

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009497.D
 Acq On : 22 Mar 2022 20:19
 Operator : CG/JU
 Sample : N2057-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 UST-7-WEST-SIDEWALL

Quant Time: Mar 23 01:22:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

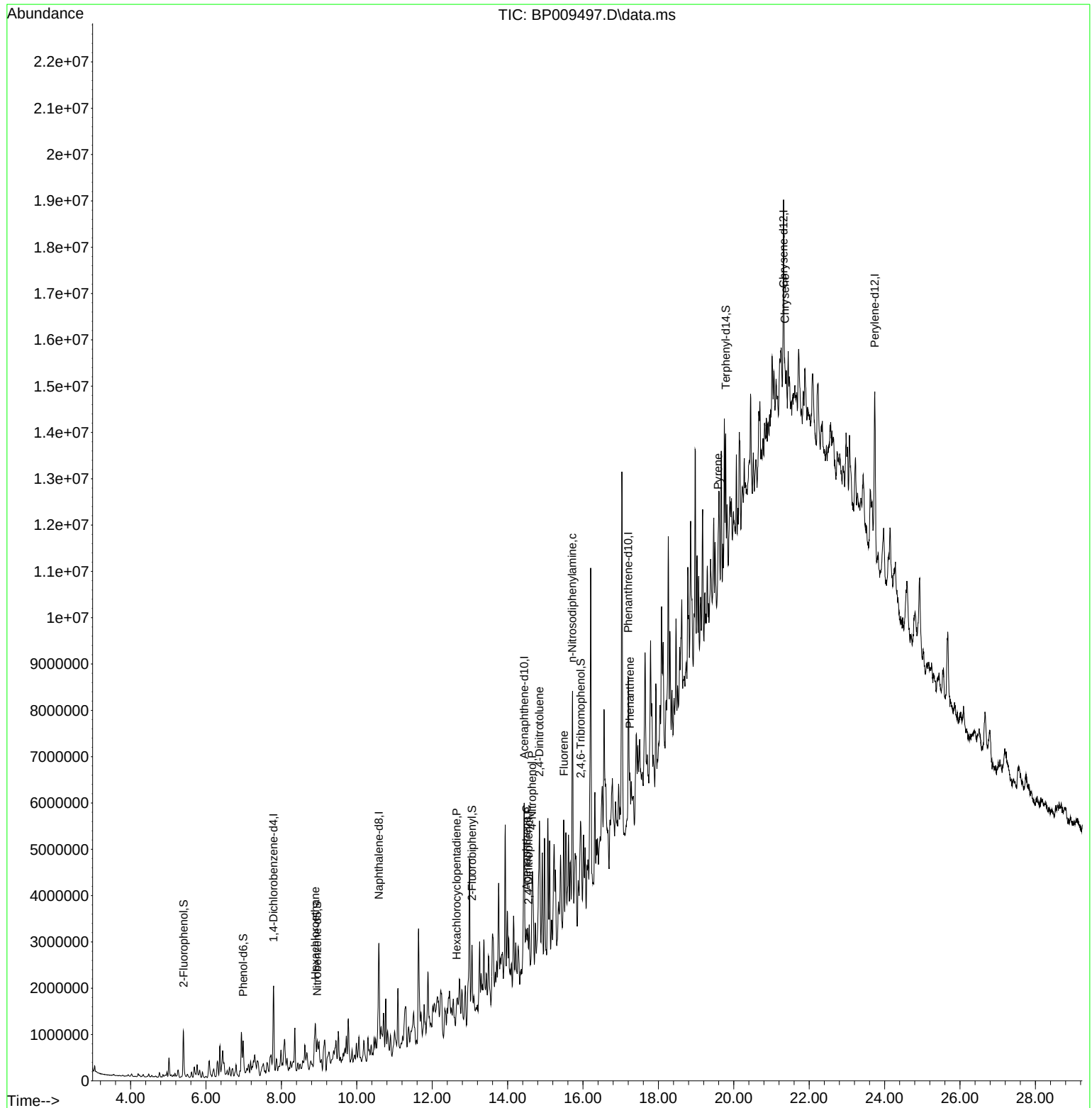
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	444863	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1666104	20.000	ng	# 0.00
39) Acenaphthene-d10	14.440	164	1021126	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	2050825	20.000	ng	0.00
76) Chrysene-d12	21.322	240	2243289	20.000	ng	0.00
86) Perylene-d12	23.739	264	2510953	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	472968	18.562	ng	0.00
7) Phenol-d6	6.987	99	556192	16.141	ng	0.00
23) Nitrobenzene-d5	8.952	82	354349	11.302	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	237970	14.123	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	840133	11.406	ng	0.00
79) Terphenyl-d14	19.786	244	1383947	11.073	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.940	77	12873	Below Cal	#	18
18) Hexachloroethane	8.899	117	30665	2.610	ng	# 1
41) Hexachlorocyclopentadiene	12.646	237	52	7.292	ng	96
52) Acenaphthene	14.504	154	111866	2.023	ng	# 88
54) 2,4-Dinitrophenol	14.557	184	744	4.602	ng	# 1
56) 4-Nitrophenol	14.651	139	97234	7.618	ng	# 45
57) 2,4-Dinitrotoluene	14.845	165	70345	3.156	ng	# 57
58) Fluorene	15.492	166	336766	4.609	ng	# 84
66) n-Nitrosodiphenylamine	15.716	169	584402	9.629	ng	# 46
71) Phenanthrene	17.245	178	488782	4.452	ng	# 82
78) Pyrene	19.586	202	428256	2.897	ng	# 77
83) Chrysene	21.357	228	495497	3.550	ng	# 40

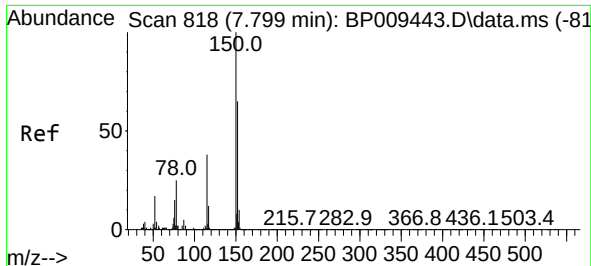
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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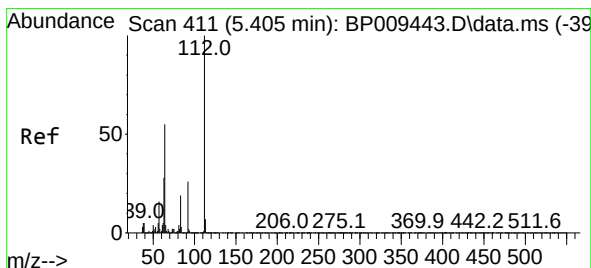
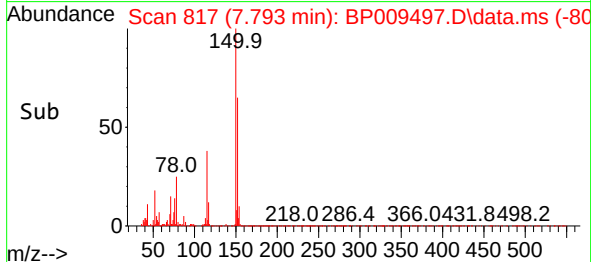
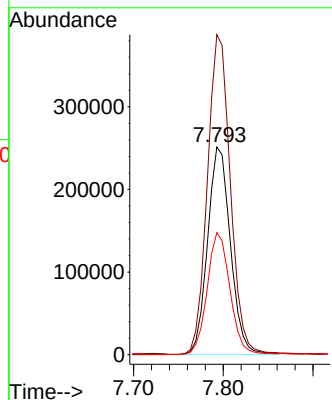
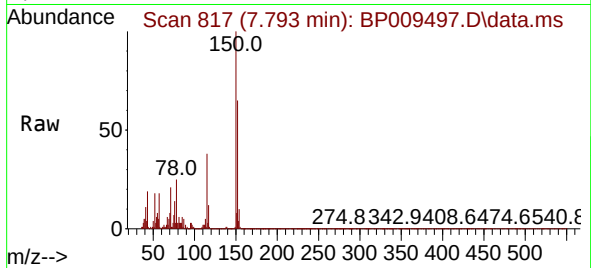




