

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020322\
 Data File : BP009025.D
 Acq On : 03 Feb 2022 12:57
 Operator : CG/JU
 Sample : N1346-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HANDS-CONCRETE

Quant Time: Feb 03 13:31:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 03 06:20:22 2022
 Response via : Initial Calibration

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

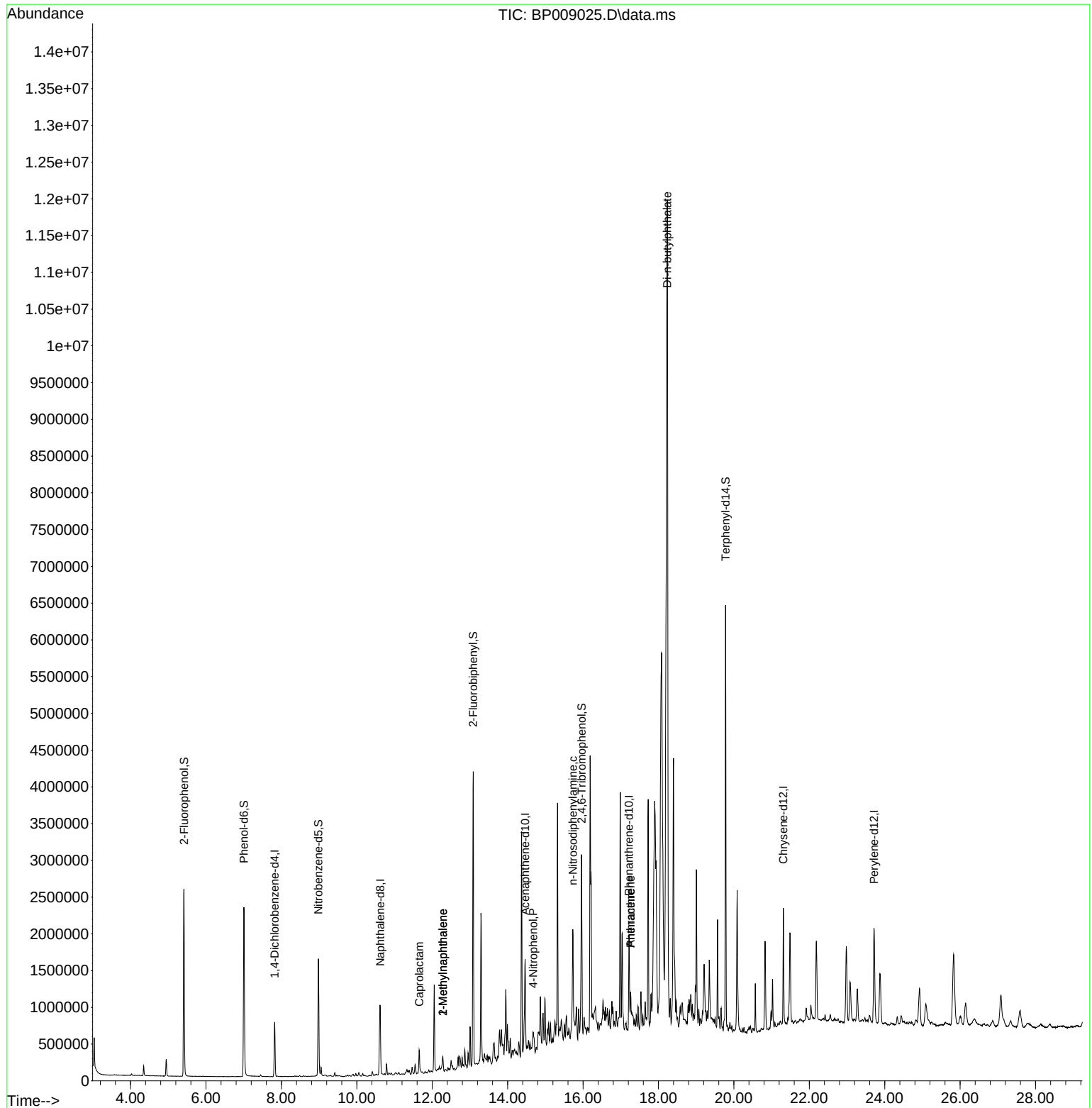
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	225398	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	765281	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	431056	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	781131	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	767346	20.000	ng	-0.01
86) Perylene-d12	23.716	264	941456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1279108	87.757	ng	0.00
7) Phenol-d6	7.005	99	1540105	87.258	ng	0.00
23) Nitrobenzene-d5	8.981	82	983243	72.943	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	543718	86.656	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	2285124	69.909	ng	0.00
79) Terphenyl-d14	19.781	244	2753667	60.573	ng	0.00
Target Compounds						
						Qvalue
35) Caprolactam	11.657	113	14257	3.883	ng	# 33
37) 2-Methylnaphthalene	12.287	142	70722	2.327	ng	95
38) 1-Methylnaphthalene	12.287	142	70722	2.536	ng	93
56) 4-Nitrophenol	14.675	139	13590	2.826	ng	# 58
66) n-Nitrosodiphenylamine	15.728	169	95727	3.808	ng	# 42
71) Phenanthrene	17.263	178	320198	7.281	ng	99
72) Anthracene	17.263	178	320198	7.258	ng	99
74) Di-n-butylphthalate	18.234	149	11077855	242.650	ng	# 95

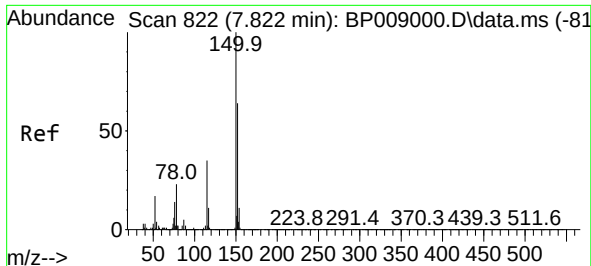
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020322\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 03 06:20:22 2022
Response via : Initial Calibration

