

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008401.D
 Acq On : 14 Dec 2021 19:39
 Operator : CG/JU
 Sample : M4965-34
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FLOORS-GRAB-1

Quant Time: Dec 14 20:12:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

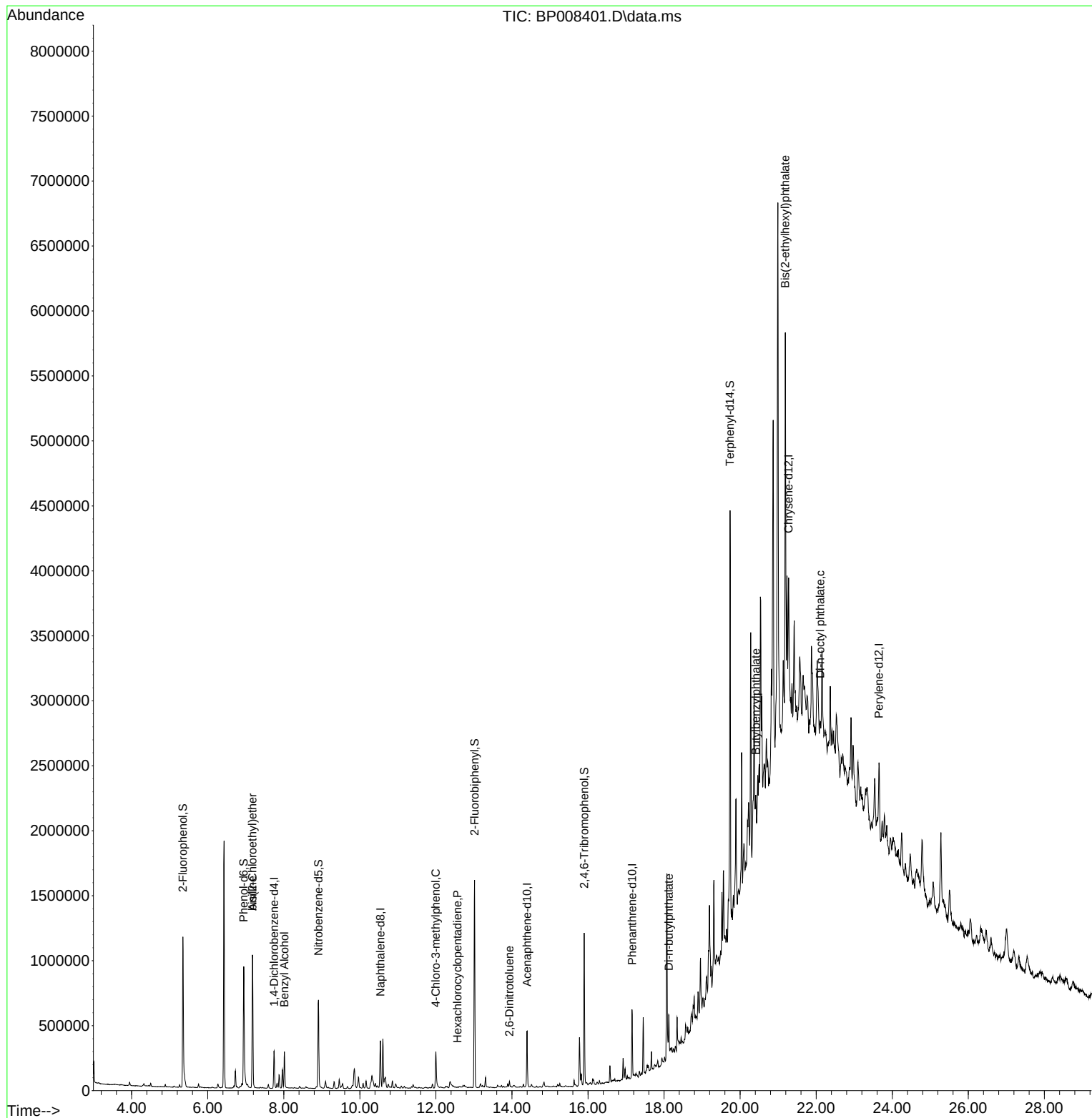
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	74104	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	244649	20.000	ng	0.00
39) Acenaphthene-d10	14.399	164	145466	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	313053	20.000	ng	0.00
76) Chrysene-d12	21.275	240	404047	20.000	ng	0.00
86) Perylene-d12	23.651	264	443660	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	493674	105.207	ng	0.00
7) Phenol-d6	6.946	99	598332	94.941	ng	0.00
23) Nitrobenzene-d5	8.911	82	409066	70.836	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	231021	108.068	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	792461	69.252	ng	0.00
79) Terphenyl-d14	19.734	244	1424847	61.374	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	125	Below Cal	#	19
6) Aniline	7.175	93	370672	50.816	ng	# 49
9) Benzaldehyde	6.899	77	13086	Below Cal		98
11) bis(2-Chloroethyl)ether	7.175	93	370672	69.425	ng	# 21
15) Benzyl Alcohol	8.016	79	26539	5.235	ng	# 1
36) 4-Chloro-3-methylphenol	11.999	107	75533	16.014	ng	# 22
41) Hexachlorocyclopentadiene	12.563	237	6	8.655	ng	# 1
51) 2,6-Dinitrotoluene	13.934	165	6645	2.890	ng	# 24
74) Di-n-butylphthalate	18.122	149	202879	11.550	ng	99
80) Butylbenzylphthalate	20.416	149	52819	5.018	ng	88
84) Bis(2-ethylhexyl)phtha...	21.186	149	996077	67.216	ng	# 96
85) Di-n-octyl phthalate	22.104	149	115965	4.537	ng	# 91

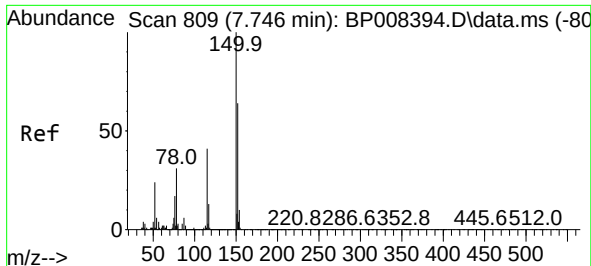
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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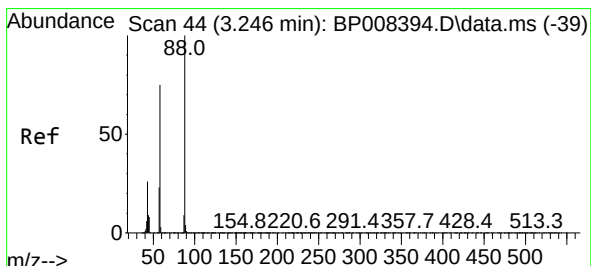
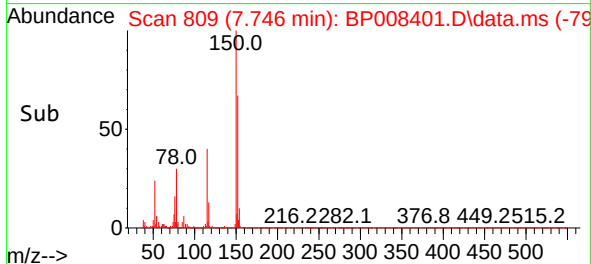
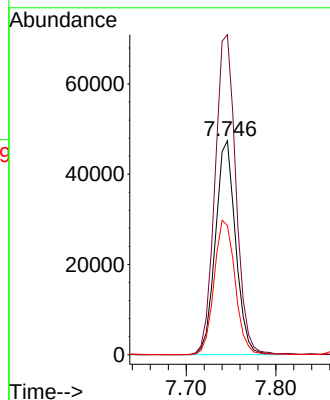
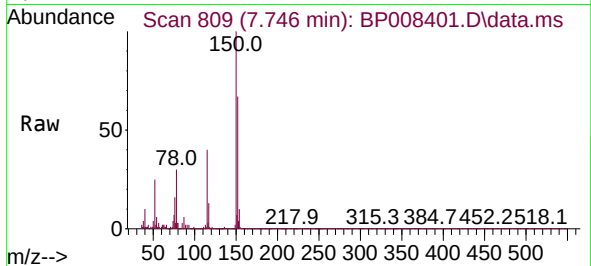




