

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
 Data File : BP008821.D
 Acq On : 17 Jan 2022 13:41
 Operator : CG/JU
 Sample : N1143-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Time: Jan 17 14:33:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

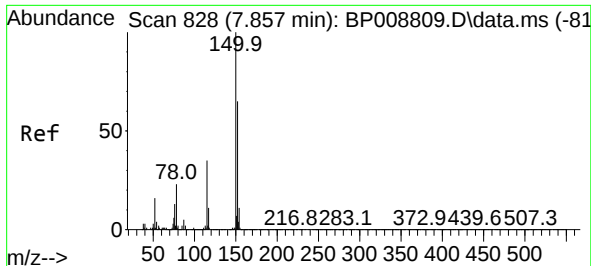
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	327139	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1338245	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	906149	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1920461	20.000	ng	0.00
76) Chrysene-d12	21.339	240	1895261	20.000	ng	0.00
86) Perylene-d12	23.768	264	1731986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2350386	111.105	ng	0.00
7) Phenol-d6	7.034	99	2736934	106.840	ng	0.00
23) Nitrobenzene-d5	9.016	82	1698248	72.046	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1494617	113.315	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	4663903	67.875	ng	0.00
79) Terphenyl-d14	19.815	244	7177852	63.927	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.004	77	138210	8.072	ng	# 1
10) Phenol	7.057	94	64036	2.452	ng	68
18) Hexachloroethane	8.969	117	331411	35.908	ng	# 1
19) n-Nitroso-di-n-propyla...	8.634	70	99001	6.611	ng	# 48
22) Acetophenone	8.663	105	1742934	51.127	ng	# 61
24) Nitrobenzene	9.063	77	54435	2.286	ng	# 40
25) Isophorone	9.581	82	99923	2.346	ng	# 1
31) Naphthalene	10.704	128	670929	9.231	ng	97
37) 2-Methylnaphthalene	12.316	142	139158	2.619	ng	96
84) Bis(2-ethylhexyl)phtha...	21.256	149	232440	2.822	ng	96

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

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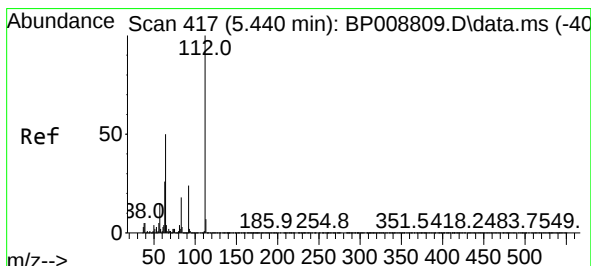
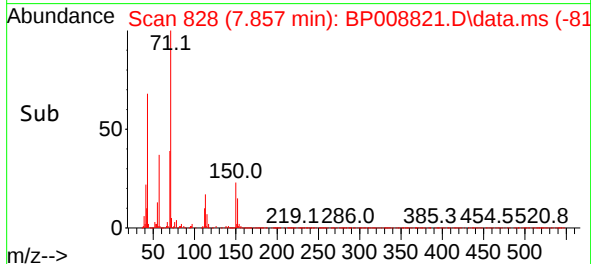
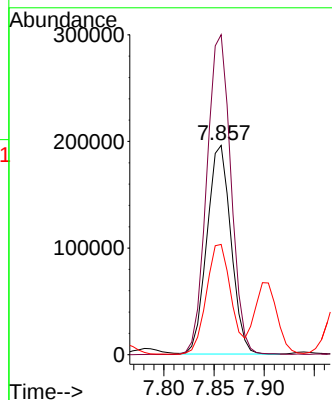
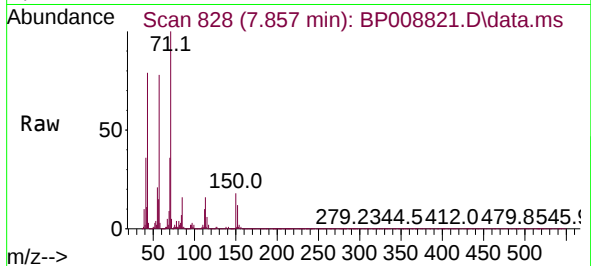




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

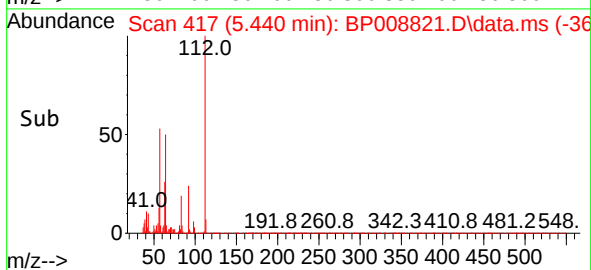
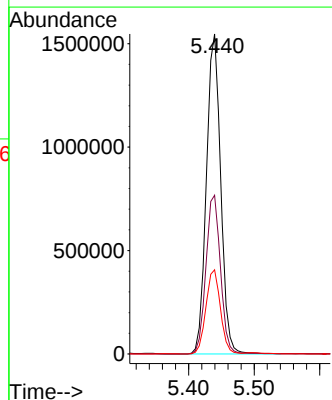
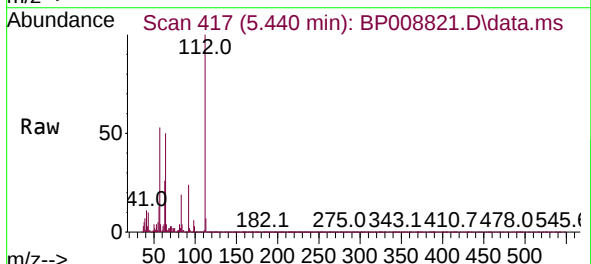
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

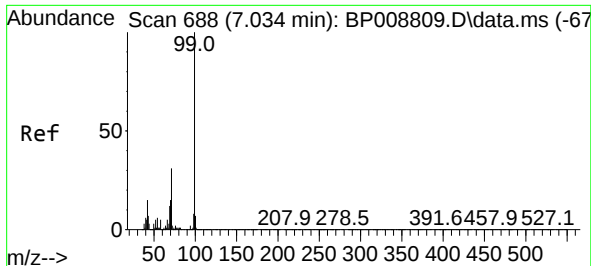
Tgt Ion:152 Resp: 327139
Ion Ratio Lower Upper
152 100
150 152.9 127.0 190.6
115 52.7 43.7 65.5