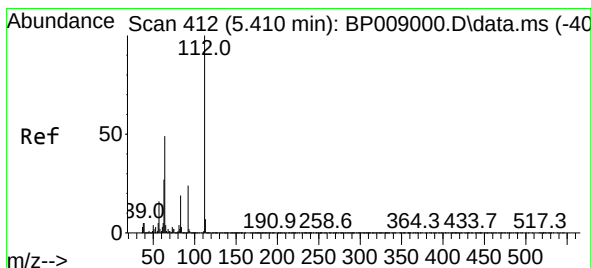
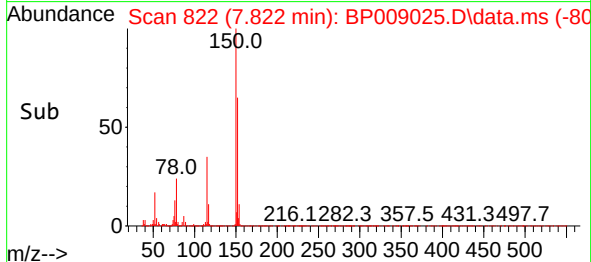
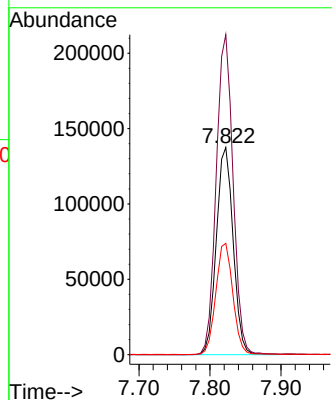
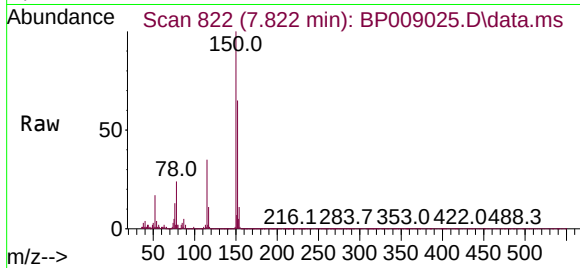




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

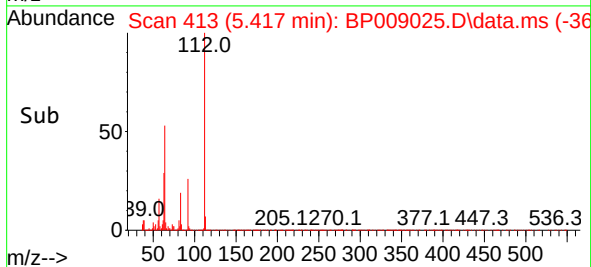
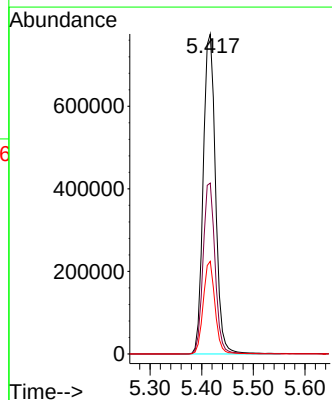
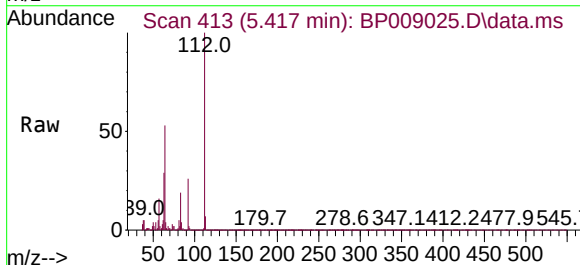
Instrument :
BNA_P
ClientSampleId :
HANDS-CONCRETE

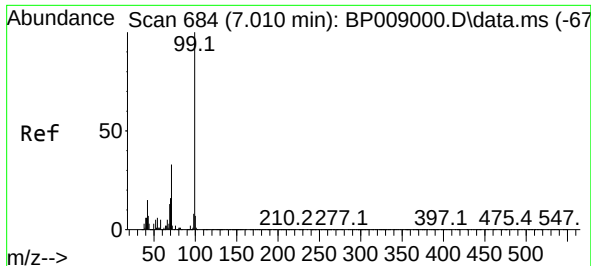
Tgt Ion:152 Resp: 225398
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 53.8 43.7 65.5



#5
2-Fluorophenol
Concen: 87.757 ng
RT: 5.417 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

Tgt Ion:112 Resp: 1279108
Ion Ratio Lower Upper
112 100
64 53.4 39.7 59.5
63 28.9 20.0 30.0

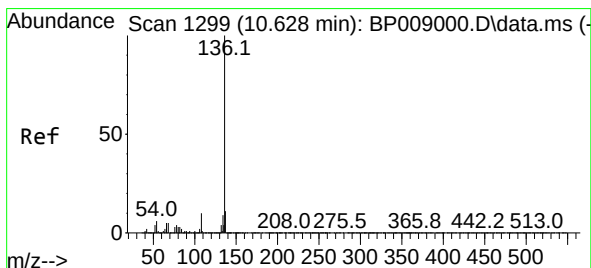
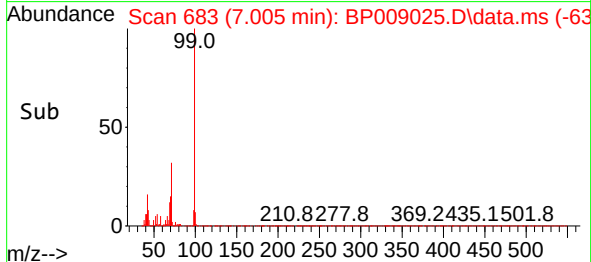
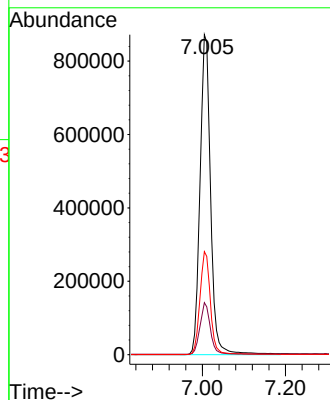
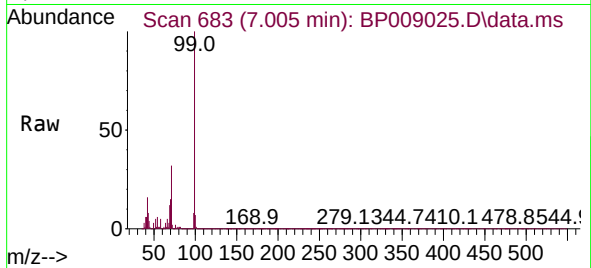




