

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)

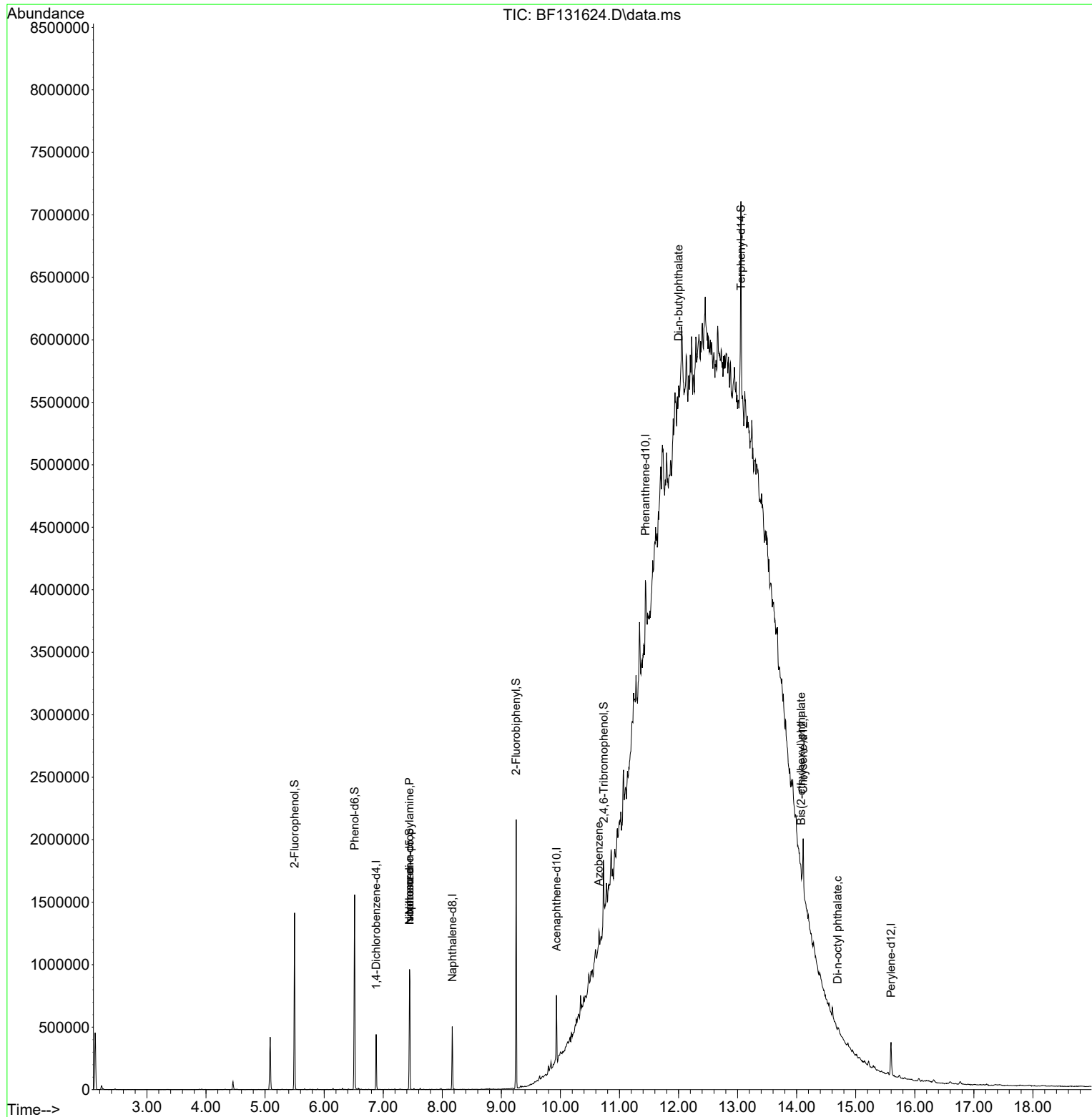
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	52586	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	182541	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	91818	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	142213	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	119191	20.000	ng	# 0.02
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.445	70	46619	15.052	ng	# 77
25) Isophorone	7.445	82	330142	42.450	ng	# 69
63) Azobenzene	10.651	77	31822	4.154	ng	# 26
74) Di-n-butylphthalate	12.004	149	27575	3.571	ng	# 35
84) Bis(2-ethylhexyl)phtha...	14.074	149	12189	5.497	ng	# 79
85) Di-n-octyl phthalate	14.692	149	2485	5.511	ng	# 74