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

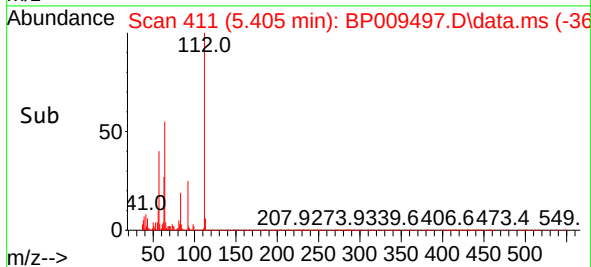
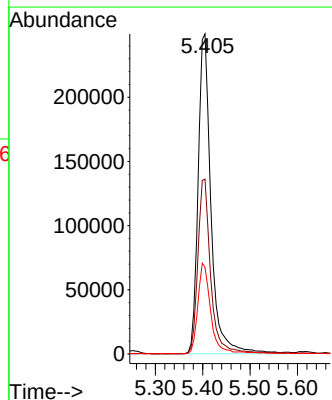
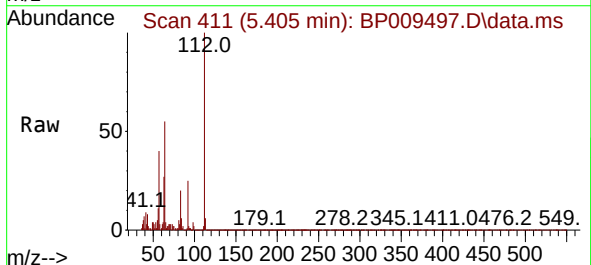
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BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

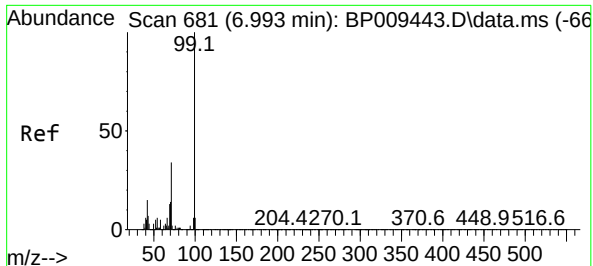
Tgt Ion:152 Resp: 444863
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 58.7 48.2 72.4



#5
2-Fluorophenol
Concen: 18.562 ng
RT: 5.405 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:112 Resp: 472968
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 27.1 23.0 34.6

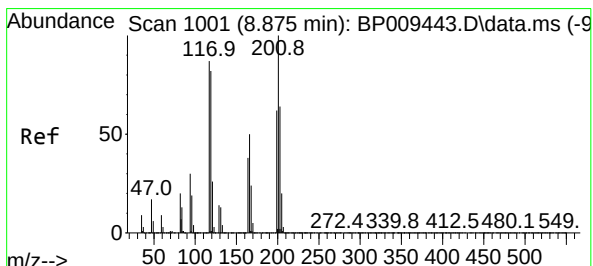
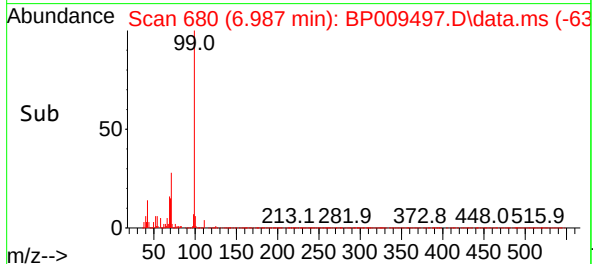
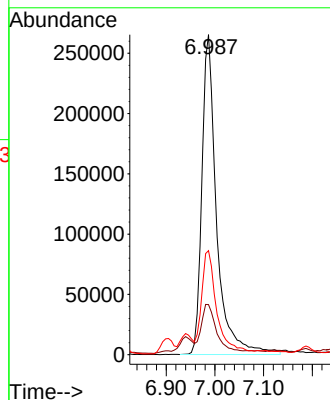
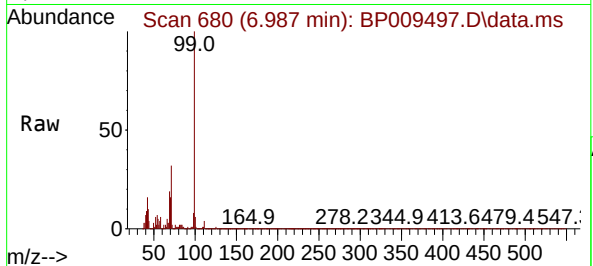




#7
Phenol-d6
Concen: 16.141 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

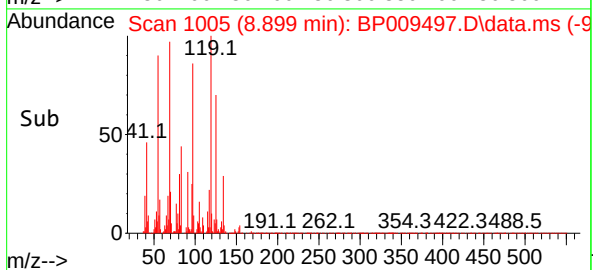
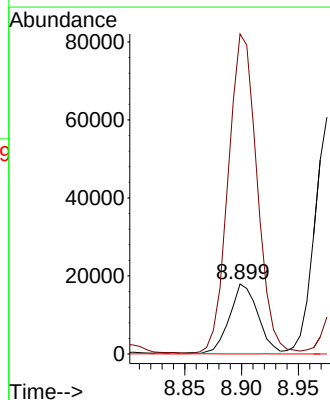
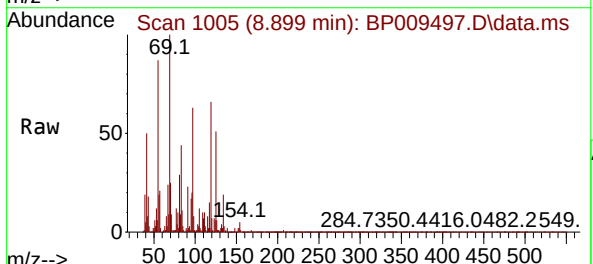
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ClientSampleId :
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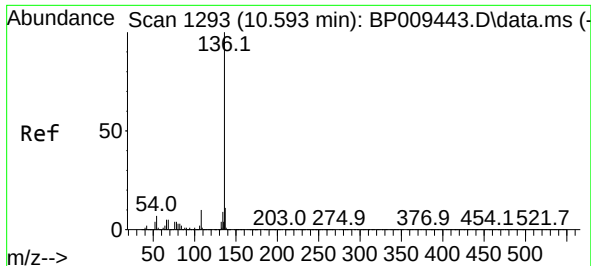
Tgt Ion: 99 Resp: 556192
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.5 26.3 39.5