#5
2-Fluorophenol
Concen: 111.105 ng
RT: 5.440 min Scan# 417
Delta R.T. -0.000 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Tgt Ion:112 Resp: 2350386
Ion Ratio Lower Upper
112 100
64 49.6 39.7 59.5
63 26.3 20.0 30.0

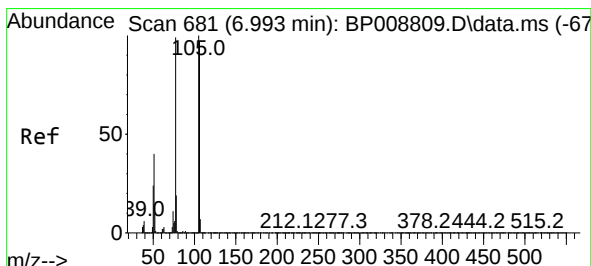
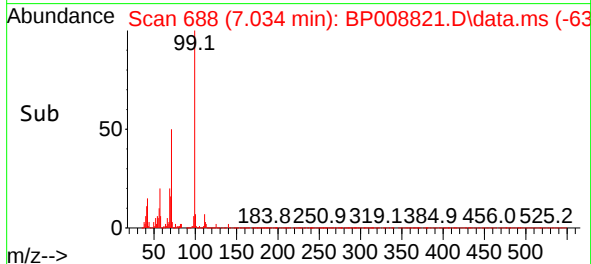
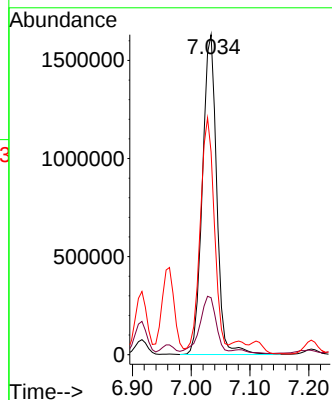
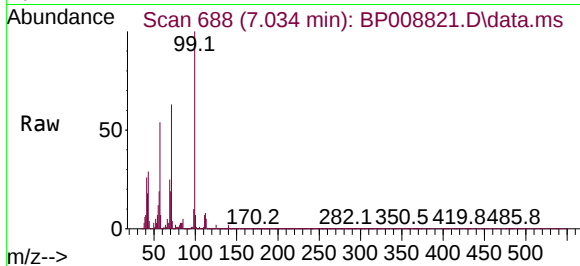




#7
Phenol-d6
Concen: 106.840 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

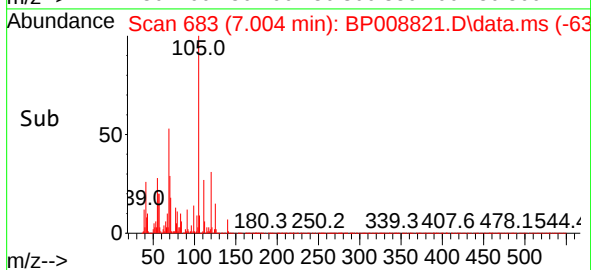
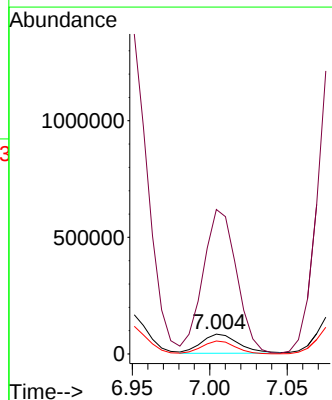
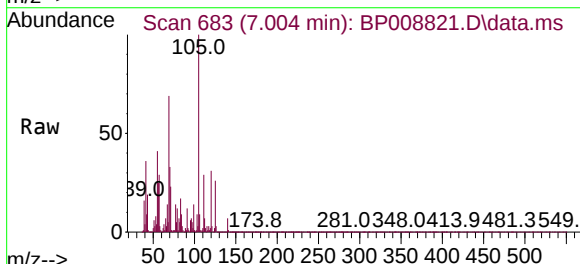
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

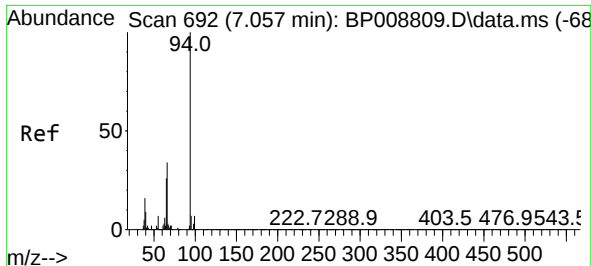
Tgt Ion: 99 Resp: 2736934
Ion Ratio Lower Upper
99 100
42 17.8 10.8 16.2#
71 63.4 23.8 35.6#



#9
Benzaldehyde
Concen: 8.072 ng
RT: 7.004 min Scan# 683
Delta R.T. 0.012 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Tgt Ion: 77 Resp: 138210
Ion Ratio Lower Upper
77 100
105 729.4 84.2 124.2#
106 65.5 80.6 120.6#

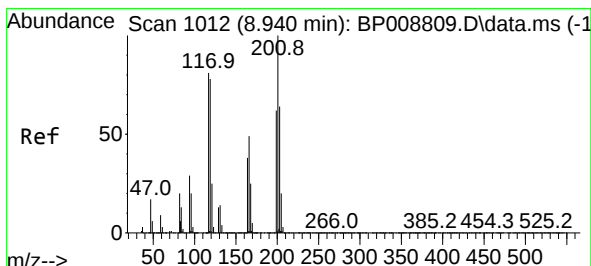
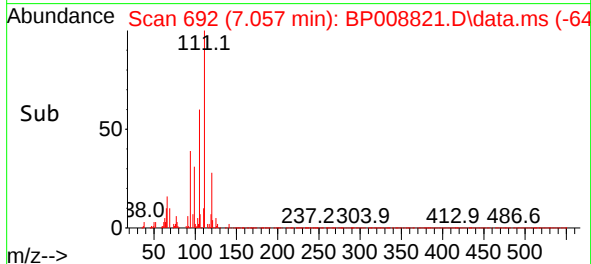
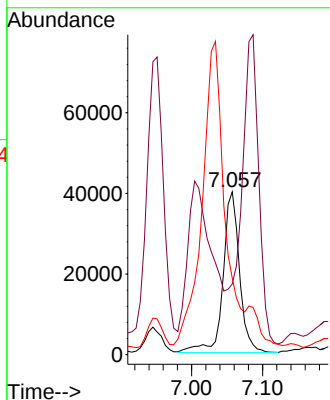
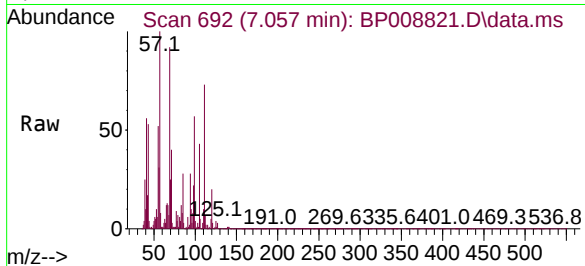




