

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009498.D
 Acq On : 22 Mar 2022 20:52
 Operator : CG/JU
 Sample : N2057-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Mar 23 01:23:02 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)

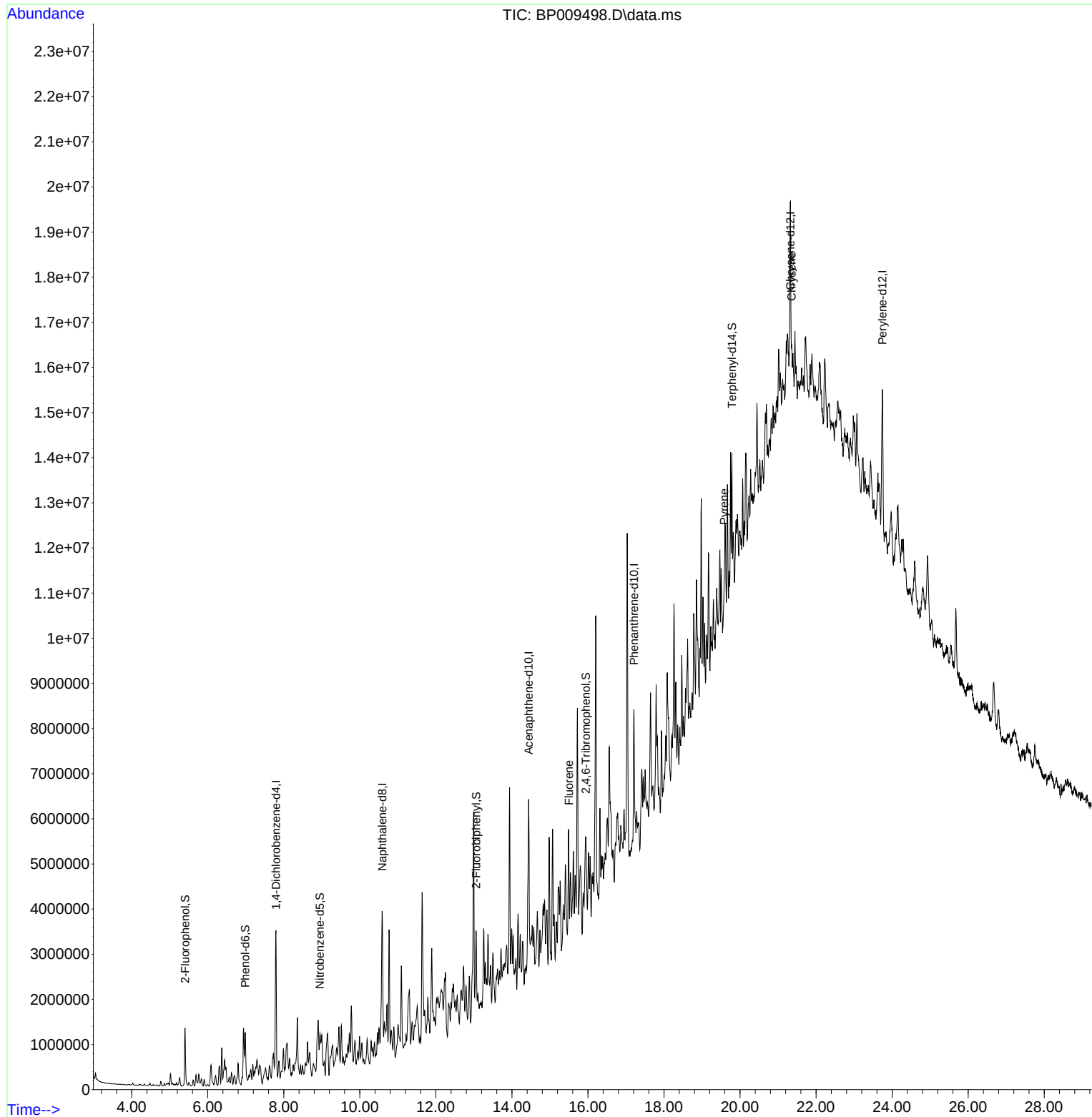
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	595094	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	2147698	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	1107408	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1940282	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2125669	20.000	ng	0.01
86) Perylene-d12	23.745	264	2466140	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	648084	19.014	ng	0.00
7) Phenol-d6	6.987	99	794225	17.230	ng	0.00
23) Nitrobenzene-d5	8.951	82	504088	12.473	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	238317	13.041	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1046179	13.096	ng	0.00
79) Terphenyl-d14	19.786	244	1318181	11.131	ng	0.00
Target Compounds						
						Qvalue
58) Fluorene	15.498	166	325545	4.108	ng	# 89
78) Pyrene	19.586	202	349014	2.492	ng	# 69
83) Chrysene	21.357	228	509466	3.853	ng	# 38