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.746 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP008401.D
 Acq: 14 Dec 2021 19:39

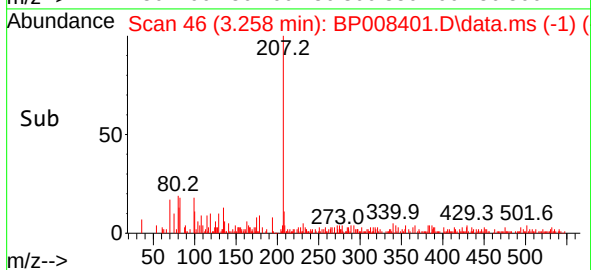
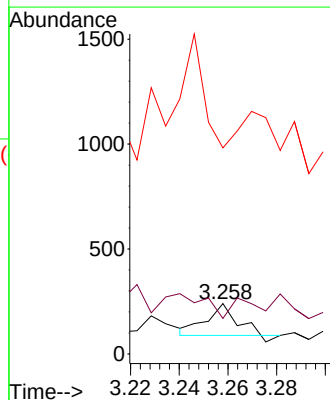
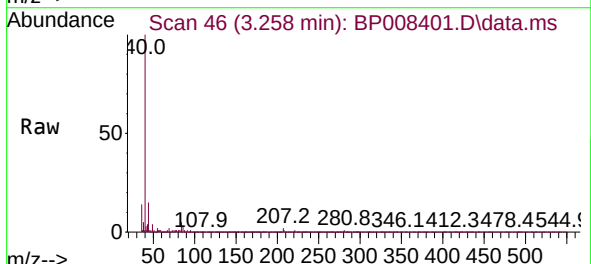
Instrument :
 BNA_P
 ClientSampleId :
 FLOORS-GRAB-1

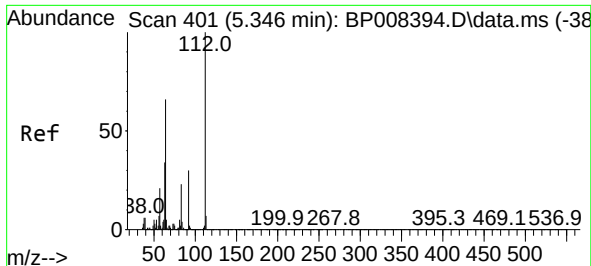
Tgt Ion:152 Resp: 74104
 Ion Ratio Lower Upper
 152 100
 150 149.6 125.7 188.5
 115 60.4 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.258 min Scan# 46
 Delta R.T. 0.012 min
 Lab File: BP008401.D
 Acq: 14 Dec 2021 19:39

Tgt Ion: 88 Resp: 125
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.5 95.3#
 43 0.0 23.4 35.2#

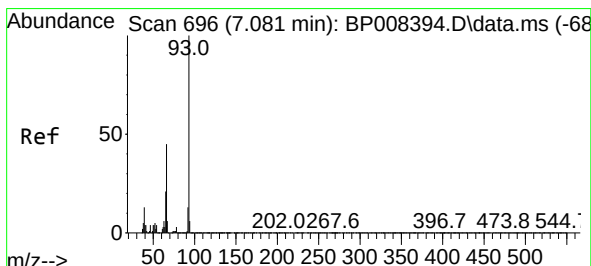
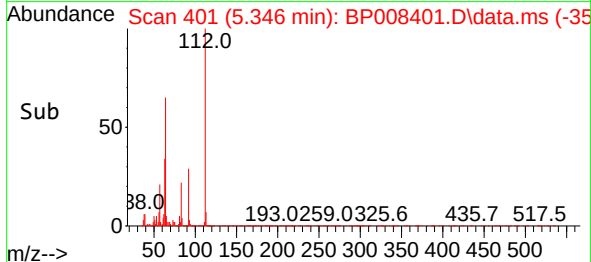
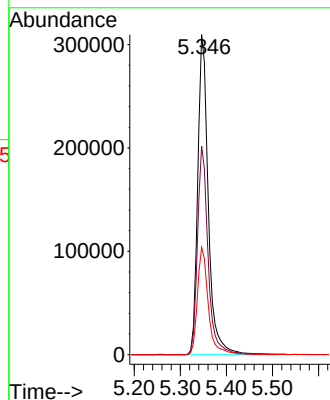
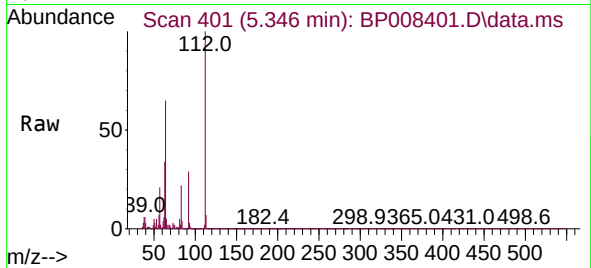




#5
2-Fluorophenol
Concen: 105.207 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008401.D
Acq: 14 Dec 2021 19:39

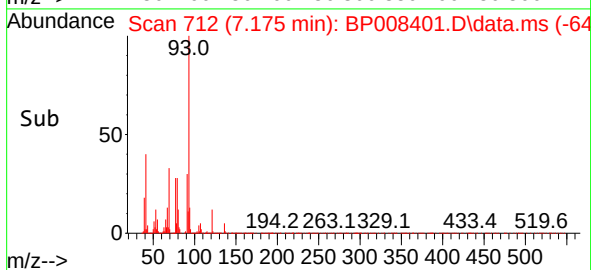
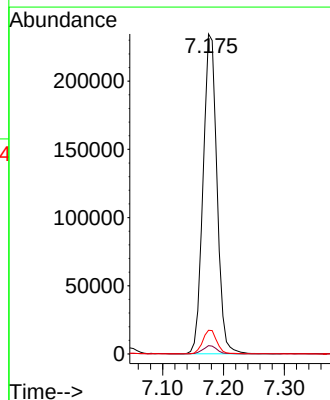
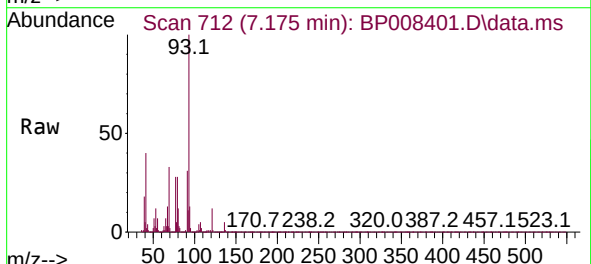
Instrument :
BNA_P
ClientSampleId :
FLOORS-GRAB-1