#7
Phenol-d6
Concen: 87.258 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

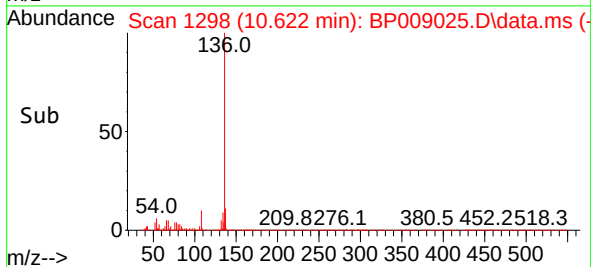
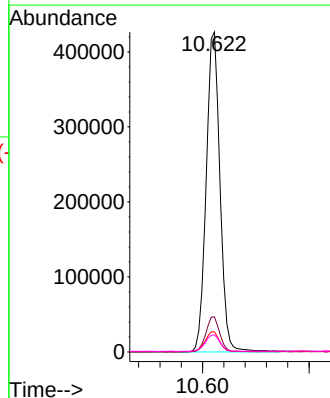
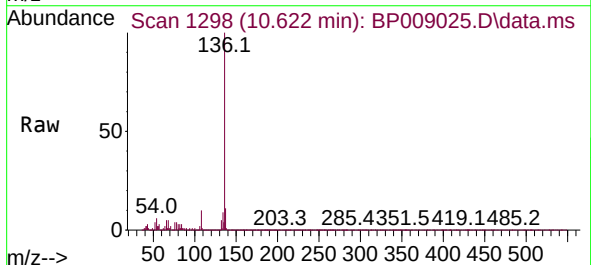
Instrument :
BNA_P
ClientSampleId :
HANDS-CONCRETE

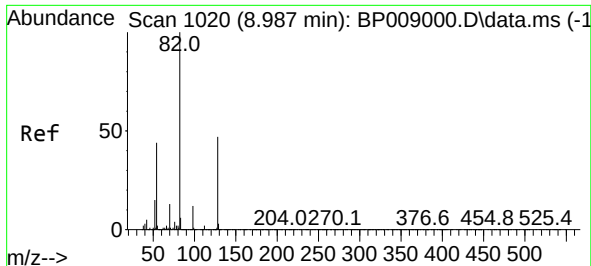
Tgt Ion: 99 Resp: 1540105
Ion Ratio Lower Upper
99 100
42 16.3 10.8 16.2#
71 32.2 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

Tgt Ion: 136 Resp: 765281
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.3 4.9 7.3
68 5.3 4.3 6.5

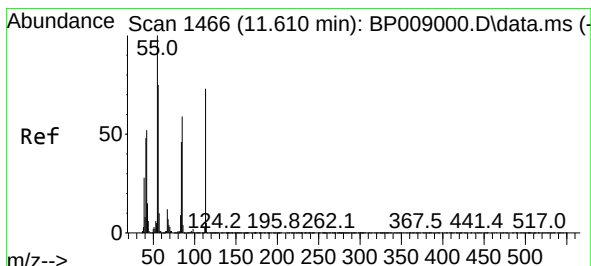
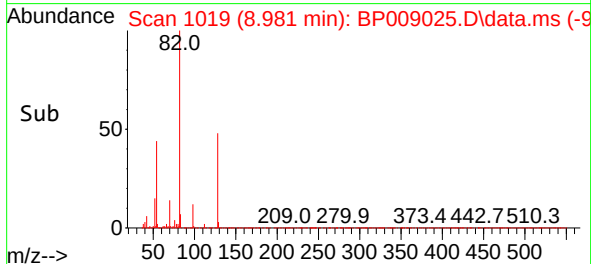
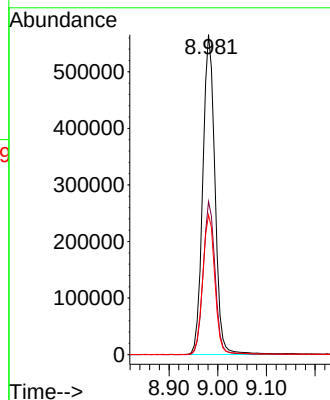
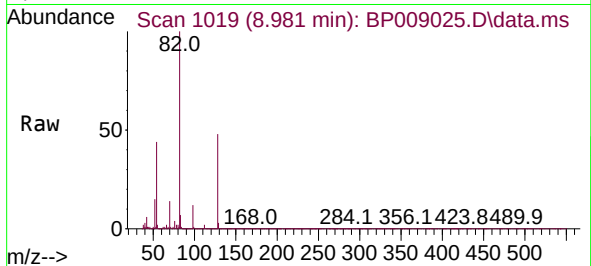




#23
Nitrobenzene-d5
Concen: 72.943 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

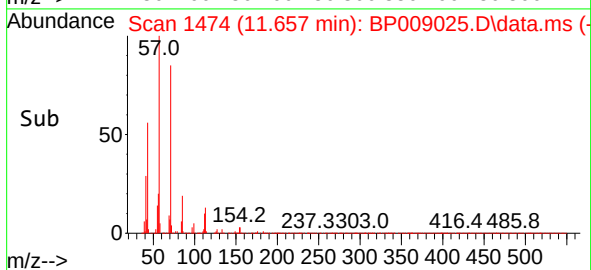
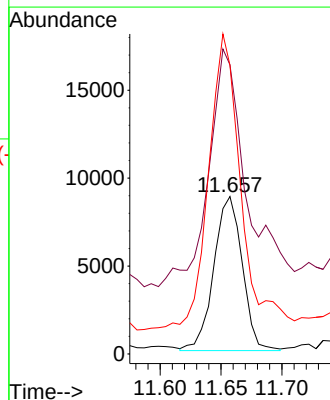
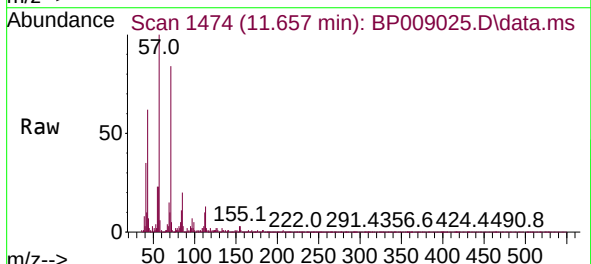
Instrument :
BNA_P
ClientSampleId :
HANDS-CONCRETE

