

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008362.D
 Acq On : 11 Dec 2021 03:19
 Operator : CG/JU
 Sample : M4964-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EAST-SIDEWALL

Quant Time: Dec 11 04:04:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

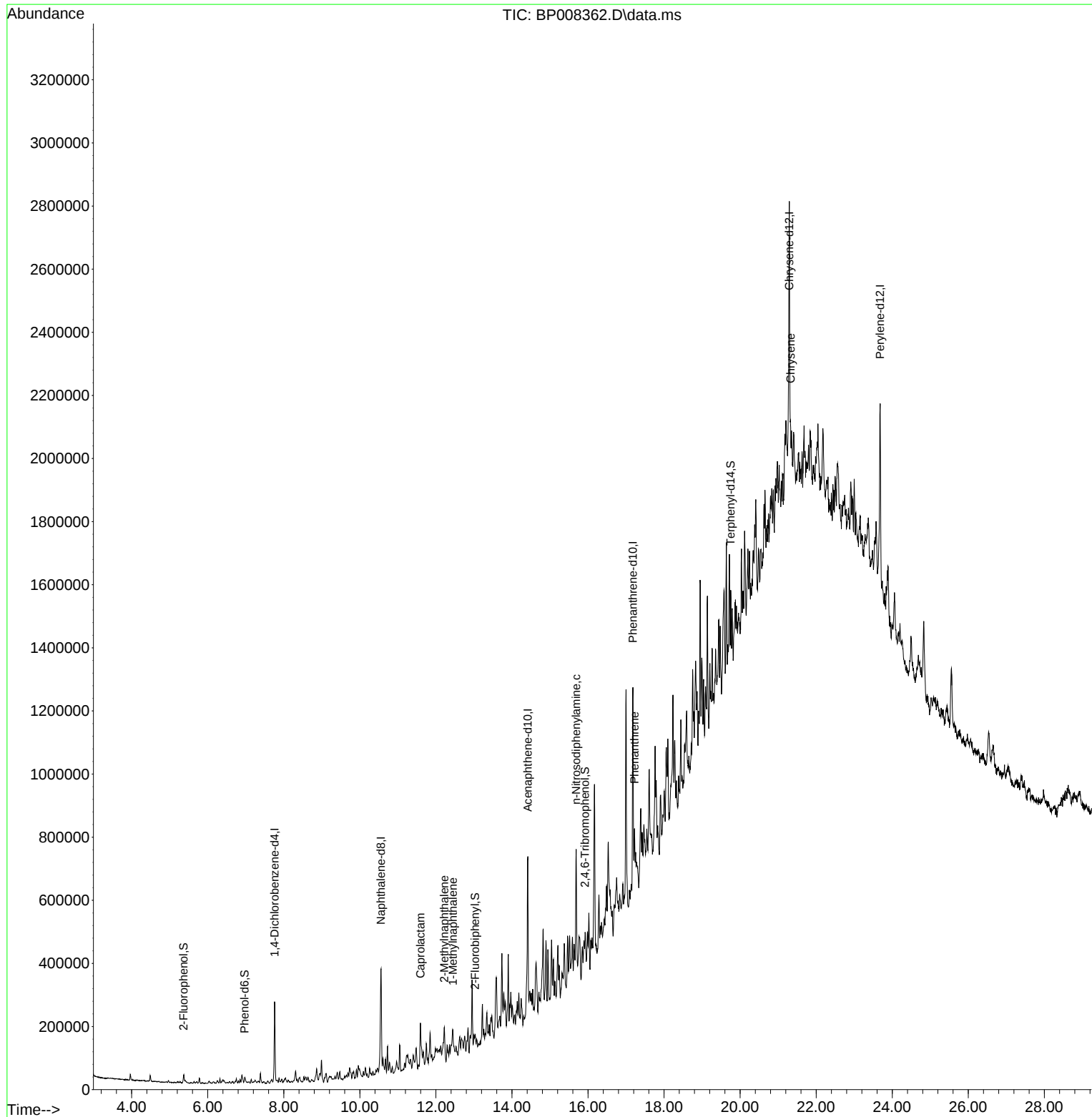
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	65769	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	234082	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	153408	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	347135	20.000	ng	0.00
76) Chrysene-d12	21.292	240	401340	20.000	ng	0.00
86) Perylene-d12	23.680	264	437964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	12316	3.015	ng	0.00
7) Phenol-d6	6.969	99	13983	2.536	ng	0.02
23) Nitrobenzene-d5	8.934	82	10161	1.974	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	6280	3.203	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	22335	2.115	ng	0.00
79) Terphenyl-d14	19.751	244	44604	2.323	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.911	77	813	Below Cal	#	1
35) Caprolactam	11.593	113	4663	5.456	ng	# 1
37) 2-Methylnaphthalene	12.222	142	31698	3.737	ng	# 96
38) 1-Methylnaphthalene	12.446	142	27504	3.332	ng	# 95
66) n-Nitrosodiphenylamine	15.687	169	41818	4.159	ng	# 50
71) Phenanthrene	17.222	178	103693	5.658	ng	# 94
83) Chrysene	21.327	228	79361	3.135	ng	# 52

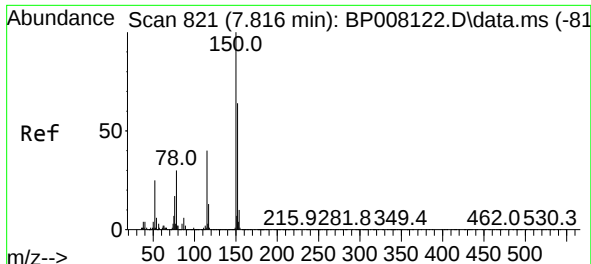
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 04:04:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration

