

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131624.D
 Acq On : 13 Dec 2022 21:28
 Operator : CG\JU
 Sample : N6007-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-CONCRETE-1212

Quant Time: Dec 14 03:35:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	52586	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	182541	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	91818	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	142213	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	119191	20.000	ng	# 0.02
86) Perylene-d12	15.598	264	123137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	313720	99.527	ng	0.00
7) Phenol-d6	6.516	99	482157	116.728	ng	0.00
23) Nitrobenzene-d5	7.445	82	330090	68.366	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	61031	59.827	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	553085	75.951	ng	0.00
79) Terphenyl-d14	13.057	244	539345	62.057	ng	0.03

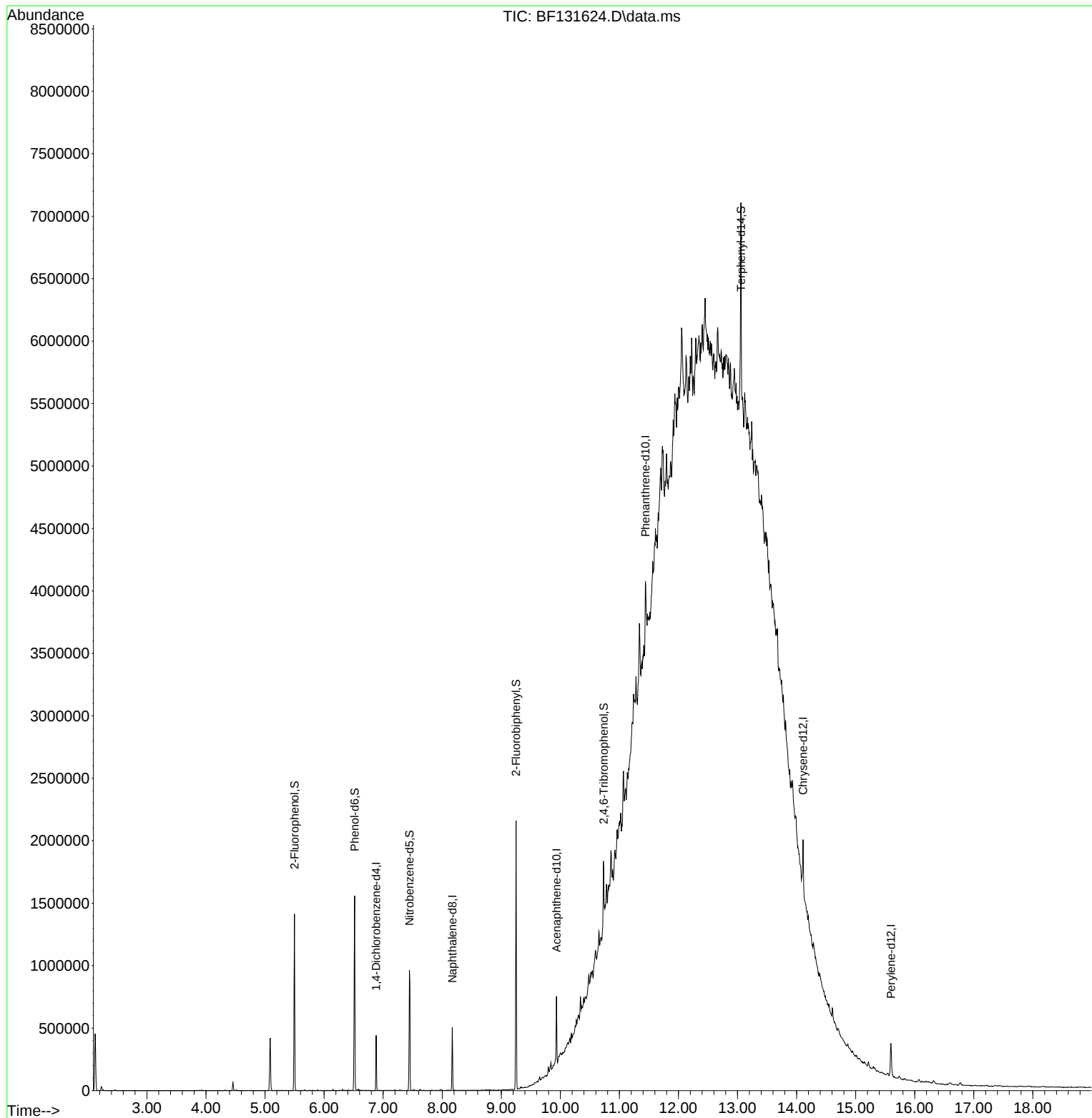
Target Compounds Qvalue

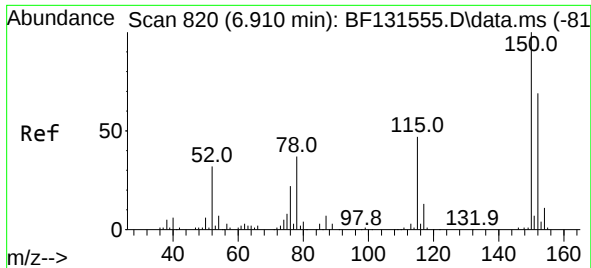
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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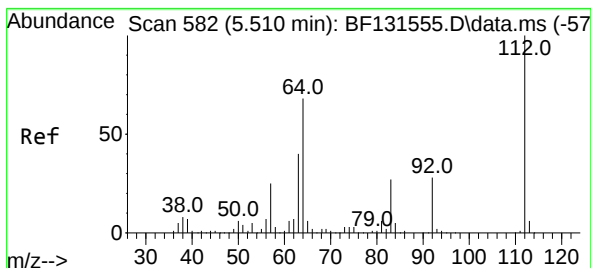
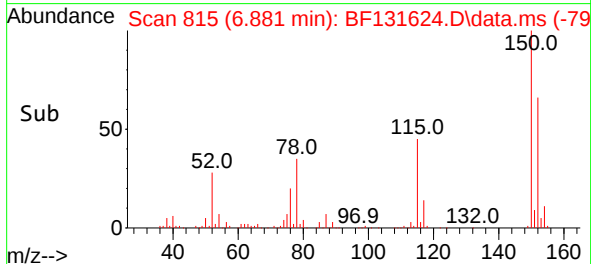
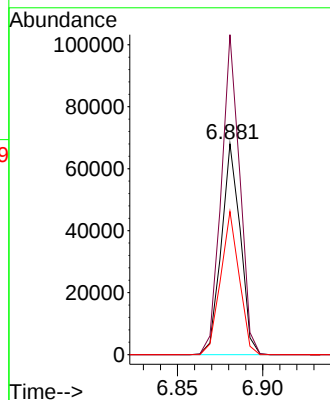
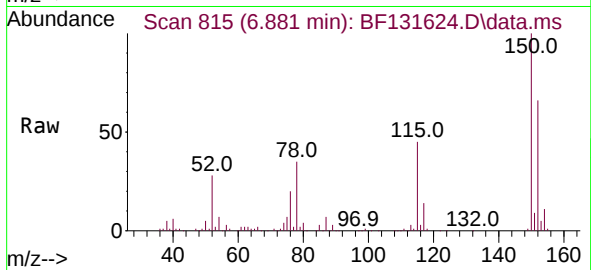