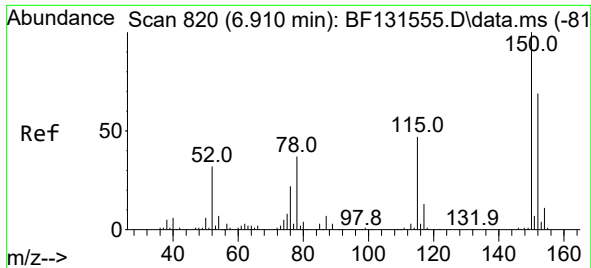
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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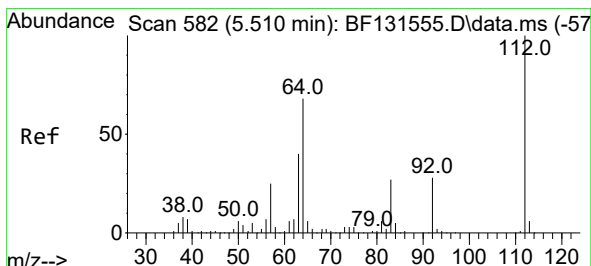
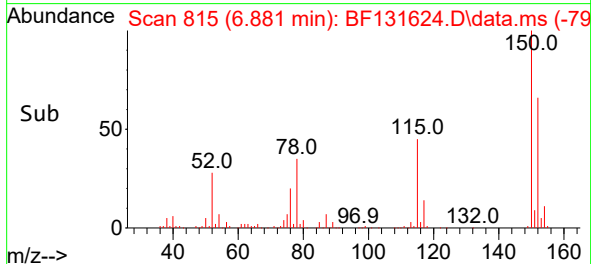
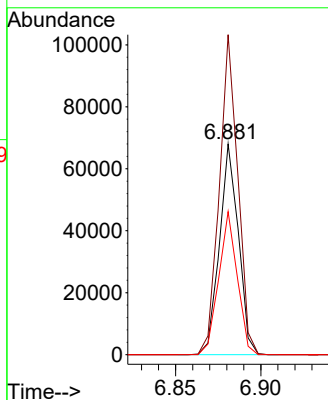
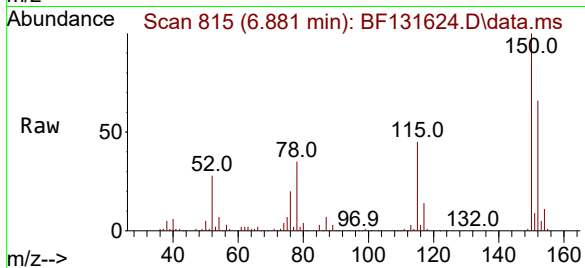




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

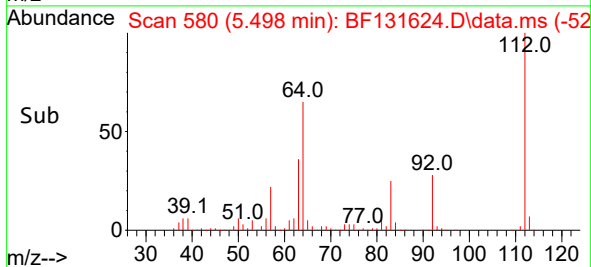
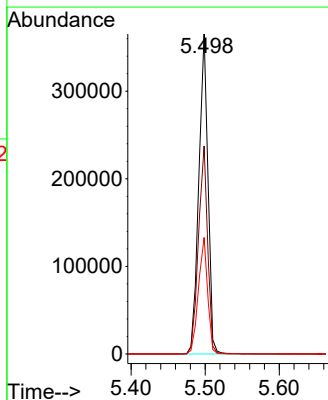
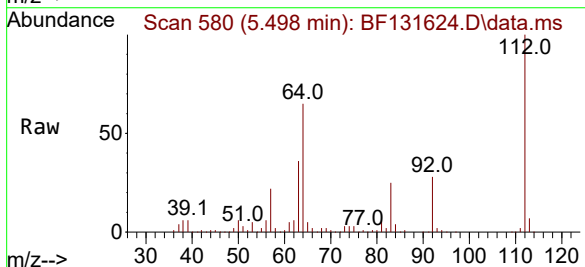
Instrument :
BNA_F
ClientSampleId :
MOO-CONCRETE-1212

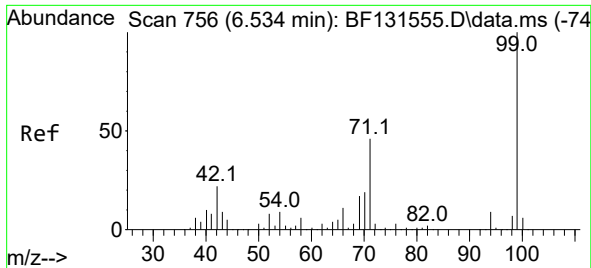
Tgt Ion:152 Resp: 52586
Ion Ratio Lower Upper
152 100
150 151.8 116.7 175.1
115 67.9 54.6 82.0



#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

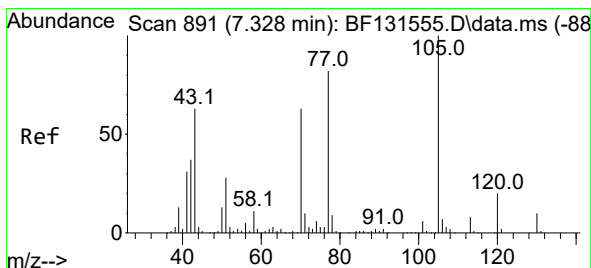
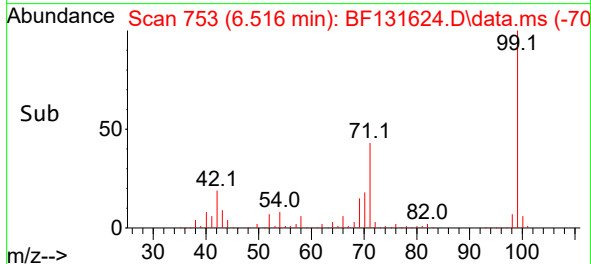
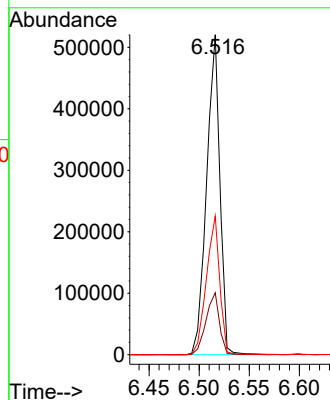
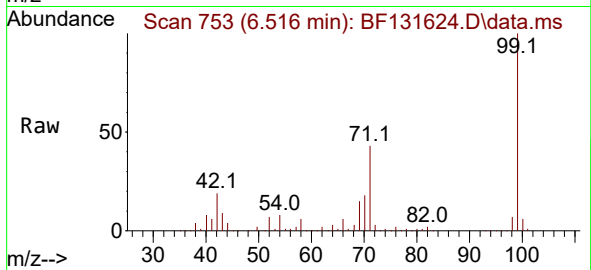




