

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009499.D
 Acq On : 22 Mar 2022 21:26
 Operator : CG/JU
 Sample : N2057-05 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Mar 23 01:23:11 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)

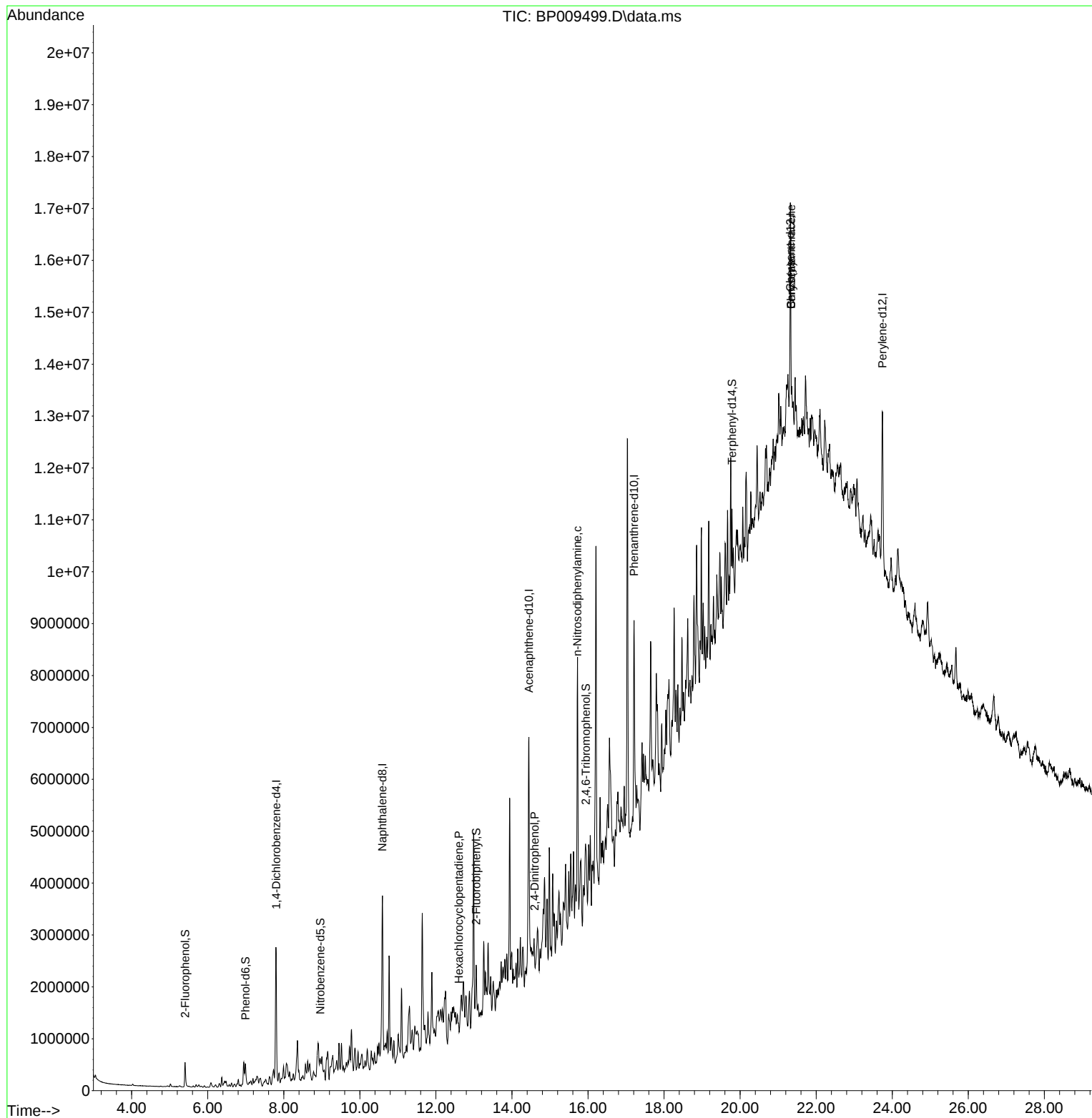
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	657725	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	2596370	20.000	ng	0.00
39) Acenaphthene-d10	14.446	164	1554357	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	2649798	20.000	ng	0.00
76) Chrysene-d12	21.322	240	2188860	20.000	ng	0.00
86) Perylene-d12	23.745	264	2421417	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	268080	7.116	ng	0.00
7) Phenol-d6	6.993	99	346805	6.807	ng	0.00
23) Nitrobenzene-d5	8.958	82	232213	4.753	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	139843	5.452	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	584497	5.213	ng	0.00
79) Terphenyl-d14	19.786	244	666132	5.462	ng	0.00
Target Compounds						
9) Benzaldehyde	6.940	77	4937	Below Cal	Qvalue	# 21
41) Hexachlorocyclopentadiene	12.604	237	69	7.291	ng	94
54) 2,4-Dinitrophenol	14.593	184	386	4.556	ng	# 1
66) n-Nitrosodiphenylamine	15.716	169	431030	5.497	ng	# 46
81) Benzo(a)anthracene	21.339	228	386142	2.685	ng	# 24
83) Chrysene	21.339	228	381288	2.800	ng	# 30