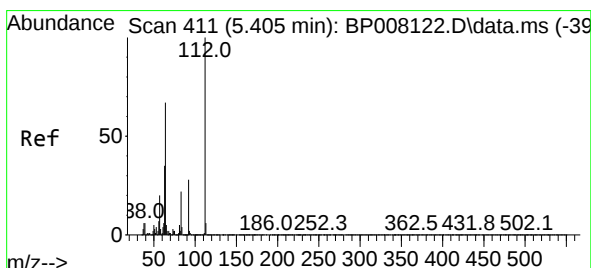
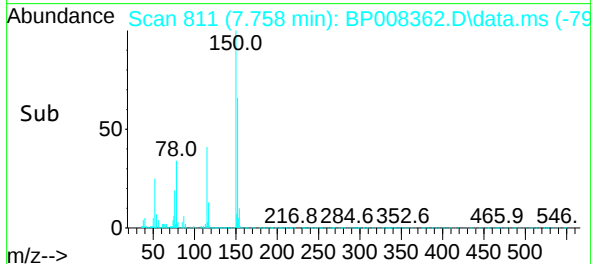
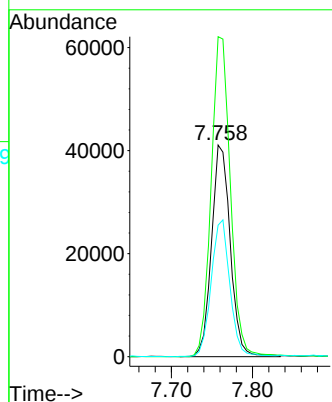
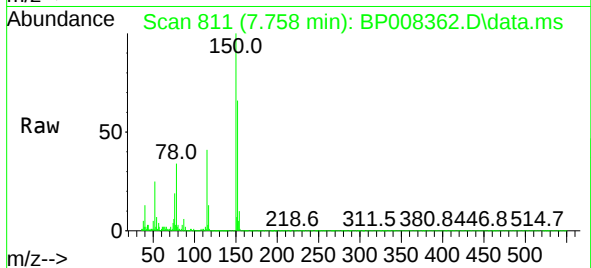




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

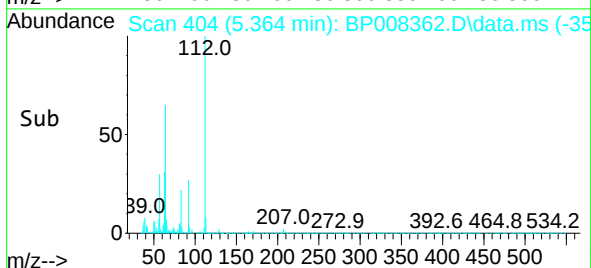
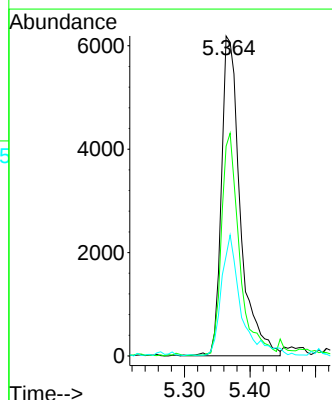
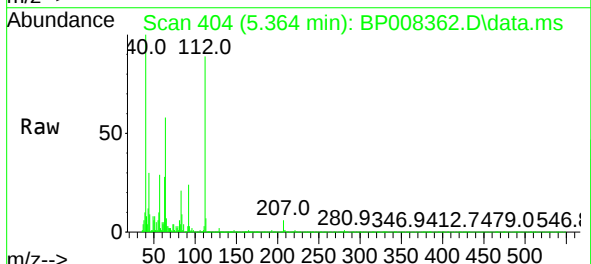
Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

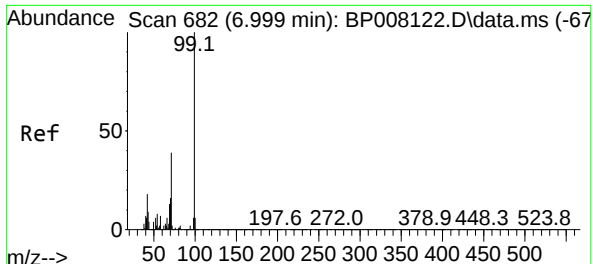
Tgt Ion:152 Resp: 65769
Ion Ratio Lower Upper
152 100
150 151.1 125.7 188.5
115 62.1 50.7 76.1



#5
2-Fluorophenol
Concen: 3.015 ng
RT: 5.364 min Scan# 404
Delta R.T. 0.006 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

Tgt Ion:112 Resp: 12316
Ion Ratio Lower Upper
112 100
64 65.5 53.4 80.2
63 31.3 27.8 41.8

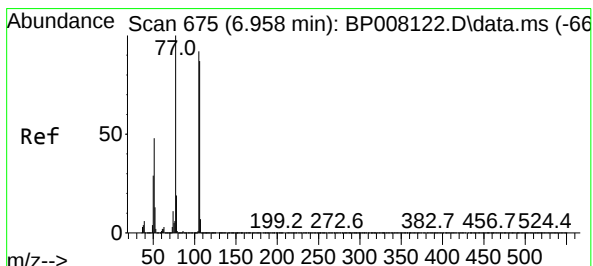
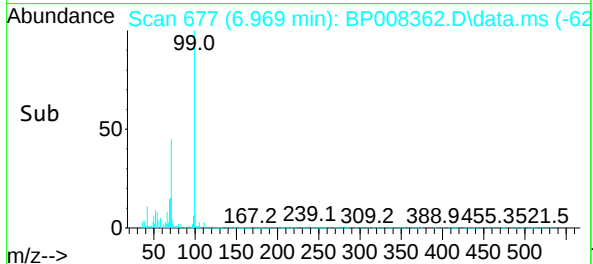
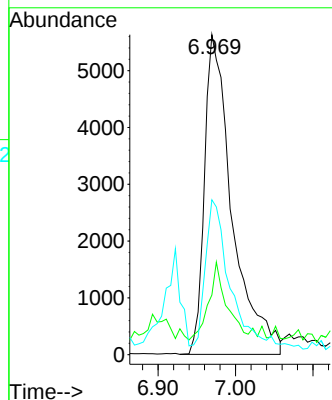
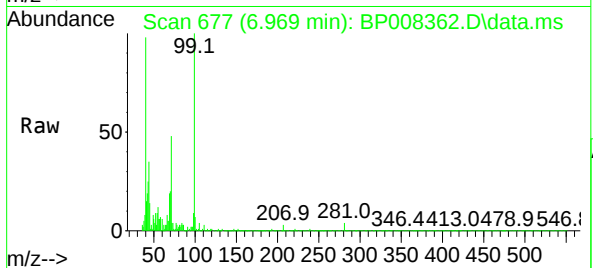