#7
Phenol-d6
Concen: 116.728 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

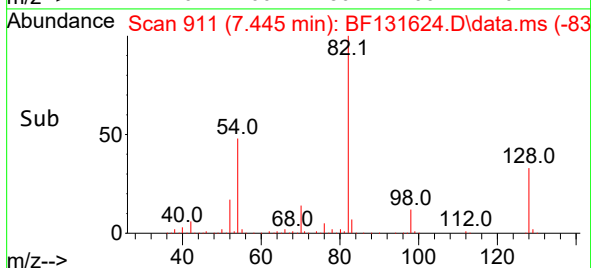
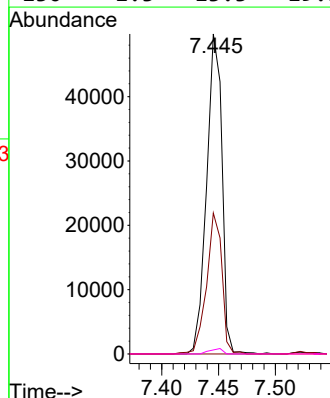
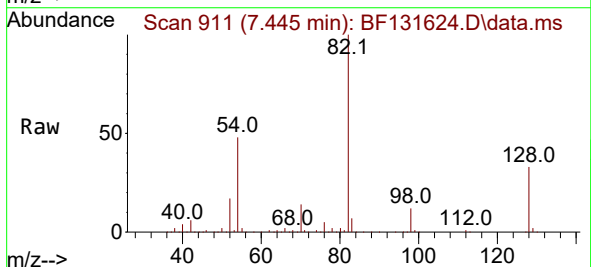
Instrument :
BNA_F
ClientSampleId :
MOO-CONCRETE-1212

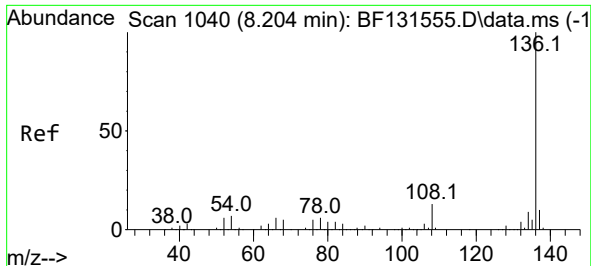
Tgt Ion: 99 Resp: 482157
Ion Ratio Lower Upper
99 100
42 19.4 17.9 26.9
71 43.4 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.052 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

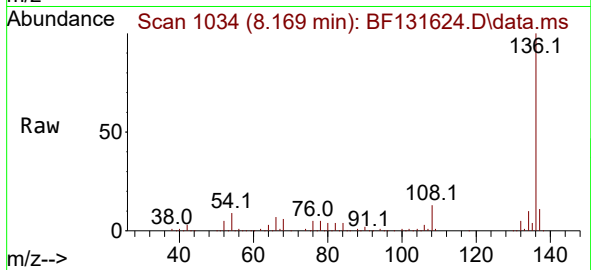
Tgt Ion: 70 Resp: 46619
Ion Ratio Lower Upper
70 100
42 44.1 46.4 69.6#
101 0.0 7.2 10.8#
130 1.3 13.3 19.9#



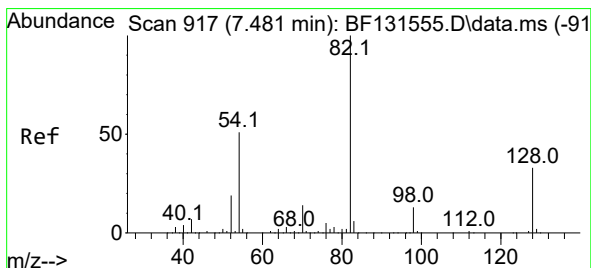
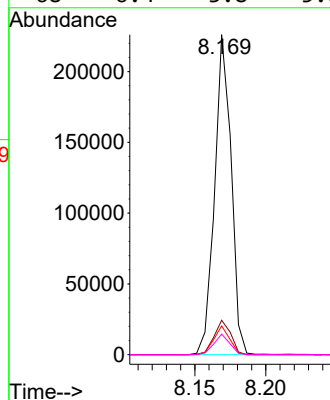
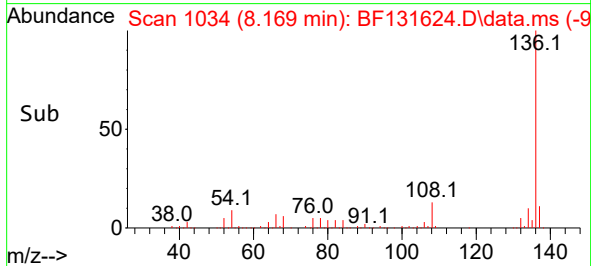