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

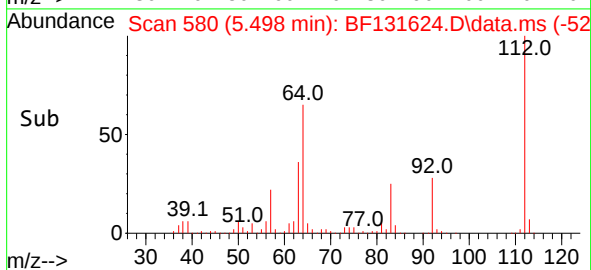
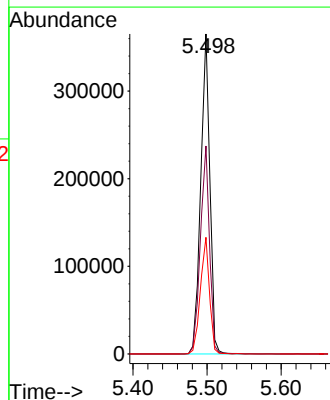
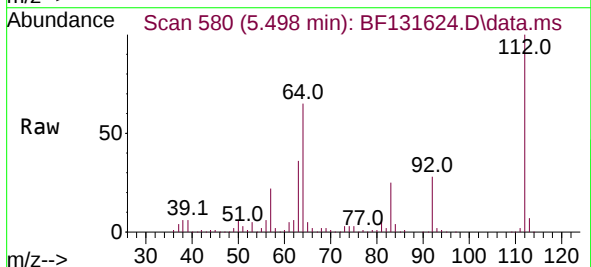
Instrument :
BNA_F
ClientSampleId :
MOO-CONCRETE-1212

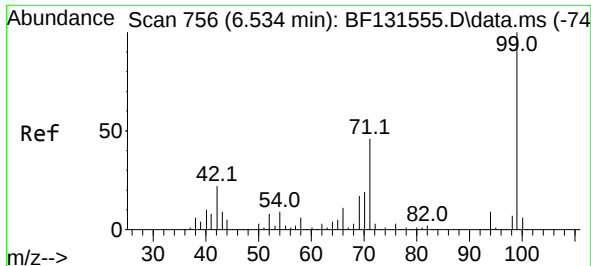
Tgt Ion:152 Resp: 52586
Ion Ratio Lower Upper
152 100
150 151.8 116.7 175.1
115 67.9 54.6 82.0



#5
2-Fluorophenol
Concen: 99.527 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

Tgt Ion:112 Resp: 313720
Ion Ratio Lower Upper
112 100
64 65.0 54.5 81.7
63 36.4 31.9 47.9

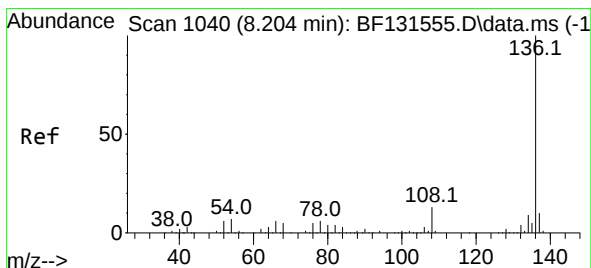
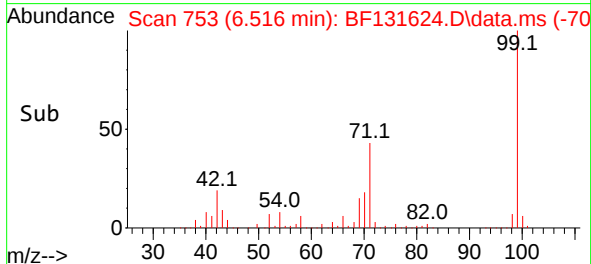
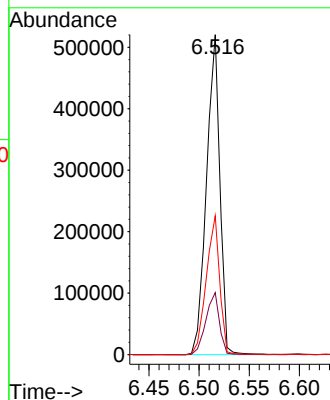
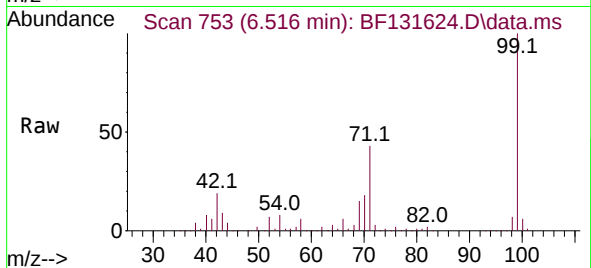