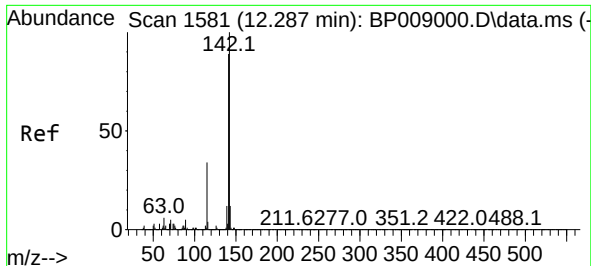
Tgt Ion: 82 Resp: 983243
Ion Ratio Lower Upper
82 100
128 47.8 39.4 59.2
54 43.7 32.6 48.8



#35
Caprolactam
Concen: 3.883 ng
RT: 11.657 min Scan# 1474
Delta R.T. 0.047 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

Tgt Ion: 113 Resp: 14257
Ion Ratio Lower Upper
113 100
55 183.5 107.1 147.1#
56 183.3 74.1 114.1#

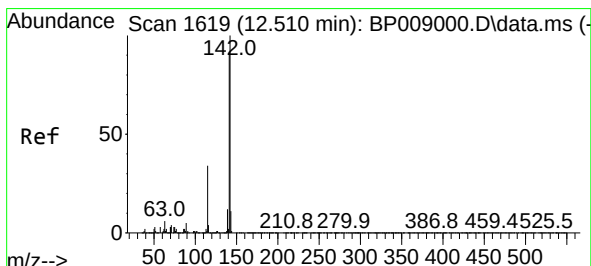
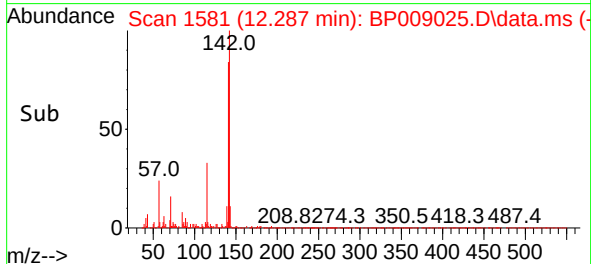
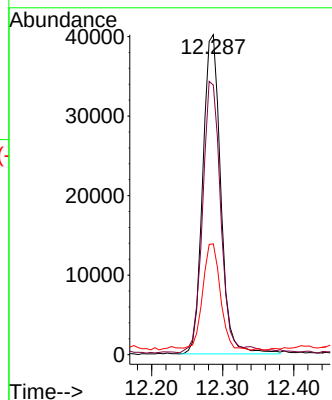
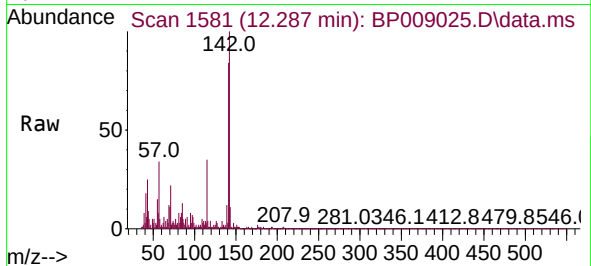




#37
2-Methylnaphthalene
Concen: 2.327 ng
RT: 12.287 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

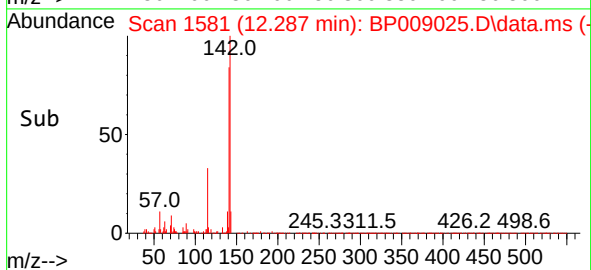
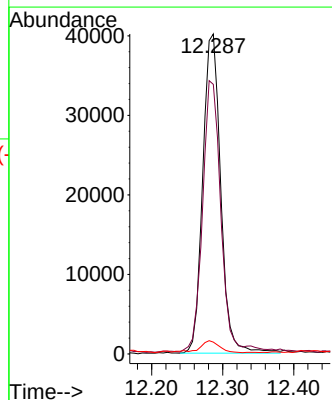
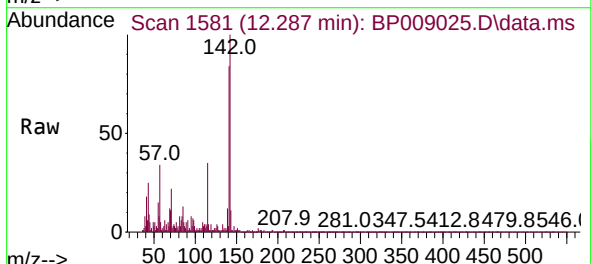
Instrument :
BNA_P
ClientSampleId :
HANDS-CONCRETE

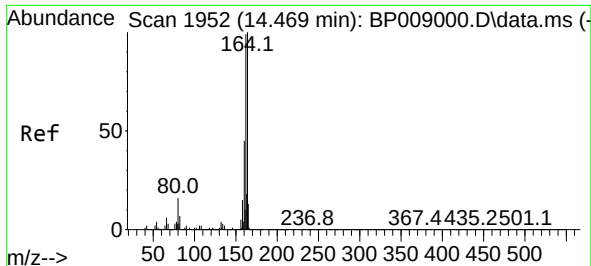
Tgt Ion:	142	Resp:	70722
Ion Ratio	Lower	Upper	
142	100		
141	84.3	70.5	105.7
115	34.7	24.6	36.8



#38
1-Methylnaphthalene
Concen: 2.536 ng
RT: 12.287 min Scan# 1581
Delta R.T. -0.223 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

Tgt Ion:	142	Resp:	70722
Ion Ratio	Lower	Upper	
142	100		
141	84.3	73.2	109.8
116	3.7	2.7	4.1