#7
Phenol-d6
Concen: 2.536 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

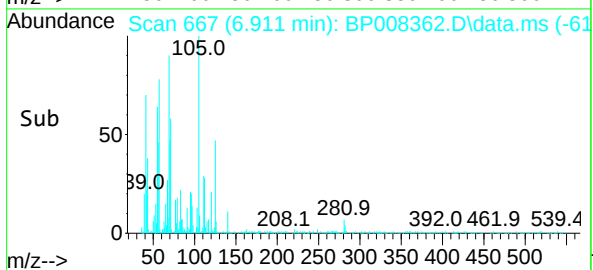
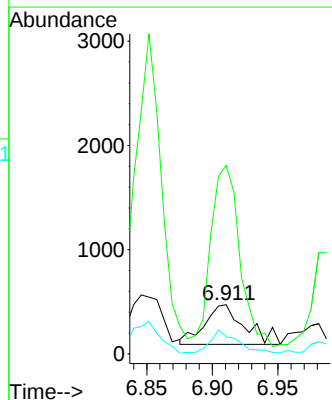
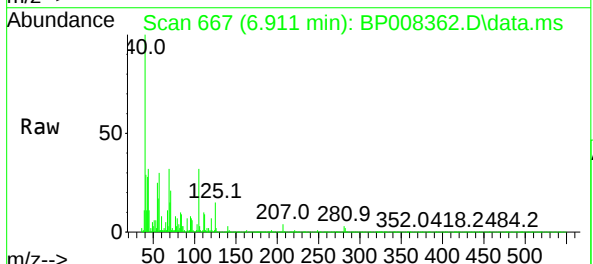
Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

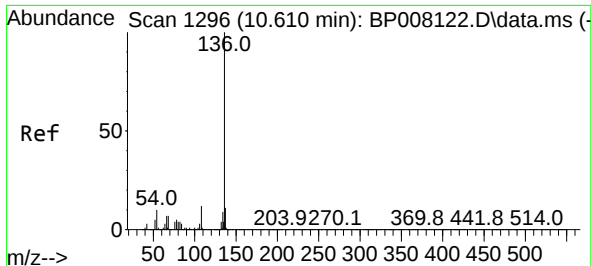
Tgt Ion: 99 Resp: 13983
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 48.4 31.1 46.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.911 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

Tgt Ion: 77 Resp: 813
Ion Ratio Lower Upper
77 100
105 382.8 71.8 111.8#
106 34.7 67.3 107.3#

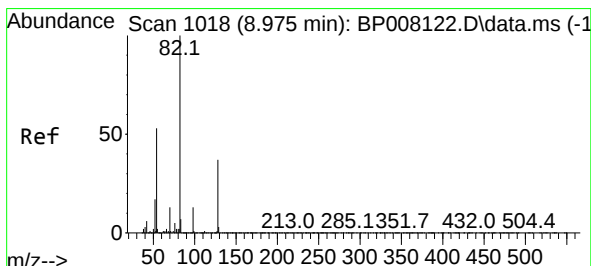
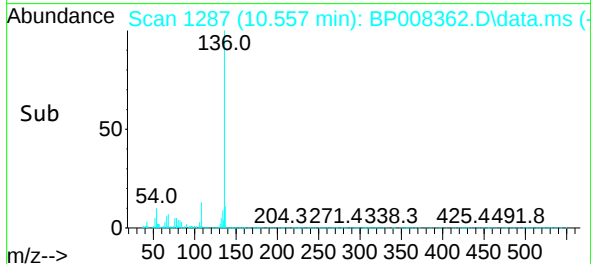
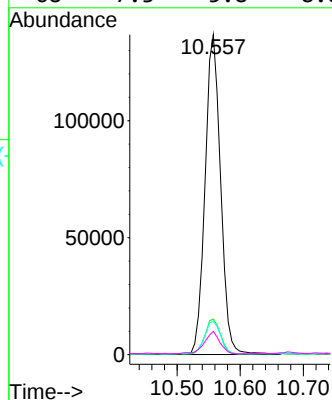
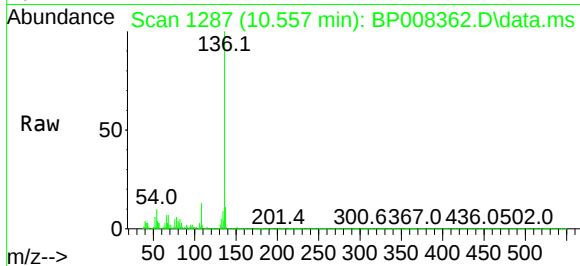




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

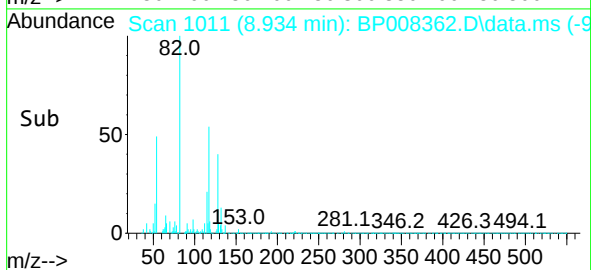
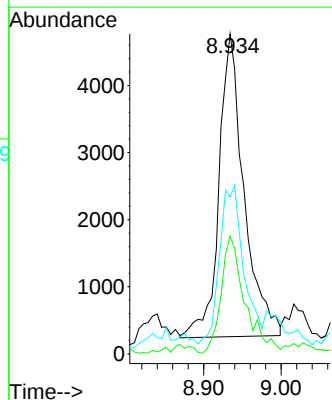
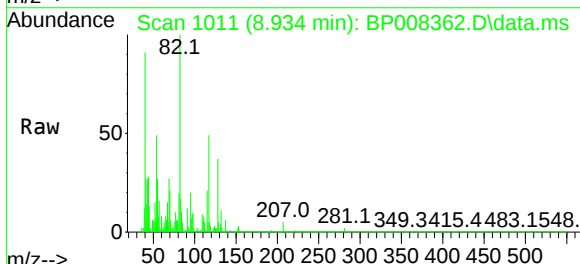
Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