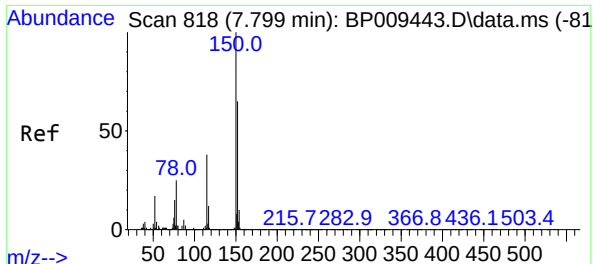
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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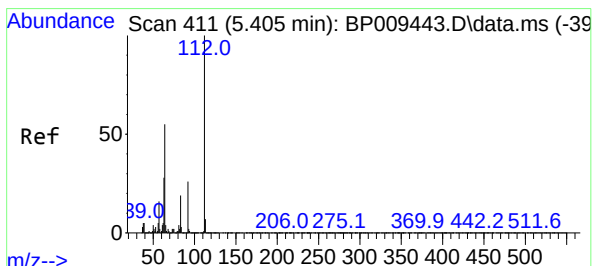
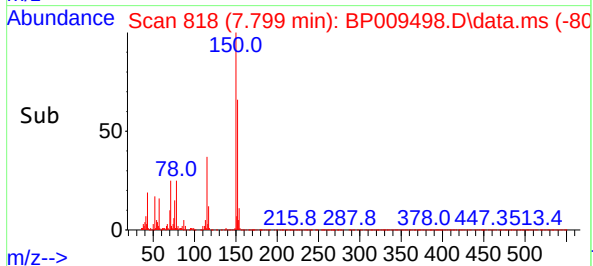
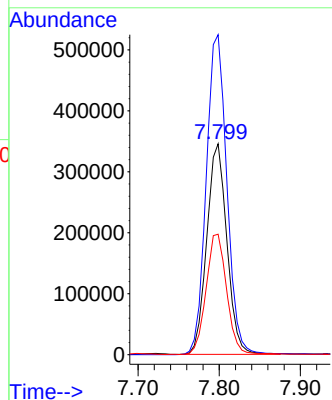
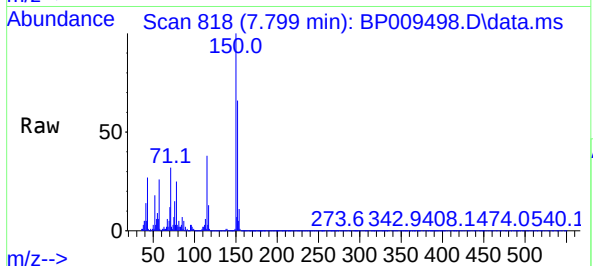




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 818
Delta R.T. -0.000 min
Lab File: BP009498.D
Acq: 22 Mar 2022 20:52

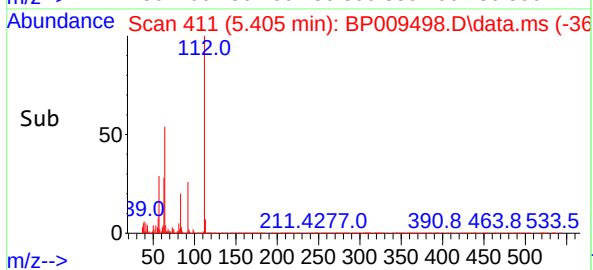
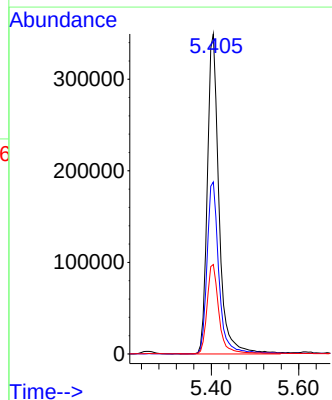
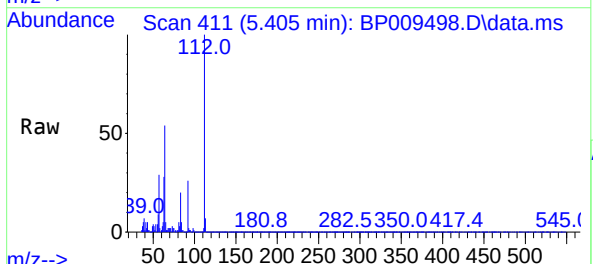
Instrument :
BNA_P
ClientSampleId :
UST-7-EAST-SIDEWALL

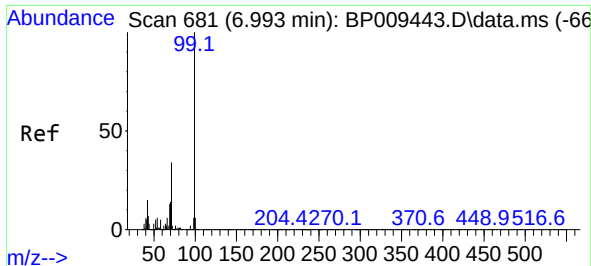
Tgt Ion:152 Resp: 595094
Ion Ratio Lower Upper
152 100
150 151.7 124.5 186.7
115 57.1 48.2 72.4



