

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
 Data File : BP008800.D
 Acq On : 13 Jan 2022 20:44
 Operator : CG/JU
 Sample : N1119-06 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EAST-AREA-EAST-SIDEWALL

Quant Time: Jan 13 23:28:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

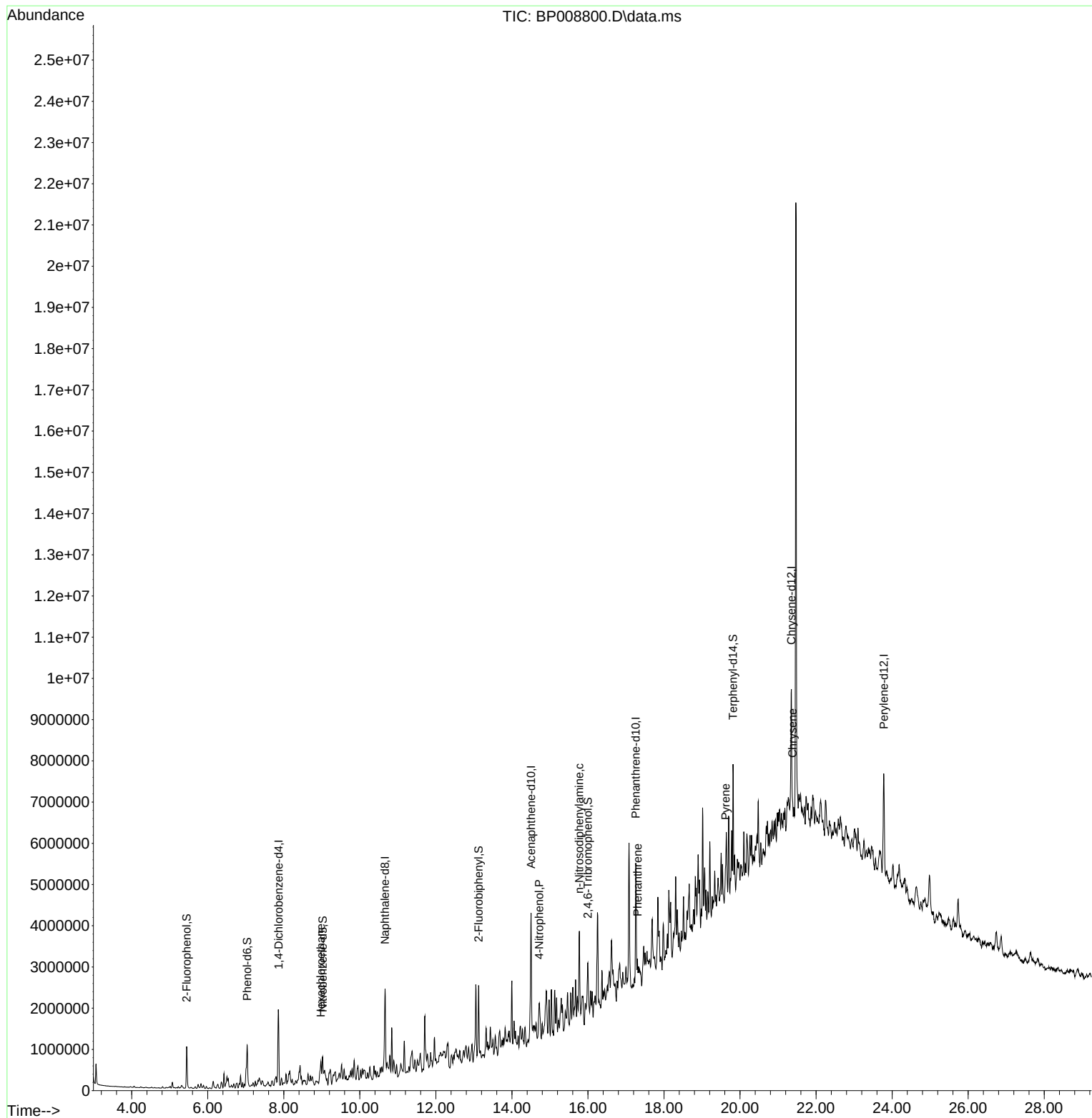
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	425657	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1603017	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1011375	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1822734	20.000	ng	0.00
76) Chrysene-d12	21.351	240	1590591	20.000	ng	0.00
86) Perylene-d12	23.780	264	1801947	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	477554	17.569	ng	0.00
7) Phenol-d6	7.040	99	595247	16.313	ng	0.00
23) Nitrobenzene-d5	9.022	82	389604	13.764	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	242395	14.206	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	1024838	14.246	ng	0.00
79) Terphenyl-d14	19.816	244	1189753	15.243	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.975	117	27218	2.282	ng	# 1
56) 4-Nitrophenol	14.716	139	37006	2.505	ng	# 26
66) n-Nitrosodiphenylamine	15.769	169	265357	4.804	ng	# 51
71) Phenanthrene	17.304	178	310068	3.062	ng	# 89
78) Pyrene	19.621	202	416132	4.001	ng	# 90
83) Chrysene	21.386	228	325880	3.237	ng	# 57