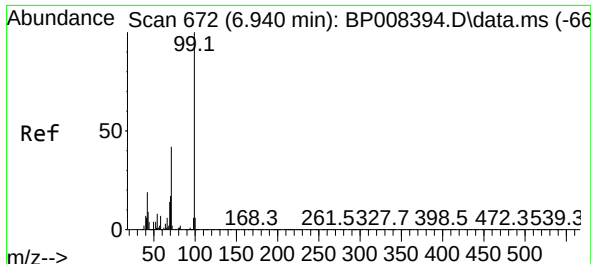
Tgt Ion:112 Resp: 493674
Ion Ratio Lower Upper
112 100
64 65.2 53.4 80.2
63 33.5 27.8 41.8



#6
Aniline
Concen: 50.816 ng
RT: 7.175 min Scan# 712
Delta R.T. 0.094 min
Lab File: BP008401.D
Acq: 14 Dec 2021 19:39

Tgt Ion: 93 Resp: 370672
Ion Ratio Lower Upper
93 100
66 2.6 32.9 49.3#
65 7.4 17.5 26.3#





#7

Phenol-d6

Concen: 94.941 ng

RT: 6.946 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP008401.D

Acq: 14 Dec 2021 19:39

Instrument :

BNA_P

ClientSampleId :

FLOORS-GRAB-1

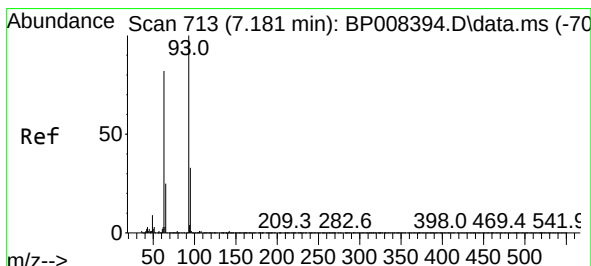
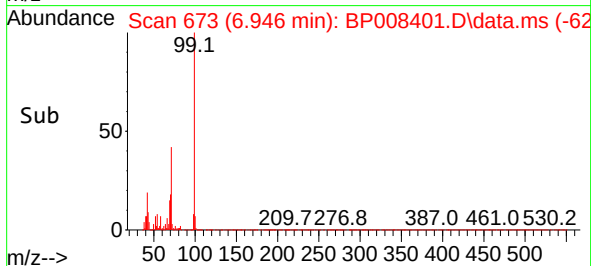
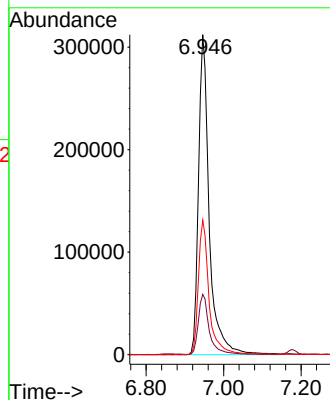
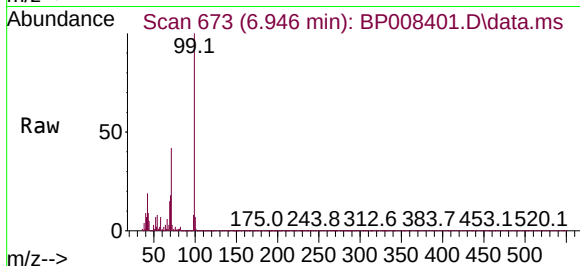
Tgt Ion: 99 Resp: 598332

Ion Ratio Lower Upper

99 100

42 18.8 14.6 22.0

71 42.1 31.1 46.7



#11

bis(2-Chloroethyl)ether

Concen: 69.425 ng

RT: 7.175 min Scan# 712

Delta R.T. -0.006 min

Lab File: BP008401.D

Acq: 14 Dec 2021 19:39

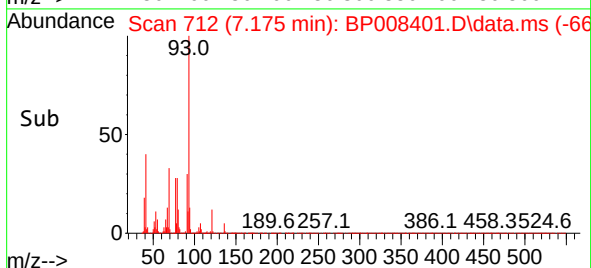
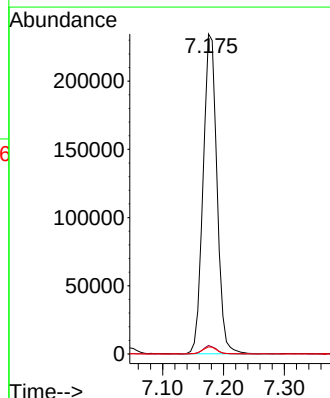
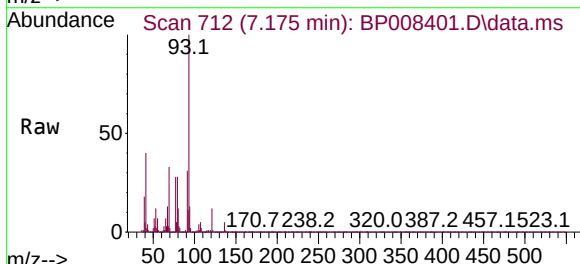
Tgt Ion: 93 Resp: 370672

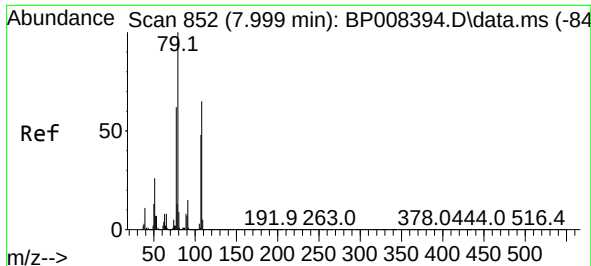
Ion Ratio Lower Upper

93 100

63 2.7 61.8 101.8#

95 2.2 12.5 52.5#

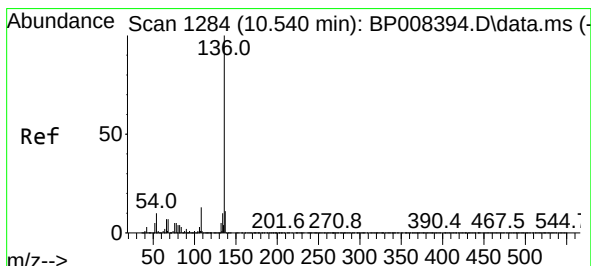
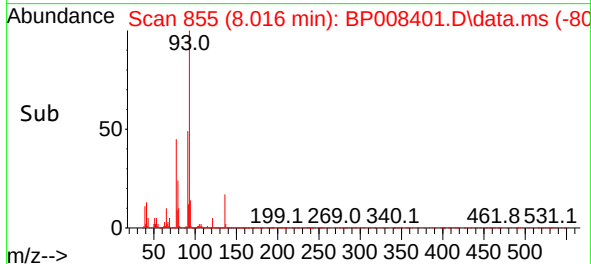
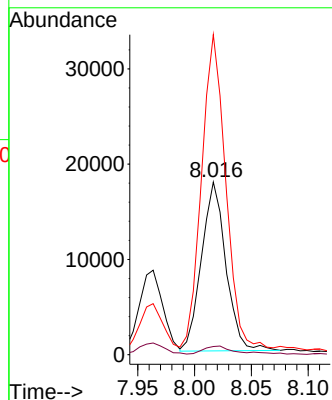
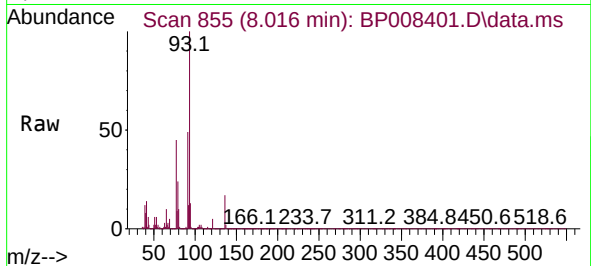