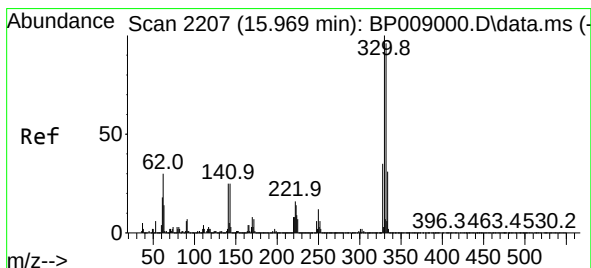
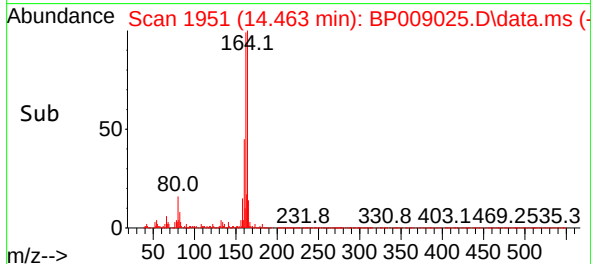
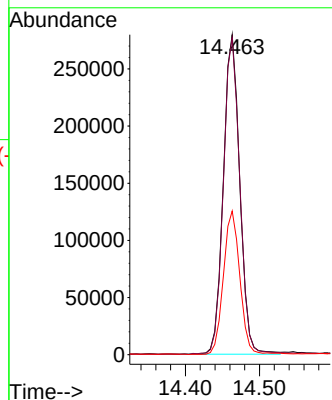
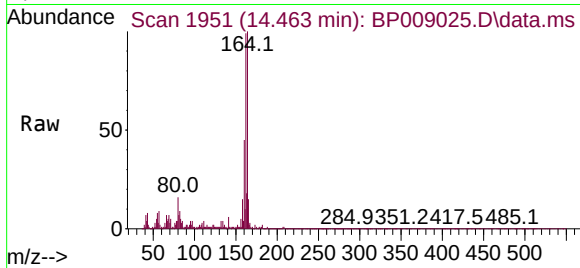




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

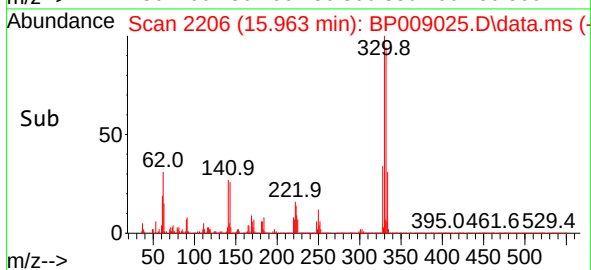
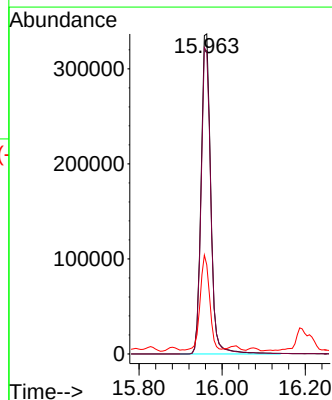
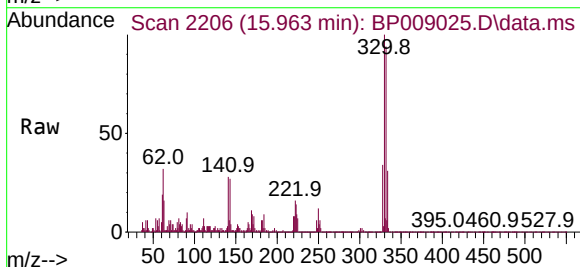
Instrument :
BNA_P
ClientSampleId :
HANDS-CONCRETE

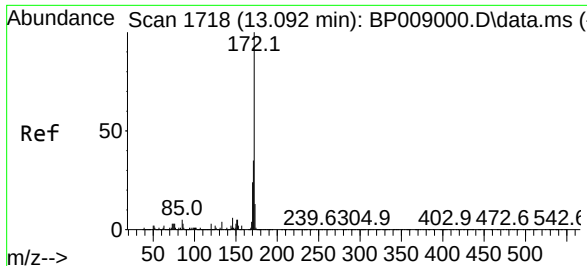
Tgt Ion:164 Resp: 431056
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 44.9 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 86.656 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

Tgt Ion:330 Resp: 543718
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 29.4 21.3 31.9

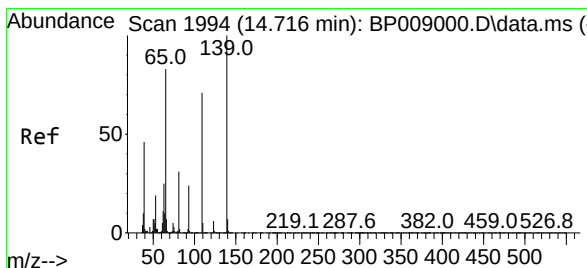
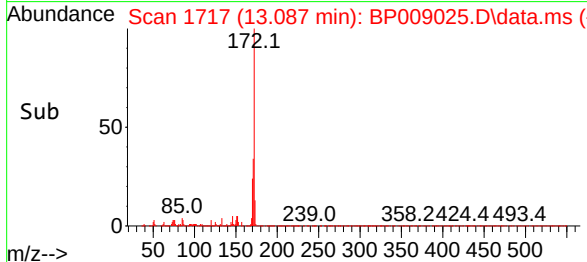
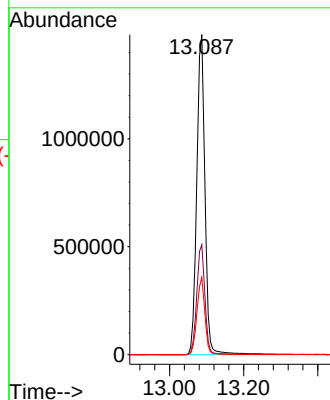
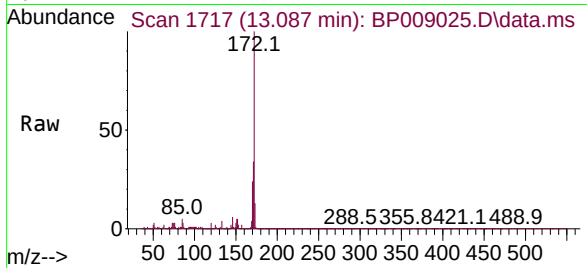




#45
2-Fluorobiphenyl
Concen: 69.909 ng
RT: 13.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