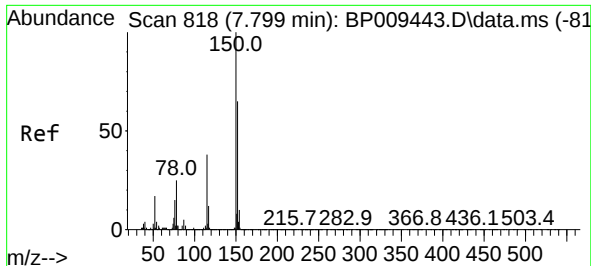
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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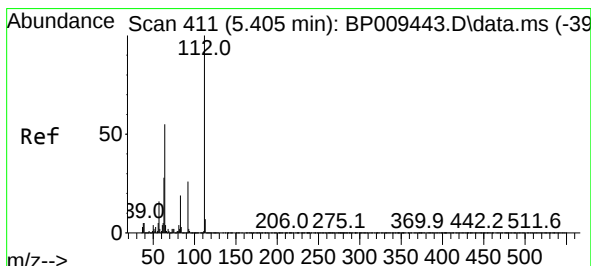
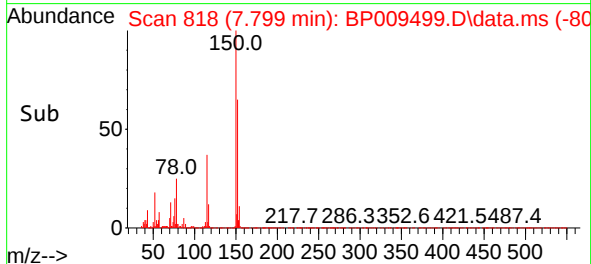
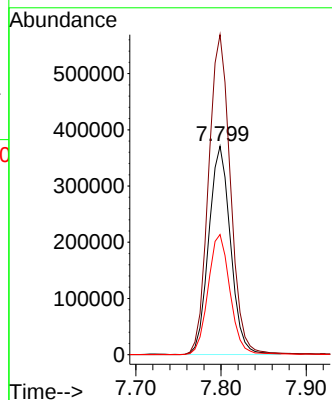
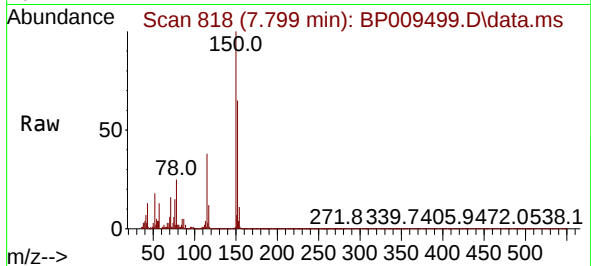




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.799 min Scan# 818
 Delta R.T. -0.000 min
 Lab File: BP009499.D
 Acq: 22 Mar 2022 21:26

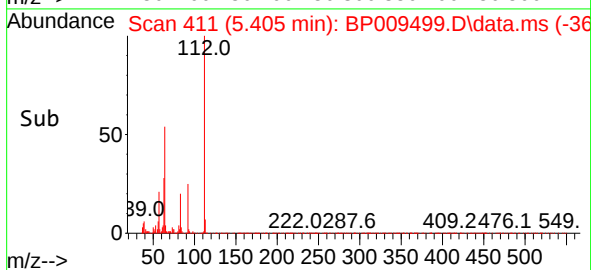
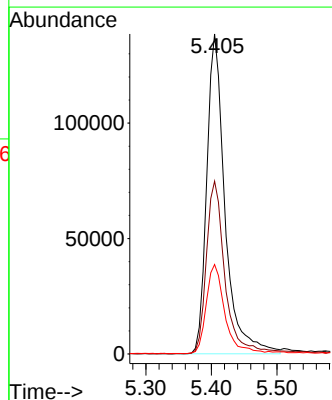
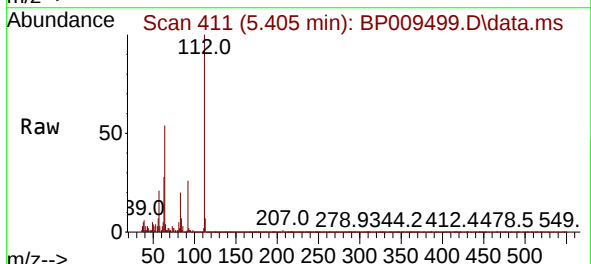
Instrument :
 BNA_P
 ClientSampleId :
 UST-7-SOUTH-SIDEWALL

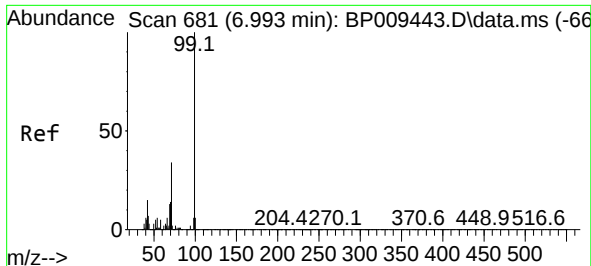
Tgt Ion:152 Resp: 657725
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.5 186.7
 115 57.6 48.2 72.4



#5
 2-Fluorophenol
 Concen: 7.116 ng
 RT: 5.405 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: BP009499.D
 Acq: 22 Mar 2022 21:26