#18
Hexachloroethane
Concen: 2.610 ng
RT: 8.899 min Scan# 1005
Delta R.T. 0.023 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion: 117 Resp: 30665
Ion Ratio Lower Upper
117 100
119 457.8 76.4 114.6#
201 0.1 83.4 125.2#

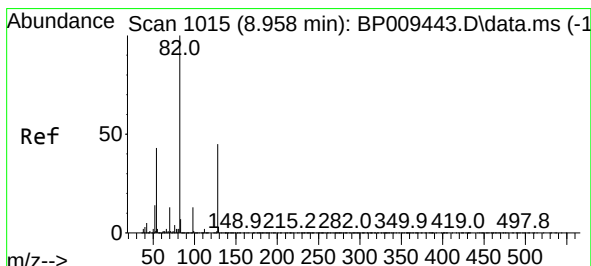
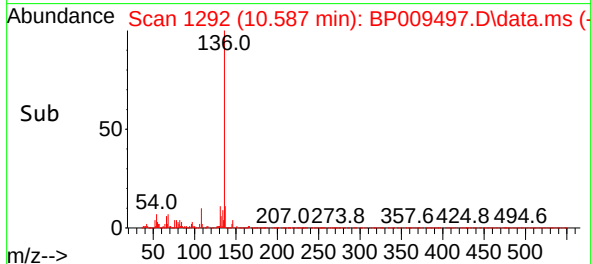
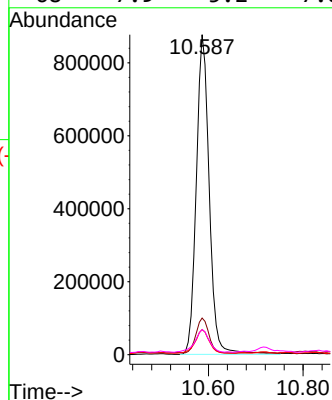
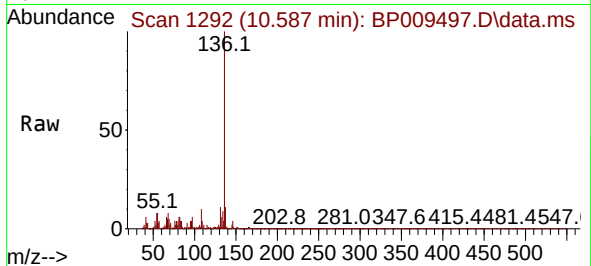




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

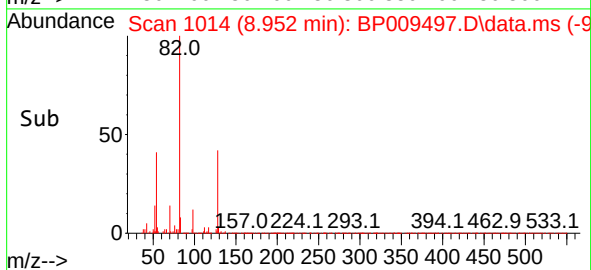
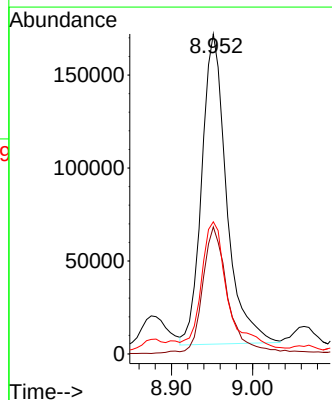
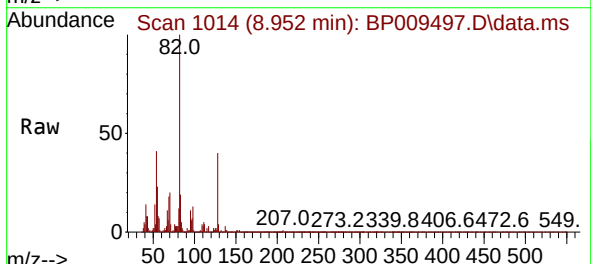
Instrument :
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ClientSampleId :
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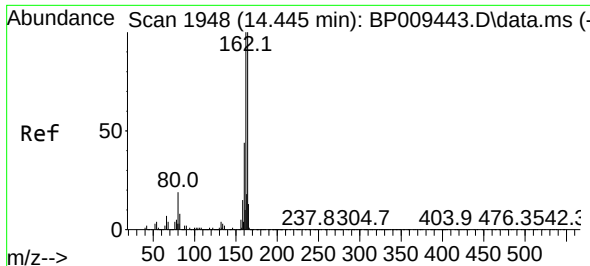
Tgt Ion:136 Resp: 1666104
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 7.8 5.8 8.8
68 7.9 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 11.302 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion: 82 Resp: 354349
Ion Ratio Lower Upper
82 100
128 39.7 34.2 51.4
54 41.3 34.7 52.1

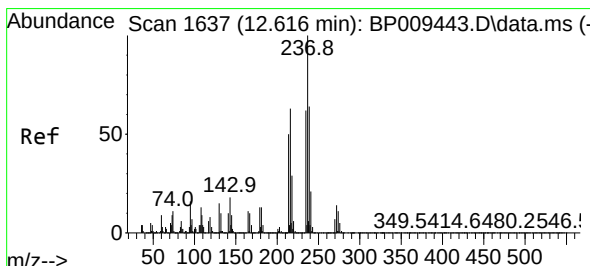
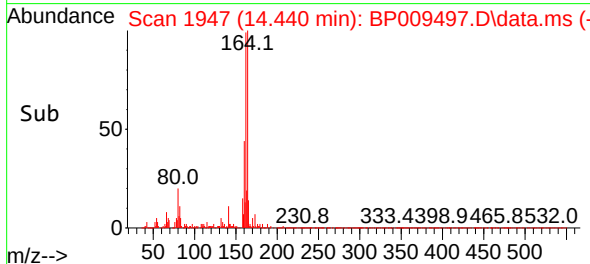
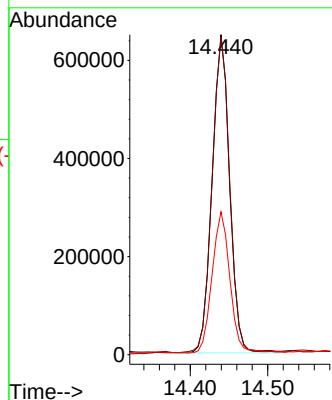
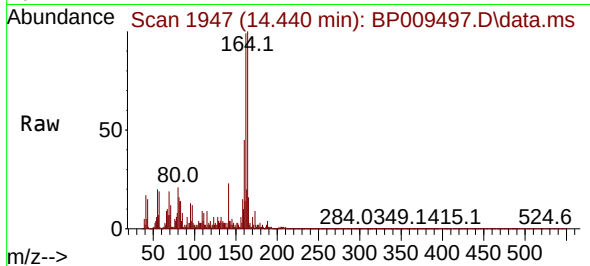