#7
Phenol-d6
Concen: 116.728 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

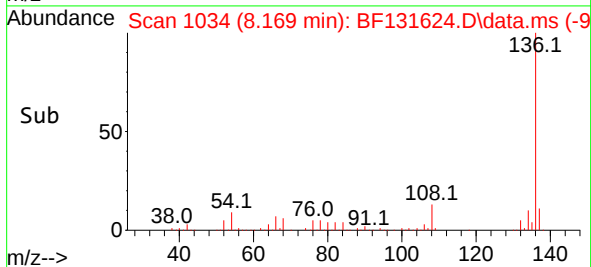
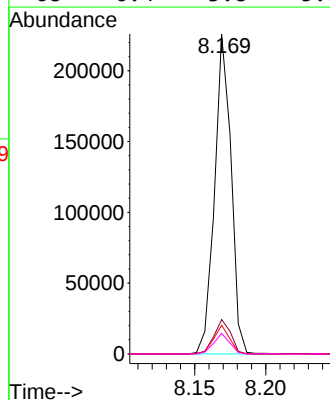
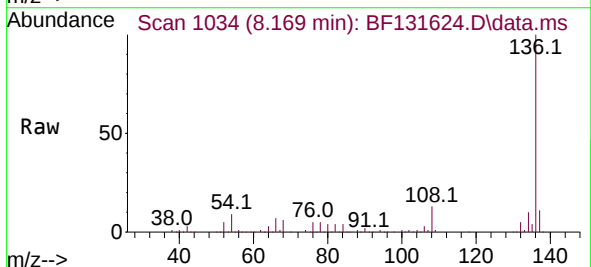
Instrument :
BNA_F
ClientSampleId :
MOO-CONCRETE-1212

Tgt Ion: 99 Resp: 482157
Ion Ratio Lower Upper
99 100
42 19.4 17.9 26.9
71 43.4 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

Tgt Ion: 136 Resp: 182541
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 9.0 6.0 9.0
68 6.4 3.8 5.8





#23

Nitrobenzene-d5

Concen: 68.366 ng

RT: 7.445 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131624.D

Acq: 13 Dec 2022 21:28

Instrument :

BNA_F

ClientSampleId :

MOO-CONCRETE-1212

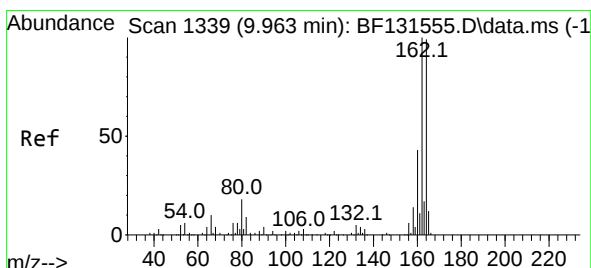
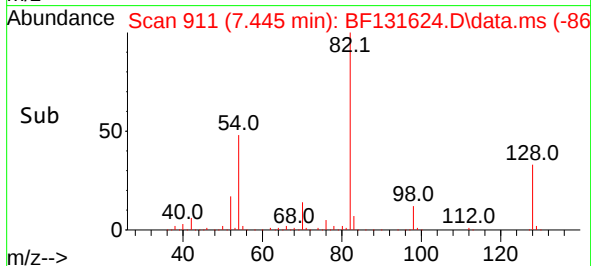
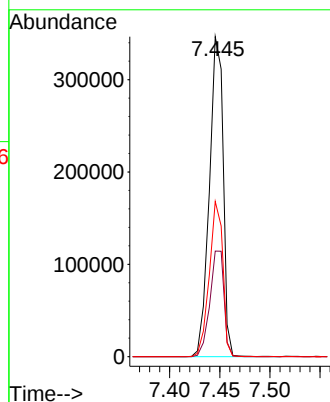
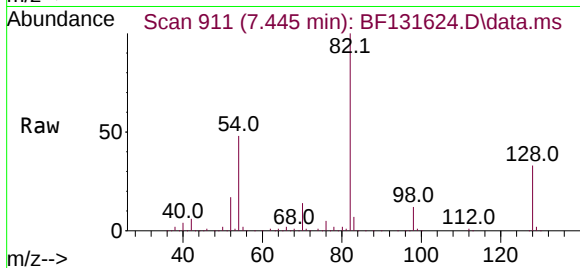
Tgt Ion: 82 Resp: 330090