#10
Phenol
Concen: 2.452 ng
RT: 7.057 min Scan# 692
Delta R.T. -0.000 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

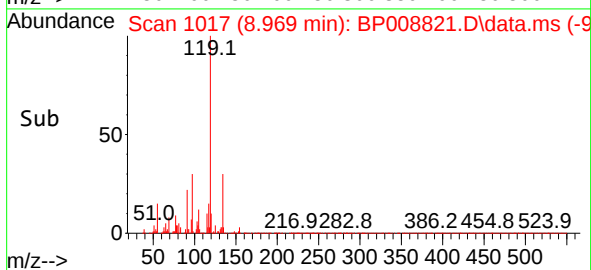
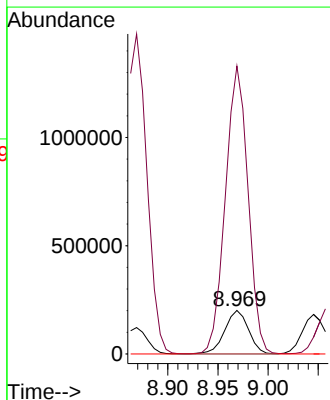
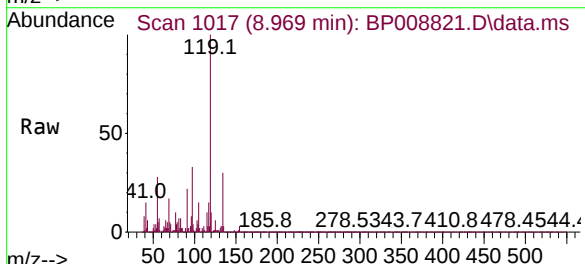
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

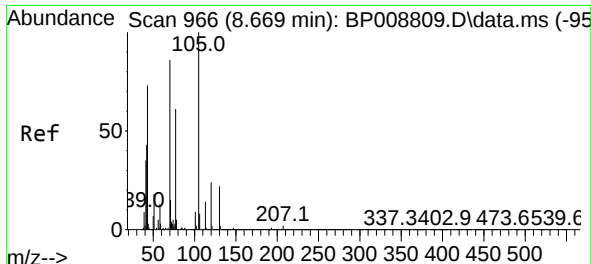
Tgt Ion: 94 Resp: 64036
Ion Ratio Lower Upper
94 100
65 43.4 4.1 44.1
66 47.0 12.4 52.4



#18
Hexachloroethane
Concen: 35.908 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.029 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Tgt Ion: 117 Resp: 331411
Ion Ratio Lower Upper
117 100
119 661.7 76.9 115.3#
201 0.0 93.7 140.5#

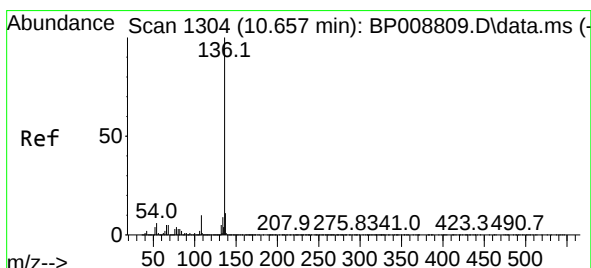
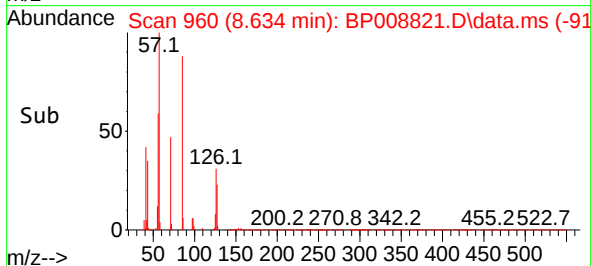
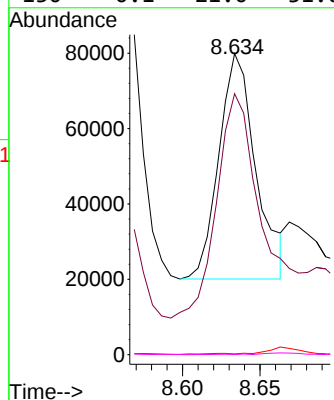
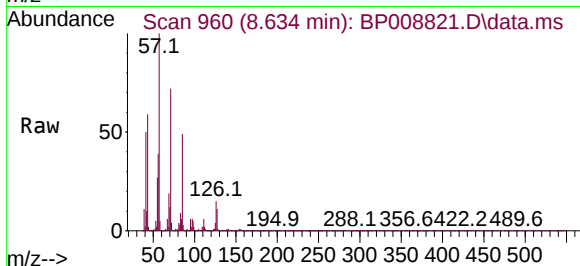




#19
n-Nitroso-di-n-propylamine
Concen: 6.611 ng
RT: 8.634 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