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

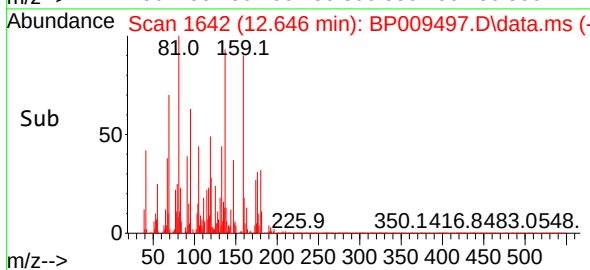
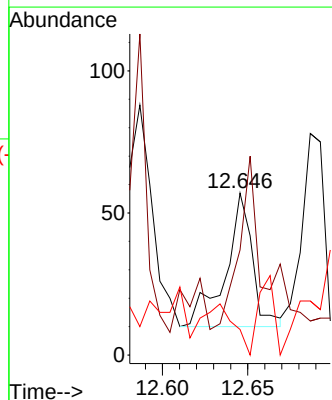
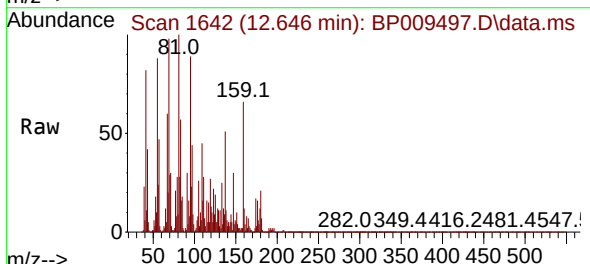
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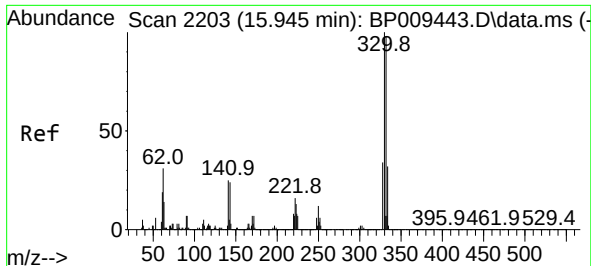
Tgt Ion:164 Resp: 1021126
Ion Ratio Lower Upper
164 100
162 99.4 79.1 118.7
160 44.6 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 7.292 ng
RT: 12.646 min Scan# 1642
Delta R.T. 0.030 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:237 Resp: 52
Ion Ratio Lower Upper
237 100
235 64.9 42.6 82.6
272 15.8 0.0 32.8

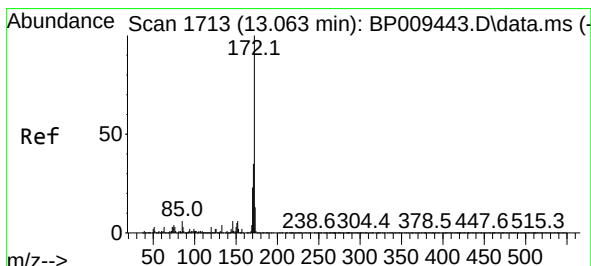
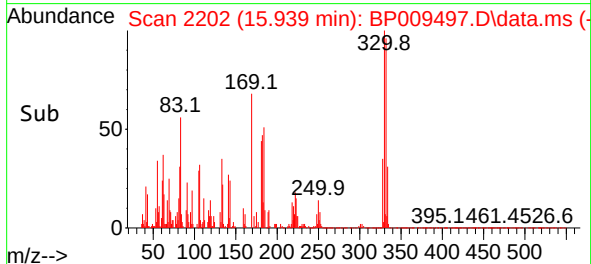
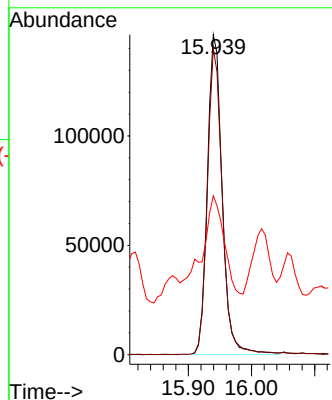
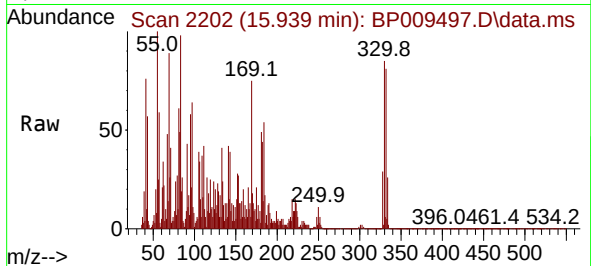




#42
2,4,6-Tribromophenol
Concen: 14.123 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

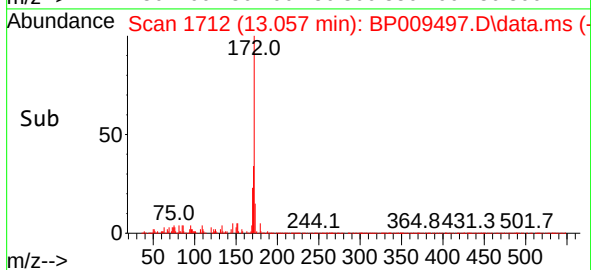
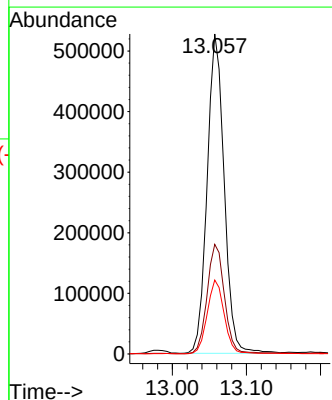
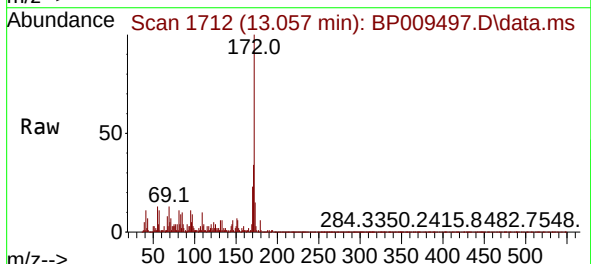
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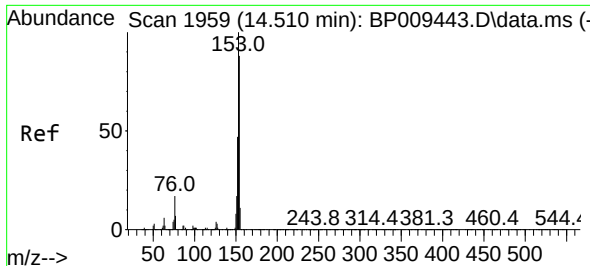
Tgt Ion:330 Resp: 237970
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 43.2 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 11.406 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:172 Resp: 840133
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 23.1 18.6 27.8