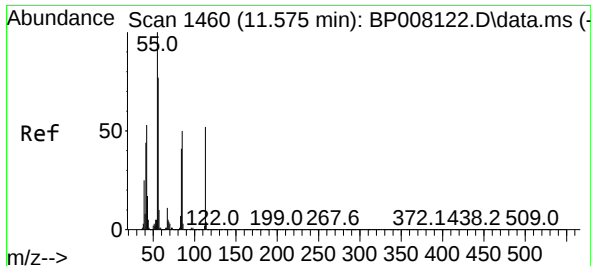
Tgt Ion:	136	Resp:	234082
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	10.4	8.2	12.4
68	7.3	5.8	8.8



#23
Nitrobenzene-d5
Concen: 1.974 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

Tgt Ion:	82	Resp:	10161
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.6	44.4
54	49.1	42.7	64.1

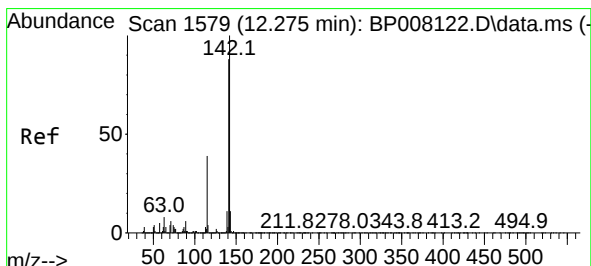
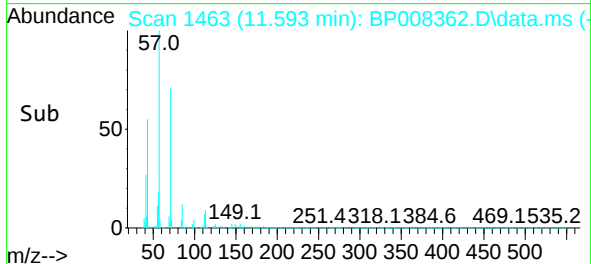
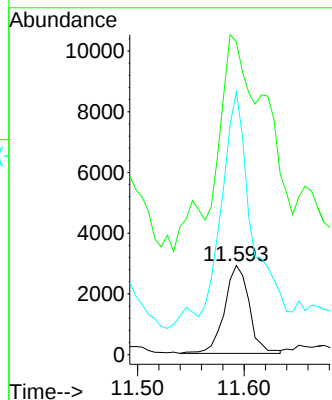
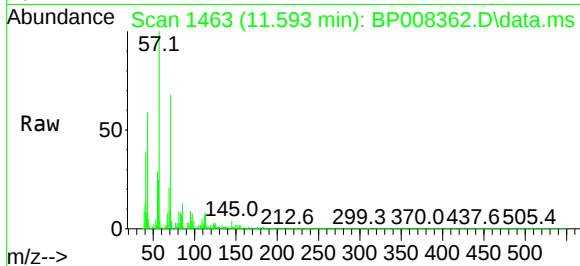




#35
Caprolactam
Concen: 5.456 ng
RT: 11.593 min Scan# 1463
Delta R.T. 0.053 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

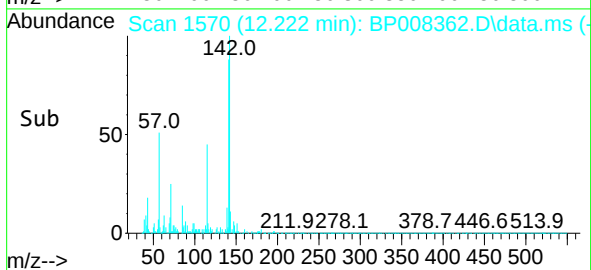
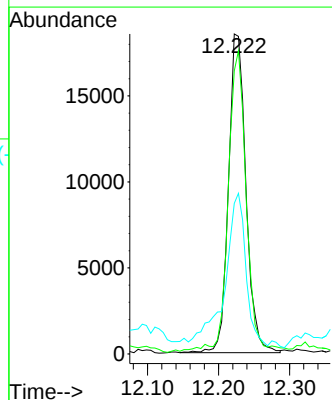
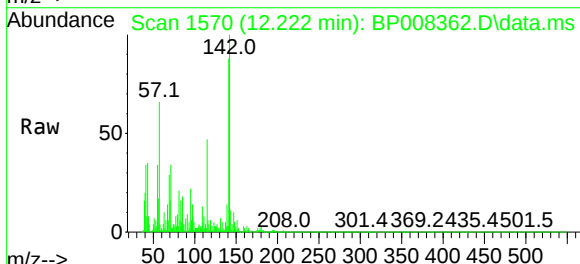
Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

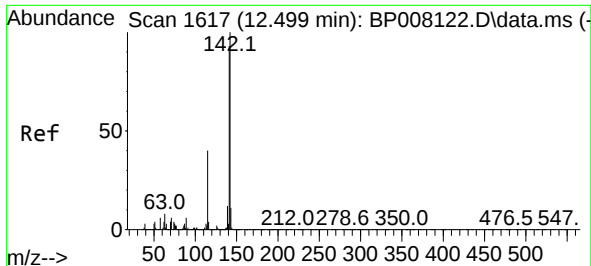
Tgt Ion:113 Resp: 4663
Ion Ratio Lower Upper
113 100
55 350.3 174.2 214.2#
56 294.5 130.3 170.3#