#15
Benzyl Alcohol
Concen: 5.235 ng
RT: 8.016 min Scan# 80
Delta R.T. 0.018 min
Lab File: BP008401.D
Acq: 14 Dec 2021 19:39

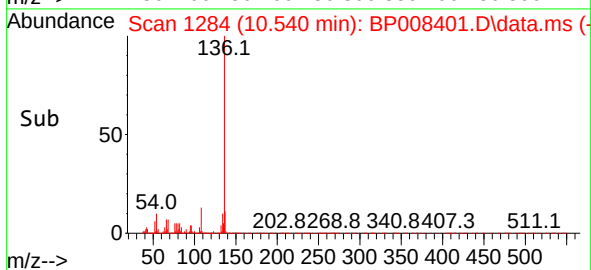
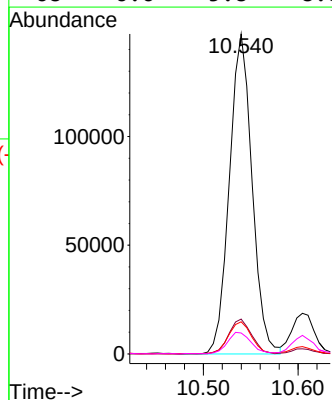
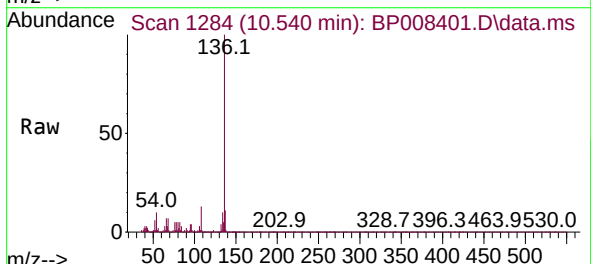
Instrument :
BNA_P
ClientSampleId :
FLOORS-GRAB-1

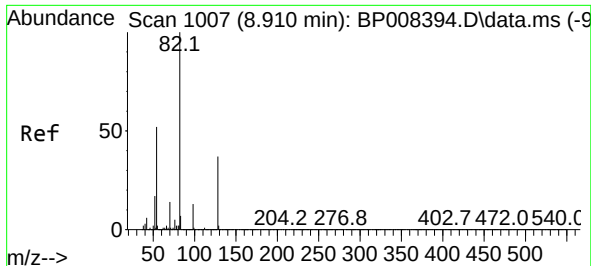
Tgt Ion: 79 Resp: 26539
Ion Ratio Lower Upper
79 100
108 4.7 55.5 83.3#
77 185.3 51.0 76.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008401.D
Acq: 14 Dec 2021 19:39

Tgt Ion: 136 Resp: 244649
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.0 8.2 12.4
68 6.6 5.8 8.8





#23

Nitrobenzene-d5

Concen: 70.836 ng

RT: 8.911 min Scan# 10

Delta R.T. 0.000 min

Lab File: BP008401.D

Acq: 14 Dec 2021 19:39

Instrument :

BNA_P

ClientSampleId :

FLOORS-GRAB-1

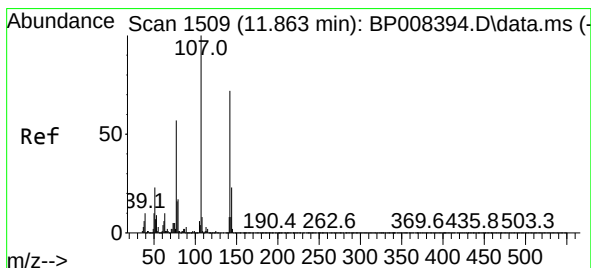
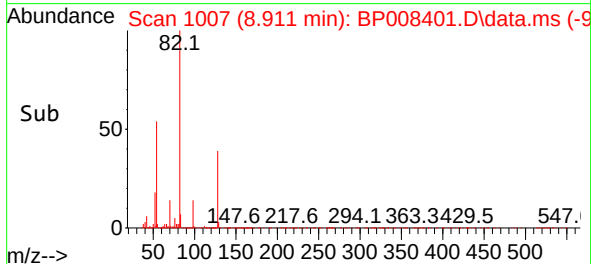
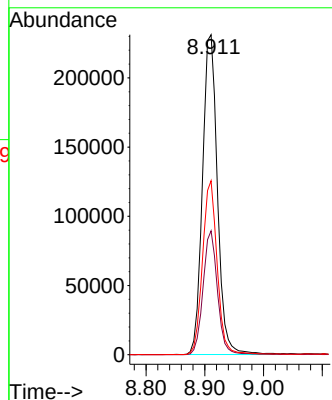
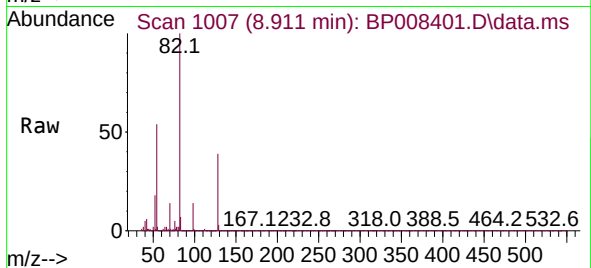
Tgt Ion: 82 Resp: 409066

Ion Ratio Lower Upper

82 100

128 38.7 29.6 44.4

54 54.4 42.7 64.1



#36

4-Chloro-3-methylphenol

Concen: 16.014 ng

RT: 11.999 min Scan# 1532

Delta R.T. 0.135 min

Lab File: BP008401.D

Acq: 14 Dec 2021 19:39

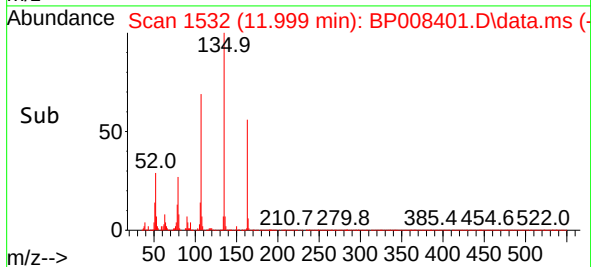
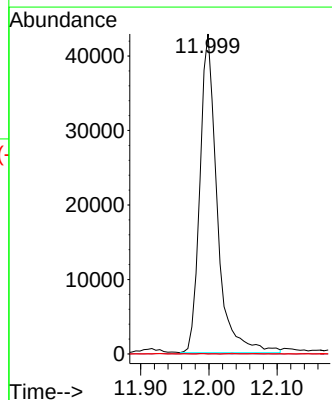
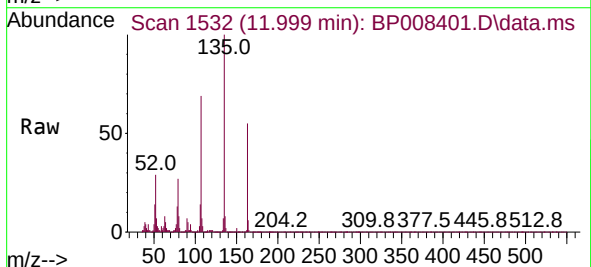
Tgt Ion: 107 Resp: 75533