Ion Ratio Lower Upper

82 100

128 33.0 26.1 39.1

54 48.5 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131624.D

Acq: 13 Dec 2022 21:28

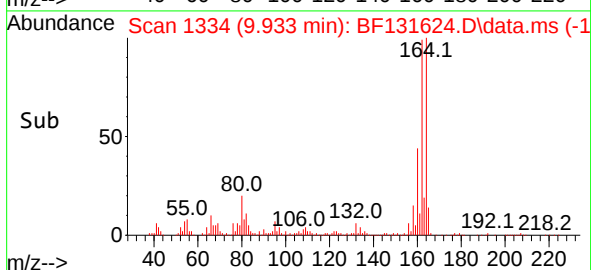
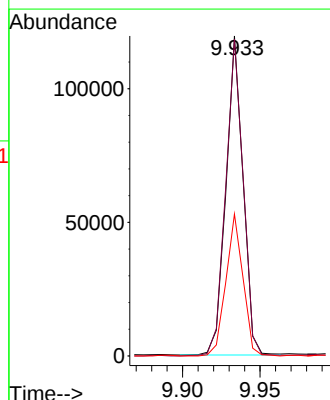
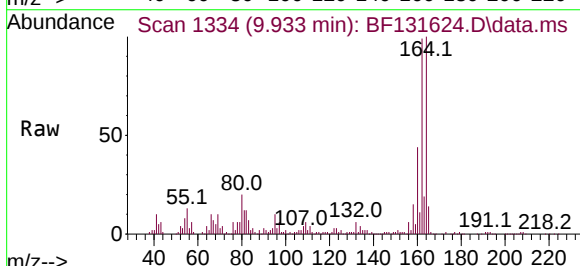
Tgt Ion:164 Resp: 91818

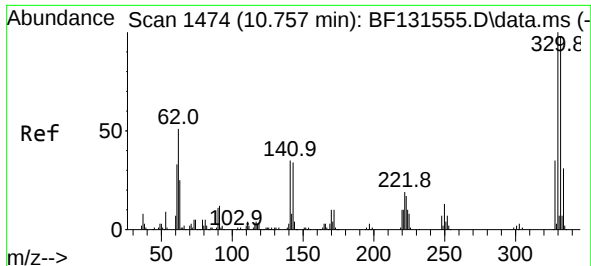
Ion Ratio Lower Upper

164 100

162 99.0 81.0 121.6

160 44.3 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 59.827 ng

RT: 10.733 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131624.D

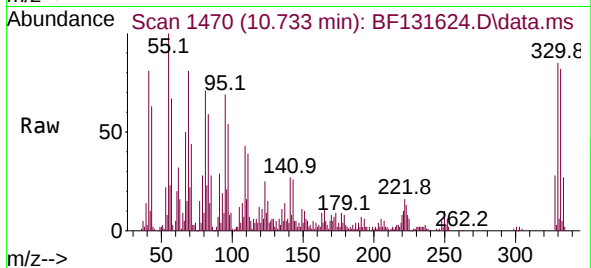
Acq: 13 Dec 2022 21:28

Instrument :