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

Instrument :
BNA_F
ClientSampleId :
MOO-CONCRETE-1212

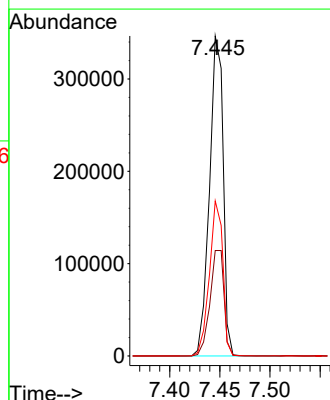
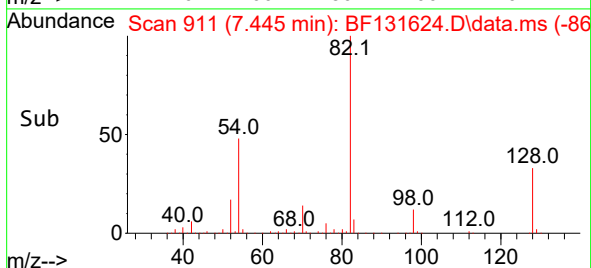
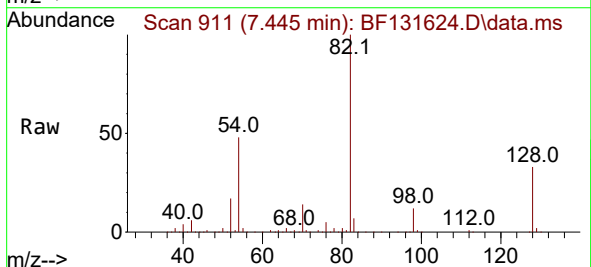


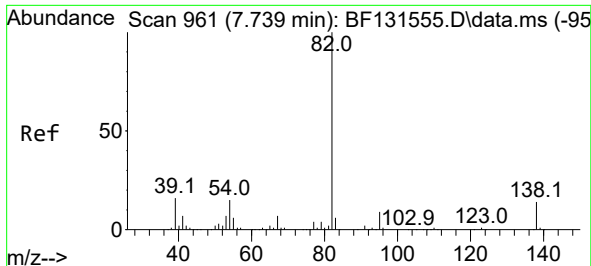
Tgt Ion:136 Resp: 182541
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 9.0 6.0 9.0
68 6.4 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 68.366 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

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

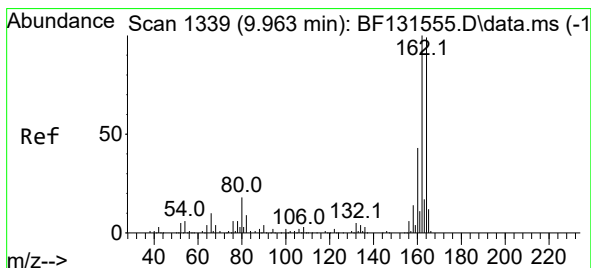
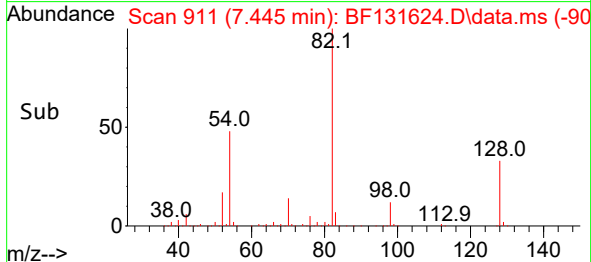
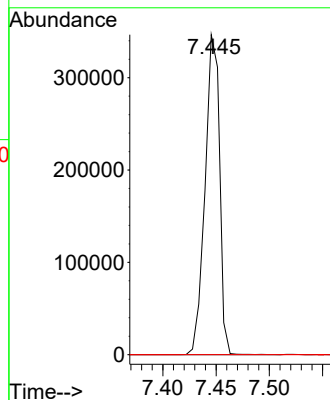
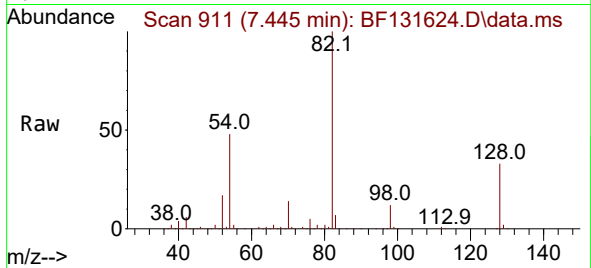




#25
Isophorone
Concen: 42.450 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.264 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

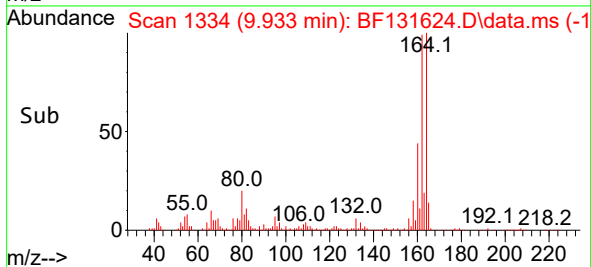
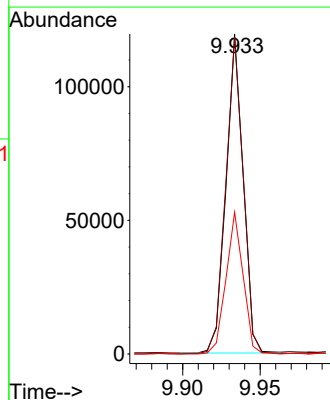
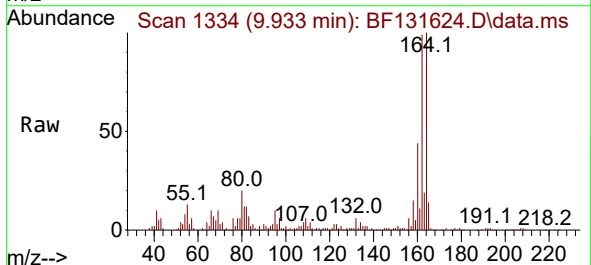
Instrument :
BNA_F
ClientSampleId :
MOO-CONCRETE-1212