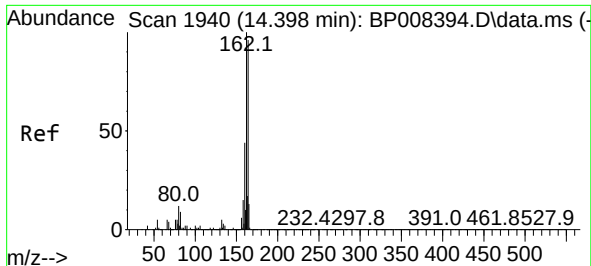
Ion Ratio Lower Upper

107 100

144 0.1 19.7 29.5#

142 0.0 59.6 89.4#

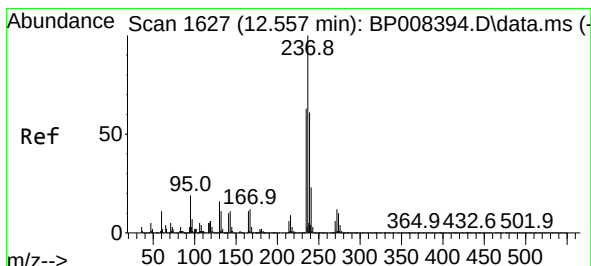
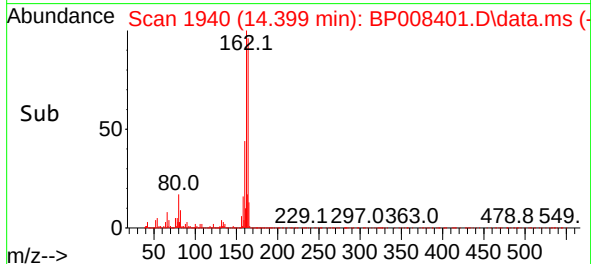
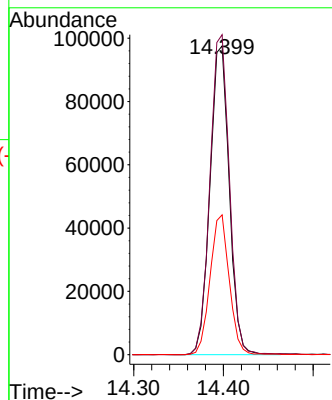
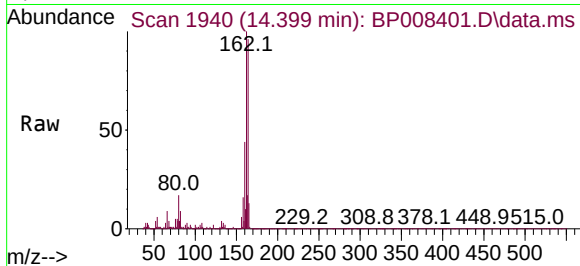




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.399 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BP008401.D
Acq: 14 Dec 2021 19:39

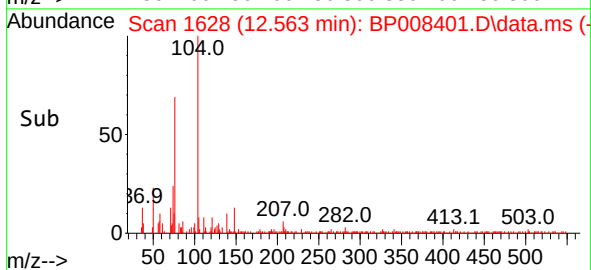
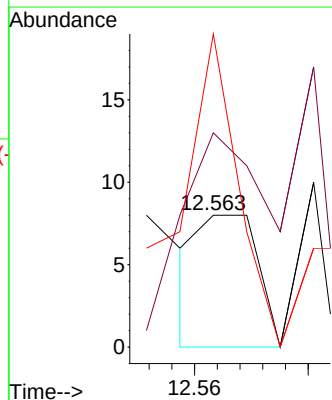
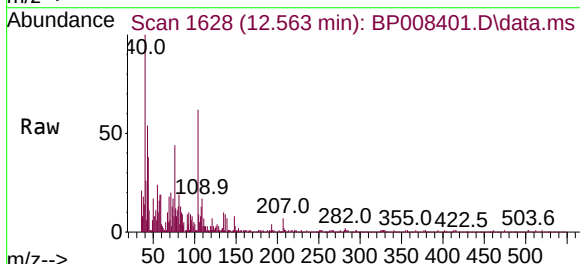
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FLOORS-GRAB-1

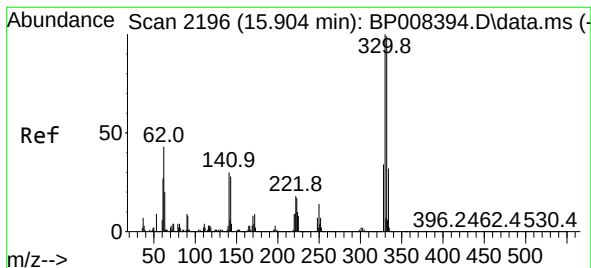
Tgt Ion:164 Resp: 145466
Ion Ratio Lower Upper
164 100
162 103.6 81.9 122.9
160 45.3 35.4 53.0



#41
Hexachlorocyclopentadiene
Concen: 8.655 ng
RT: 12.563 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BP008401.D
Acq: 14 Dec 2021 19:39

Tgt Ion:237 Resp: 6
Ion Ratio Lower Upper
237 100
235 162.5 42.3 82.3#
272 237.5 0.0 32.2#





#42

2,4,6-Tribromophenol

Concen: 108.068 ng

RT: 15.898 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008401.D

Acq: 14 Dec 2021 19:39

Instrument :

BNA_P

ClientSampleId :

FLOORS-GRAB-1

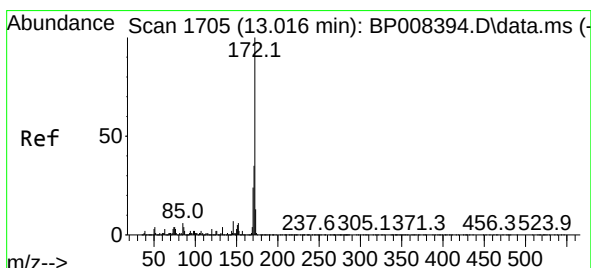
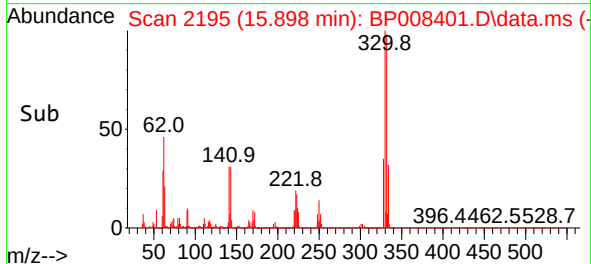
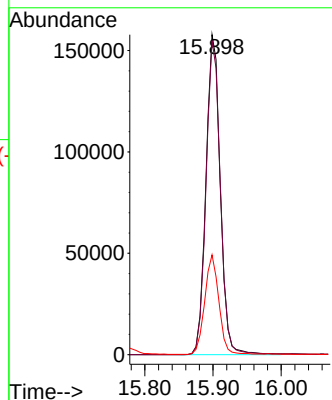
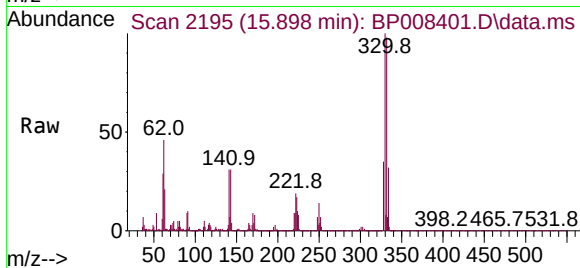
Tgt Ion:330 Resp: 231021