Tgt Ion:112 Resp: 268080
 Ion Ratio Lower Upper
 112 100
 64 54.0 45.0 67.4
 63 27.9 23.0 34.6

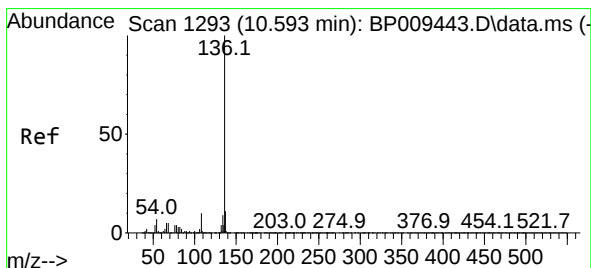
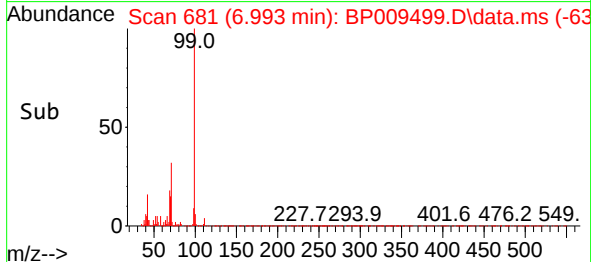
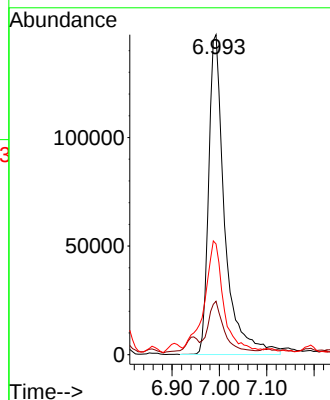
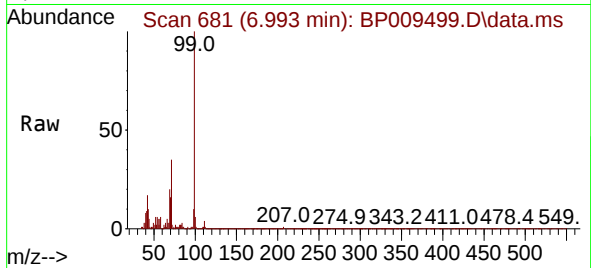




#7
Phenol-d6
Concen: 6.807 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP009499.D
Acq: 22 Mar 2022 21:26

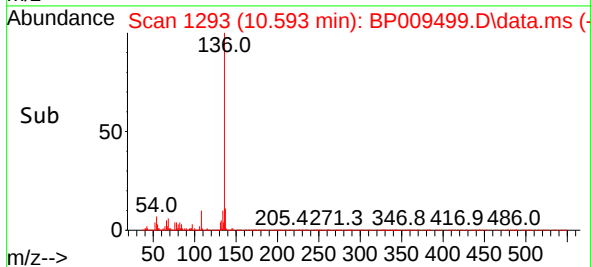
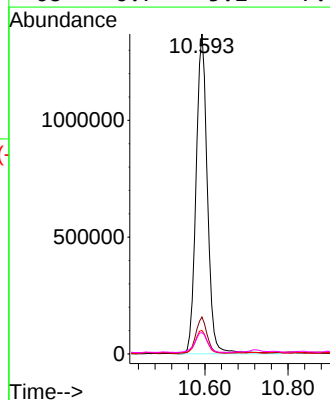
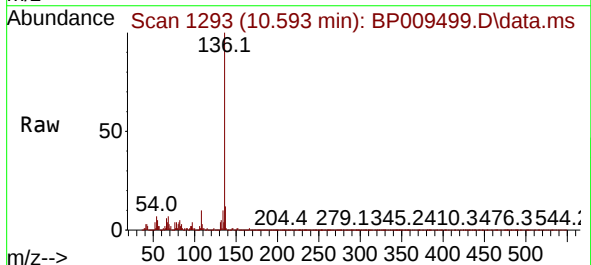
Instrument :
BNA_P
ClientSampleId :
UST-7-SOUTH-SIDEWALL

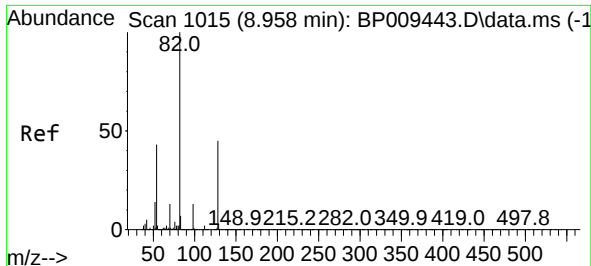
Tgt Ion: 99 Resp: 346805
Ion Ratio Lower Upper
99 100
42 16.7 12.8 19.2
71 34.6 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP009499.D
Acq: 22 Mar 2022 21:26

Tgt Ion:136 Resp: 2596370
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 7.4 5.8 8.8
68 6.7 5.2 7.8