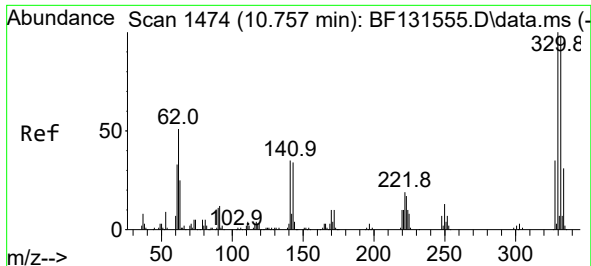
Tgt Ion: 82 Resp: 330142
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#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

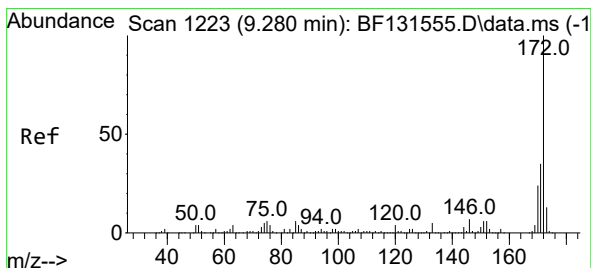
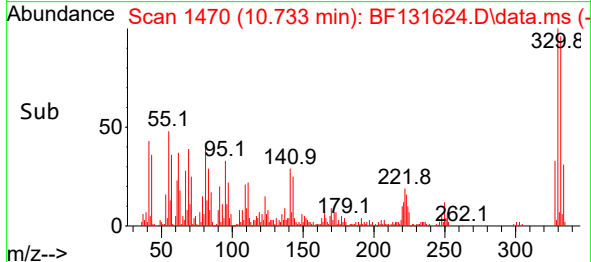
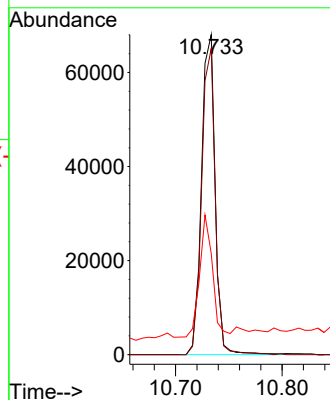
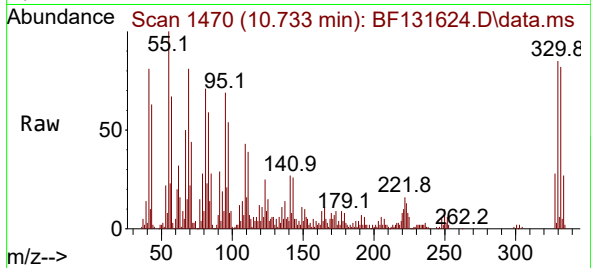
Tgt Ion:330 Resp: 61031

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

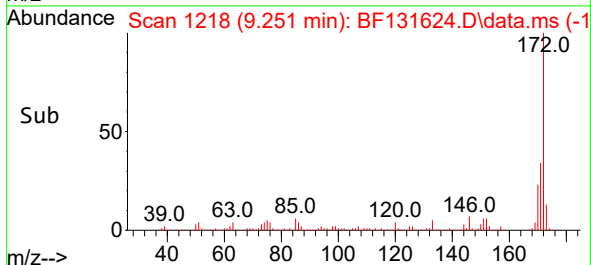
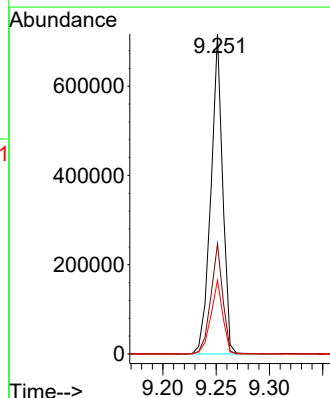
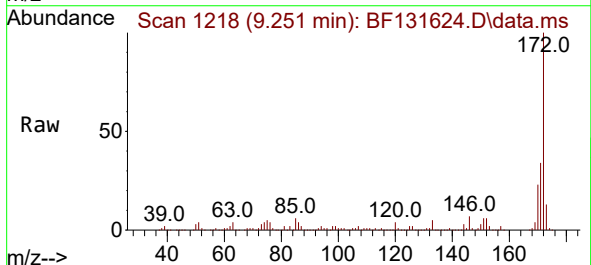
Tgt Ion:172 Resp: 553085

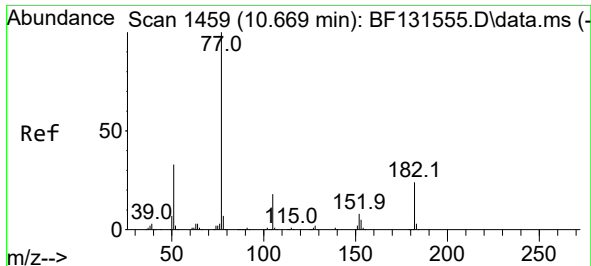
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 23.1 19.3 28.9