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.4

141 30.5 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 69.252 ng

RT: 13.016 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BP008401.D

Acq: 14 Dec 2021 19:39

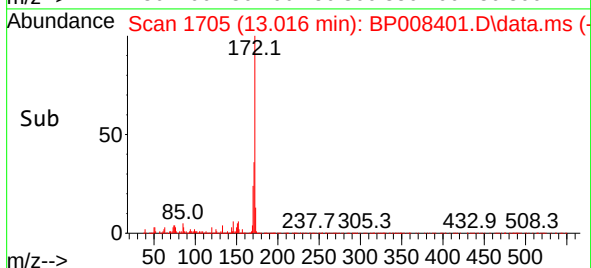
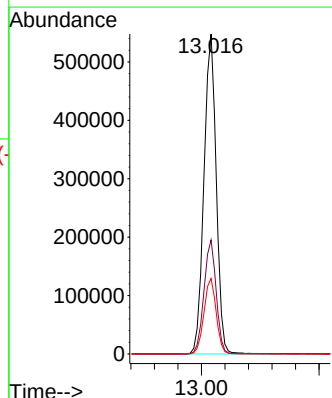
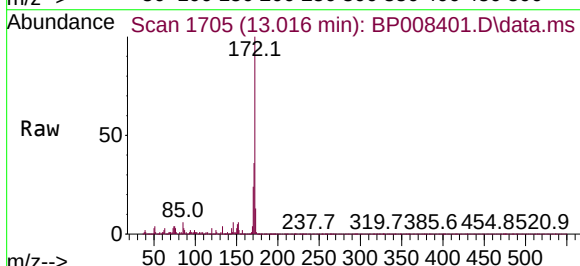
Tgt Ion:172 Resp: 792461

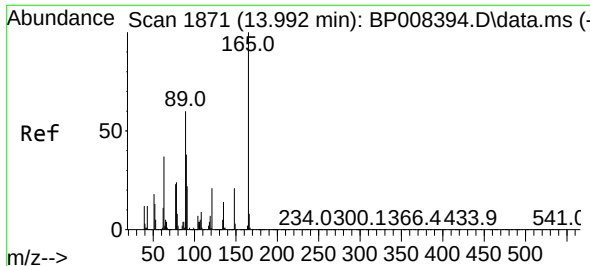
Ion Ratio Lower Upper

172 100

171 35.7 28.0 42.0

170 23.6 18.9 28.3

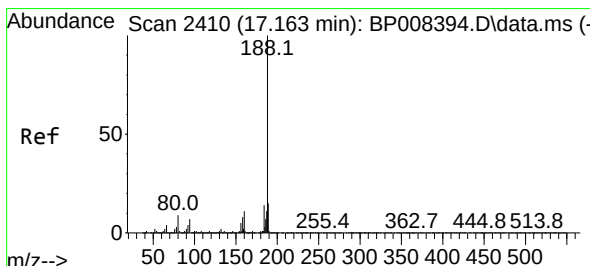
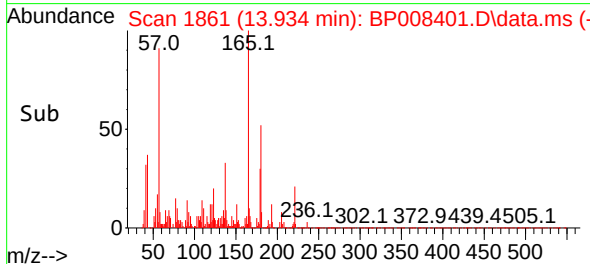
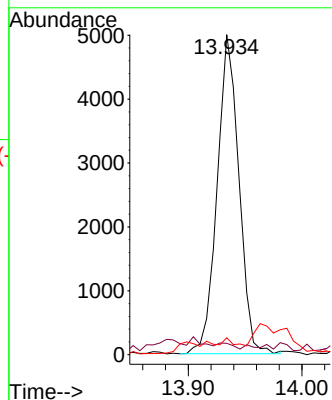
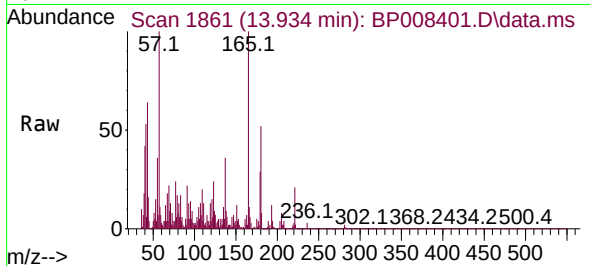




#51
2,6-Dinitrotoluene
Concen: 2.890 ng
RT: 13.934 min Scan# 1861
Delta R.T. -0.059 min
Lab File: BP008401.D
Acq: 14 Dec 2021 19:39

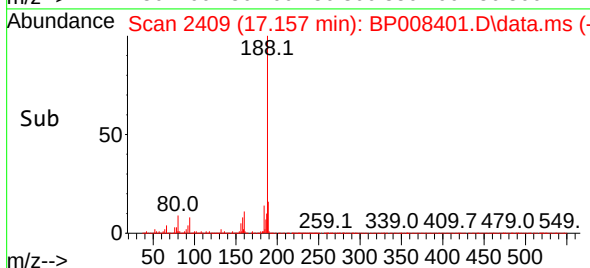
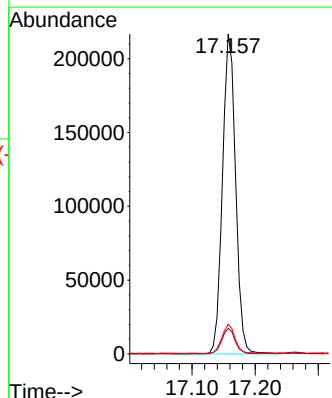
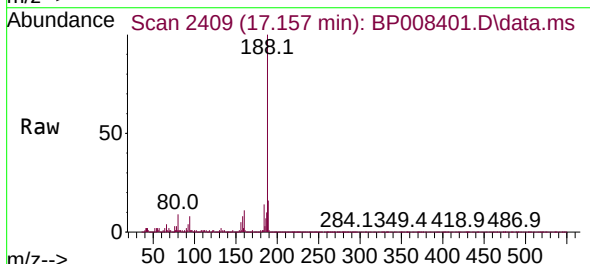
Instrument :
BNA_P
ClientSampleId :
FLOORS-GRAB-1

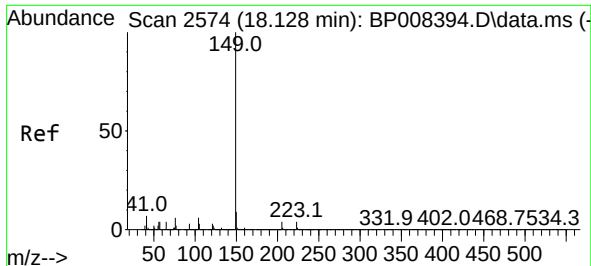
Tgt Ion:165 Resp: 6645
Ion Ratio Lower Upper
165 100
63 3.6 50.8 76.2#
89 5.3 50.0 75.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008401.D
Acq: 14 Dec 2021 19:39