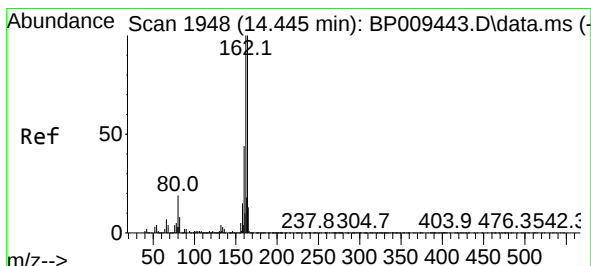
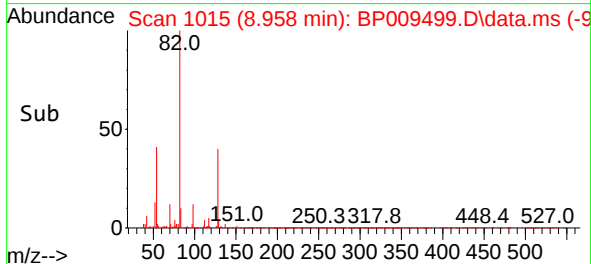
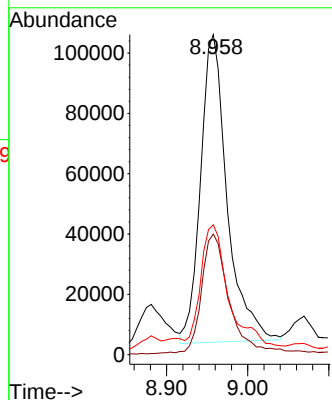
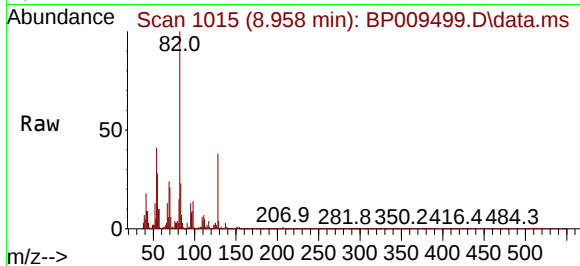


#23
 Nitrobenzene-d5
 Concen: 4.753 ng
 RT: 8.958 min Scan# 1015
 Delta R.T. 0.000 min
 Lab File: BP009499.D
 Acq: 22 Mar 2022 21:26

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

Tgt Ion: 82 Resp: 232213

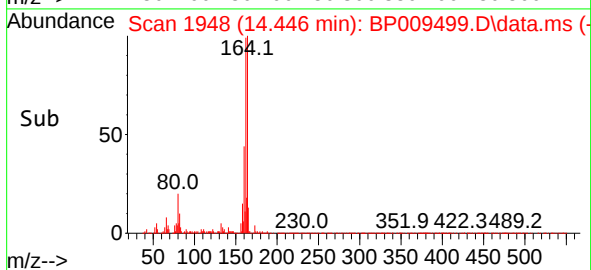
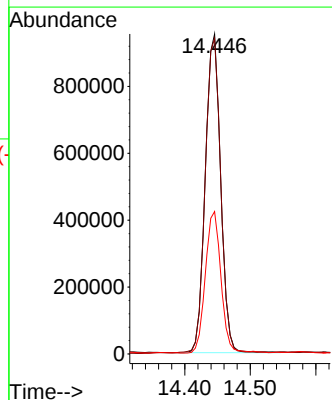
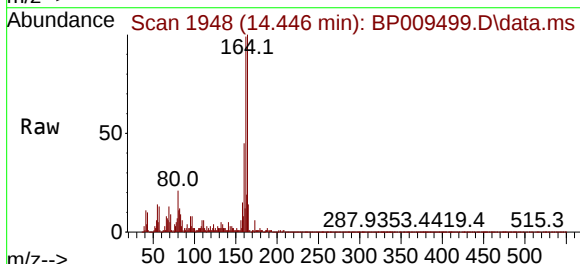
Ion	Ratio	Lower	Upper
82	100		
128	37.7	34.2	51.4
54	40.6	34.7	52.1

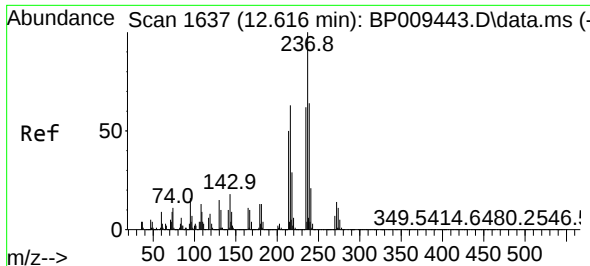


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.446 min Scan# 1948
 Delta R.T. 0.001 min
 Lab File: BP009499.D
 Acq: 22 Mar 2022 21:26