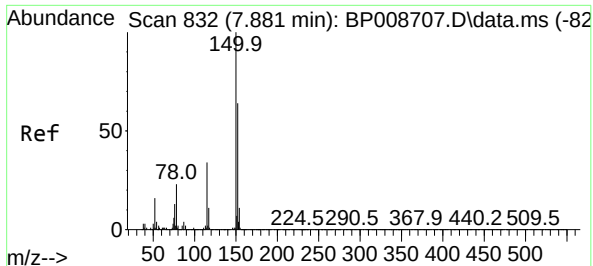
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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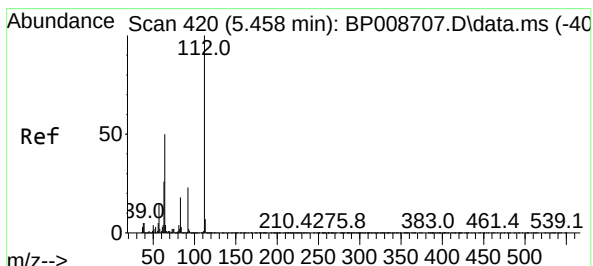
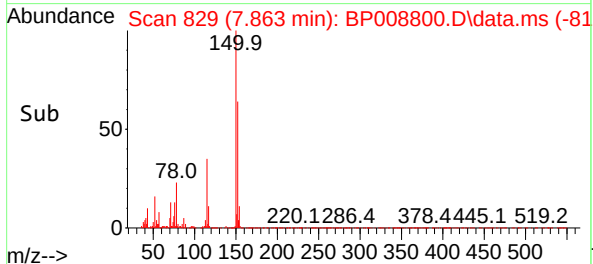
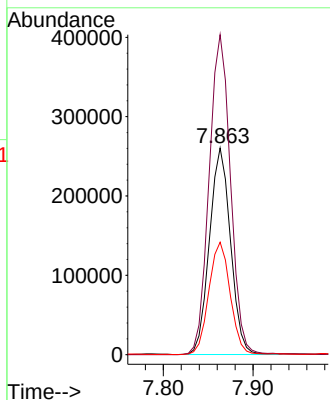
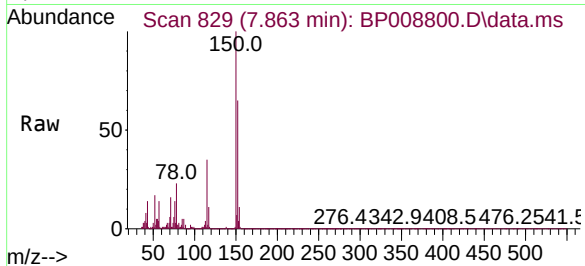




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

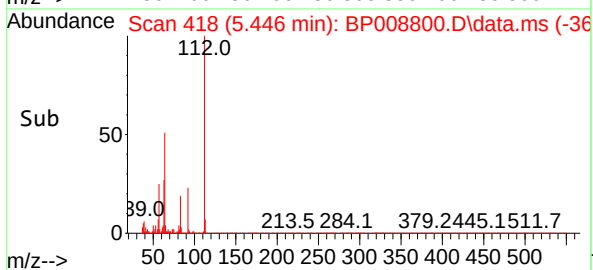
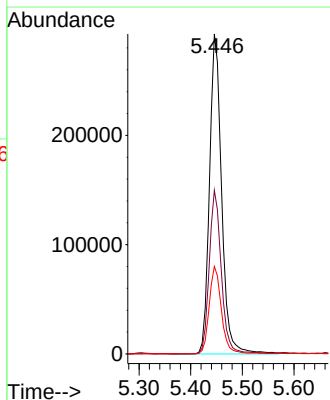
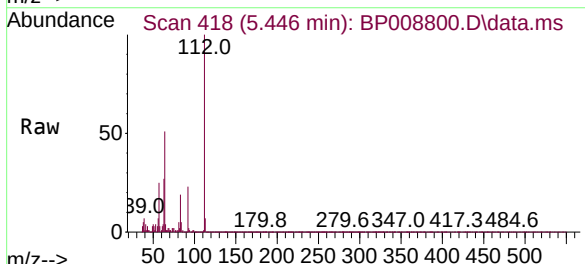
Instrument :
BNA_P
ClientSampleId :
EAST-AREA-EAST-SIDEWALL

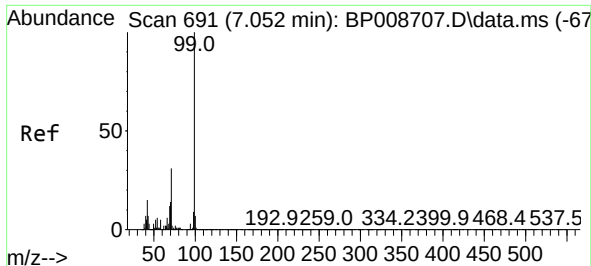
Tgt Ion:152 Resp: 425657
Ion Ratio Lower Upper
152 100
150 154.8 127.0 190.6
115 54.4 43.7 65.5



#5
2-Fluorophenol
Concen: 17.569 ng
RT: 5.446 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

Tgt Ion:112 Resp: 477554
Ion Ratio Lower Upper
112 100
64 51.2 39.7 59.5
63 27.3 20.0 30.0

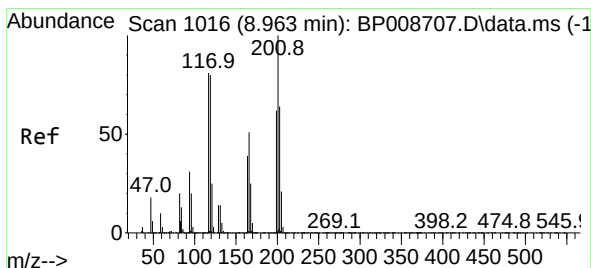
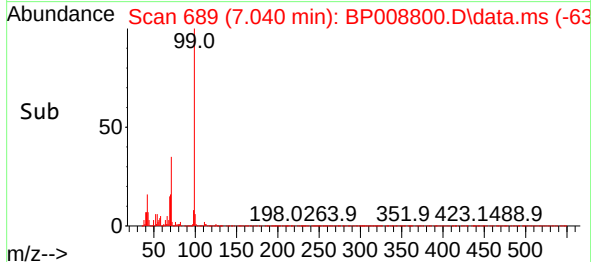
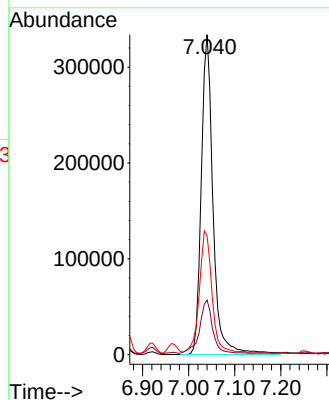
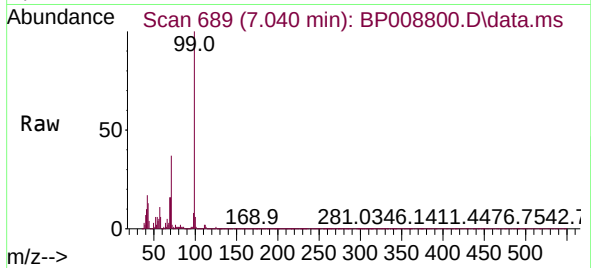