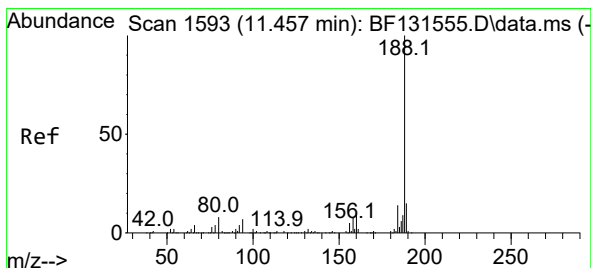
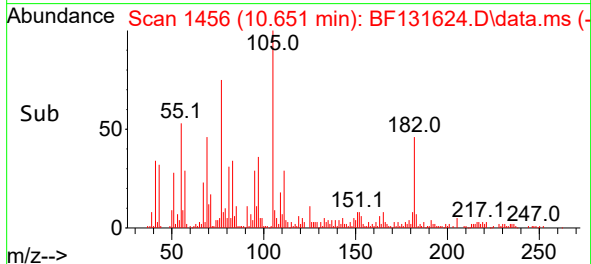
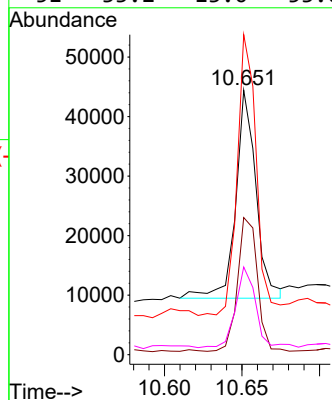
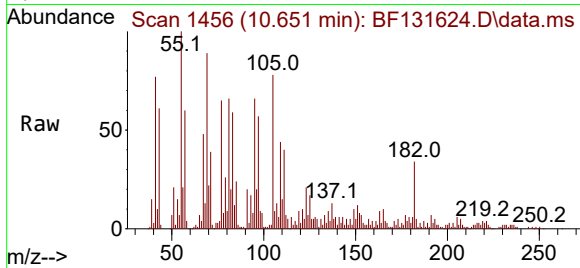




#63
Azobenzene
Concen: 4.154 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

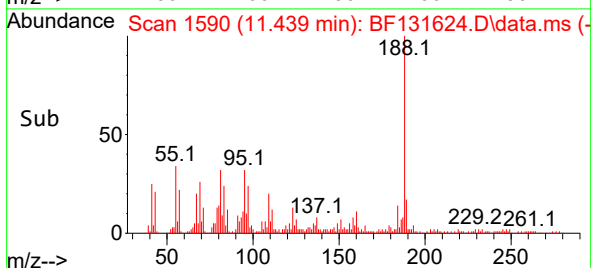
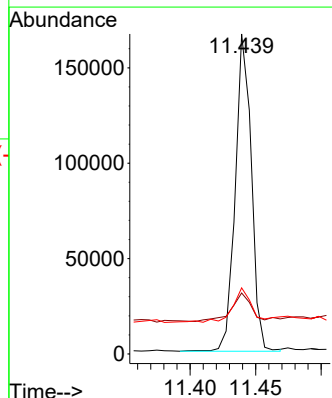
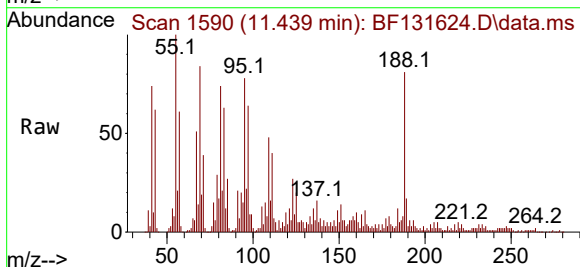
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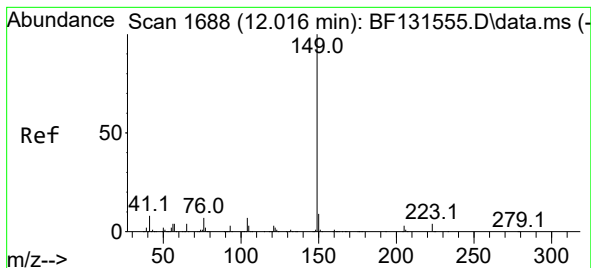
Tgt Ion: 77 Resp: 31822
Ion Ratio Lower Upper
77 100
182 51.8 3.9 43.9#
105 121.0 0.0 38.3#
51 33.2 13.0 53.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

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#





#74

Di-n-butylphthalate

Concen: 3.571 ng

RT: 12.004 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131624.D

Acq: 13 Dec 2022 21:28

Instrument :

BNA_F

ClientSampleId :