Tgt Ion:164 Resp: 1554357

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.1	118.7
160	44.5	34.9	52.3

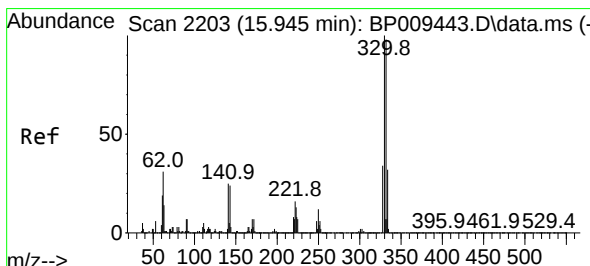
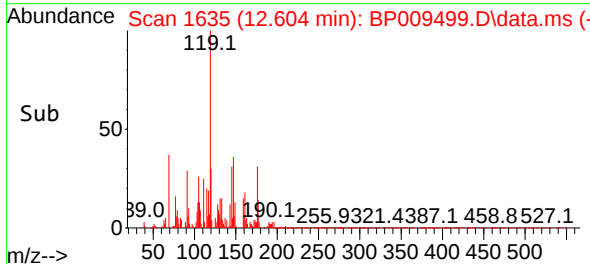
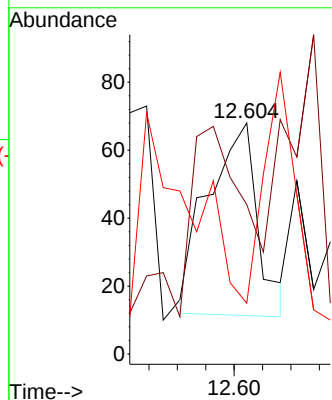
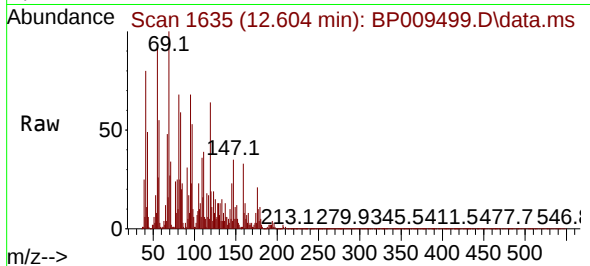




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009499.D
Acq: 22 Mar 2022 21:26

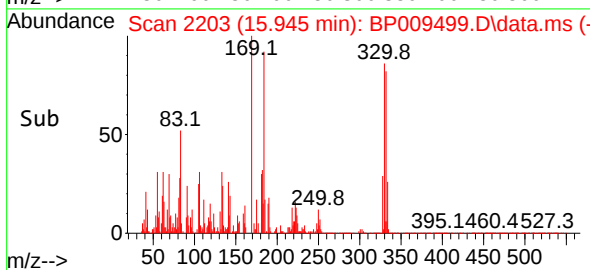
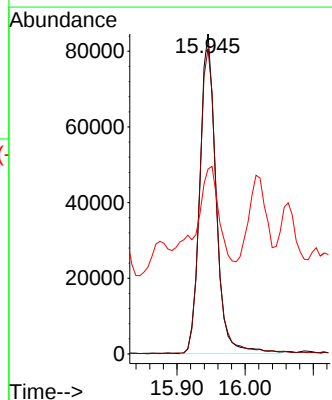
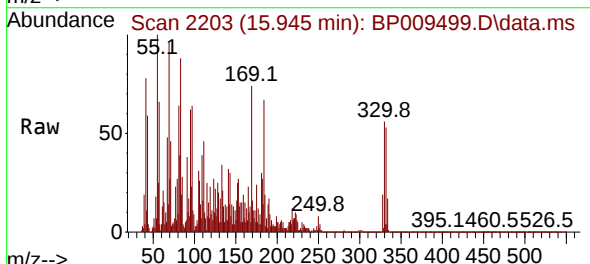
Instrument :
BNA_P
ClientSampleId :
UST-7-SOUTH-SIDEWALL

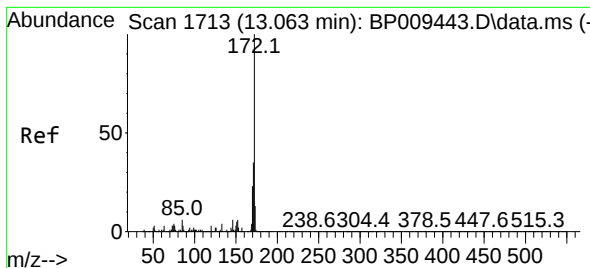
Tgt Ion:	237	Resp:	69
Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.6	82.6
272	22.1	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 5.452 ng
RT: 15.945 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BP009499.D
Acq: 22 Mar 2022 21:26

Tgt Ion:	330	Resp:	139843
Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	39.0	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 5.213 ng

RT: 13.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP009499.D

Acq: 22 Mar 2022 21:26

Instrument :

BNA_P

ClientSampleId :

UST-7-SOUTH-SIDEWALL

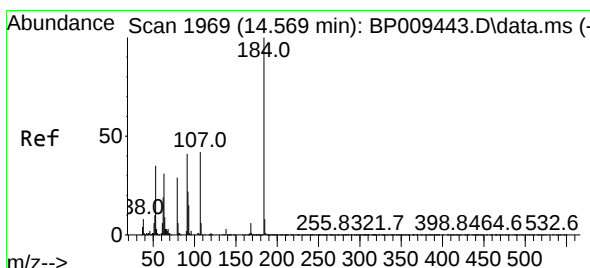
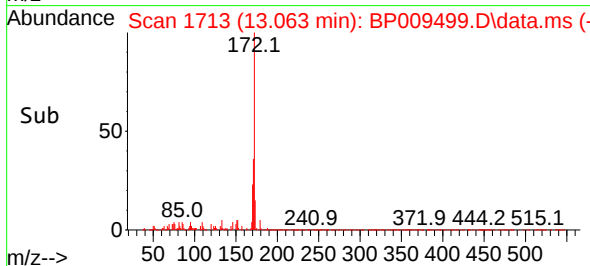
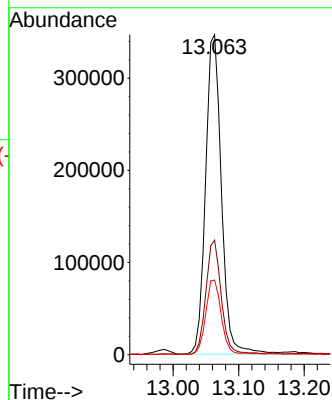
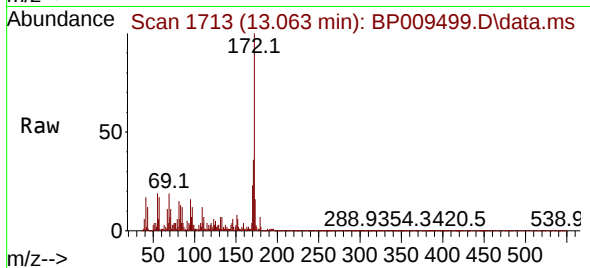
Tgt Ion:172 Resp: 584497