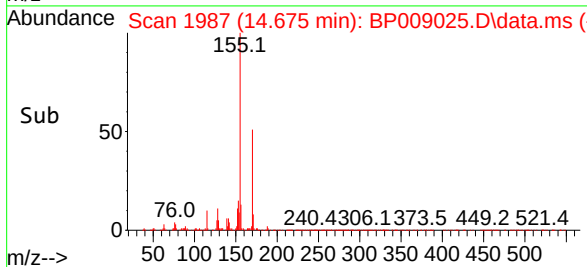
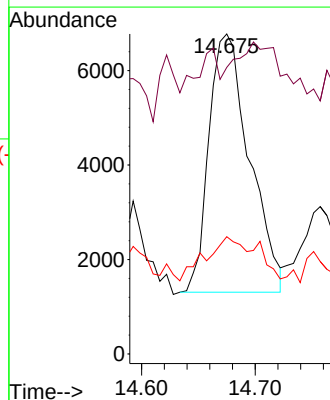
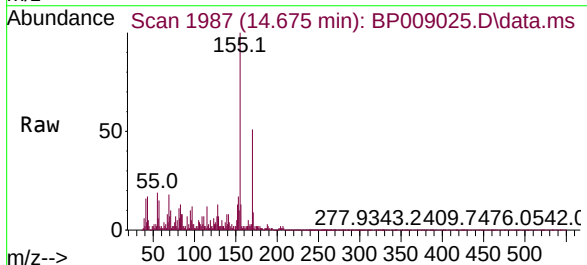
Instrument :
BNA_P
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HANDS-CONCRETE

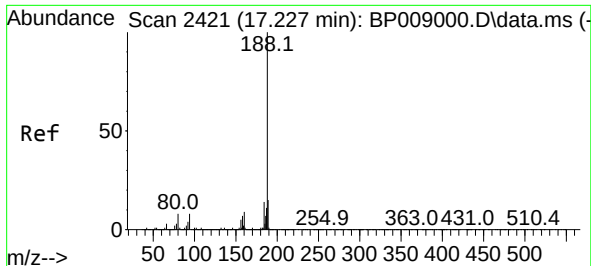
Tgt Ion:172 Resp: 2285124
Ion Ratio Lower Upper
172 100
171 34.4 29.3 43.9
170 24.2 19.5 29.3



#56
4-Nitrophenol
Concen: 2.826 ng
RT: 14.675 min Scan# 1987
Delta R.T. -0.041 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

Tgt Ion:139 Resp: 13590
Ion Ratio Lower Upper
139 100
109 89.5 42.2 82.2#
65 36.6 57.3 97.3#

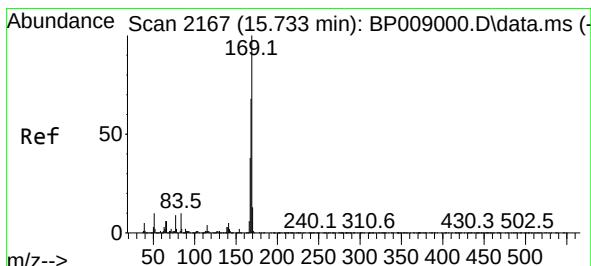
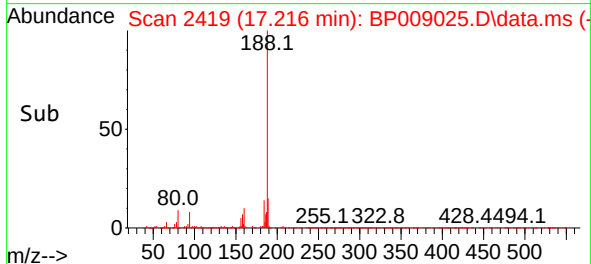
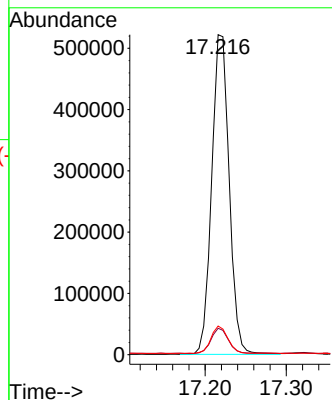
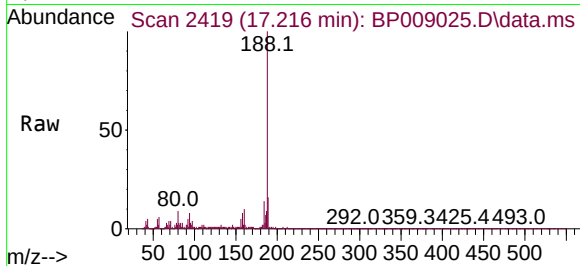




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

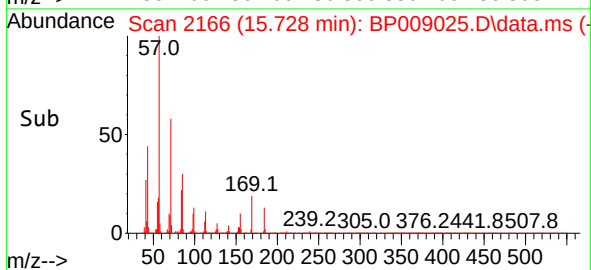
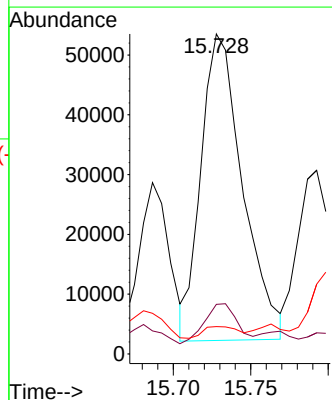
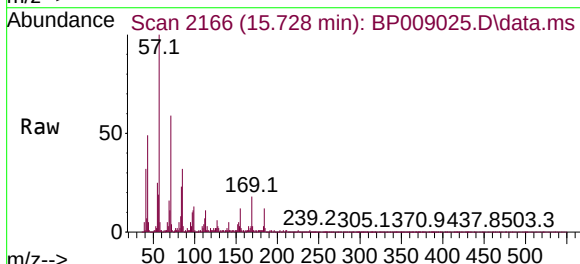
Instrument :
BNA_P
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HANDS-CONCRETE