MOO-CONCRETE-1212

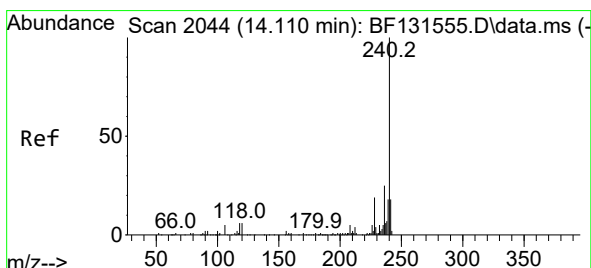
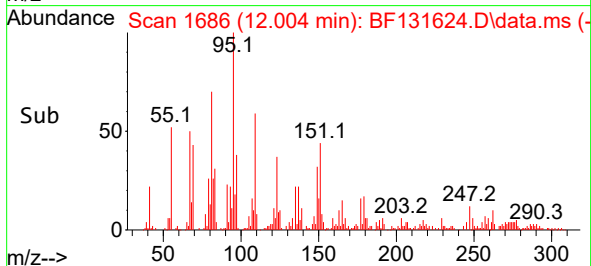
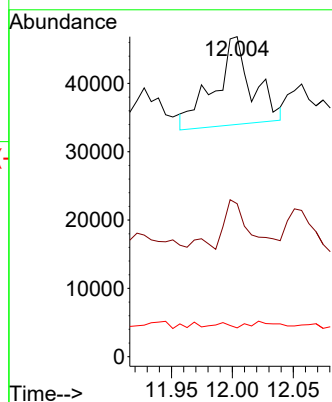
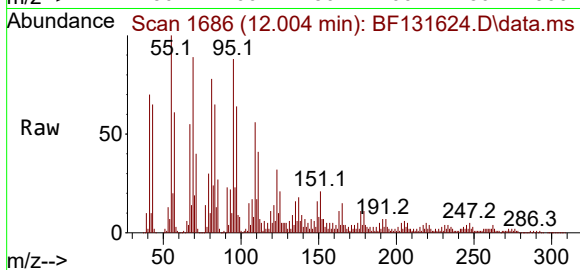
Tgt Ion:149 Resp: 27575

Ion Ratio Lower Upper

149 100

150 47.8 7.2 10.8#

104 9.0 5.2 7.8#



#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

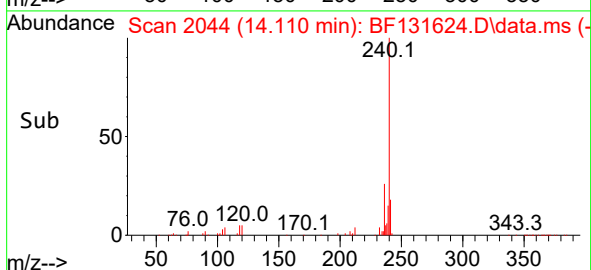
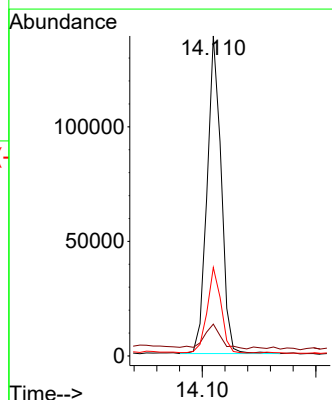
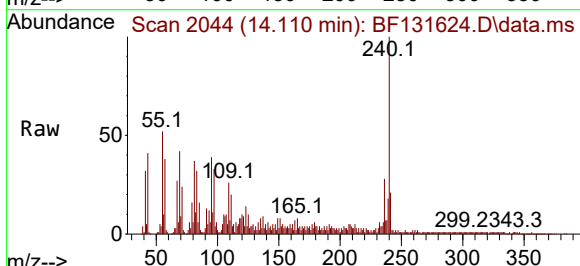
Tgt Ion:240 Resp: 119191

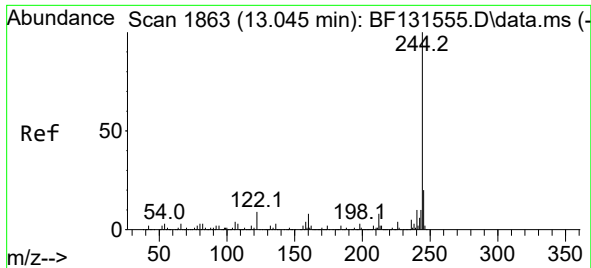
Ion Ratio Lower Upper

240 100

120 9.9 4.6 7.0#

236 27.7 20.2 30.2

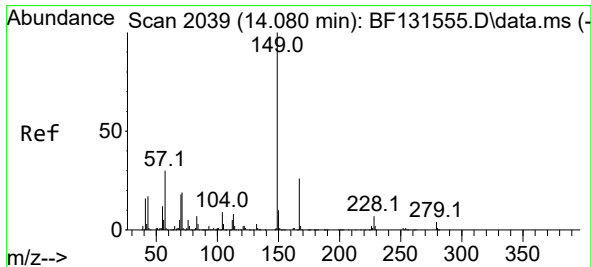
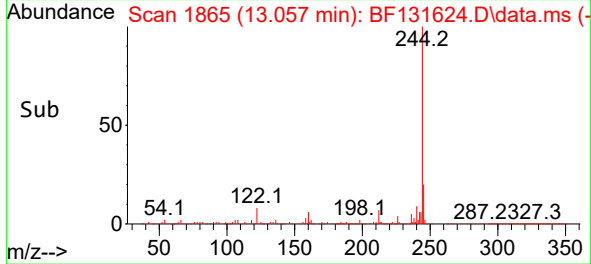
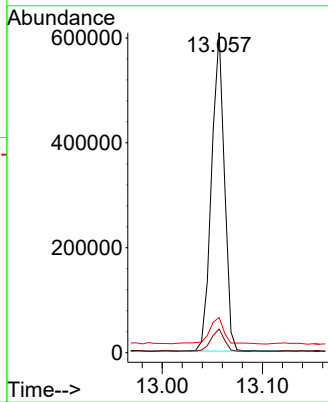
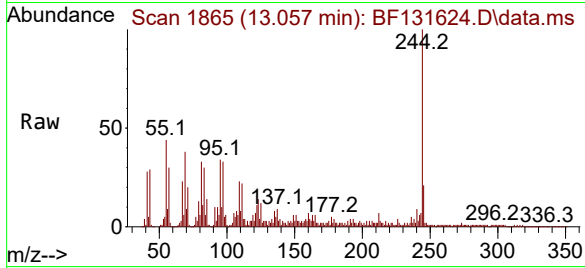