Ion Ratio Lower Upper

172 100

171 35.8 28.0 42.0

170 23.3 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.556 ng

RT: 14.593 min Scan# 1973

Delta R.T. 0.024 min

Lab File: BP009499.D

Acq: 22 Mar 2022 21:26

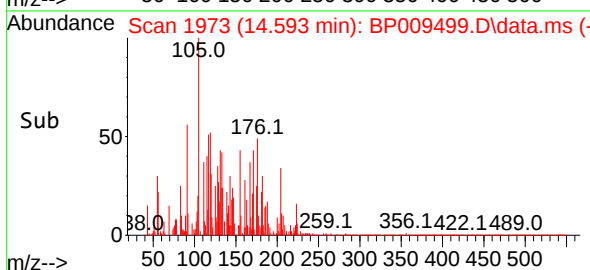
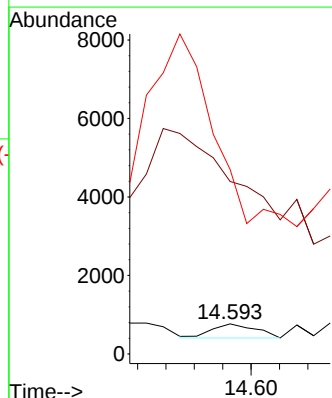
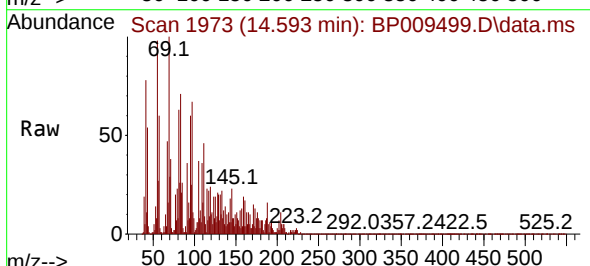
Tgt Ion:184 Resp: 386

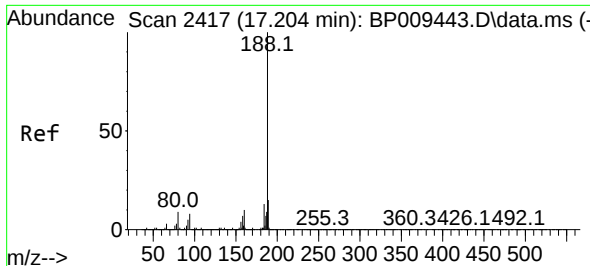
Ion Ratio Lower Upper

184 100

63 572.3 46.3 69.5#

154 612.2 45.8 68.6#

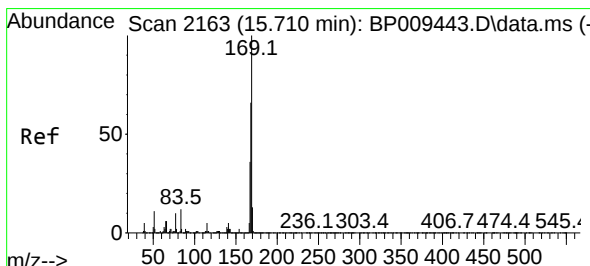
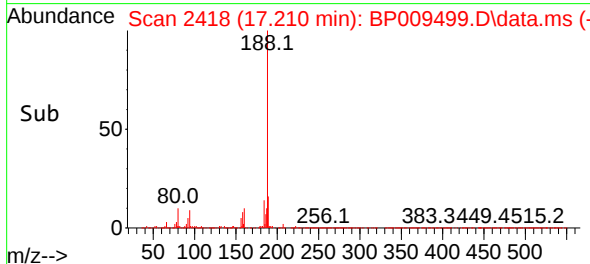
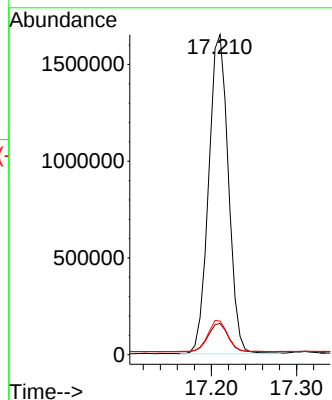
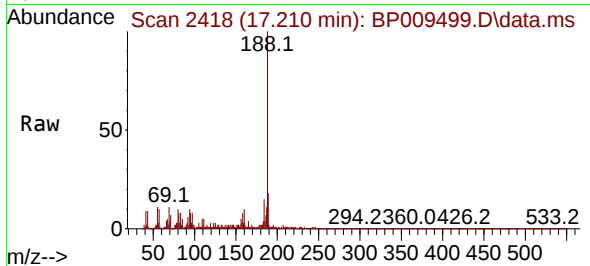