#37
2-Methylnaphthalene
Concen: 3.737 ng
RT: 12.222 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

Tgt Ion:142 Resp: 31698
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1
115 47.0 30.9 46.3#

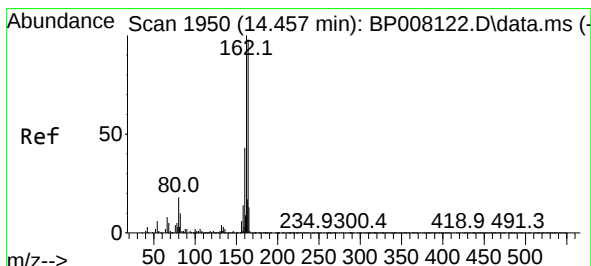
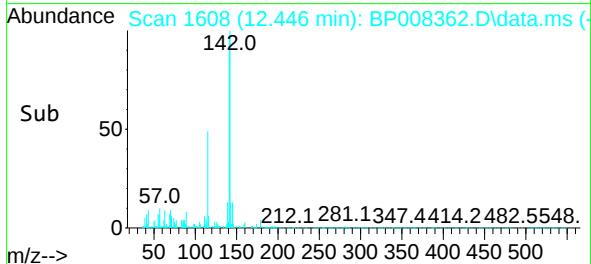
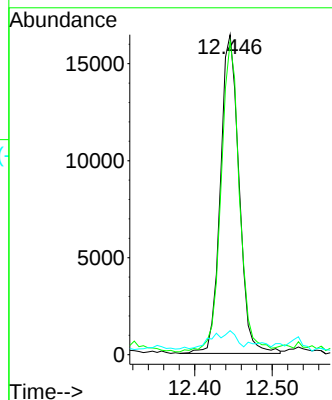
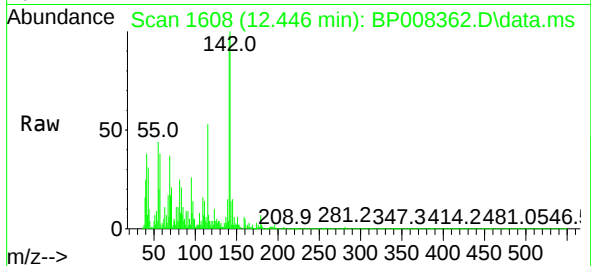




#38
1-Methylnaphthalene
Concen: 3.332 ng
RT: 12.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

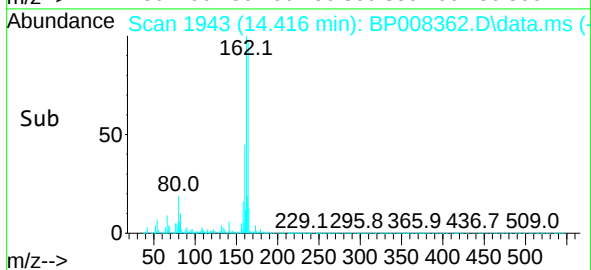
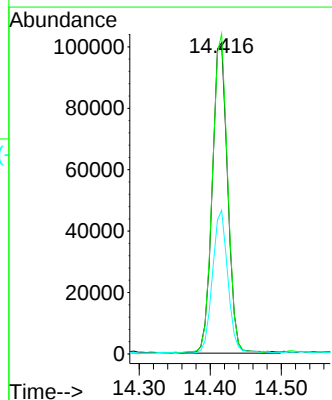
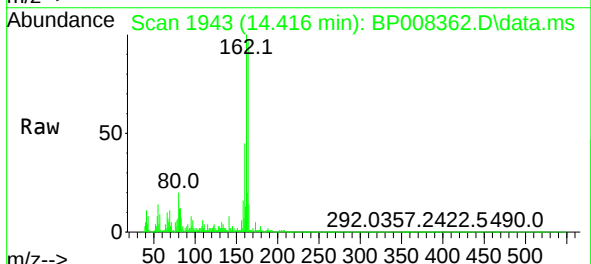
Instrument :
BNA_P
ClientSampleId :
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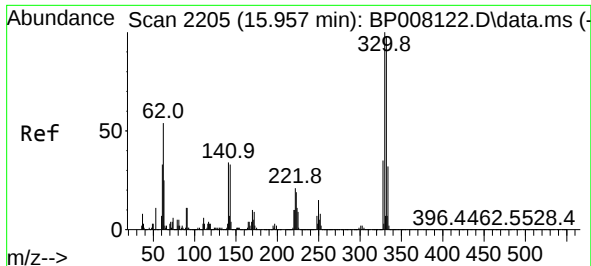
Tgt Ion:142 Resp: 27504
Ion Ratio Lower Upper
142 100
141 97.8 74.2 111.4
116 7.5 3.4 5.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

Tgt Ion:164 Resp: 153408
Ion Ratio Lower Upper
164 100
162 102.8 81.9 122.9
160 46.2 35.4 53.0

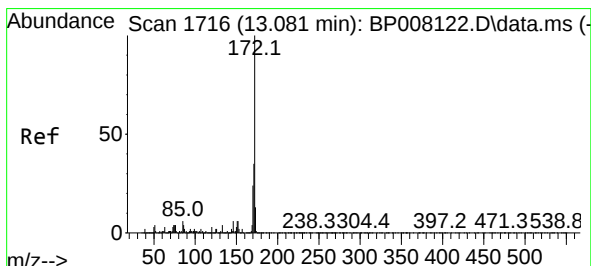
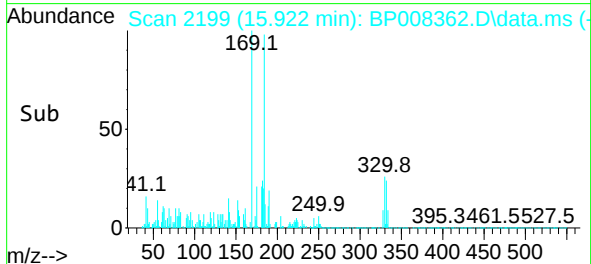
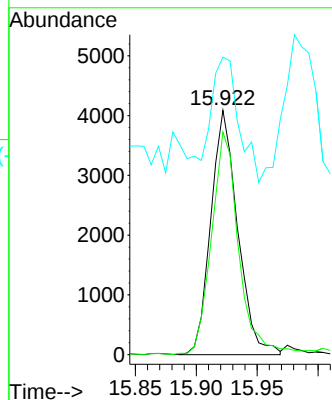
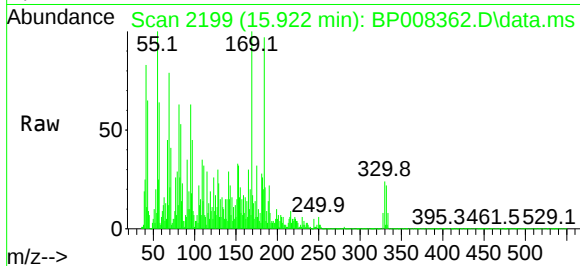