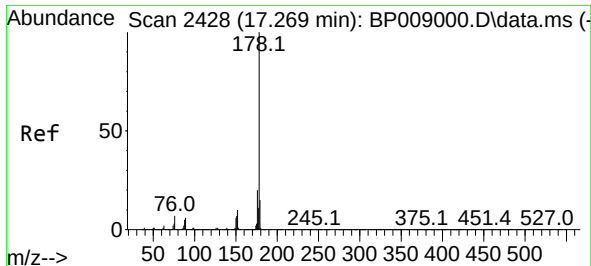
Tgt Ion:188 Resp: 781131
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.0 7.2 10.8



#66
n-Nitrosodiphenylamine
Concen: 3.808 ng
RT: 15.728 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

Tgt Ion:169 Resp: 95727
Ion Ratio Lower Upper
169 100
168 15.5 53.3 79.9#
167 8.6 29.0 43.6#

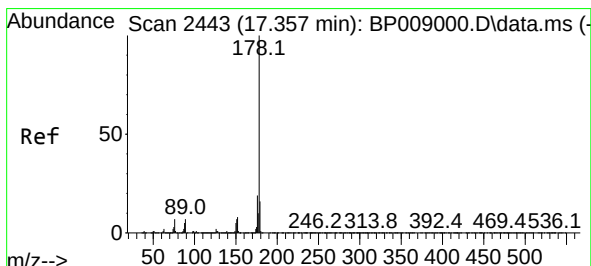
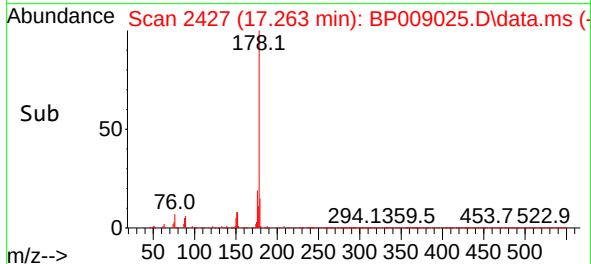
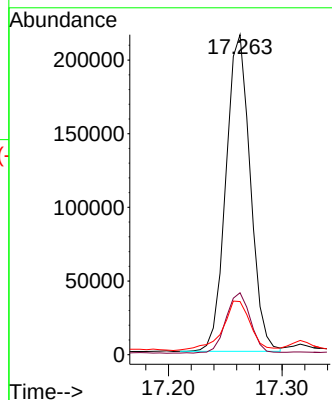
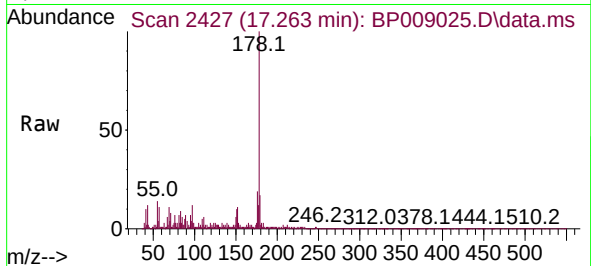




#71
Phenanthrene
Concen: 7.281 ng
RT: 17.263 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

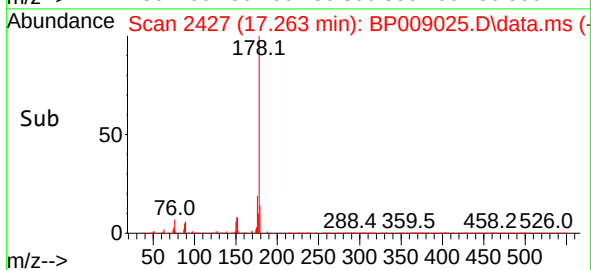
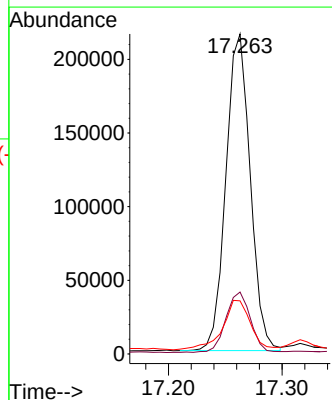
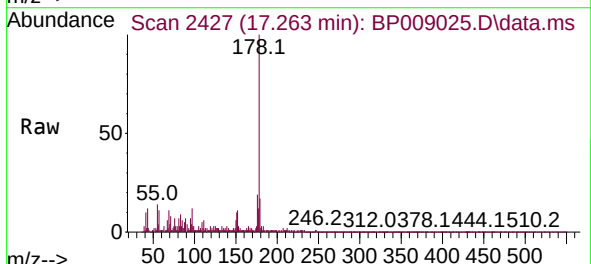
Instrument :
BNA_P
ClientSampleId :
HANDS-CONCRETE

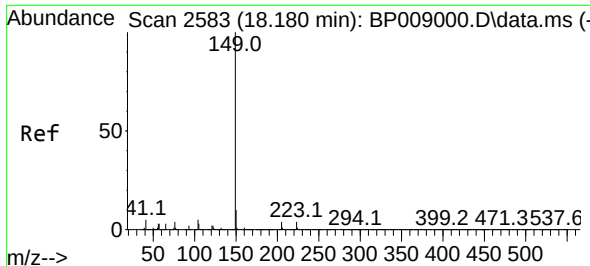
Tgt Ion:178 Resp: 320198
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.6 13.0 19.4



#72
Anthracene
Concen: 7.258 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.094 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

Tgt Ion:178 Resp: 320198
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 16.6 12.8 19.2