BNA_F

ClientSampleId :

MOO-CONCRETE-1212



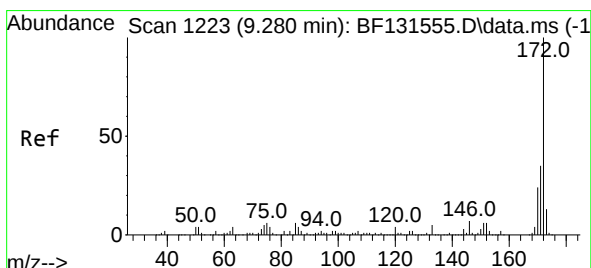
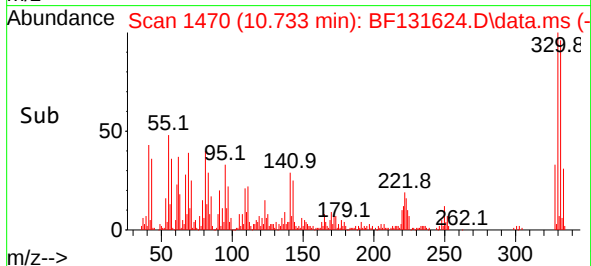
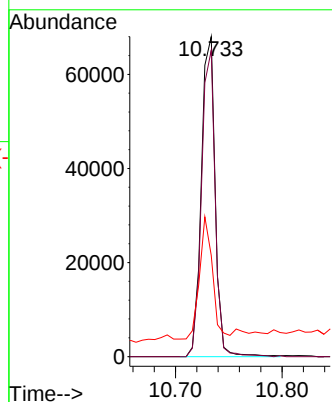
Tgt Ion:330 Resp: 61031

Ion Ratio Lower Upper

330 100

332 94.8 78.3 117.5

141 35.9 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 75.951 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131624.D

Acq: 13 Dec 2022 21:28

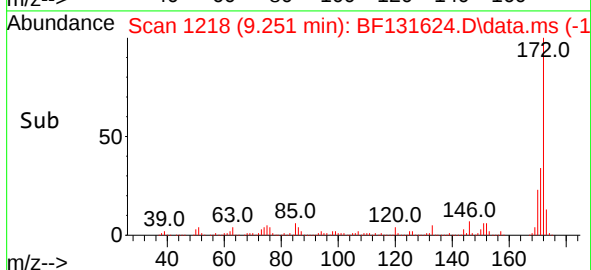
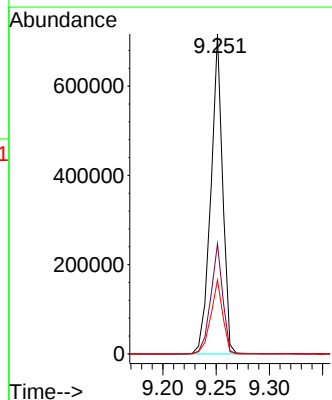
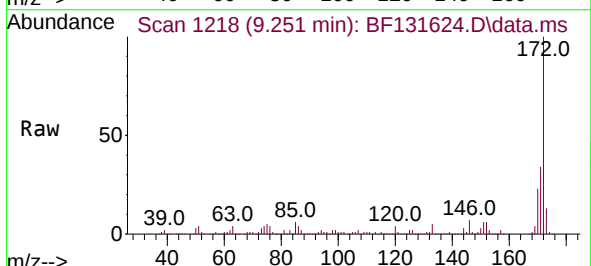
Tgt Ion:172 Resp: 553085