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BP009499.D
Acq: 22 Mar 2022 21:26

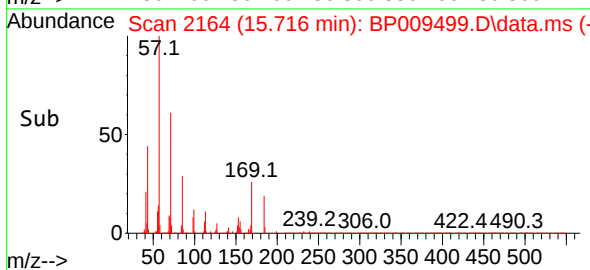
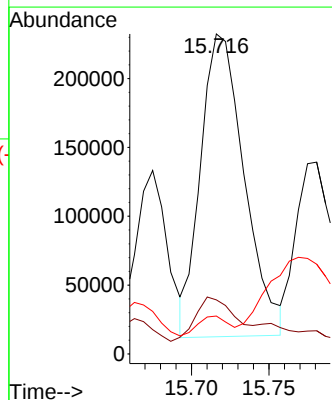
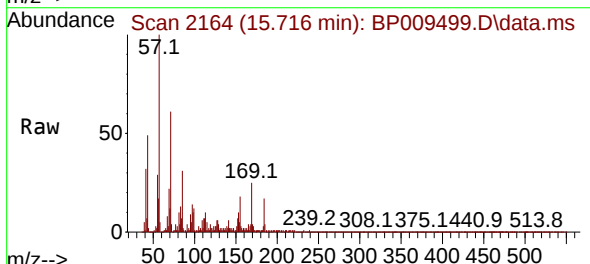
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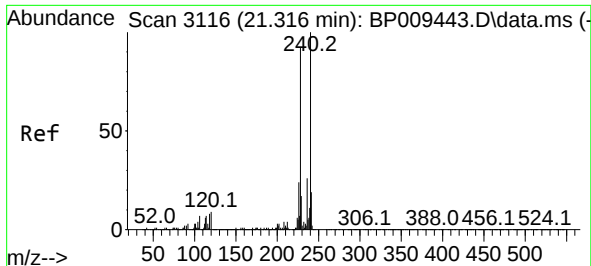
Tgt Ion:188 Resp: 2649798
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.5 8.8 13.2



#66
n-Nitrosodiphenylamine
Concen: 5.497 ng
RT: 15.716 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP009499.D
Acq: 22 Mar 2022 21:26

Tgt Ion:169 Resp: 431030
Ion Ratio Lower Upper
169 100
168 16.9 51.6 77.4#
167 11.8 29.0 43.4#

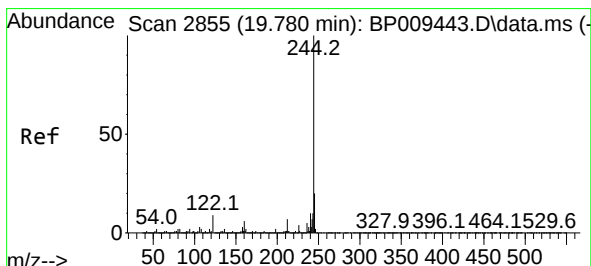
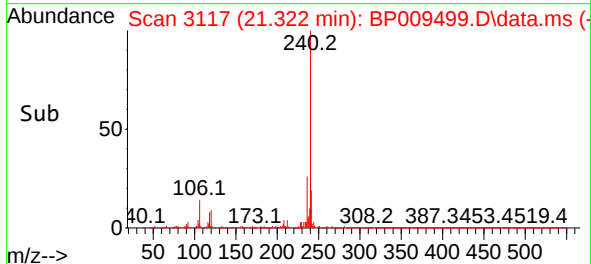
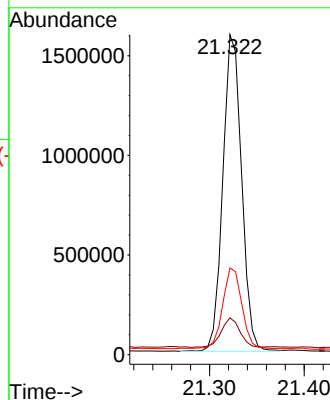
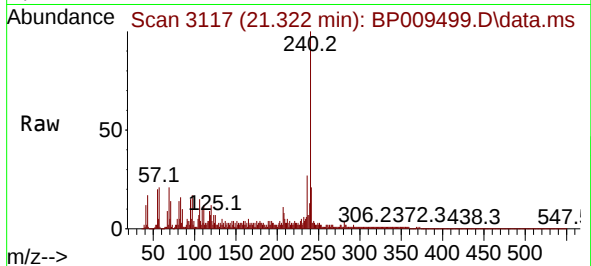




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BP009499.D
Acq: 22 Mar 2022 21:26