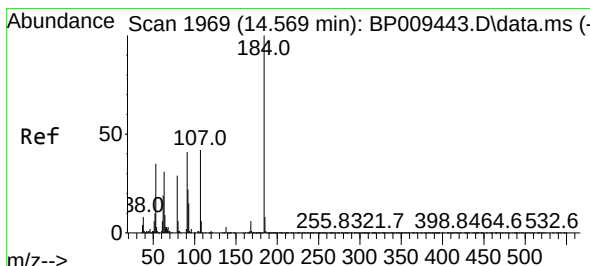
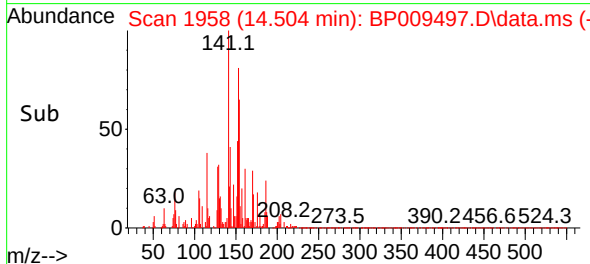
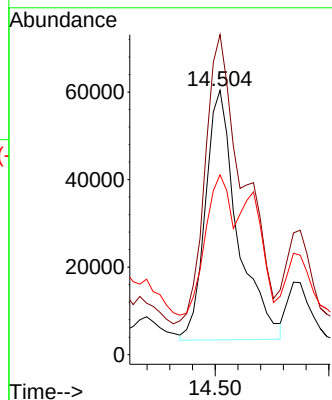
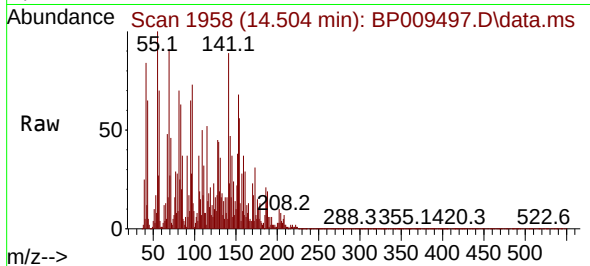




#52
Acenaphthene
Concen: 2.023 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

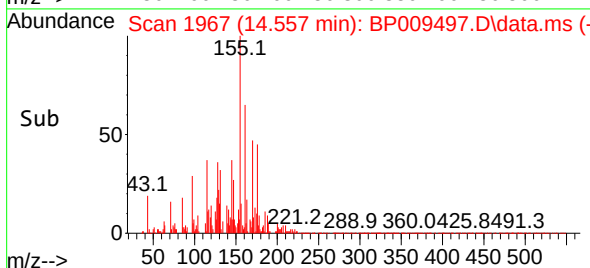
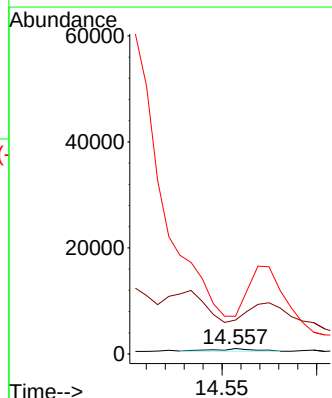
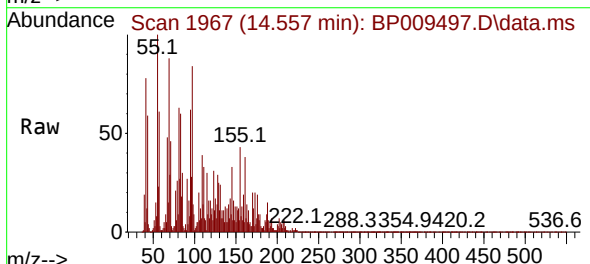
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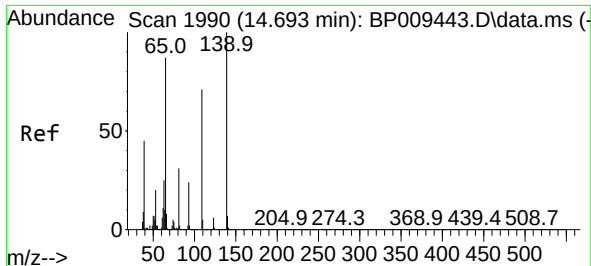
Tgt Ion:154 Resp: 111866
Ion Ratio Lower Upper
154 100
153 121.1 90.2 135.4
152 68.1 42.7 64.1#



#54
2,4-Dinitrophenol
Concen: 4.602 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:184 Resp: 744
Ion Ratio Lower Upper
184 100
63 615.1 46.3 69.5#
154 684.4 45.8 68.6#

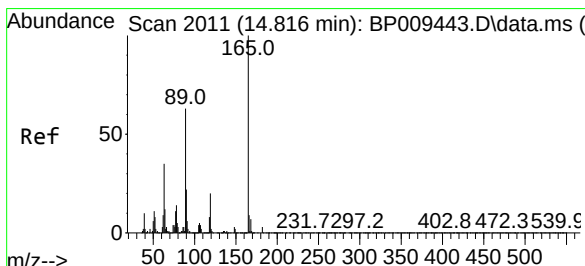
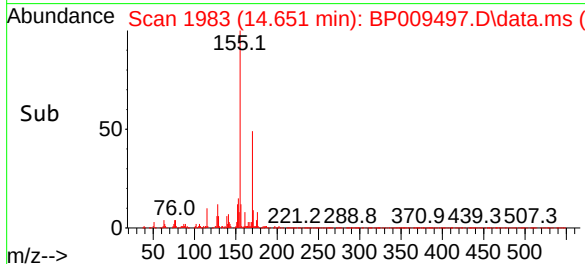
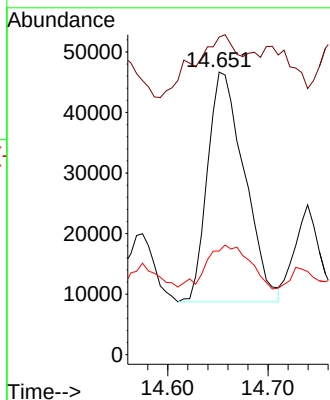
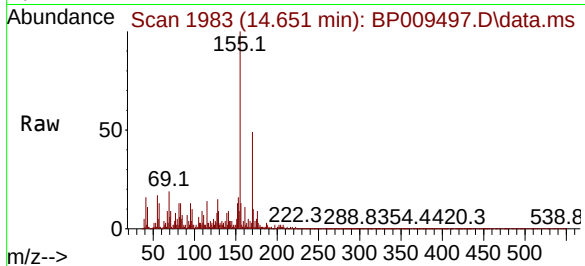




#56
4-Nitrophenol
Concen: 7.618 ng
RT: 14.651 min Scan# 1990
Delta R.T. -0.041 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