#7
Phenol-d6
Concen: 16.313 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

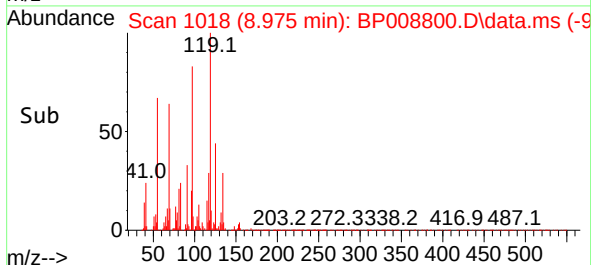
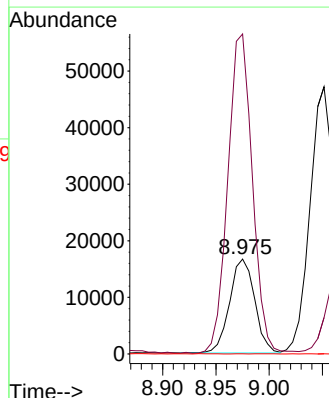
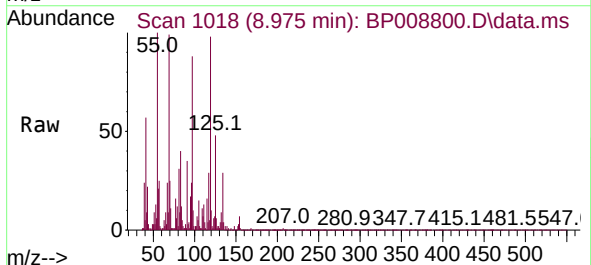
Instrument :
BNA_P
ClientSampleId :
EAST-AREA-EAST-SIDEWALL

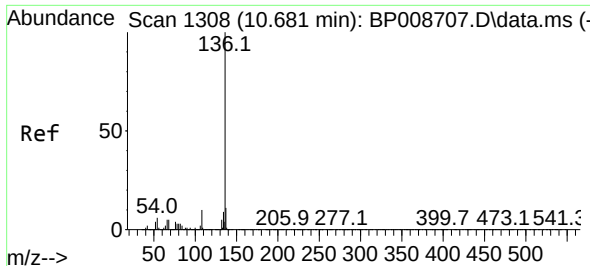
Tgt Ion: 99 Resp: 595247
Ion Ratio Lower Upper
99 100
42 17.0 10.8 16.2#
71 37.1 23.8 35.6#



#18
Hexachloroethane
Concen: 2.282 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.023 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

Tgt Ion: 117 Resp: 27218
Ion Ratio Lower Upper
117 100
119 337.5 76.9 115.3#
201 0.1 93.7 140.5#

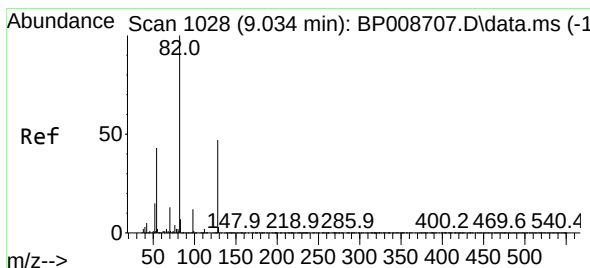
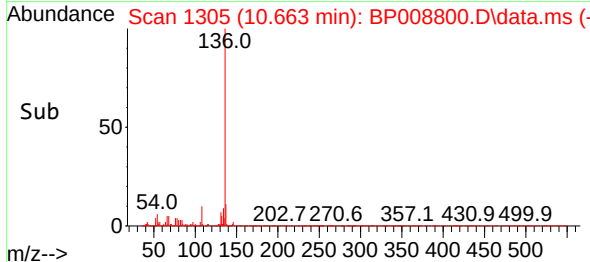
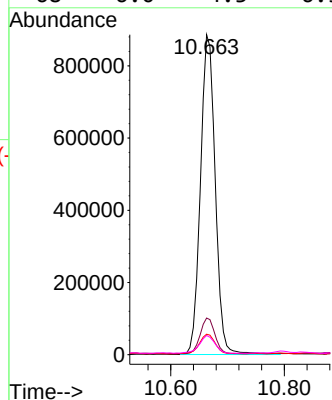
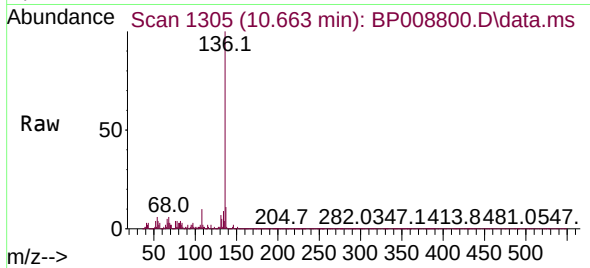