#5
2-Fluorophenol
Concen: 19.014 ng
RT: 5.405 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP009498.D
Acq: 22 Mar 2022 20:52

Tgt Ion:112 Resp: 648084
Ion Ratio Lower Upper
112 100
64 53.7 45.0 67.4
63 27.9 23.0 34.6

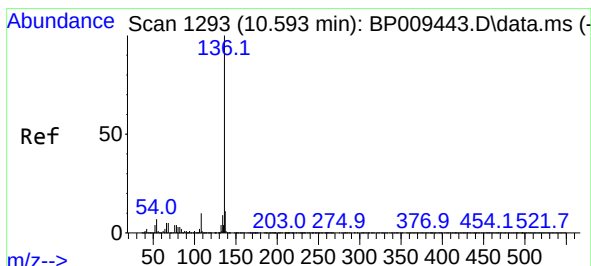
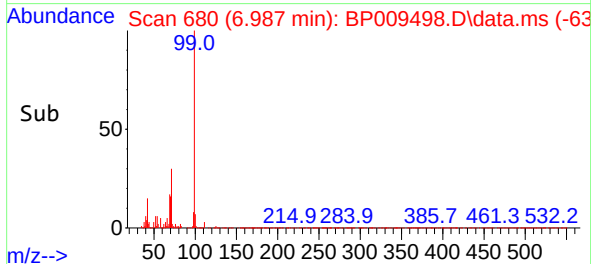
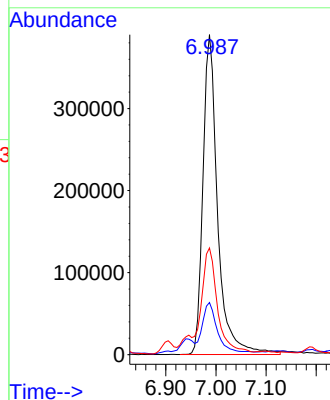
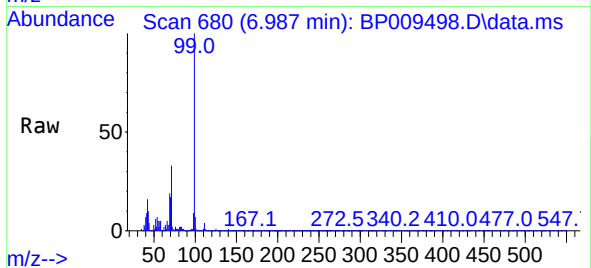




#7
Phenol-d6
Concen: 17.230 ng
RT: 6.987 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP009498.D
Acq: 22 Mar 2022 20:52

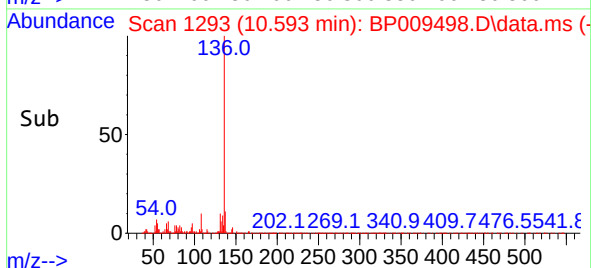
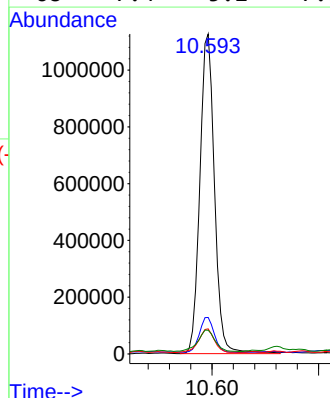
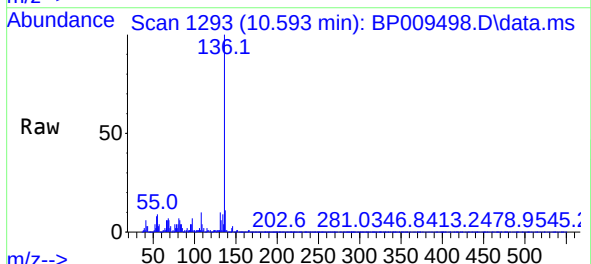
Instrument :
BNA_P
ClientSampleId :
UST-7-EAST-SIDEWALL

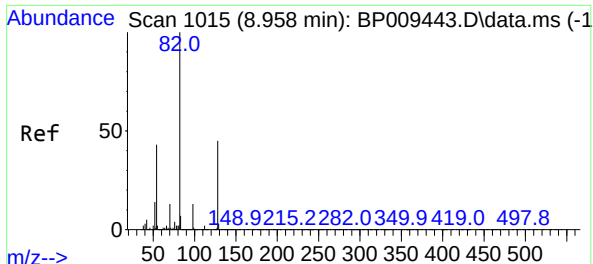
Tgt Ion: 99 Resp: 794225
Ion Ratio Lower Upper
99 100
42 16.3 12.8 19.2
71 33.4 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP009498.D
Acq: 22 Mar 2022 20:52

