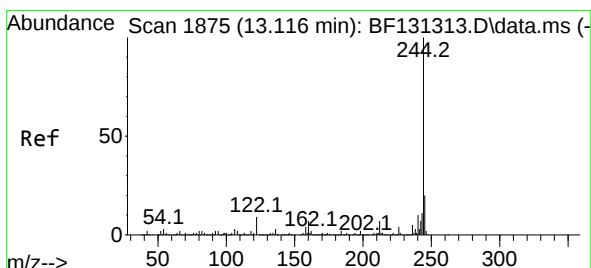
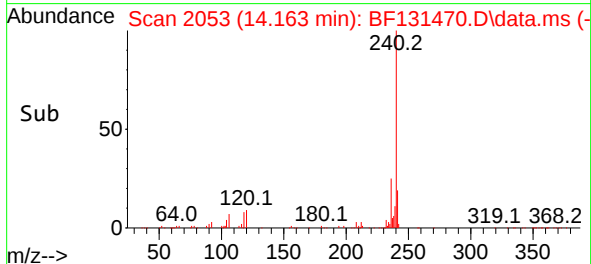
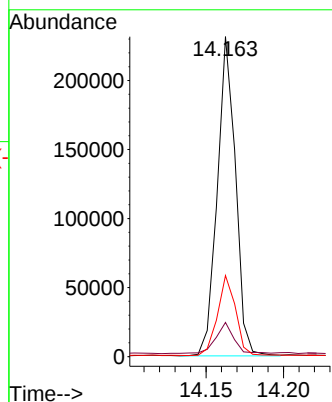
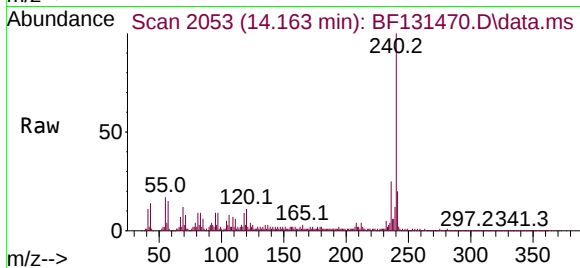
Tgt Ion:240 Resp: 189707

Ion Ratio Lower Upper

240 100

120 10.7 5.8 8.8#

236 25.3 20.3 30.5



#79

Terphenyl-d14

Concen: 54.005 ng

RT: 13.110 min Scan# 1874

Delta R.T. 0.012 min

Lab File: BF131470.D

Acq: 30 Nov 2022 14:29

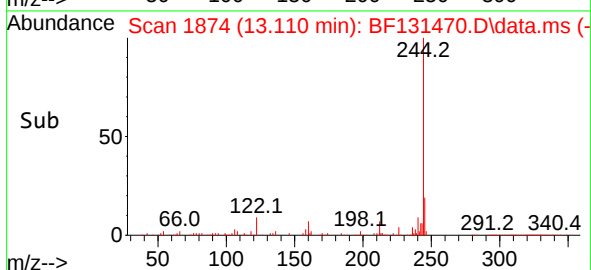
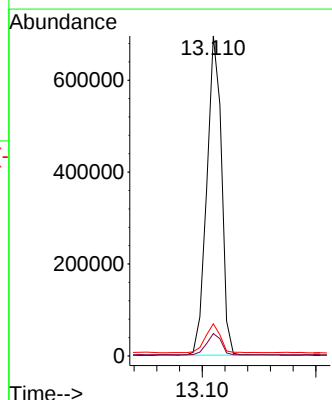
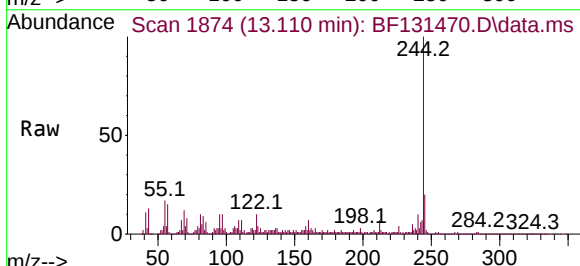
Tgt Ion:244 Resp: 626514

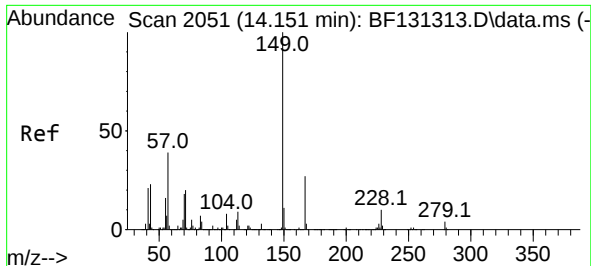
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.0 7.5 11.3

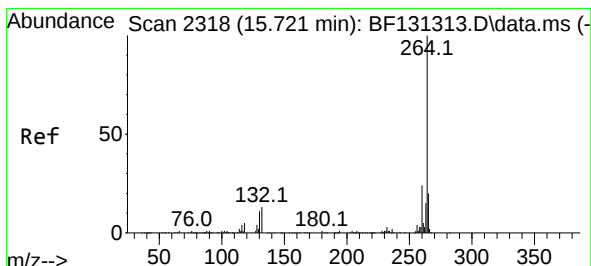
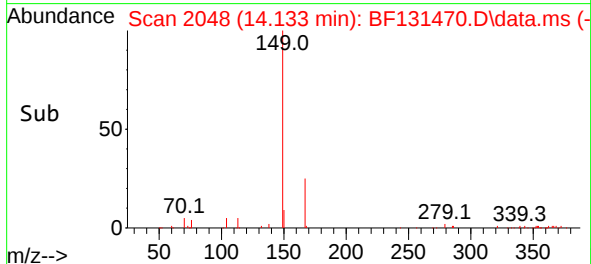
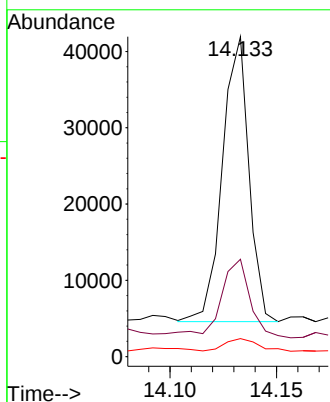
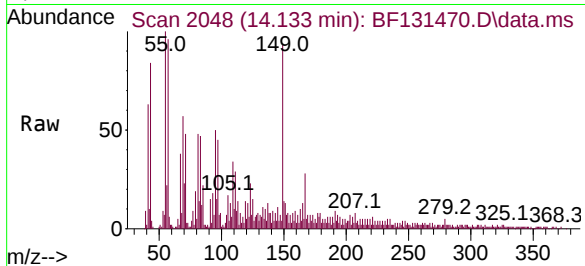




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.734 ng
RT: 14.133 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:149 Resp: 32304
Ion Ratio Lower Upper
149 100
167 30.4 21.9 32.9
279 5.6 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.692 min Scan# 2313
Delta R.T. -0.000 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion:264 Resp: 185192
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 21.5 16.4 24.6