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

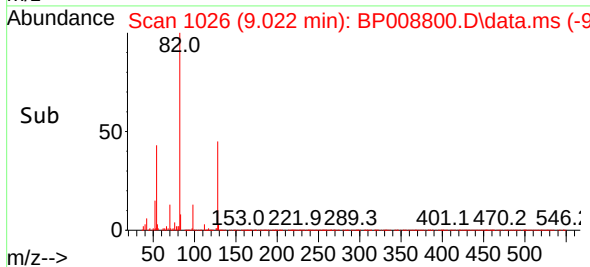
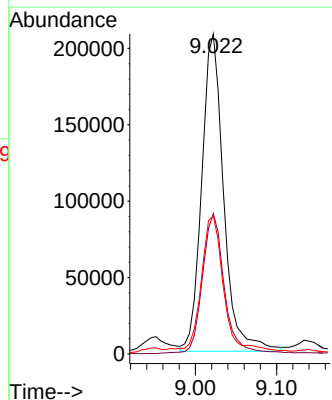
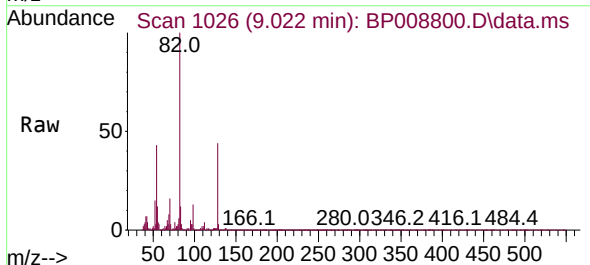
Instrument :
BNA_P
ClientSampleId :
EAST-AREA-EAST-SIDEWALL

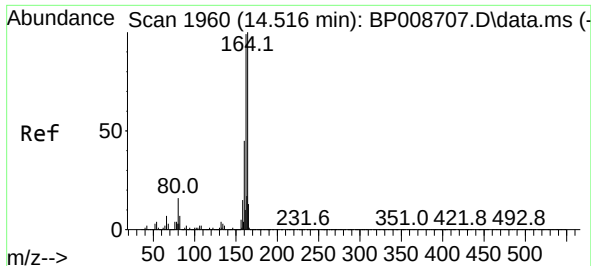
Tgt Ion:136 Resp: 1603017
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 6.4 4.9 7.3
68 6.0 4.3 6.5



#23
Nitrobenzene-d5
Concen: 13.764 ng
RT: 9.022 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

Tgt Ion: 82 Resp: 389604
Ion Ratio Lower Upper
82 100
128 43.9 39.4 59.2
54 43.1 32.6 48.8

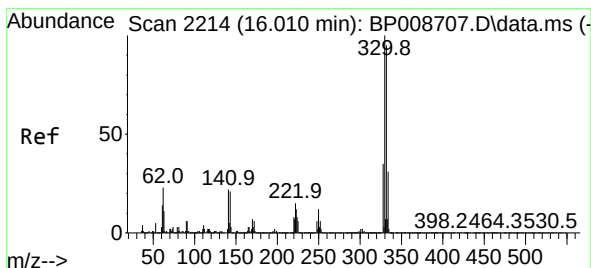
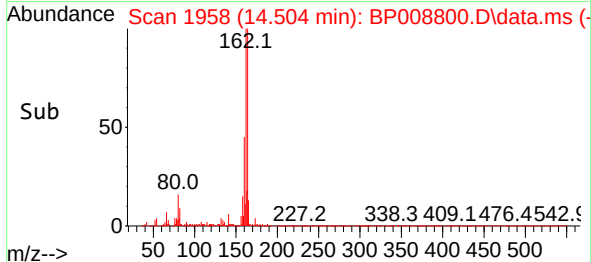
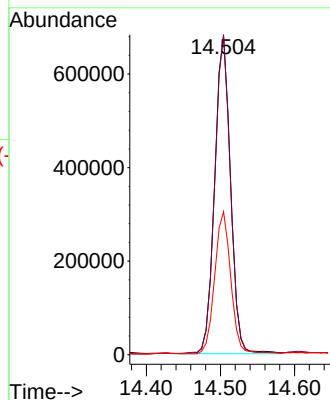
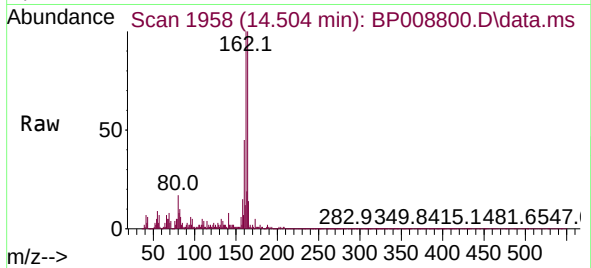




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

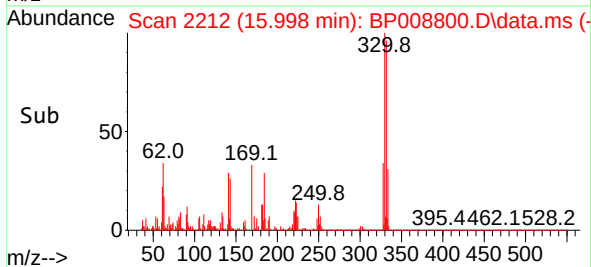
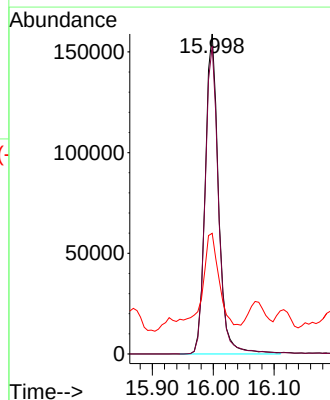
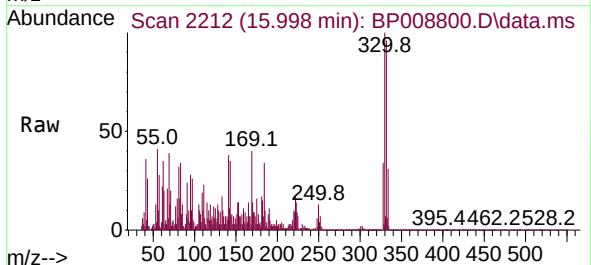
Instrument :
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ClientSampleId :
EAST-AREA-EAST-SIDEWALL