Tgt Ion: 136 Resp: 2147698
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 7.8 5.8 8.8
68 7.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 12.473 ng

RT: 8.951 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BP009498.D

Acq: 22 Mar 2022 20:52

Instrument :

BNA_P

ClientSampleId :

UST-7-EAST-SIDEWALL

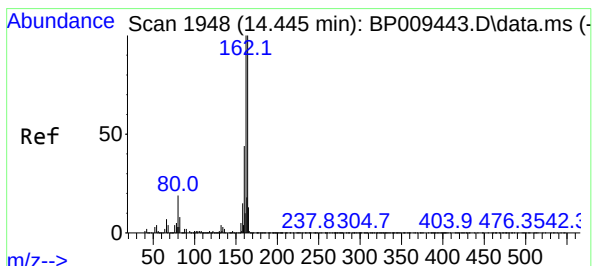
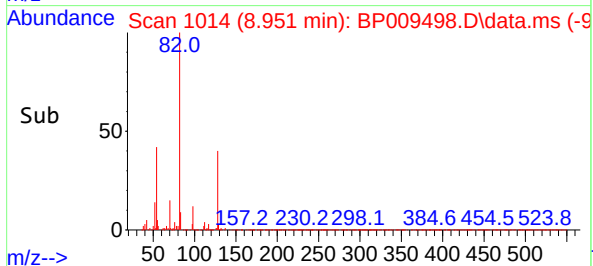
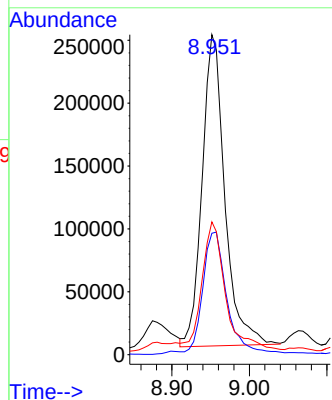
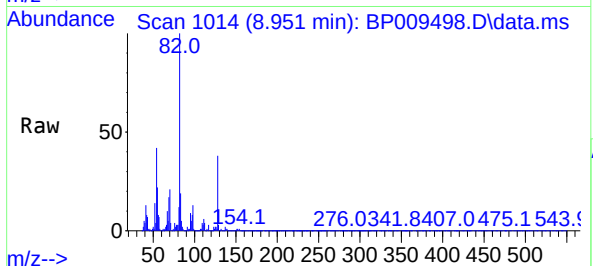
Tgt Ion: 82 Resp: 504088

Ion Ratio Lower Upper

82 100

128 37.9 34.2 51.4

54 41.5 34.7 52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BP009498.D

Acq: 22 Mar 2022 20:52

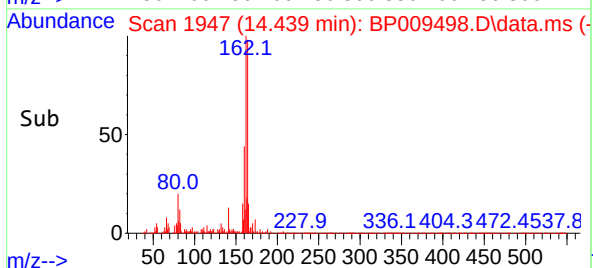
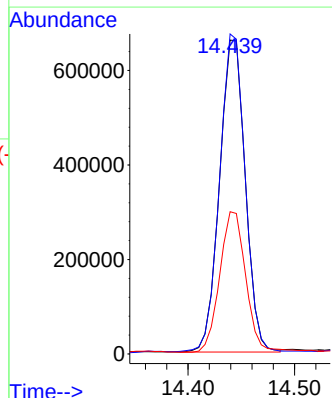
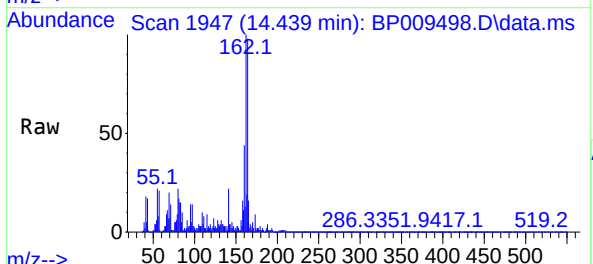
Tgt Ion: 164 Resp: 1107408