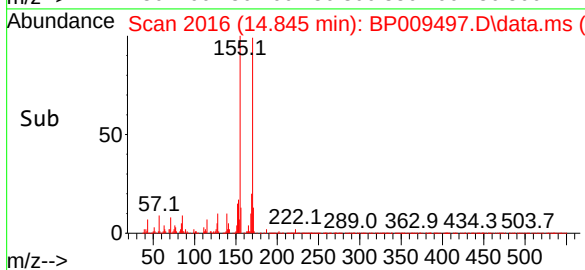
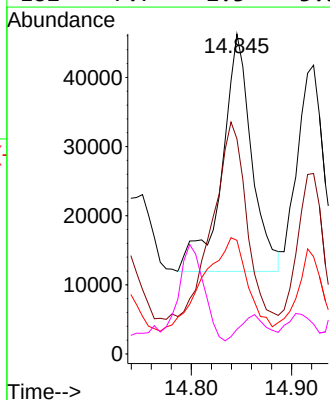
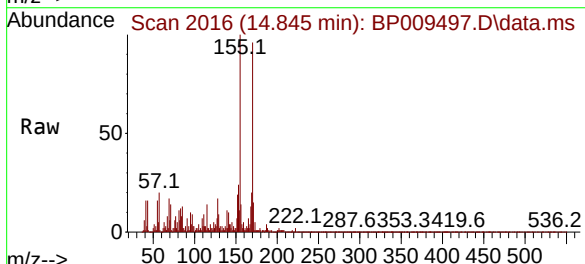
Instrument :
BNA_P
ClientSampleId :
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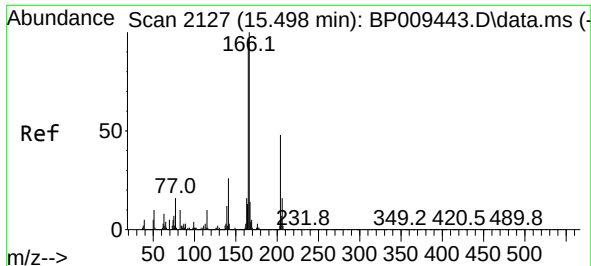
Tgt Ion:139 Resp: 97234
Ion Ratio Lower Upper
139 100
109 112.4 51.2 91.2#
65 36.7 73.2 113.2#



#57
2,4-Dinitrotoluene
Concen: 3.156 ng
RT: 14.845 min Scan# 2016
Delta R.T. 0.029 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:165 Resp: 70345
Ion Ratio Lower Upper
165 100
63 67.2 31.4 47.2#
89 35.5 55.9 83.9#
182 7.7 2.3 3.5#

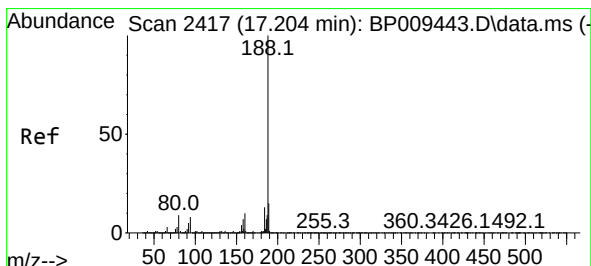
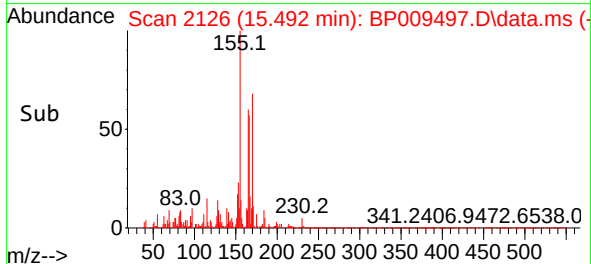
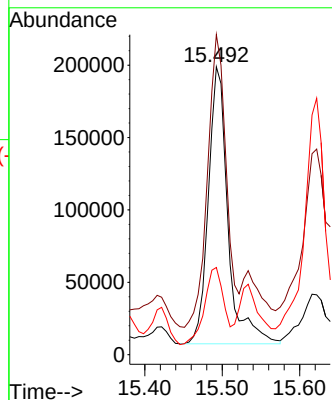
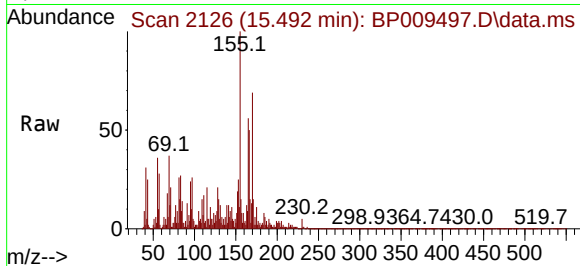




#58
Fluorene
Concen: 4.609 ng
RT: 15.492 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

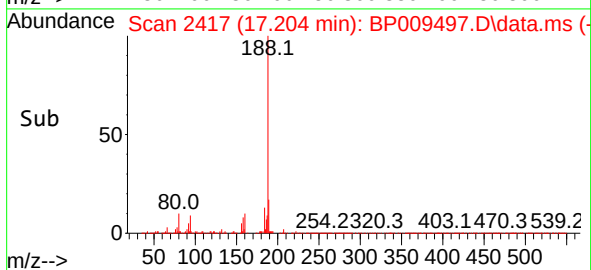
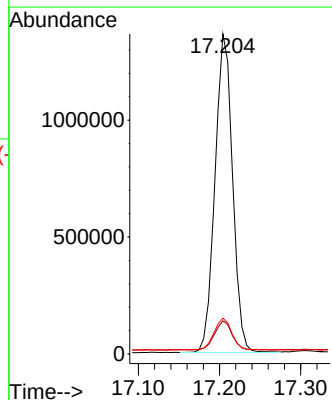
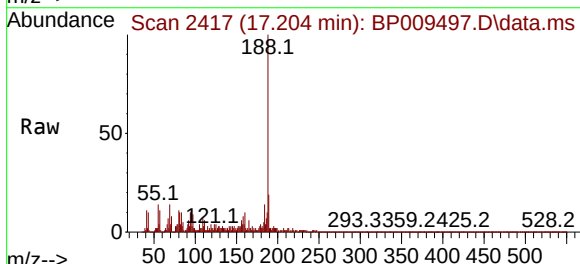
Instrument :
BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

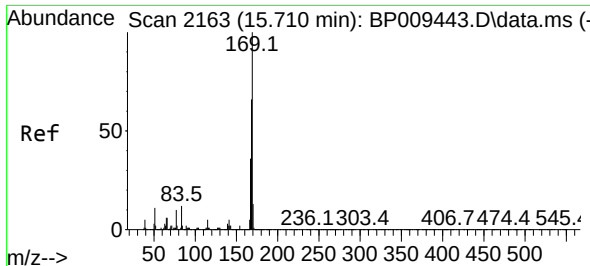
Tgt Ion:166 Resp: 336766
Ion Ratio Lower Upper
166 100
165 111.2 79.2 118.8
167 30.3 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:188 Resp: 2050825
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.2 8.8 13.2