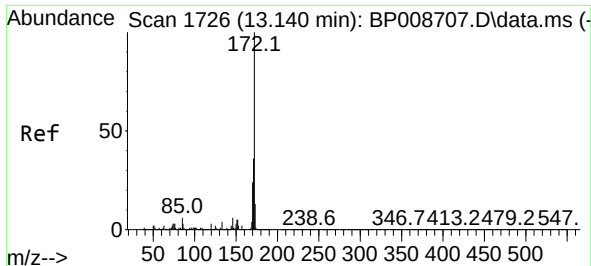
Tgt Ion:164 Resp: 1011375
Ion Ratio Lower Upper
164 100
162 100.3 79.9 119.9
160 44.8 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 14.206 ng
RT: 15.998 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

Tgt Ion:330 Resp: 242395
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 32.8 21.3 31.9#

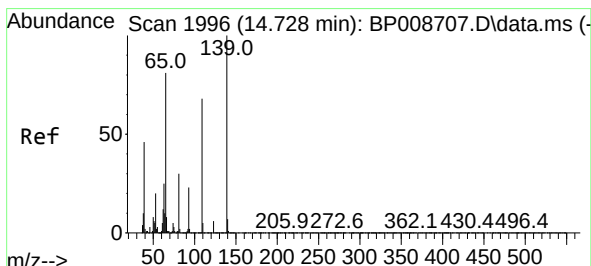
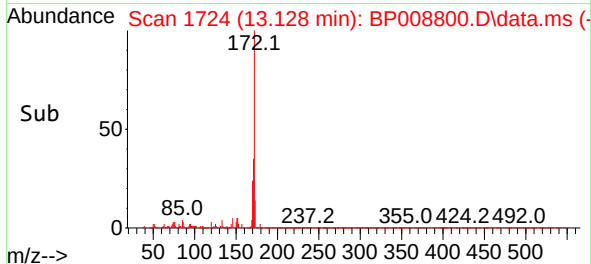
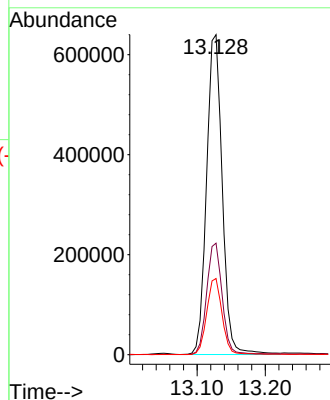
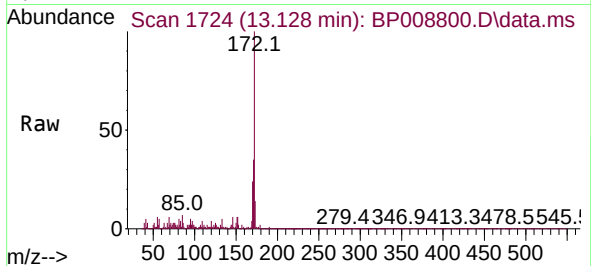




#45
2-Fluorobiphenyl
Concen: 14.246 ng
RT: 13.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

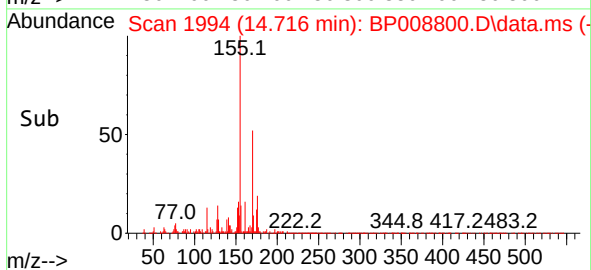
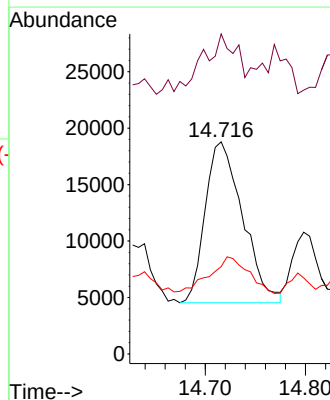
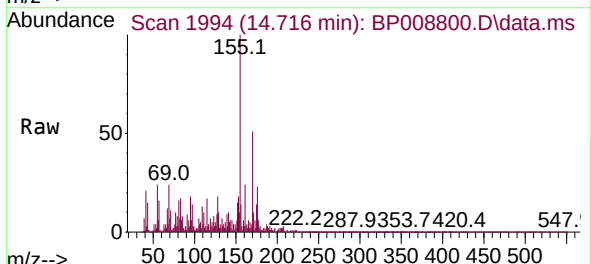
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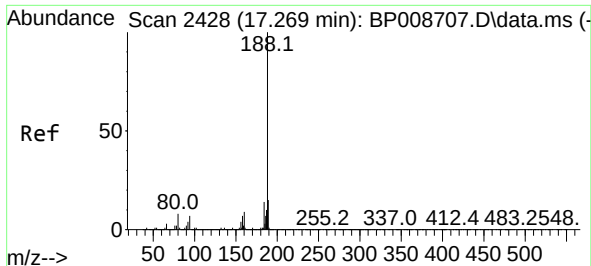
Tgt Ion:172 Resp: 1024838
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 23.8 19.5 29.3