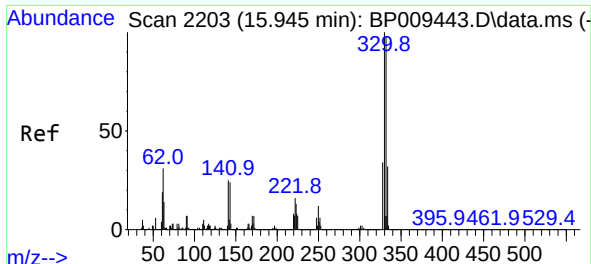
Ion Ratio Lower Upper

164 100

162 102.0 79.1 118.7

160 45.3 34.9 52.3

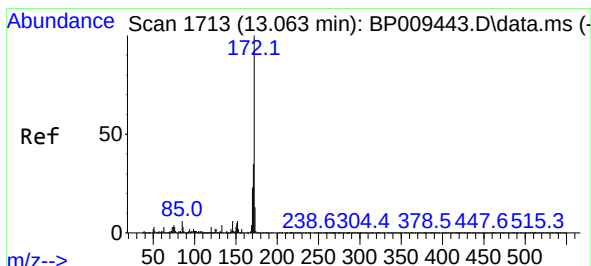
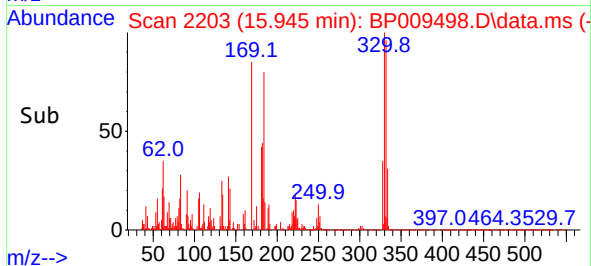
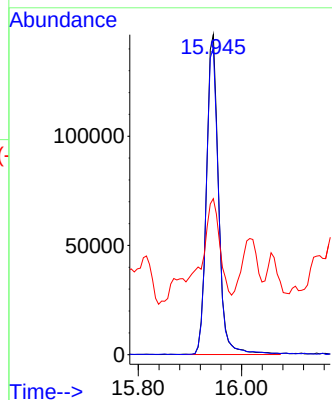
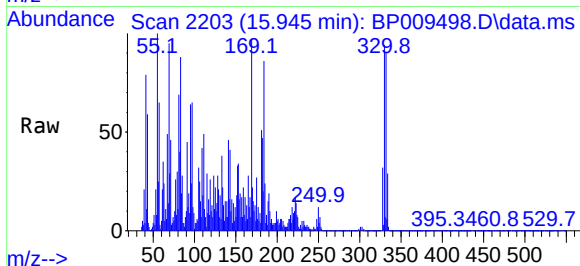




#42
2,4,6-Tribromophenol
Concen: 13.041 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009498.D
Acq: 22 Mar 2022 20:52

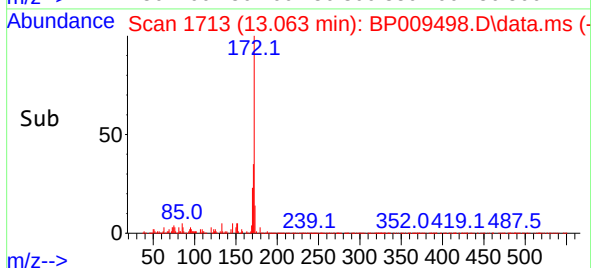
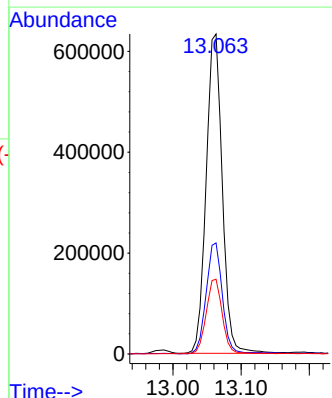
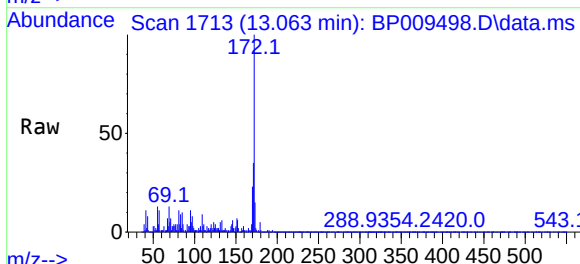
Instrument :
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ClientSampleId :
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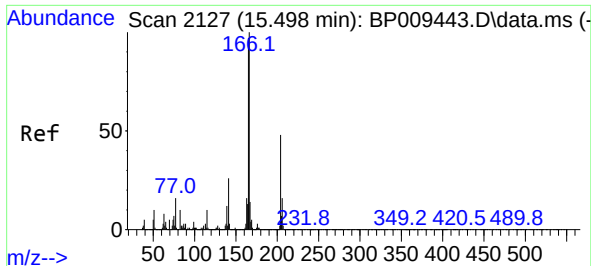
Tgt Ion:330 Resp: 238317
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 40.6 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 13.096 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP009498.D
Acq: 22 Mar 2022 20:52

Tgt Ion:172 Resp: 1046179
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.3 18.6 27.8