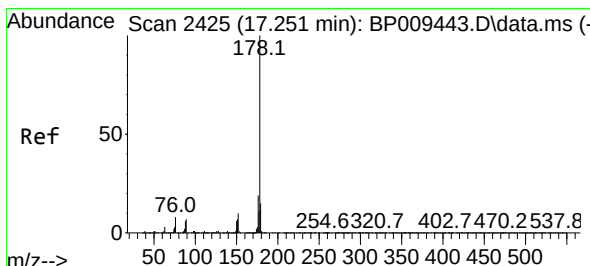
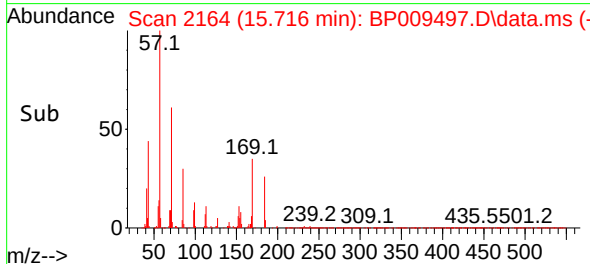
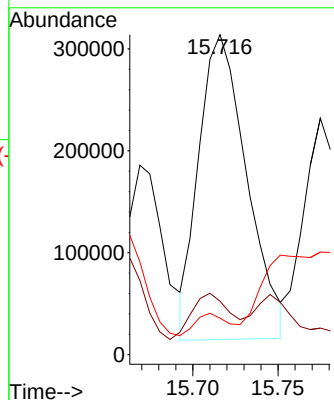
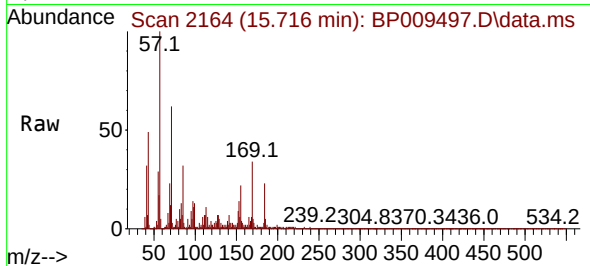




#66
 n-Nitrosodiphenylamine
 Concen: 9.629 ng
 RT: 15.716 min Scan# 2163
 Delta R.T. 0.006 min
 Lab File: BP009497.D
 Acq: 22 Mar 2022 20:19

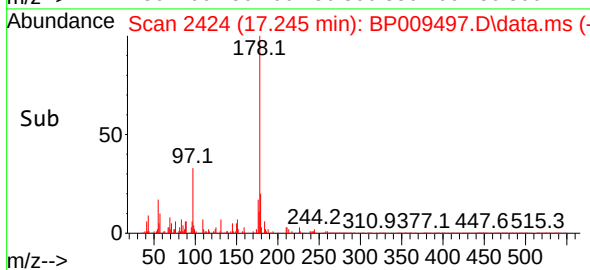
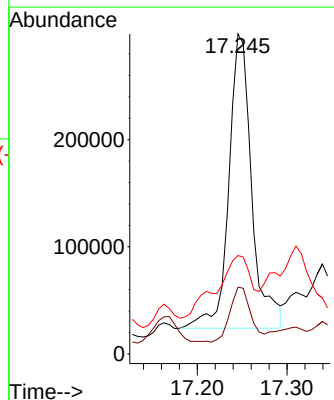
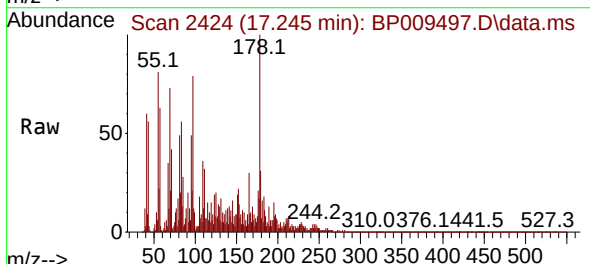
Instrument :
 BNA_P
 ClientSampleId :
 UST-7-WEST-SIDEWALL

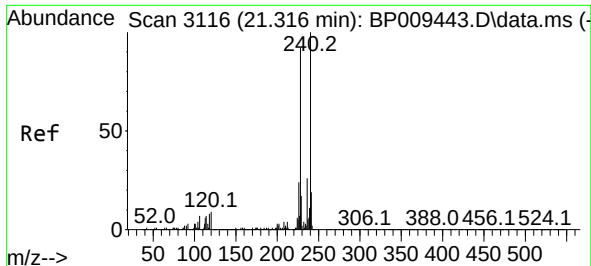
Tgt Ion:169 Resp: 584402
 Ion Ratio Lower Upper
 169 100
 168 16.7 51.6 77.4#
 167 11.4 29.0 43.4#



#71
 Phenanthrene
 Concen: 4.452 ng
 RT: 17.245 min Scan# 2424
 Delta R.T. -0.006 min
 Lab File: BP009497.D
 Acq: 22 Mar 2022 20:19

Tgt Ion:178 Resp: 488782
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.4 23.2
 179 30.8 12.3 18.5#

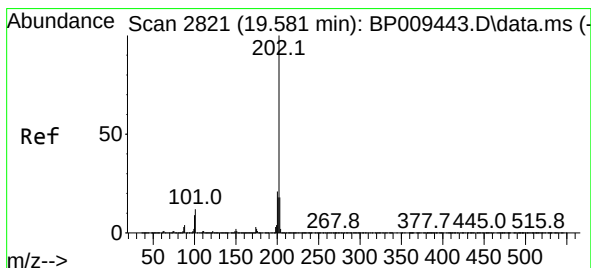
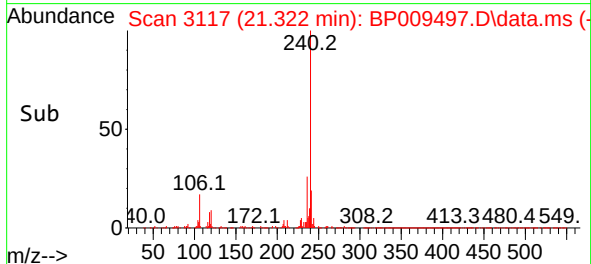
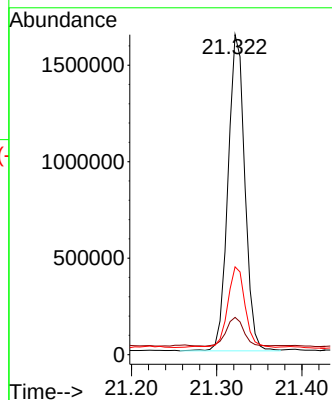
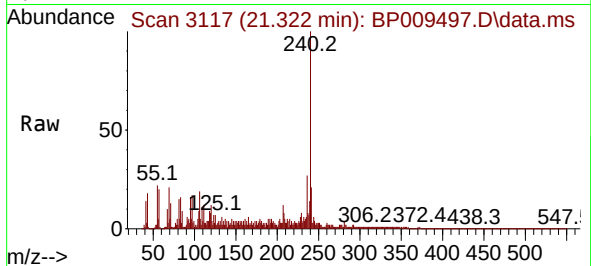




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

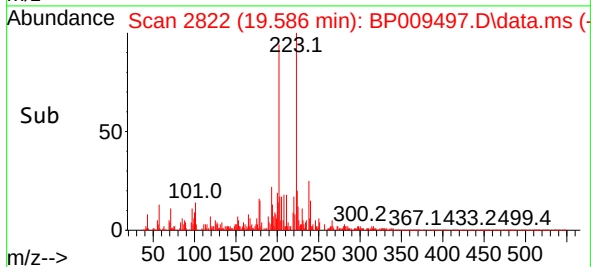
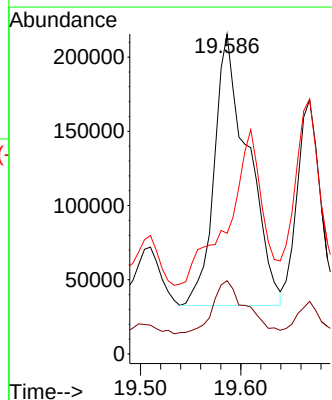
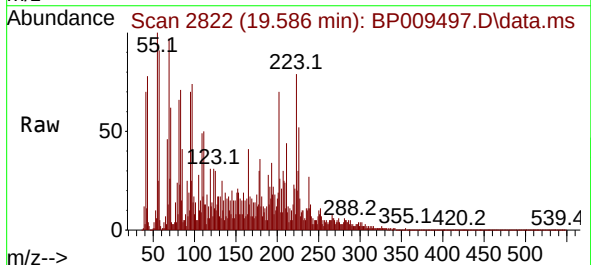
Instrument :
BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