#56
4-Nitrophenol
Concen: 2.505 ng
RT: 14.716 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

Tgt Ion:139 Resp: 37006
Ion Ratio Lower Upper
139 100
109 150.8 42.2 82.2#
65 41.2 57.3 97.3#

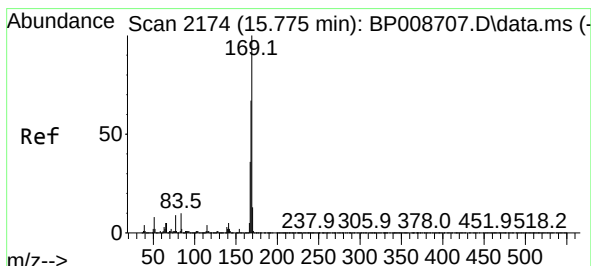
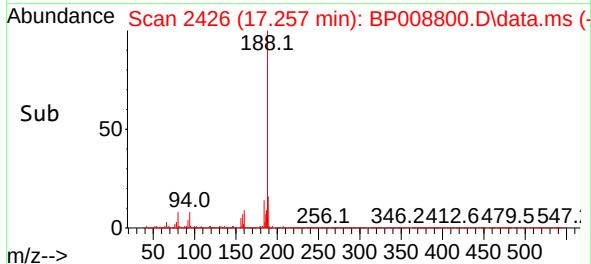
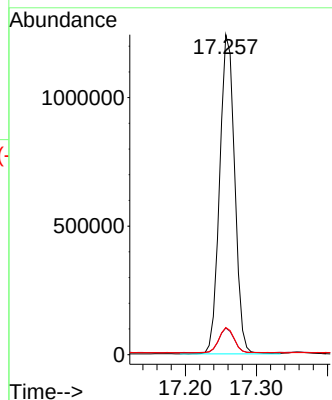
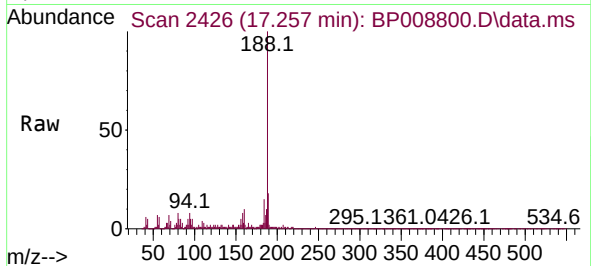




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

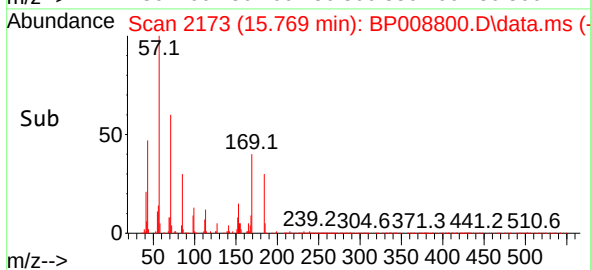
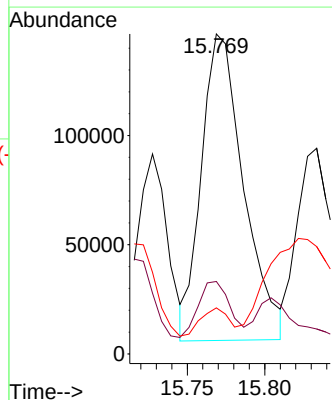
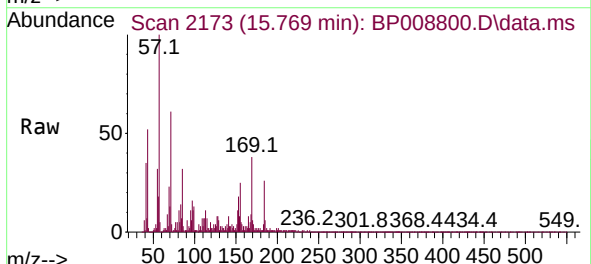
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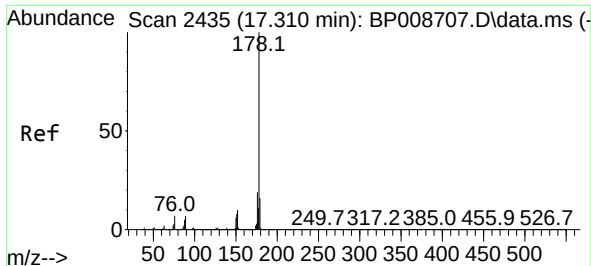
Tgt Ion:188 Resp: 1822734
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 8.5 7.2 10.8



#66
n-Nitrosodiphenylamine
Concen: 4.804 ng
RT: 15.769 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

Tgt Ion:169 Resp: 265357
Ion Ratio Lower Upper
169 100
168 22.7 53.3 79.9#
167 14.4 29.0 43.6#