#42
2,4,6-Tribromophenol
Concen: 3.203 ng
RT: 15.922 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

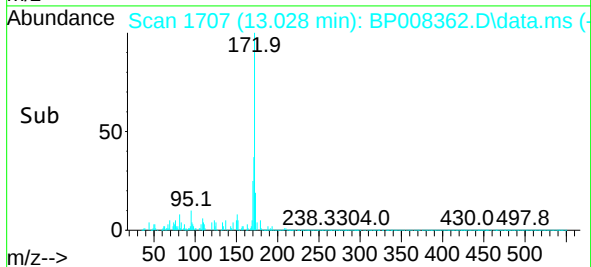
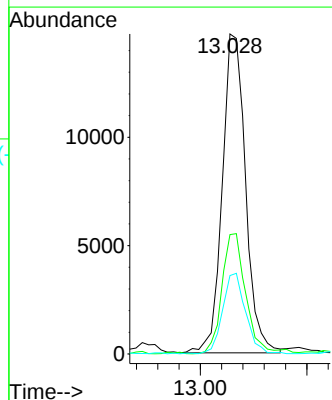
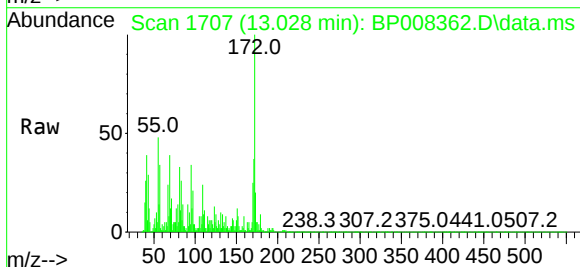
Instrument :
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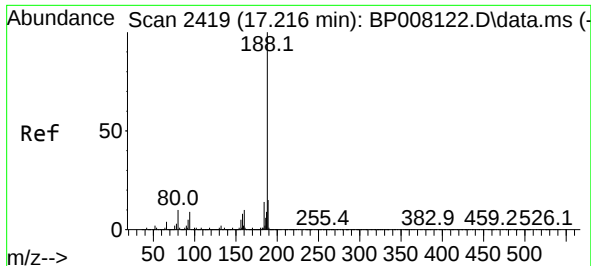
Tgt Ion:330 Resp: 6280
Ion Ratio Lower Upper
330 100
332 91.5 77.0 115.4
141 51.0 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 2.115 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

Tgt Ion:172 Resp: 22335
Ion Ratio Lower Upper
172 100
171 37.3 28.0 42.0
170 24.5 18.9 28.3

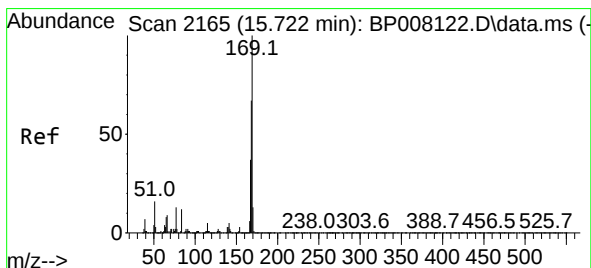
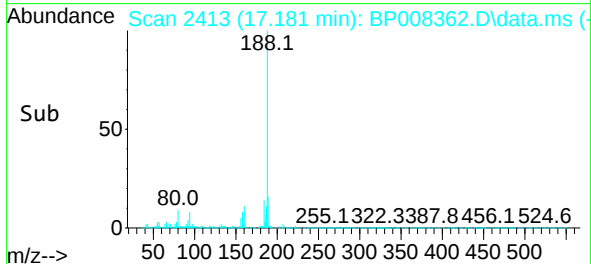
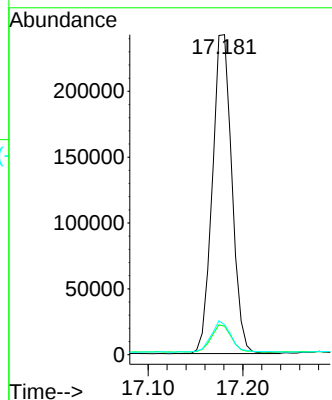
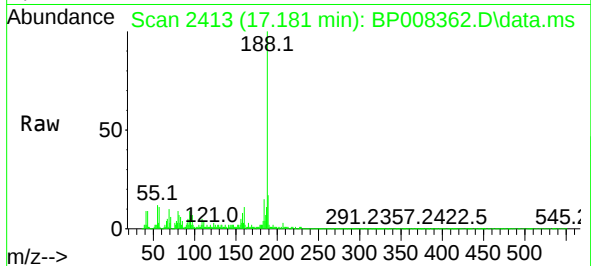