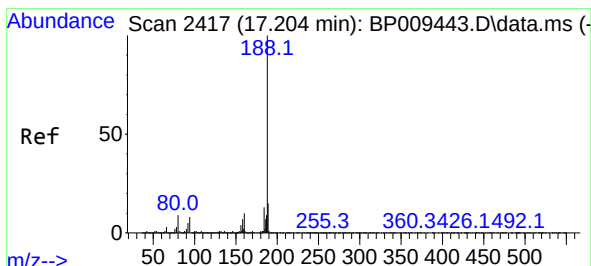
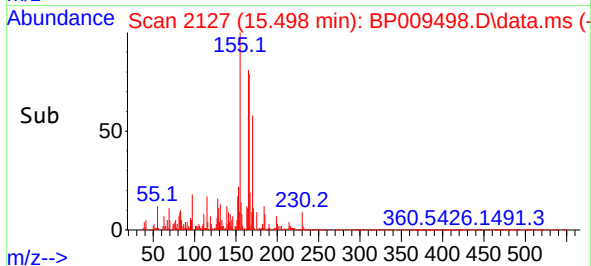
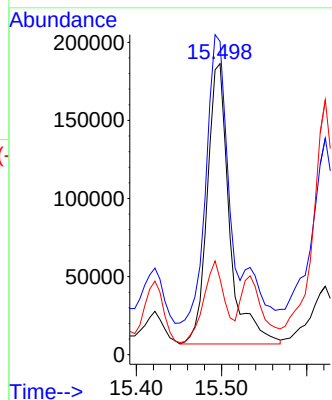
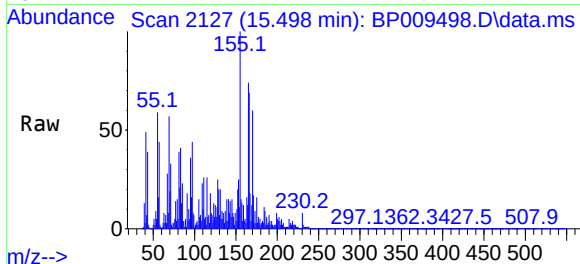




#58
Fluorene
Concen: 4.108 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP009498.D
Acq: 22 Mar 2022 20:52

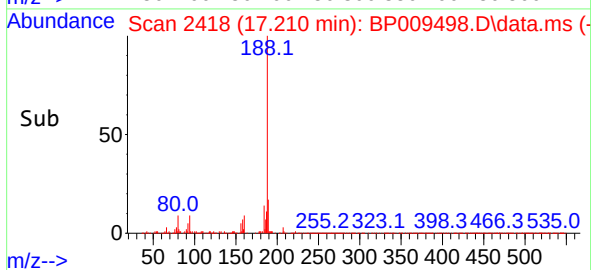
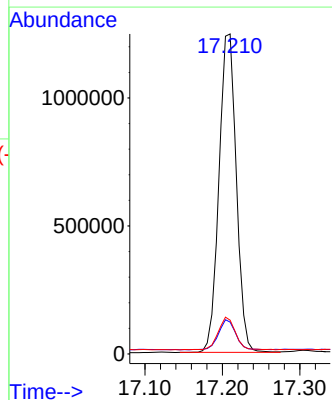
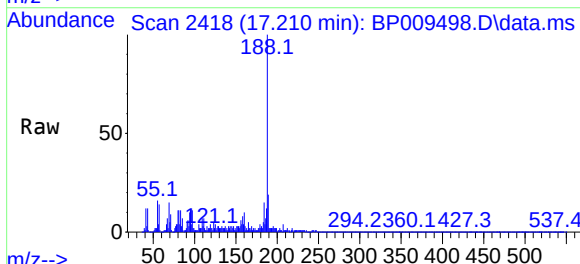
Instrument :
BNA_P
ClientSampleId :
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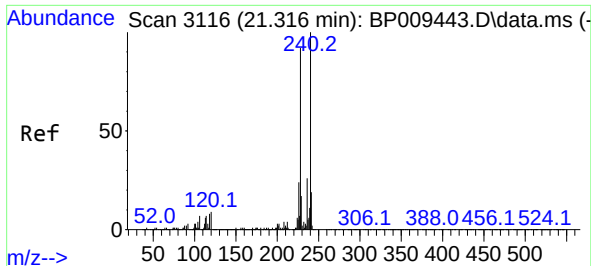
Tgt Ion:166 Resp: 325545
Ion Ratio Lower Upper
166 100
165 107.6 79.2 118.8
167 26.0 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP009498.D
Acq: 22 Mar 2022 20:52

Tgt Ion:188 Resp: 1940282
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.5 8.8 13.2