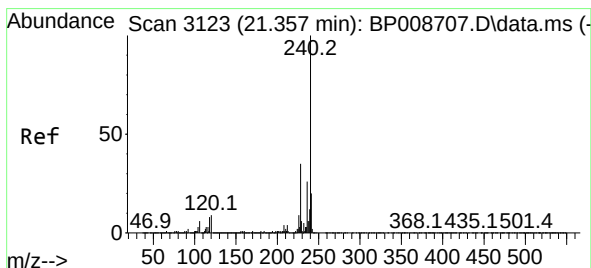
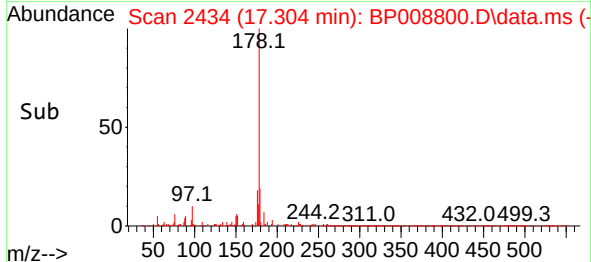
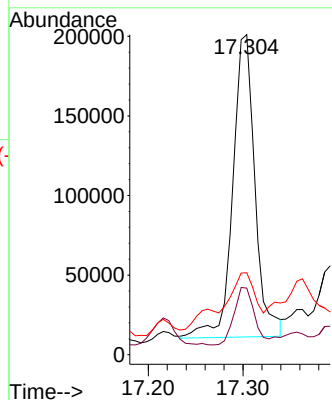
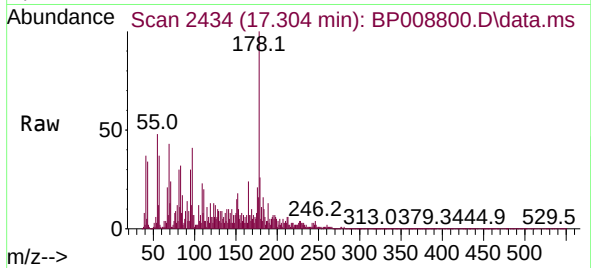




#71
Phenanthrene
Concen: 3.062 ng
RT: 17.304 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

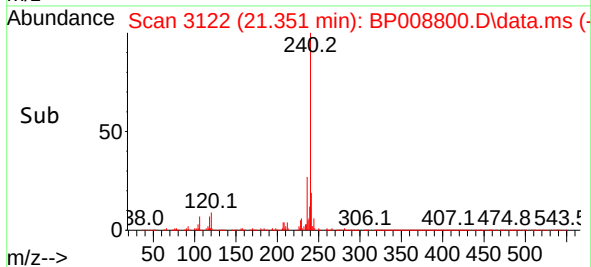
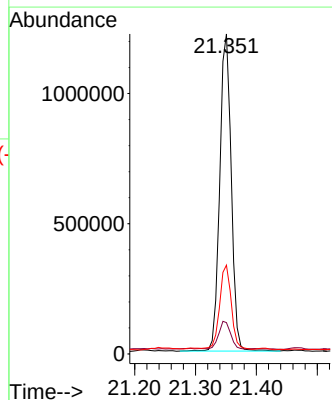
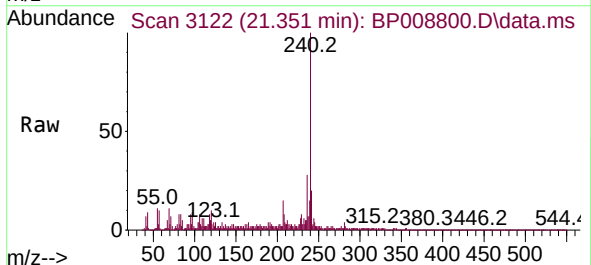
Instrument :
BNA_P
ClientSampleId :
EAST-AREA-EAST-SIDEWALL

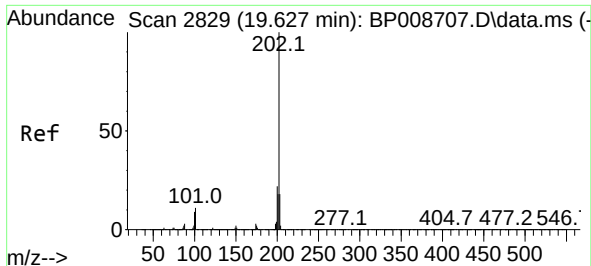
Tgt Ion:178 Resp: 310068
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 25.6 13.0 19.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

Tgt Ion:240 Resp: 1590591
Ion Ratio Lower Upper
240 100
120 9.8 7.7 11.5
236 27.7 21.2 31.8

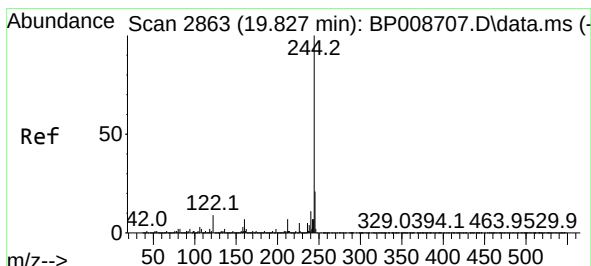
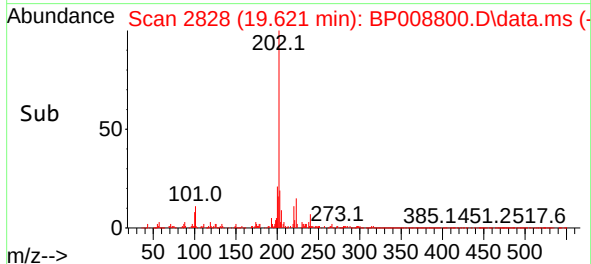
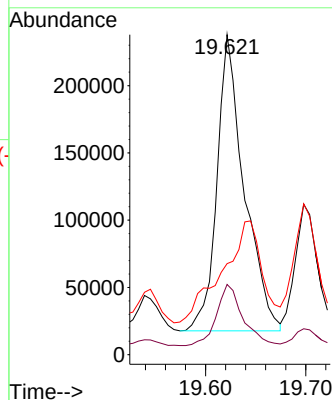
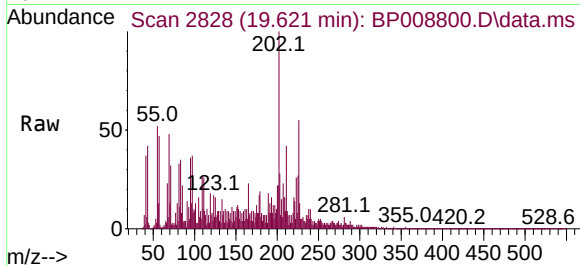