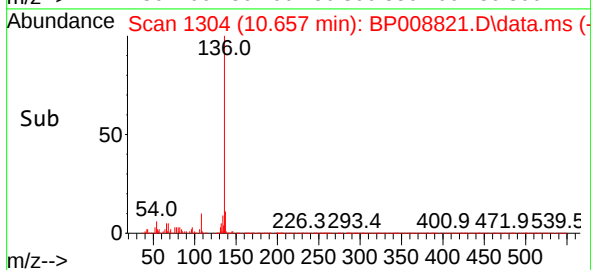
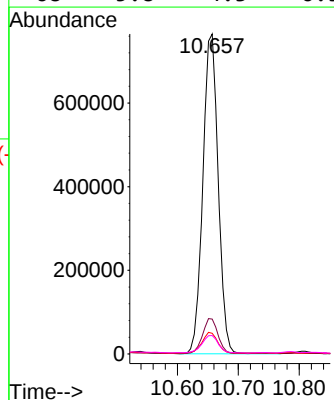
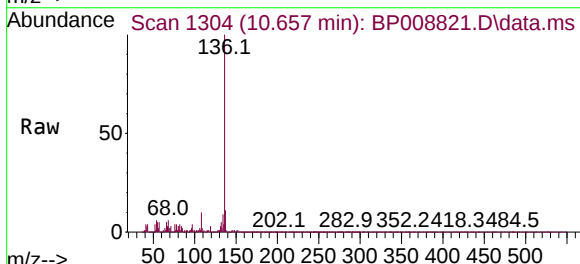
Instrument : BNA_P
ClientSampleId : WEST-BOILER-ROOM-WEST-SIDEWALL

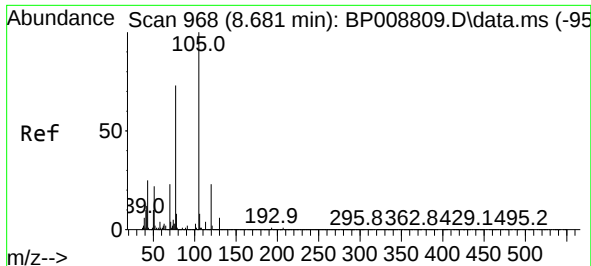
Tgt Ion:	70	Resp:	99001
Ion	Ratio	Lower	Upper
70	100		
42	86.6	38.2	57.2#
101	0.3	8.7	13.1#
130	0.1	21.0	31.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Tgt Ion:	136	Resp:	1338245
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.4	4.9	7.3
68	5.8	4.3	6.5

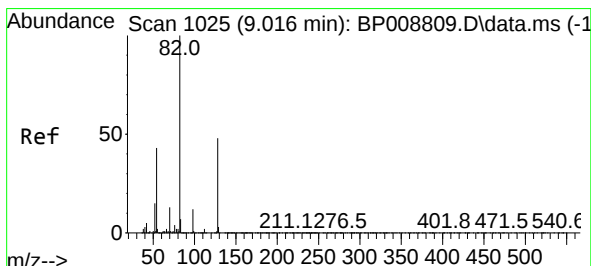
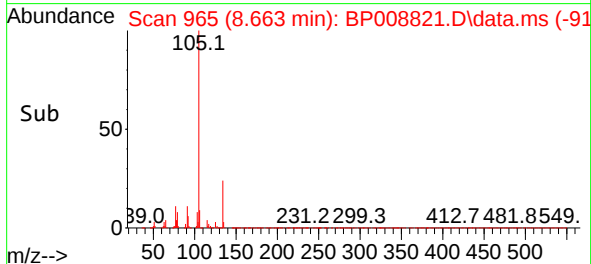
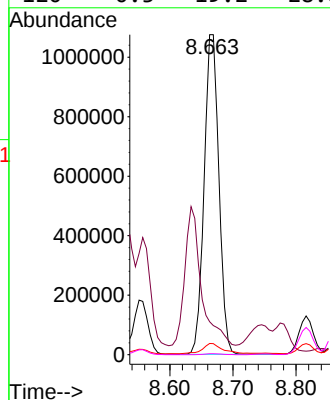
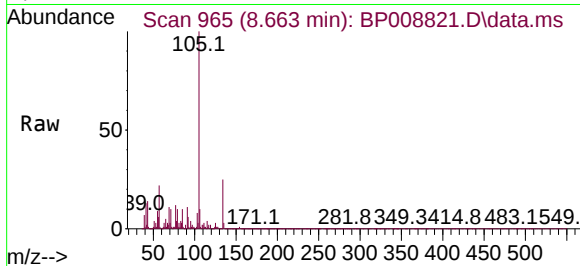




#22
Acetophenone
Concen: 51.127 ng
RT: 8.663 min Scan# 90
Delta R.T. -0.018 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

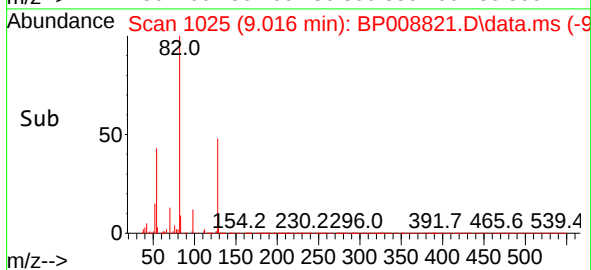
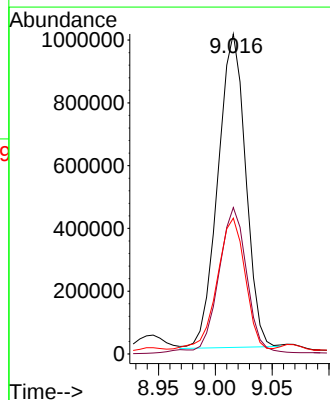
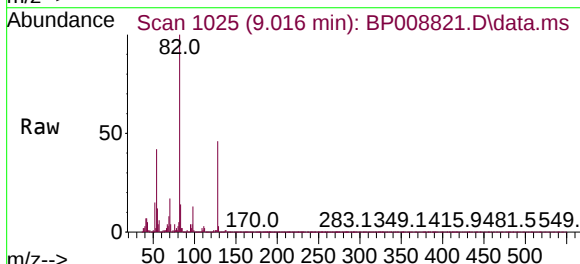
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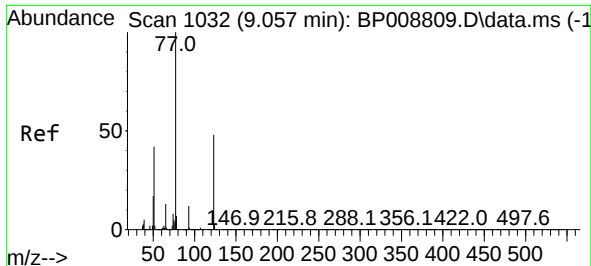
Tgt Ion:105 Resp: 1742934
Ion Ratio Lower Upper
105 100
71 10.3 5.3 7.9#
51 3.5 16.3 24.5#
120 0.3 19.2 28.8#