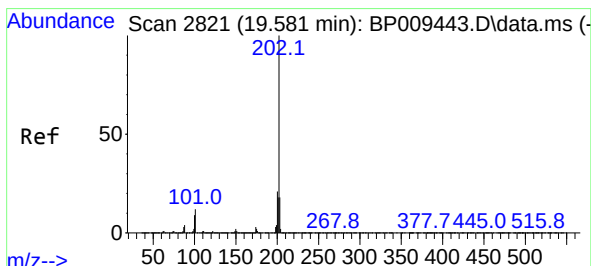
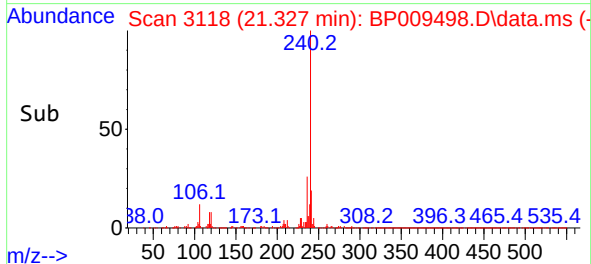
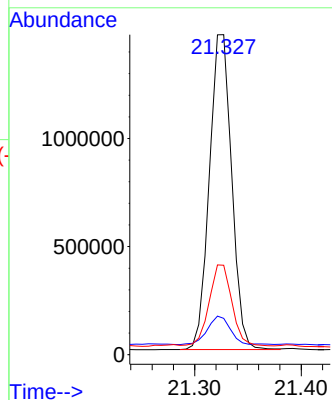
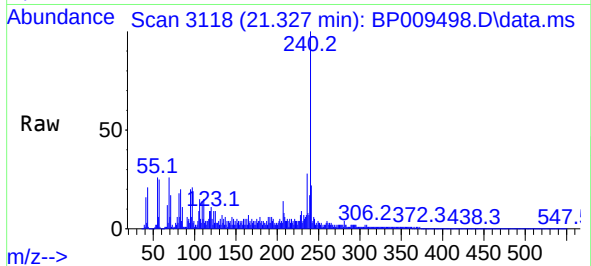




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3116
Delta R.T. 0.012 min
Lab File: BP009498.D
Acq: 22 Mar 2022 20:52

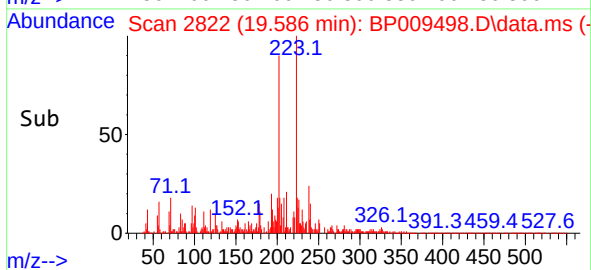
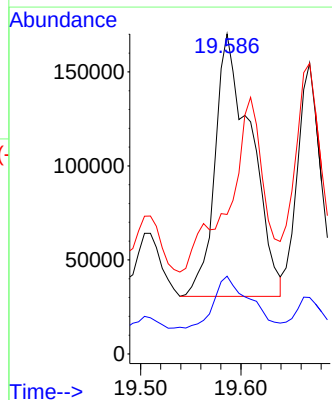
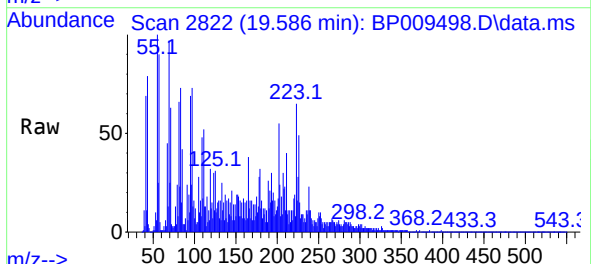
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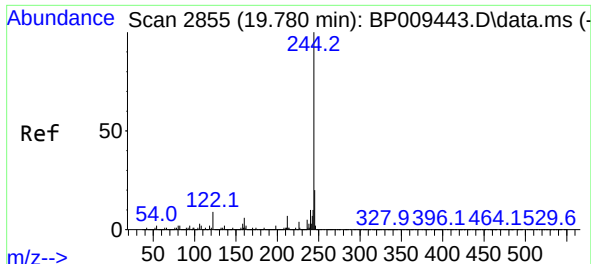
Tgt Ion:240 Resp: 2125669
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.4
236 27.9 20.6 30.8



#78
Pyrene
Concen: 2.492 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BP009498.D
Acq: 22 Mar 2022 20:52

Tgt Ion:202 Resp: 349014
Ion Ratio Lower Upper
202 100
200 24.3 16.8 25.2
203 43.6 14.2 21.4#