#78
 Pyrene
 Concen: 4.001 ng
 RT: 19.621 min Scan# 2828
 Delta R.T. -0.000 min
 Lab File: BP008800.D
 Acq: 13 Jan 2022 20:44

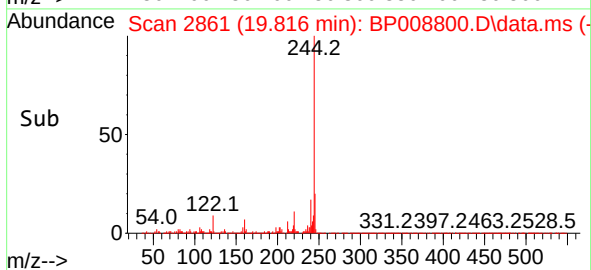
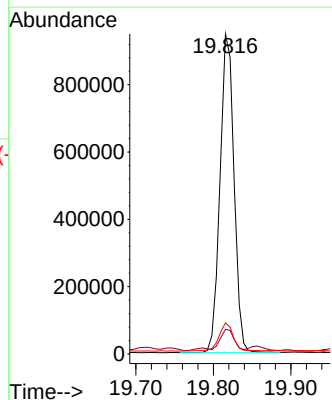
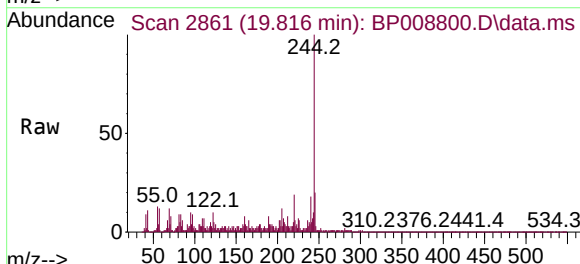
Instrument :
 BNA_P
 ClientSampleId :
 EAST-AREA-EAST-SIDEWALL

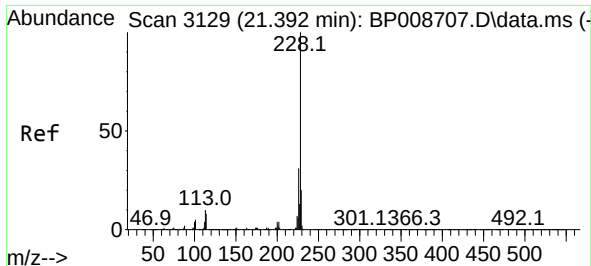
Tgt Ion:202 Resp: 416132
 Ion Ratio Lower Upper
 202 100
 200 22.0 18.0 27.0
 203 28.4 15.0 22.6#



#79
 Terphenyl-d14
 Concen: 15.243 ng
 RT: 19.816 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: BP008800.D
 Acq: 13 Jan 2022 20:44

Tgt Ion:244 Resp: 1189753
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.7 9.2 13.8

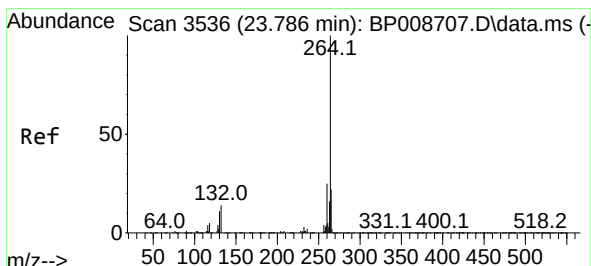
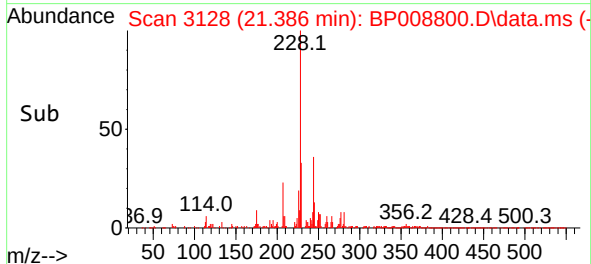
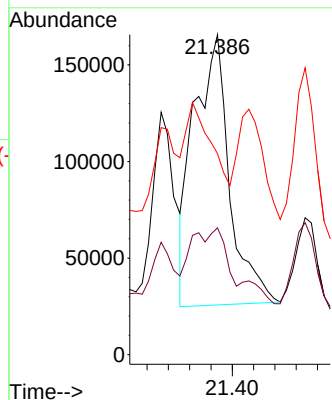
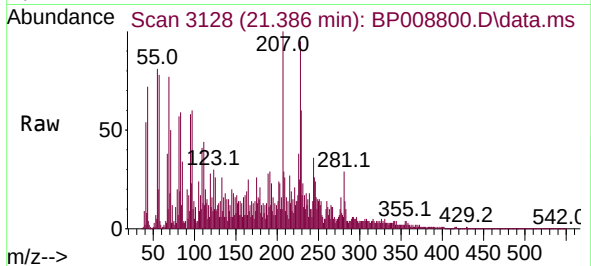




#83
Chrysene
Concen: 3.237 ng
RT: 21.386 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

Instrument :
BNA_P
ClientSampleId :
EAST-AREA-EAST-SIDEWALL

Tgt Ion:228 Resp: 325880
Ion Ratio Lower Upper
228 100
226 39.7 26.0 39.0#
229 62.9 16.9 25.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3535
Delta R.T. 0.011 min
Lab File: BP008800.D
Acq: 13 Jan 2022 20:44

Tgt Ion:264 Resp: 1801947
Ion Ratio Lower Upper
264 100
260 25.8 19.1 28.7
265 23.6 17.1 25.7