Tgt Ion:188 Resp: 313053
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.3 8.2 12.4

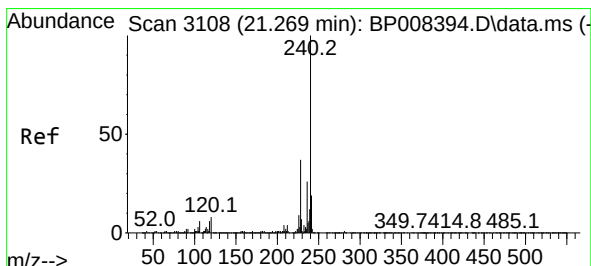
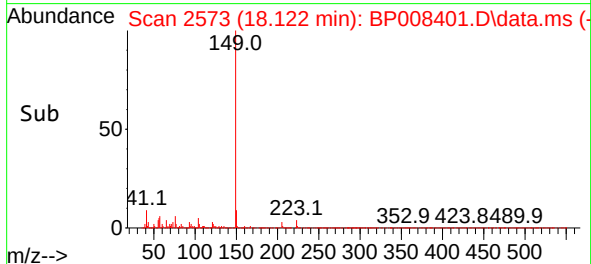
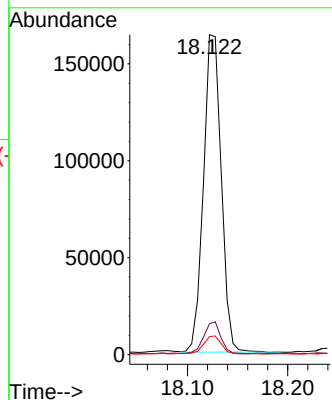
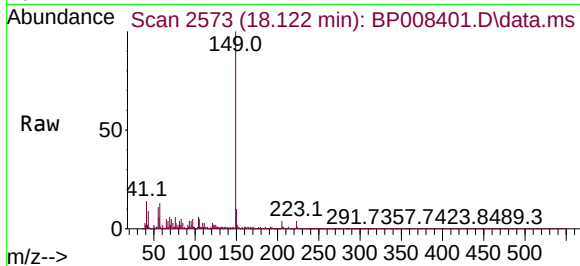




#74
Di-n-butylphthalate
Concen: 11.550 ng
RT: 18.122 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008401.D
Acq: 14 Dec 2021 19:39

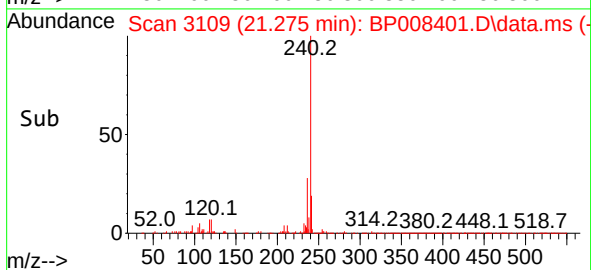
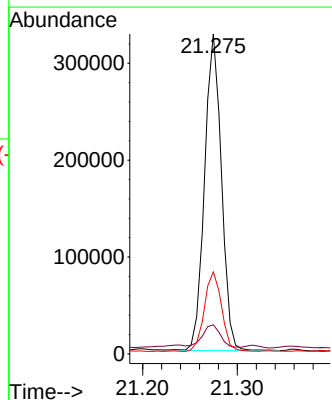
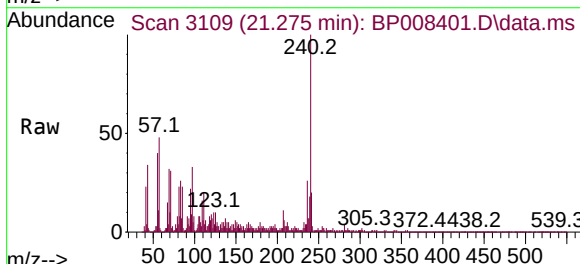
Instrument :
BNA_P
ClientSampleId :
FLOORS-GRAB-1

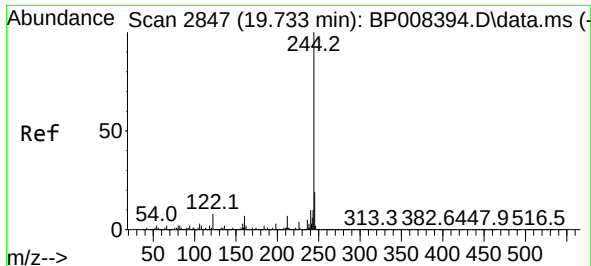
Tgt Ion:149 Resp: 202879
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.2
104 5.6 4.4 6.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.275 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BP008401.D
Acq: 14 Dec 2021 19:39

Tgt Ion:240 Resp: 404047
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.6 21.4 32.2

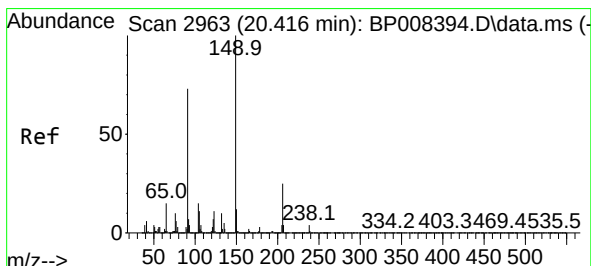
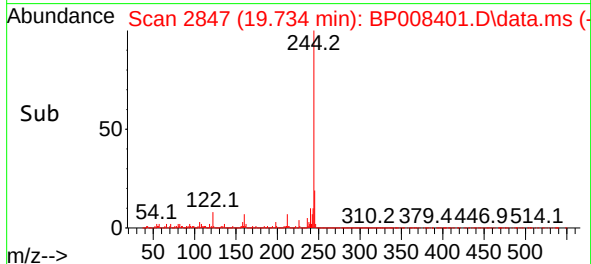
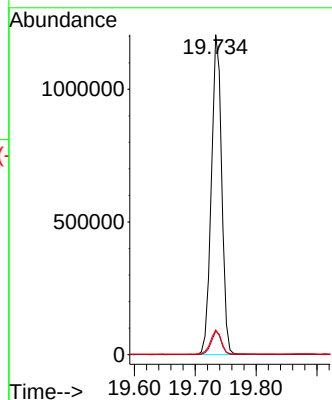
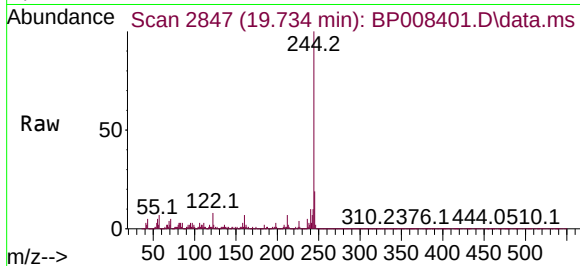




#79
 Terphenyl-d14
 Concen: 61.374 ng
 RT: 19.734 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BP008401.D
 Acq: 14 Dec 2021 19:39