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

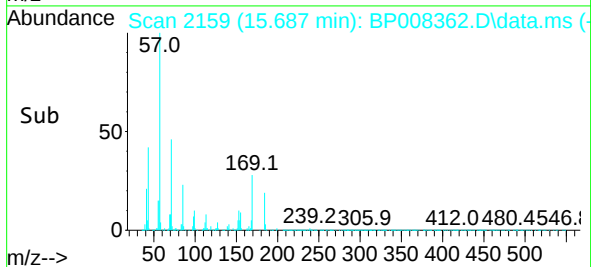
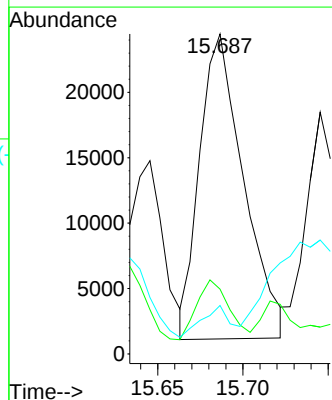
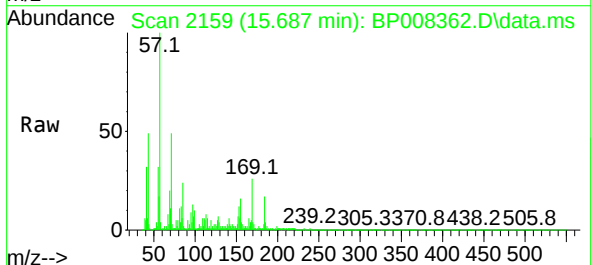
Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

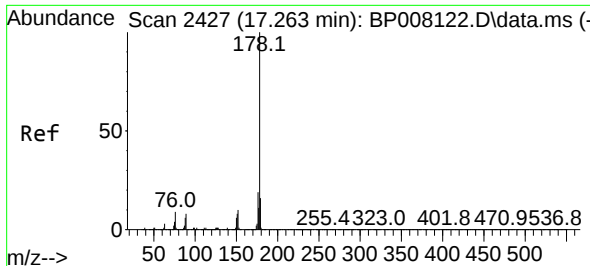
Tgt Ion:188 Resp: 347135
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.4 8.2 12.4



#66
n-Nitrosodiphenylamine
Concen: 4.159 ng
RT: 15.687 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

Tgt Ion:169 Resp: 41818
Ion Ratio Lower Upper
169 100
168 20.3 53.5 80.3#
167 15.1 29.3 43.9#

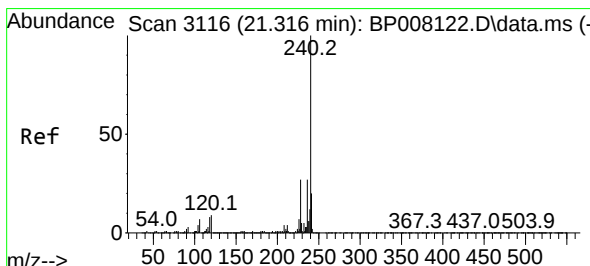
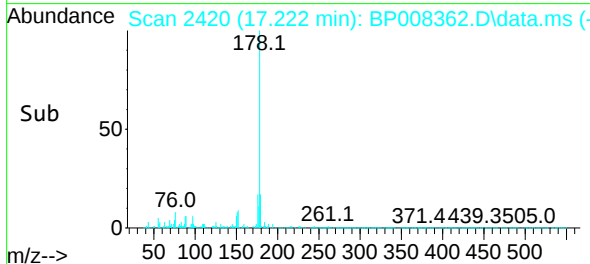
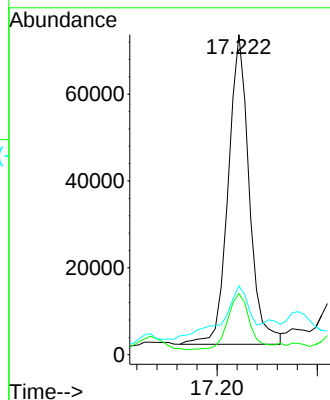
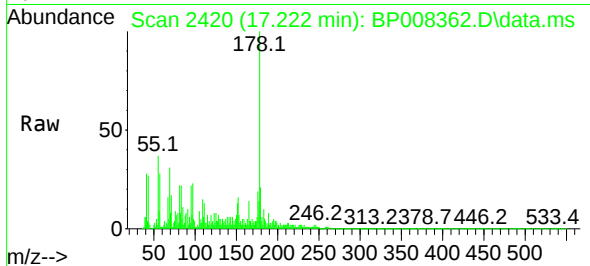




#71
Phenanthrene
Concen: 5.658 ng
RT: 17.222 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

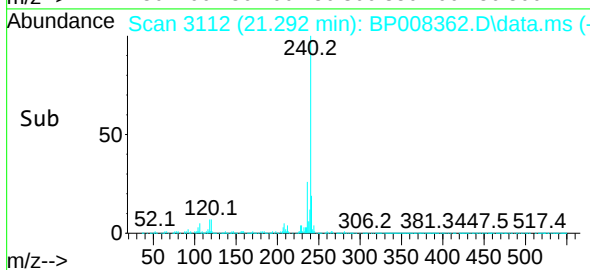
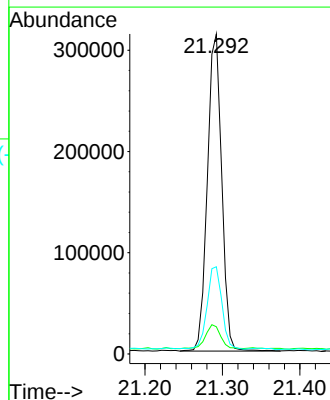
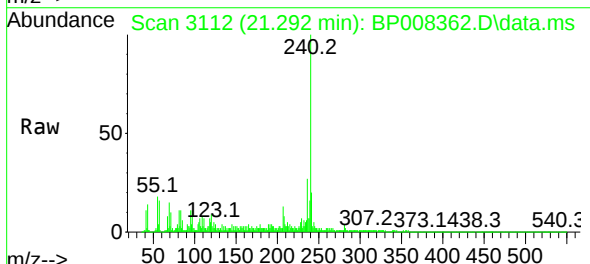
Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