#23
Nitrobenzene-d5
Concen: 72.046 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Tgt Ion: 82 Resp: 1698248
Ion Ratio Lower Upper
82 100
128 45.7 39.4 59.2
54 42.5 32.6 48.8

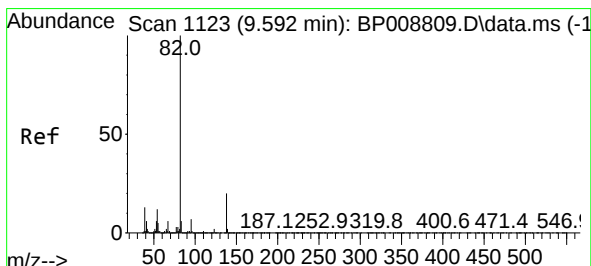
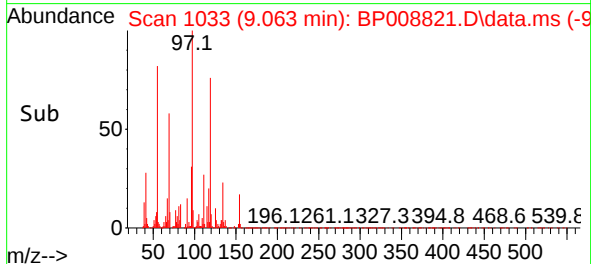
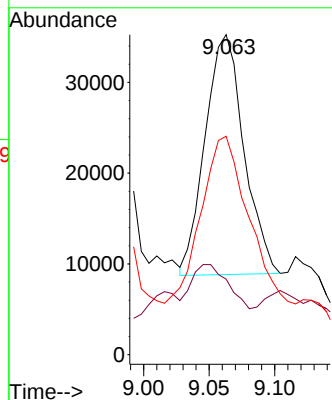
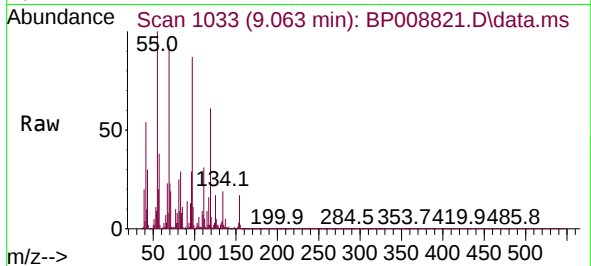




#24
Nitrobenzene
Concen: 2.286 ng
RT: 9.063 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

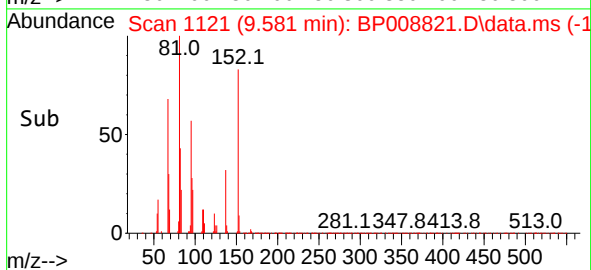
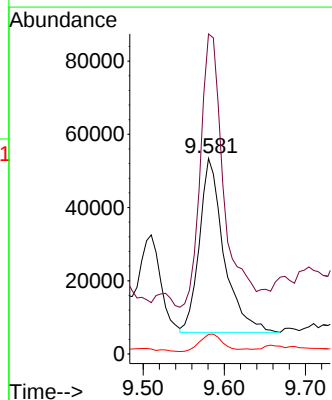
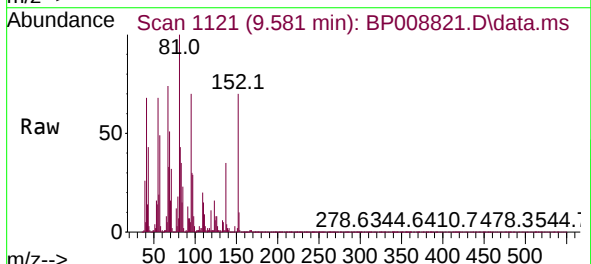
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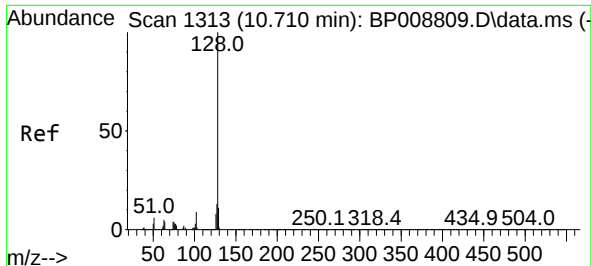
Tgt Ion: 77 Resp: 54435
Ion Ratio Lower Upper
77 100
123 23.6 41.4 62.2#
65 68.2 9.8 14.8#



#25
Isophorone
Concen: 2.346 ng
RT: 9.581 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Tgt Ion: 82 Resp: 99923
Ion Ratio Lower Upper
82 100
95 163.6 5.4 8.2#
138 10.1 16.6 24.8#

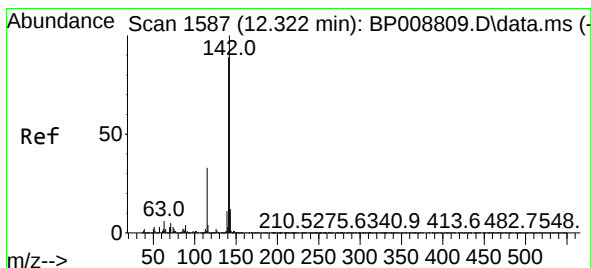
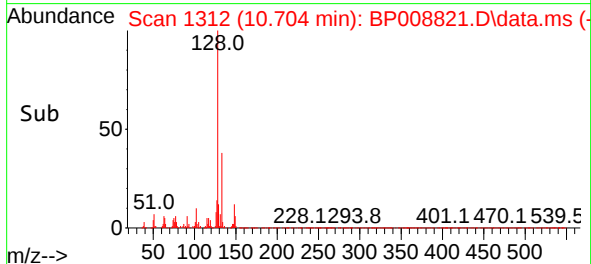
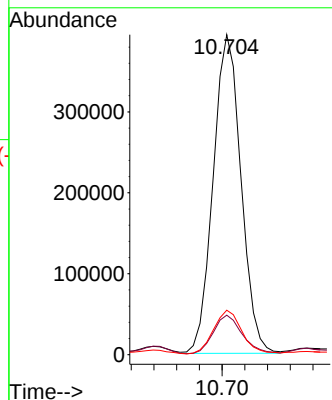
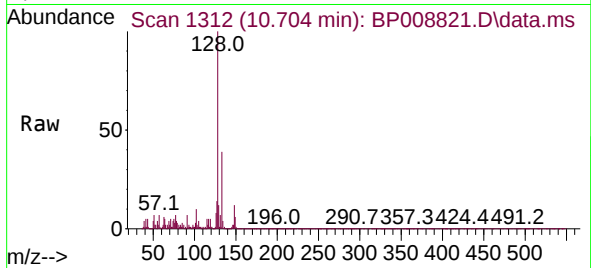