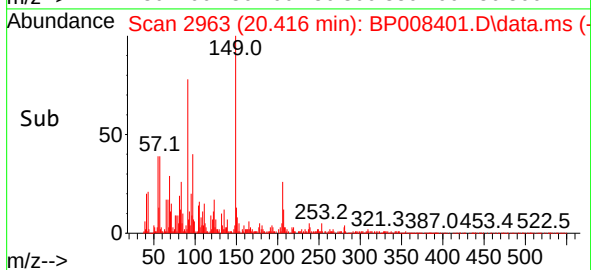
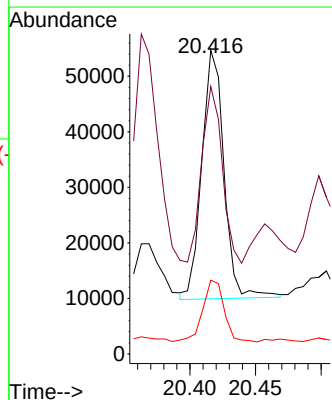
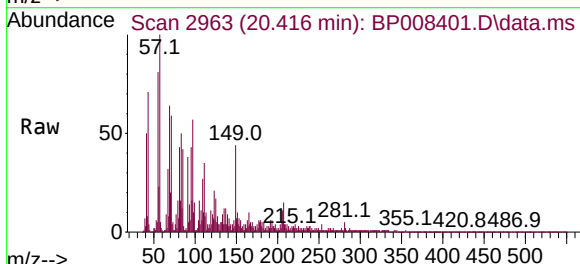
Instrument :
 BNA_P
 ClientSampleId :
 FLOORS-GRAB-1

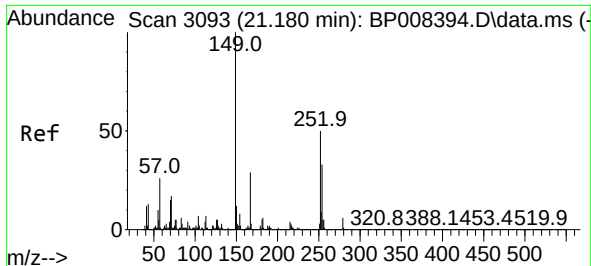
Tgt Ion:244 Resp: 1424847
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 7.8 6.6 9.8



#80
 Butylbenzylphthalate
 Concen: 5.018 ng
 RT: 20.416 min Scan# 2963
 Delta R.T. 0.000 min
 Lab File: BP008401.D
 Acq: 14 Dec 2021 19:39

Tgt Ion:149 Resp: 52819
 Ion Ratio Lower Upper
 149 100
 91 88.1 59.8 89.8
 206 24.3 18.6 27.8

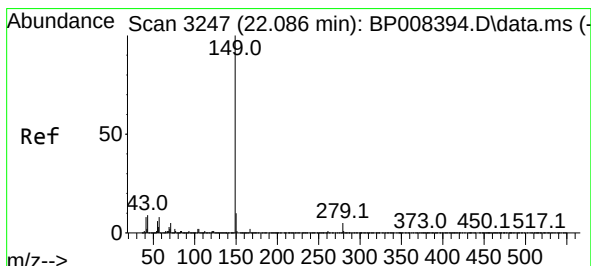
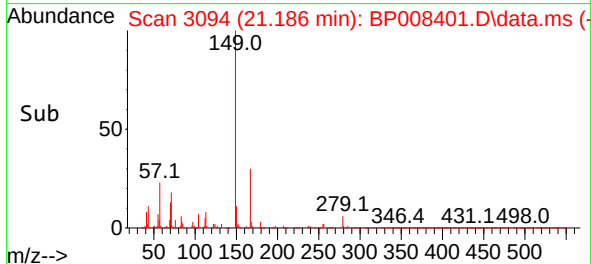
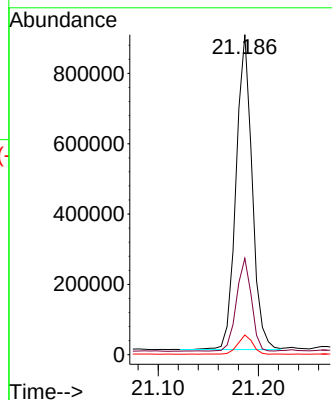
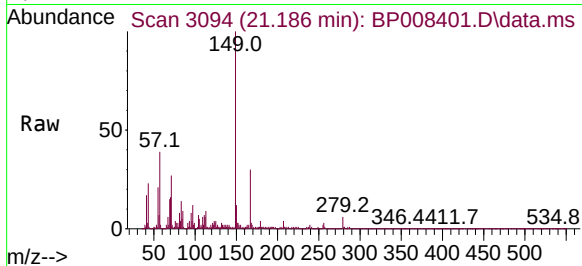




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 67.216 ng
 RT: 21.186 min Scan# 3093
 Delta R.T. 0.006 min
 Lab File: BP008401.D
 Acq: 14 Dec 2021 19:39

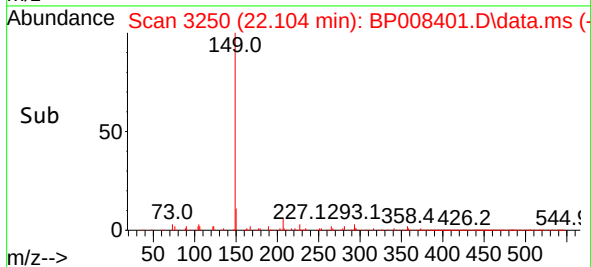
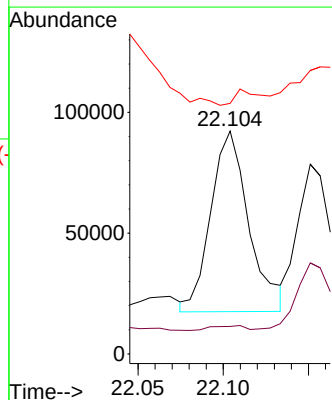
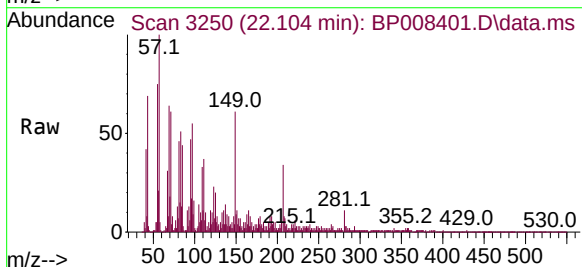
Instrument :
 BNA_P
 ClientSampleId :
 FLOORS-GRAB-1

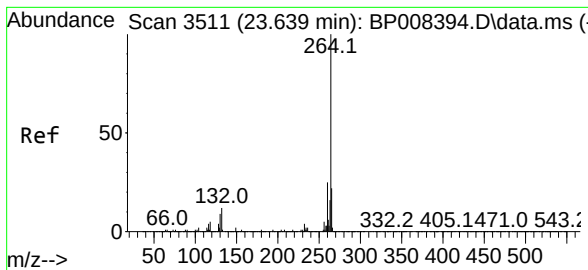
Tgt Ion:149 Resp: 996077
 Ion Ratio Lower Upper
 149 100
 167 30.1 22.5 33.7
 279 6.1 3.5 5.3#



#85
 Di-n-octyl phthalate
 Concen: 4.537 ng
 RT: 22.104 min Scan# 3250
 Delta R.T. 0.018 min
 Lab File: BP008401.D
 Acq: 14 Dec 2021 19:39

Tgt Ion:149 Resp: 115965
 Ion Ratio Lower Upper
 149 100
 167 2.3 1.3 1.9#
 43 6.1 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.651 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP008401.D
 Acq: 14 Dec 2021 19:39

Instrument :
 BNA_P
 ClientSampleId :
 FLOORS-GRAB-1

Tgt Ion:	264	Resp:	443660
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	22.7	17.6	26.4