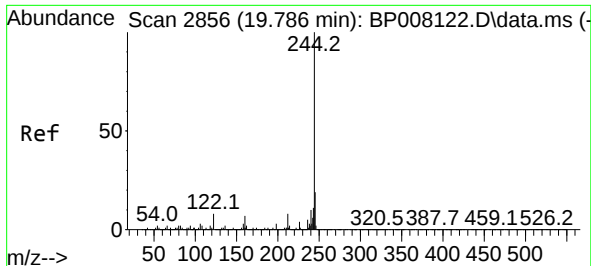
Tgt Ion:178 Resp: 103693
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 21.5 12.5 18.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

Tgt Ion:240 Resp: 401340
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 27.2 21.4 32.2

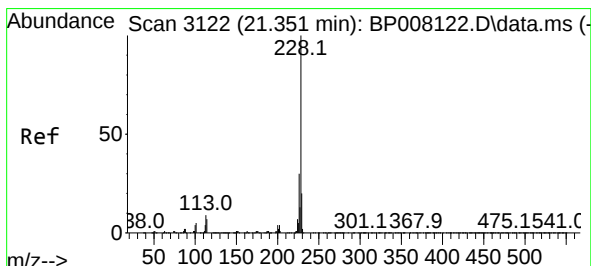
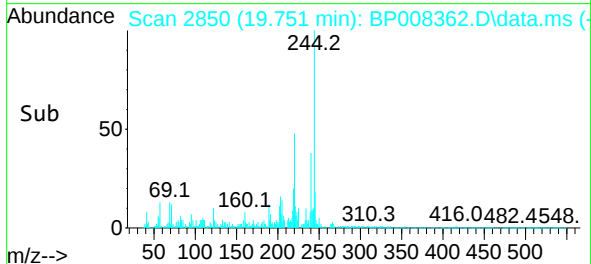
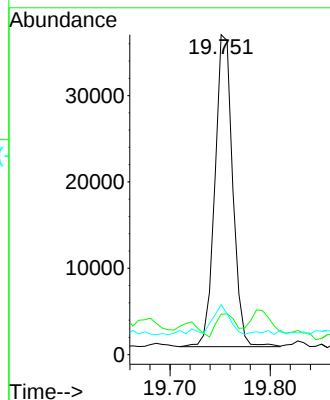
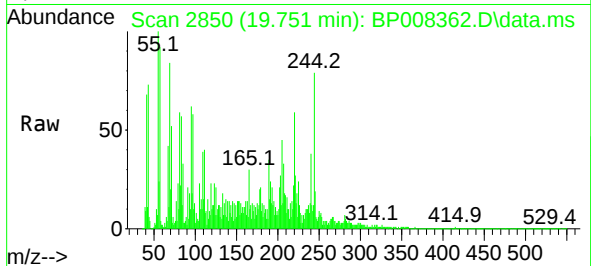




#79
 Terphenyl-d14
 Concen: 2.323 ng
 RT: 19.751 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008362.D
 Acq: 11 Dec 2021 03:19

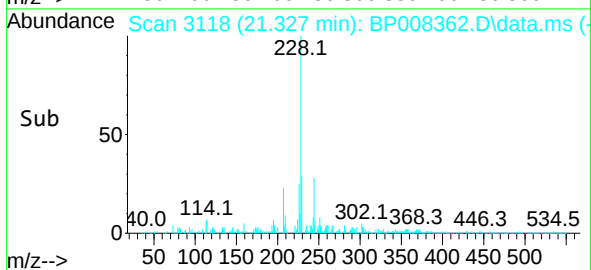
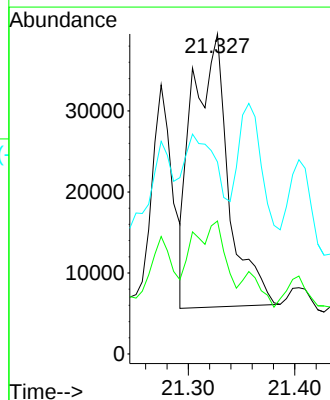
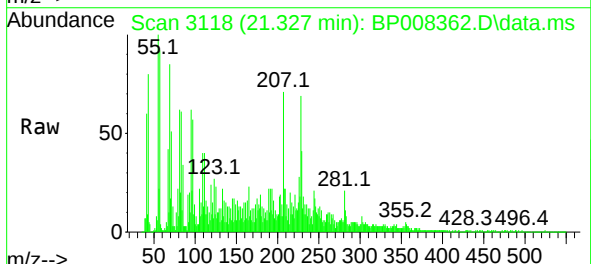
Instrument :
 BNA_P
 ClientSampleId :
 EAST-SIDEWALL

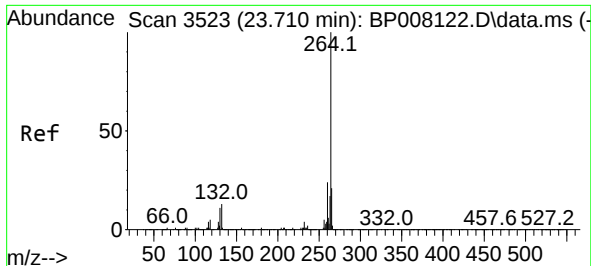
Tgt Ion:244 Resp: 44604
 Ion Ratio Lower Upper
 244 100
 212 12.6 6.0 9.0#
 122 15.6 6.6 9.8#



#83
 Chrysene
 Concen: 3.135 ng
 RT: 21.327 min Scan# 3118
 Delta R.T. 0.000 min
 Lab File: BP008362.D
 Acq: 11 Dec 2021 03:19

Tgt Ion:228 Resp: 79361
 Ion Ratio Lower Upper
 228 100
 226 41.5 24.0 36.0#
 229 60.0 15.8 23.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP008362.D
Acq: 11 Dec 2021 03:19

Instrument :
BNA_P
ClientSampleId :
EAST-SIDEWALL

Tgt Ion:264 Resp: 437964

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.4	29.2
265	23.3	17.6	26.4