#31
Naphthalene
Concen: 9.231 ng
RT: 10.704 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

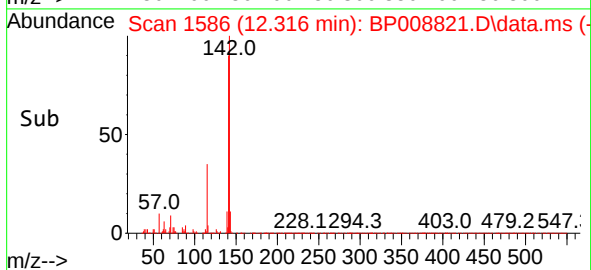
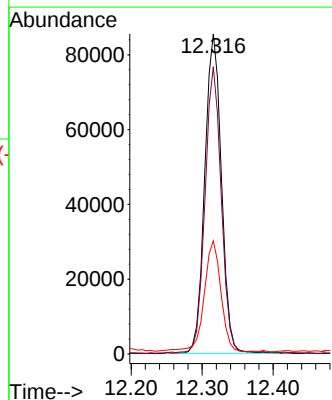
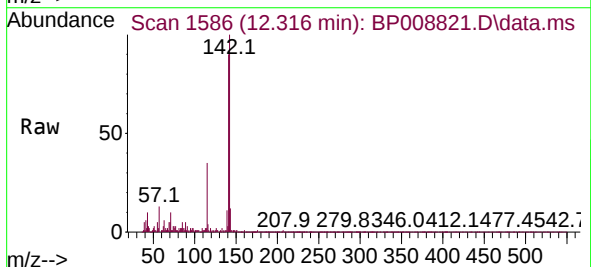
Instrument : BNA_P
ClientSampleId : WEST-BOILER-ROOM-WEST-SIDEWALL

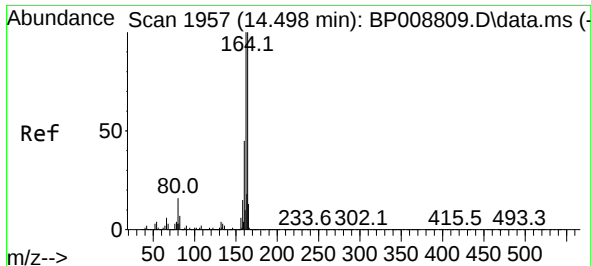
Tgt Ion:128 Resp: 670929
Ion Ratio Lower Upper
128 100
129 12.4 8.8 13.2
127 13.9 10.4 15.6



#37
2-Methylnaphthalene
Concen: 2.619 ng
RT: 12.316 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Tgt Ion:142 Resp: 139158
Ion Ratio Lower Upper
142 100
141 89.8 70.5 105.7
115 35.3 24.6 36.8

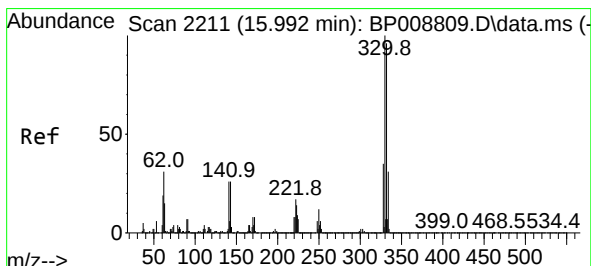
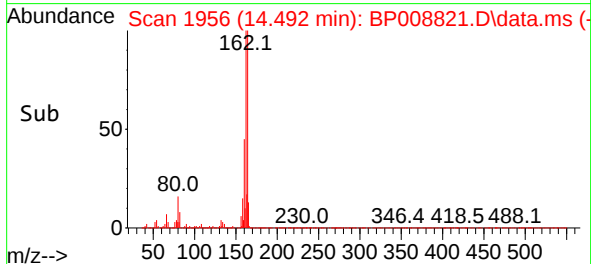
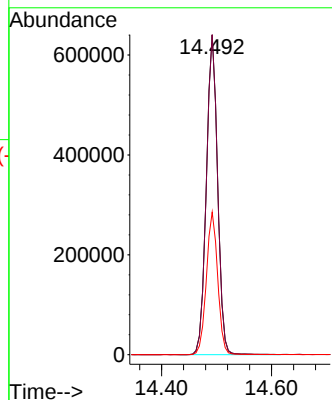
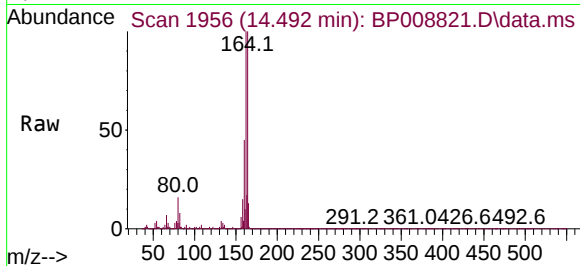




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

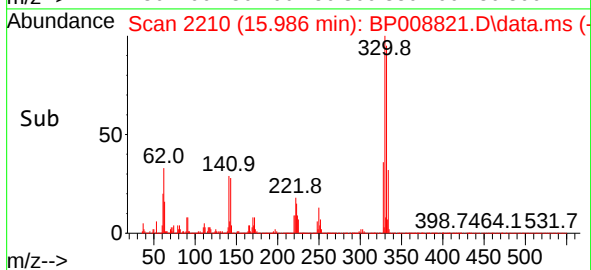
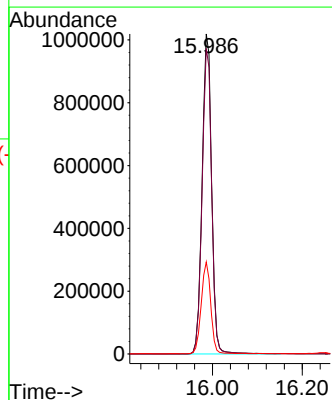
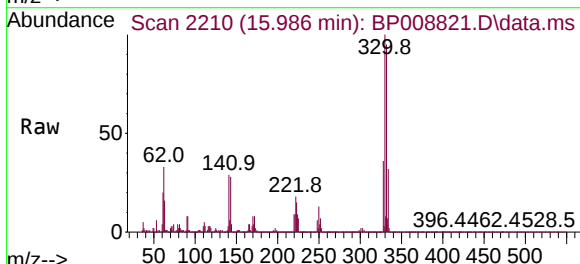
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