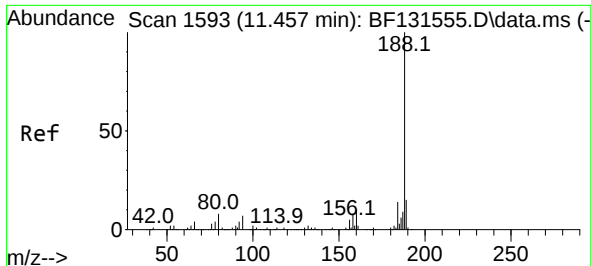
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 23.1 19.3 28.9

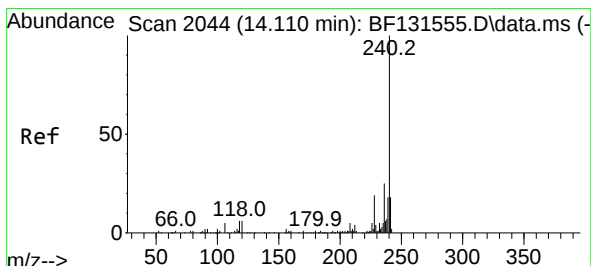
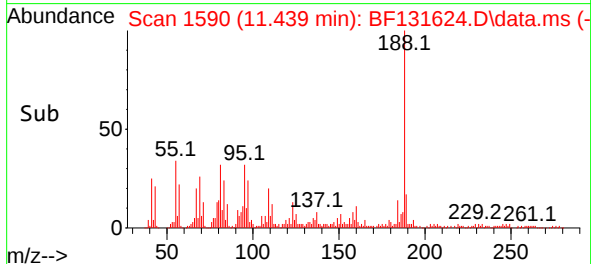
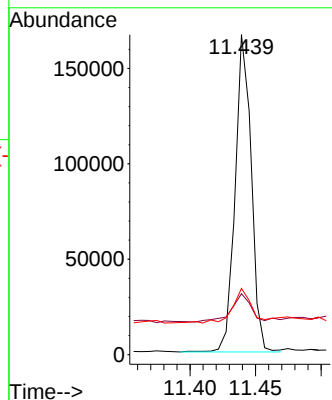
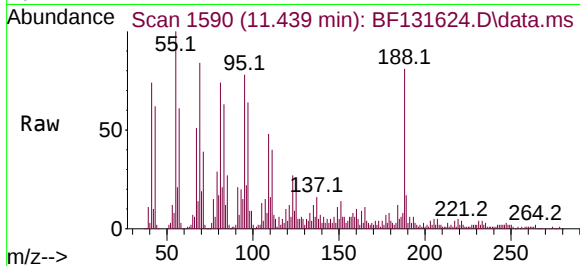




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

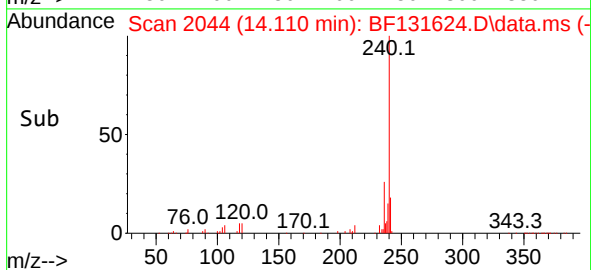
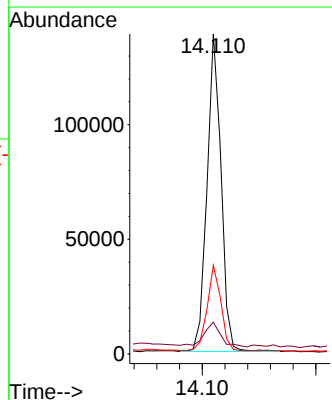
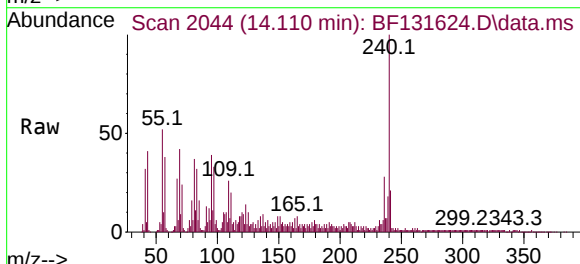
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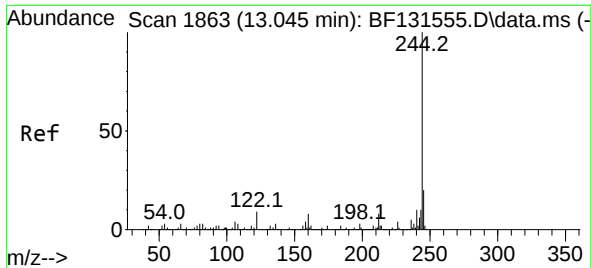
Tgt Ion:188 Resp: 142213
Ion Ratio Lower Upper
188 100
94 19.0 5.5 8.3#
80 20.7 6.6 10.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.024 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