#79
Terphenyl-d14
Concen: 62.057 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.030 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

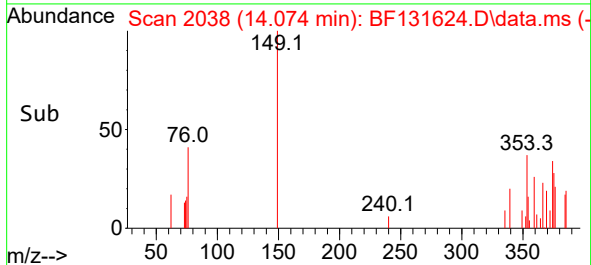
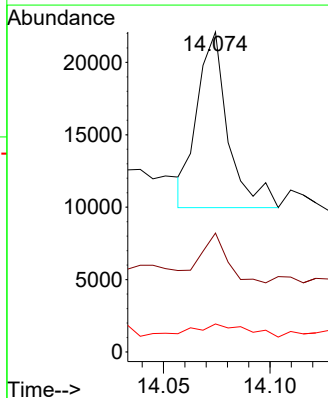
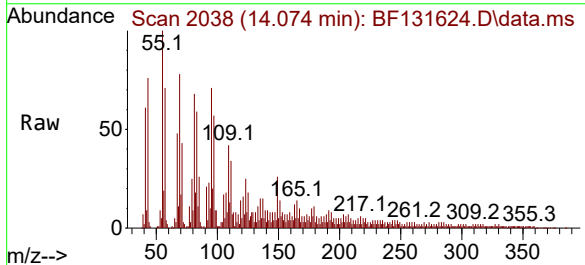
Instrument :
BNA_F
ClientSampleId :
MOO-CONCRETE-1212

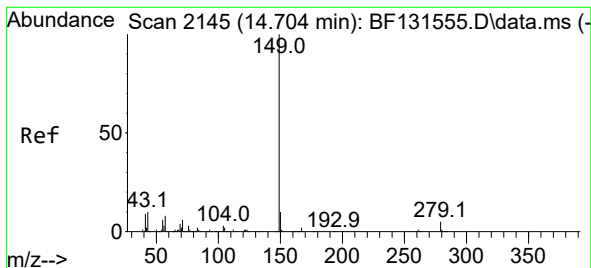
Tgt Ion:244 Resp: 539345
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 10.9 7.1 10.7#



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.497 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.012 min
Lab File: BF131624.D
Acq: 13 Dec 2022 21:28

Tgt Ion:149 Resp: 12189
Ion Ratio Lower Upper
149 100
167 37.1 20.8 31.2#
279 8.8 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 5.511 ng

RT: 14.692 min Scan# 2143

Delta R.T. 0.012 min

Lab File: BF131624.D

Acq: 13 Dec 2022 21:28

Instrument :

BNA_F

ClientSampleId :

MOO-CONCRETE-1212

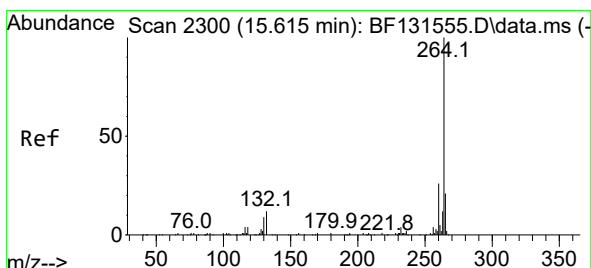
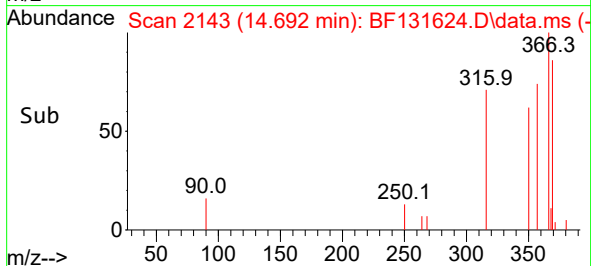
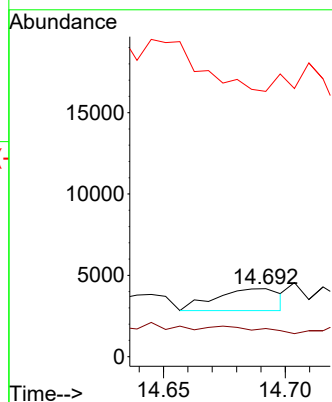
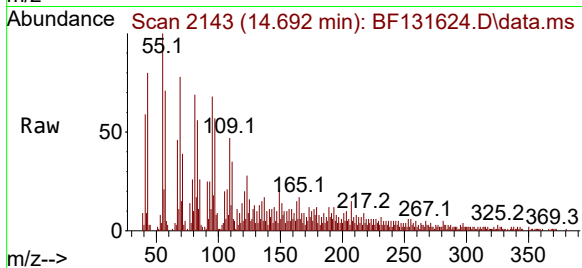
Tgt Ion:149 Resp: 2485

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 8.6 13.0#



#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