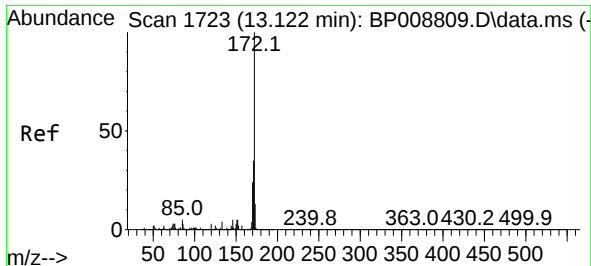
Tgt Ion:164 Resp: 906149
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 44.6 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 113.315 ng
RT: 15.986 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Tgt Ion:330 Resp: 1494617
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 28.6 21.3 31.9

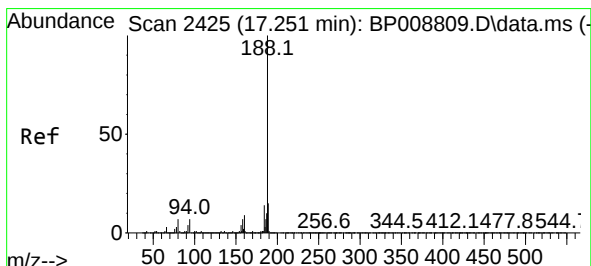
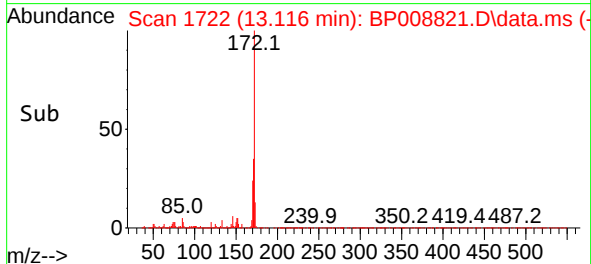
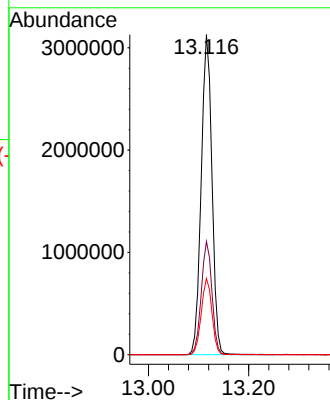
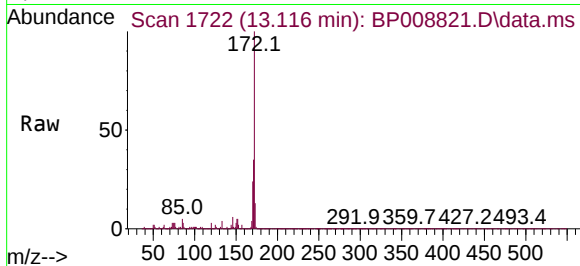




#45
2-Fluorobiphenyl
Concen: 67.875 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

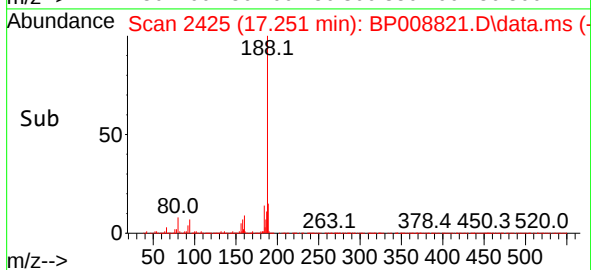
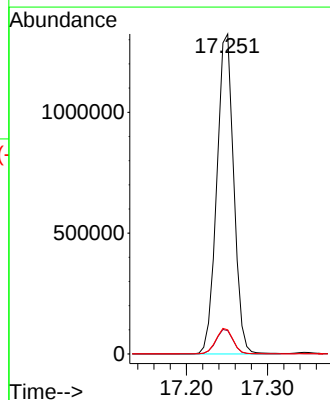
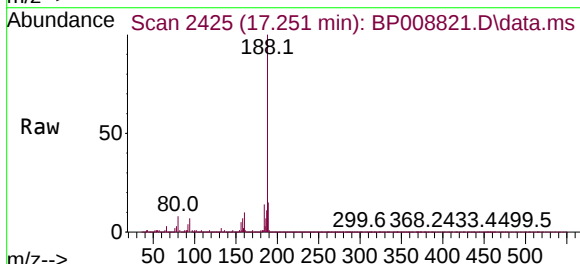
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

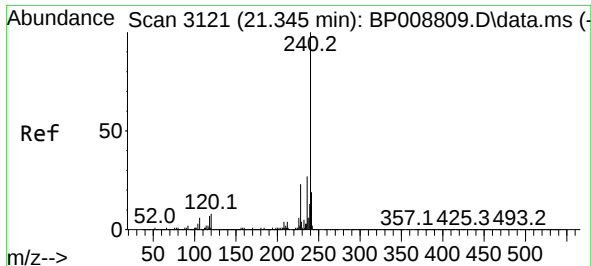
Tgt Ion:172 Resp: 4663903
Ion Ratio Lower Upper
172 100
171 35.4 29.3 43.9
170 23.8 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Tgt Ion:188 Resp: 1920461
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.6 7.2 10.8