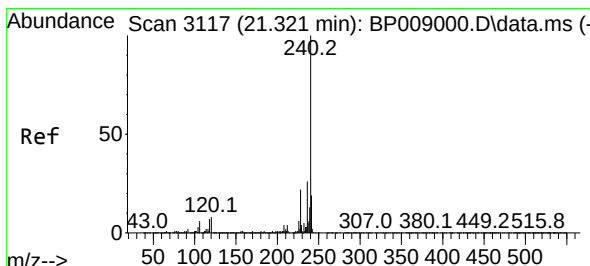
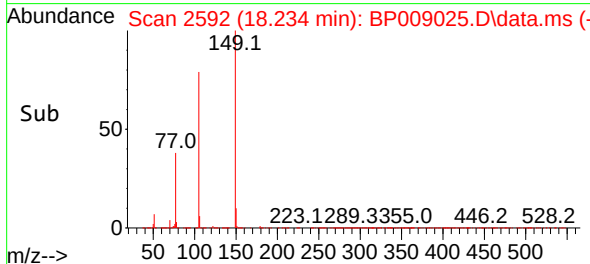
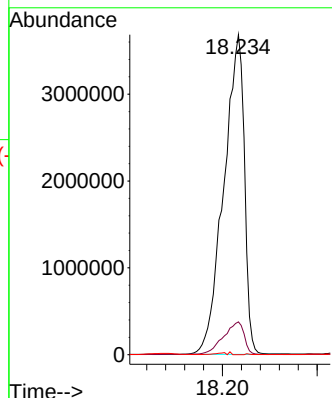
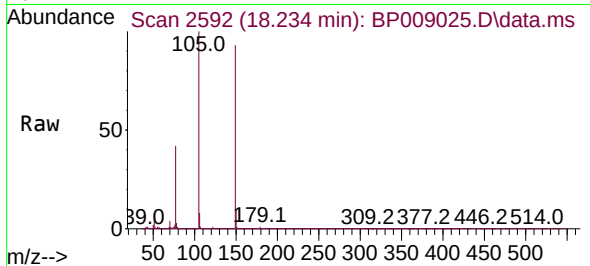




#74
Di-n-butylphthalate
Concen: 242.650 ng
RT: 18.234 min Scan# 2115
Delta R.T. 0.053 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

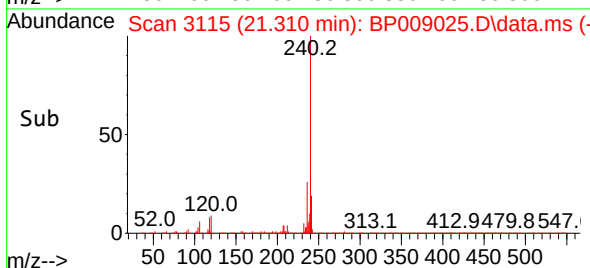
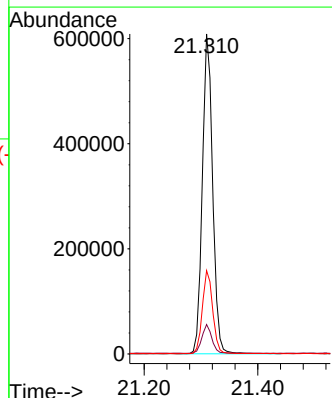
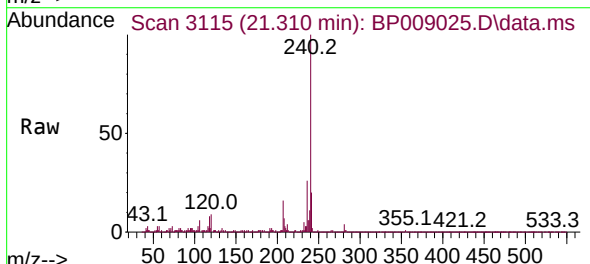
Instrument :
BNA_P
ClientSampleId :
HANDS-CONCRETE

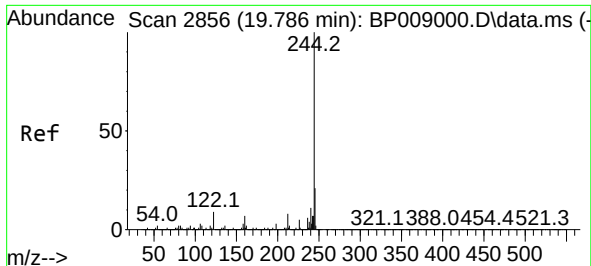
Tgt Ion:149 Resp:11077855
Ion Ratio Lower Upper
149 100
150 10.3 7.9 11.9
104 0.0 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP009025.D
Acq: 03 Feb 2022 12:57

Tgt Ion:240 Resp: 767346
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 26.1 21.2 31.8

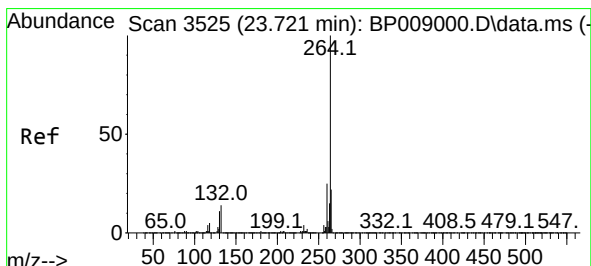
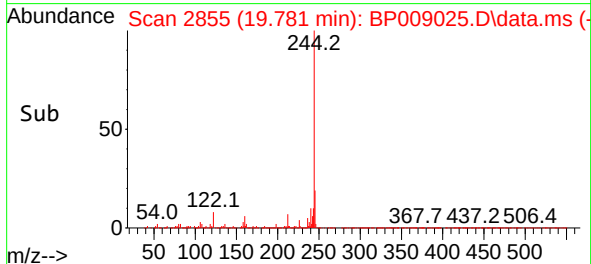
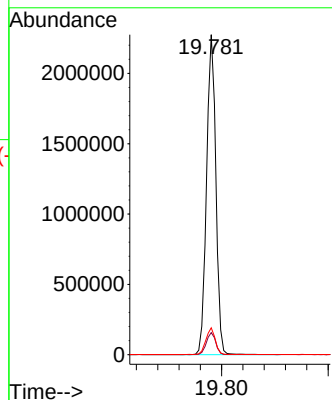
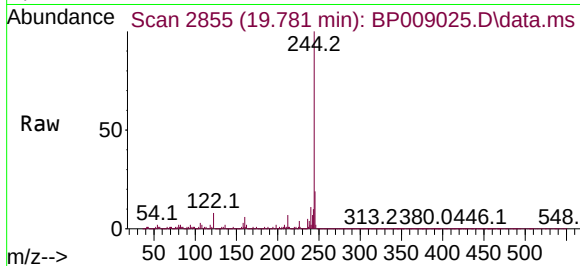




#79
 Terphenyl-d14
 Concen: 60.573 ng
 RT: 19.781 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009025.D
 Acq: 03 Feb 2022 12:57

Instrument :
 BNA_P
 ClientSampleId :
 HANDS-CONCRETE

Tgt Ion:244 Resp: 2753667
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 8.4 9.2 13.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.716 min Scan# 3524
 Delta R.T. -0.006 min
 Lab File: BP009025.D
 Acq: 03 Feb 2022 12:57

Tgt Ion:264 Resp: 941456
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 21.8 17.1 25.7