Tgt Ion:240 Resp: 119191
Ion Ratio Lower Upper
240 100
120 9.9 4.6 7.0#
236 27.7 20.2 30.2

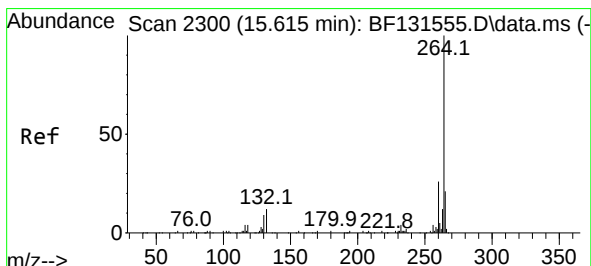
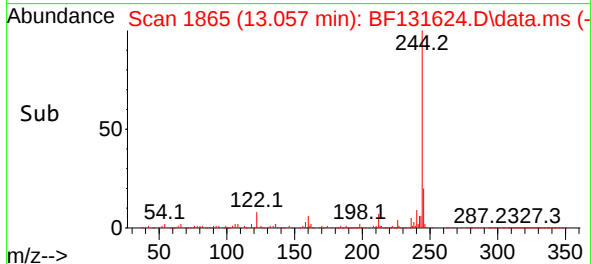
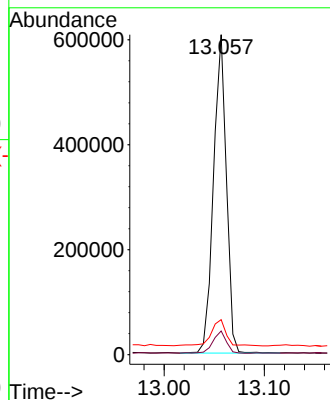
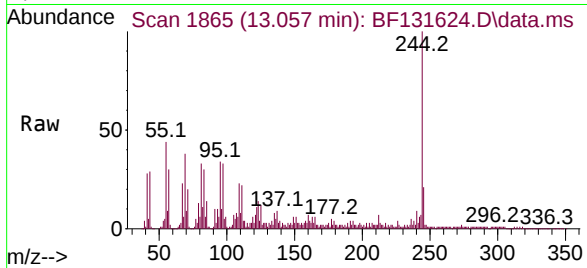




#79
 Terphenyl-d14
 Concen: 62.057 ng
 RT: 13.057 min Scan# 1863
 Delta R.T. 0.030 min
 Lab File: BF131624.D
 Acq: 13 Dec 2022 21:28

Instrument :
 BNA_F
 ClientSampleId :
 MOO-CONCRETE-1212

Tgt Ion:244 Resp: 539345
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 10.9 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.598 min Scan# 2297
 Delta R.T. 0.006 min
 Lab File: BF131624.D
 Acq: 13 Dec 2022 21:28

Tgt Ion:264 Resp: 123137
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.6 30.8
 265 21.3 16.8 25.2