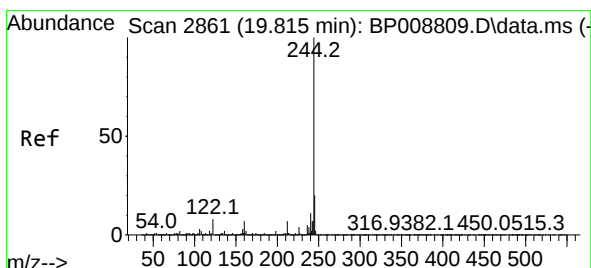
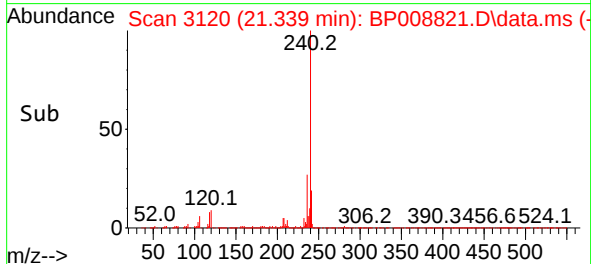
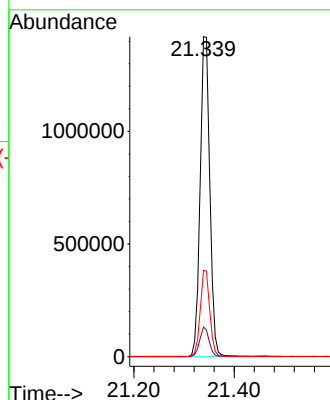
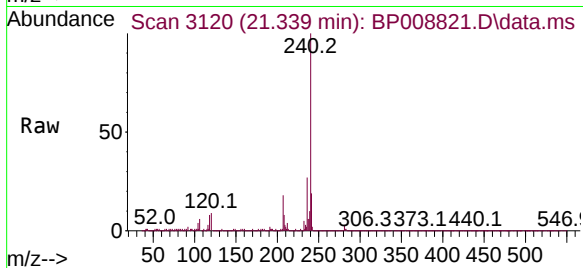




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

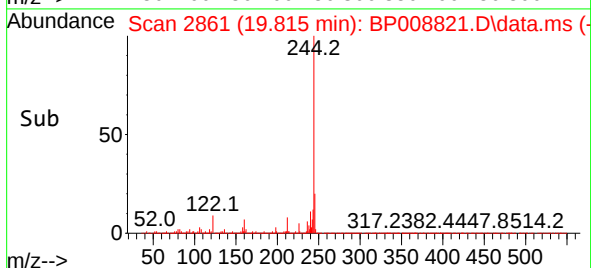
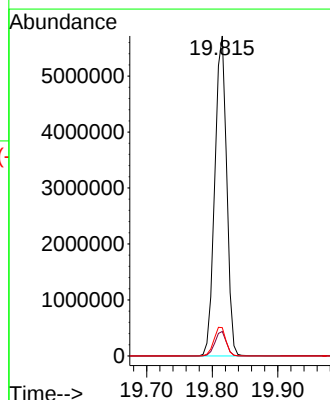
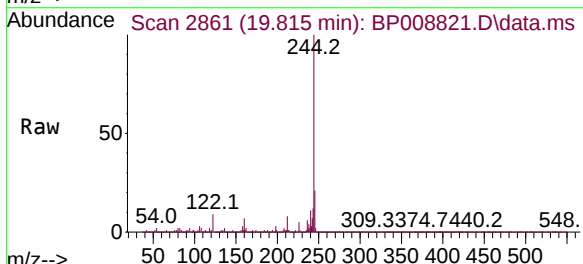
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

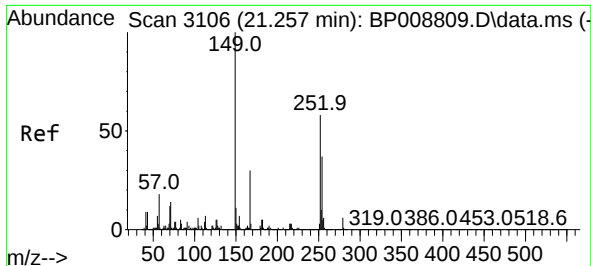
Tgt Ion:240 Resp: 1895261
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 27.0 21.2 31.8



#79
Terphenyl-d14
Concen: 63.927 ng
RT: 19.815 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Tgt Ion:244 Resp: 7177852
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 8.9 9.2 13.8#

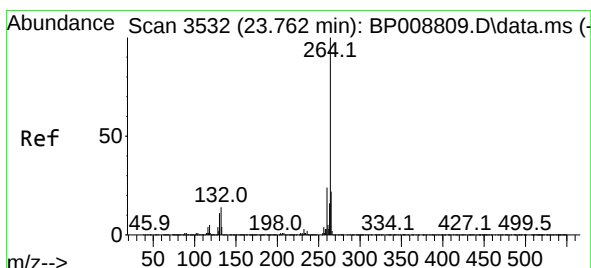
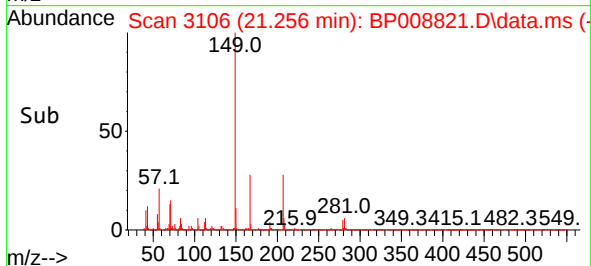
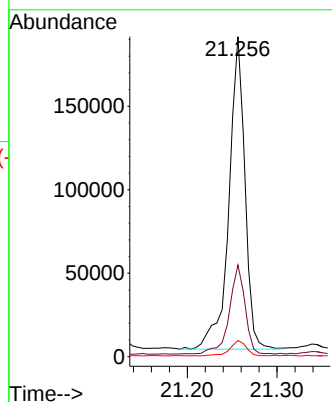
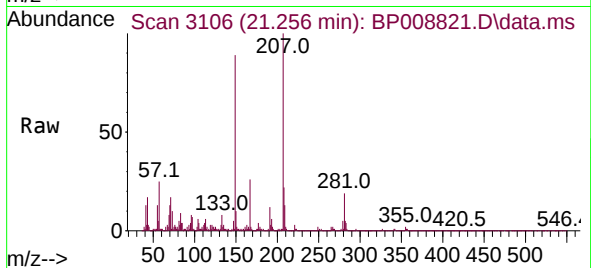




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.822 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

Tgt Ion:149 Resp: 232440
Ion Ratio Lower Upper
149 100
167 28.6 25.0 37.4
279 5.1 4.8 7.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP008821.D
Acq: 17 Jan 2022 13:41

Tgt Ion:264 Resp: 1731986
Ion Ratio Lower Upper
264 100
260 25.1 19.1 28.7
265 22.1 17.1 25.7