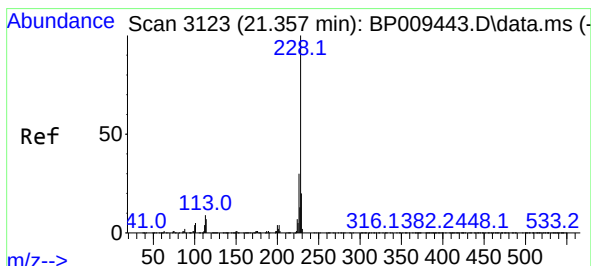
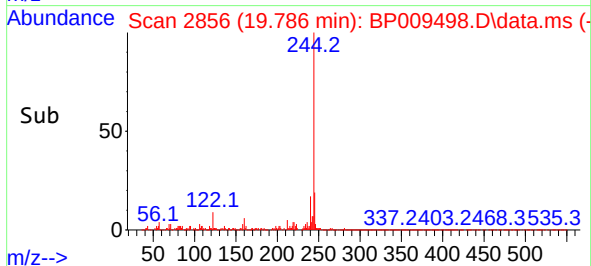
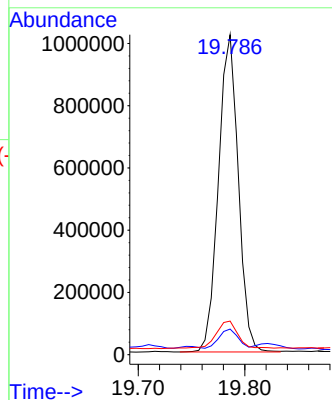
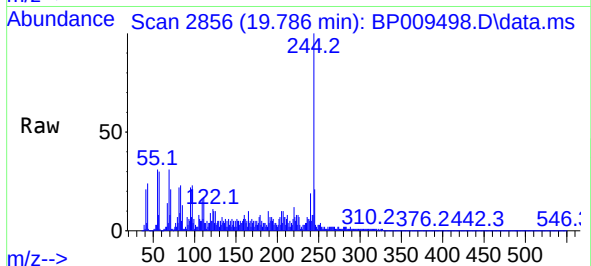




#79
 Terphenyl-d14
 Concen: 11.131 ng
 RT: 19.786 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP009498.D
 Acq: 22 Mar 2022 20:52

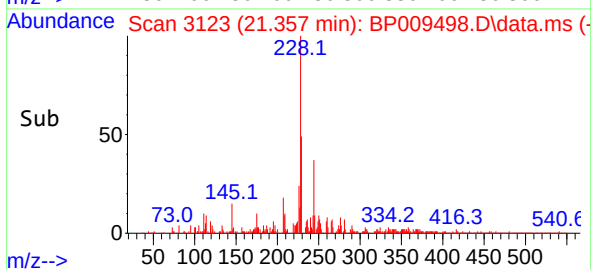
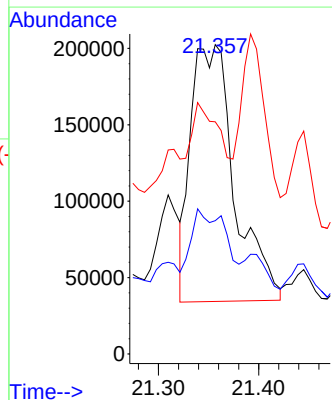
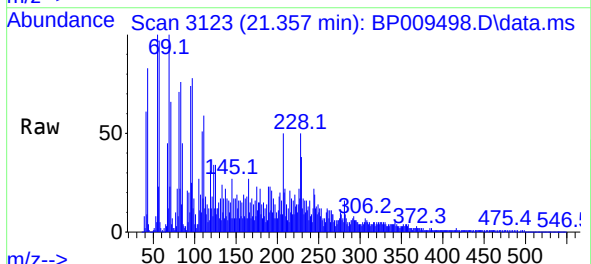
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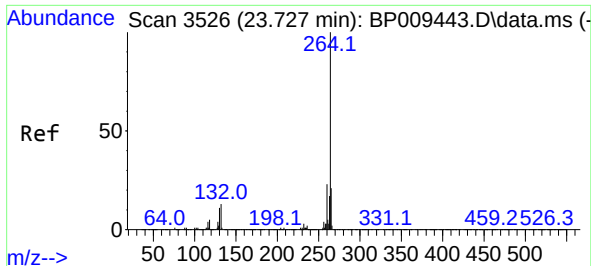
Tgt Ion:244 Resp: 1318181
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.6
 122 10.5 8.3 12.5



#83
 Chrysene
 Concen: 3.853 ng
 RT: 21.357 min Scan# 3123
 Delta R.T. -0.000 min
 Lab File: BP009498.D
 Acq: 22 Mar 2022 20:52

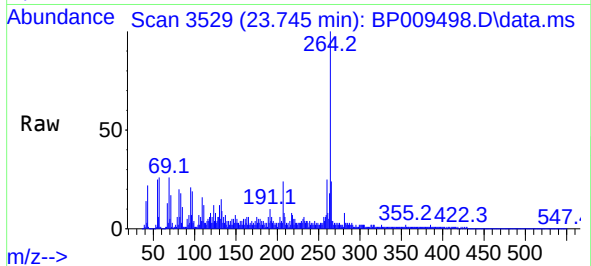
Tgt Ion:228 Resp: 509466
 Ion Ratio Lower Upper
 228 100
 226 43.1 24.2 36.2#
 229 75.1 16.1 24.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 31
Delta R.T. 0.017 min
Lab File: BP009498.D
Acq: 22 Mar 2022 20:52

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



Tgt Ion:264 Resp: 2466140

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.0
265	23.8	17.2	25.8