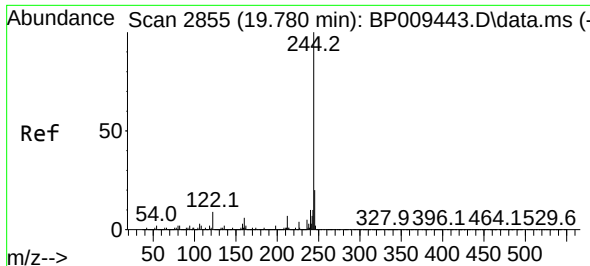
Tgt Ion:240 Resp: 2243289
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.4
236 27.5 20.6 30.8



#78
Pyrene
Concen: 2.897 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:202 Resp: 428256
Ion Ratio Lower Upper
202 100
200 22.9 16.8 25.2
203 37.7 14.2 21.4#

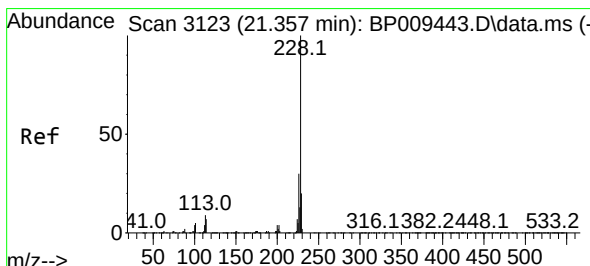
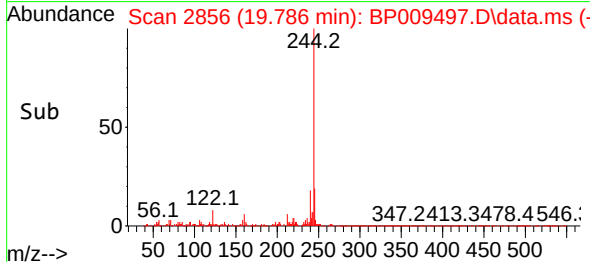
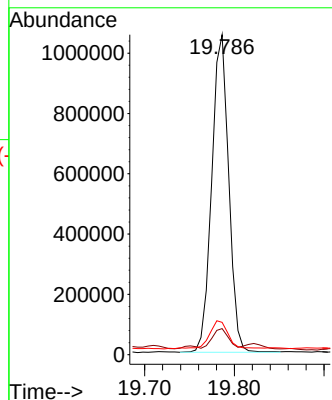
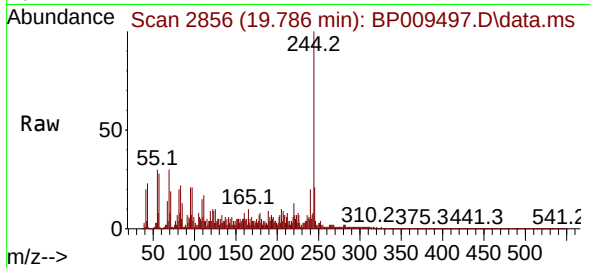




#79
 Terphenyl-d14
 Concen: 11.073 ng
 RT: 19.786 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP009497.D
 Acq: 22 Mar 2022 20:19

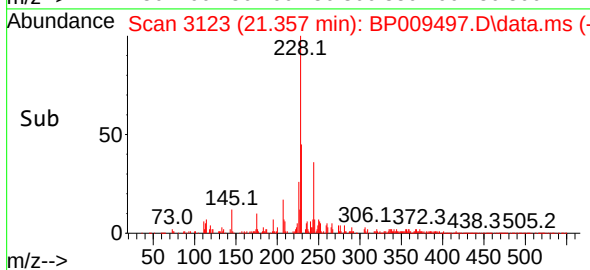
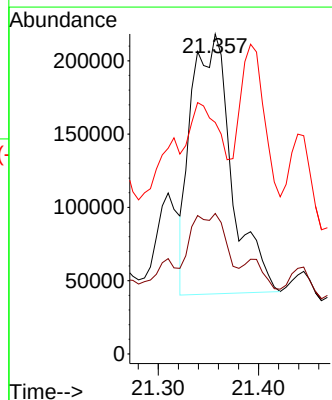
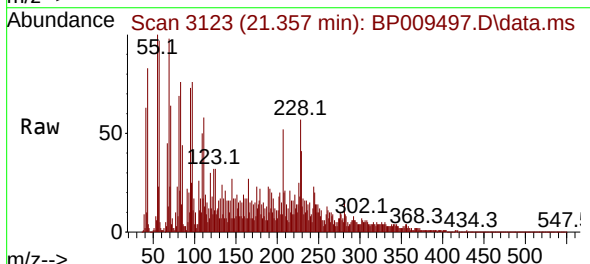
Instrument :
 BNA_P
 ClientSampleId :
 UST-7-WEST-SIDEWALL

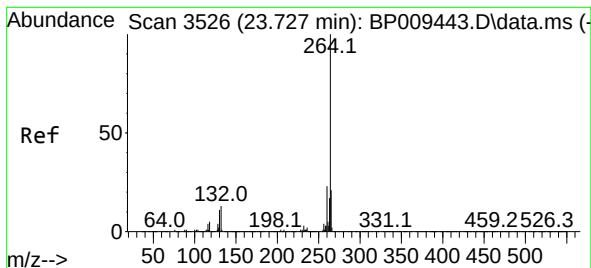
Tgt Ion:244 Resp: 1383947
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.6
 122 10.1 8.3 12.5



#83
 Chrysene
 Concen: 3.550 ng
 RT: 21.357 min Scan# 3123
 Delta R.T. -0.000 min
 Lab File: BP009497.D
 Acq: 22 Mar 2022 20:19

Tgt Ion:228 Resp: 495497
 Ion Ratio Lower Upper
 228 100
 226 43.9 24.2 36.2#
 229 72.4 16.1 24.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP009497.D

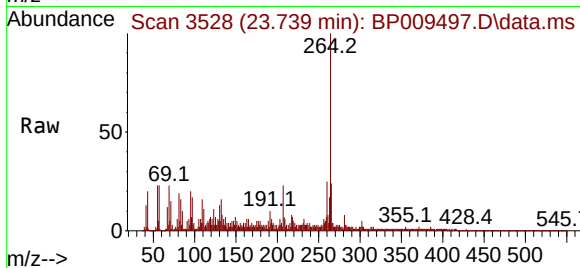
Acq: 22 Mar 2022 20:19

Instrument :

BNA_P

ClientSampleId :

UST-7-WEST-SIDEWALL



Tgt Ion:264 Resp: 2510953

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.0
265	24.0	17.2	25.8

264 100

260 25.4 19.4 29.0

265 24.0 17.2 25.8