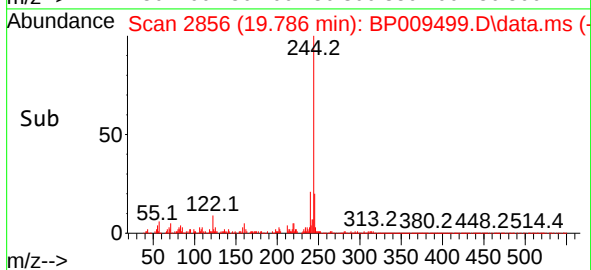
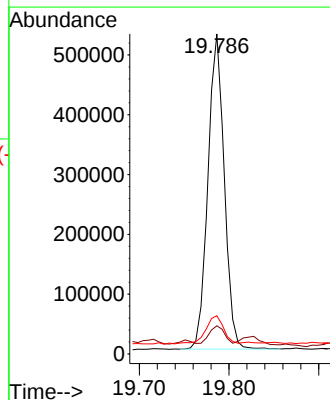
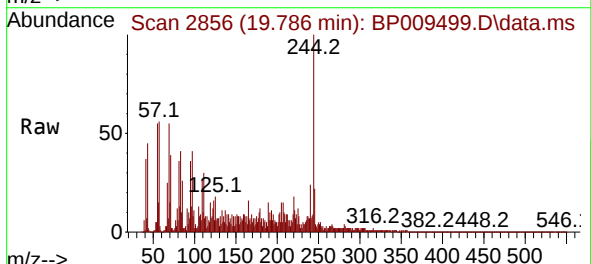
Instrument :
BNA_P
ClientSampleId :
UST-7-SOUTH-SIDEWALL

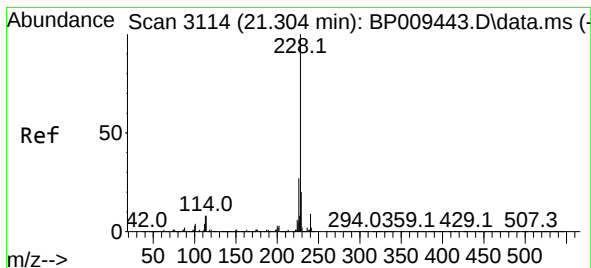
Tgt Ion:240 Resp: 2188860
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 27.1 20.6 30.8



#79
Terphenyl-d14
Concen: 5.462 ng
RT: 19.786 min Scan# 2856
Delta R.T. 0.006 min
Lab File: BP009499.D
Acq: 22 Mar 2022 21:26

Tgt Ion:244 Resp: 666132
Ion Ratio Lower Upper
244 100
212 8.8 5.8 8.6#
122 12.0 8.3 12.5





#81

Benzo(a)anthracene

Concen: 2.685 ng

RT: 21.339 min Scan# 3114

Delta R.T. 0.035 min

Lab File: BP009499.D

Acq: 22 Mar 2022 21:26

Instrument :

BNA_P

ClientSampleId :

UST-7-SOUTH-SIDEWALL

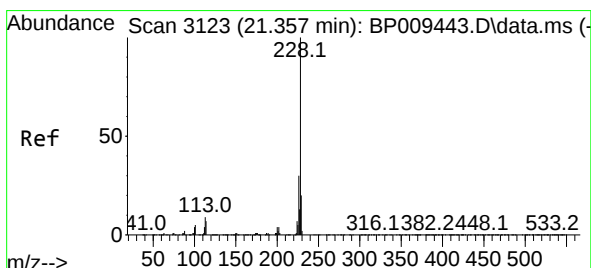
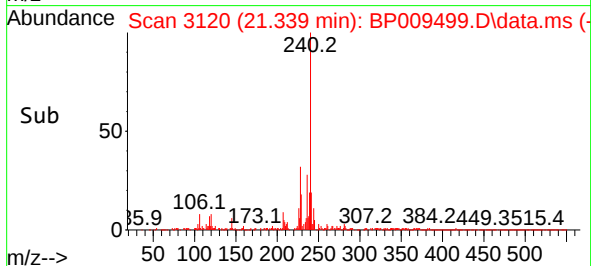
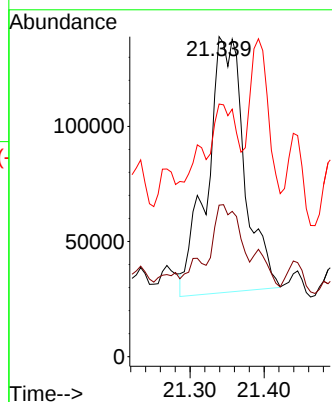
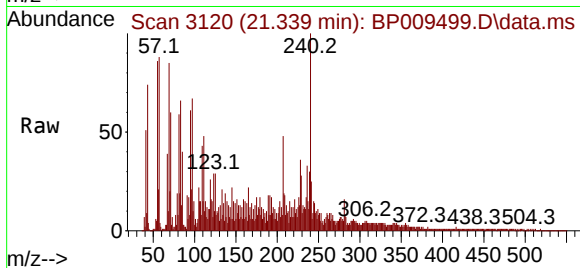
Tgt Ion:228 Resp: 386142

Ion Ratio Lower Upper

228 100

226 47.4 22.0 33.0#

229 78.9 16.1 24.1#



#83

Chrysene

Concen: 2.800 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.018 min

Lab File: BP009499.D

Acq: 22 Mar 2022 21:26

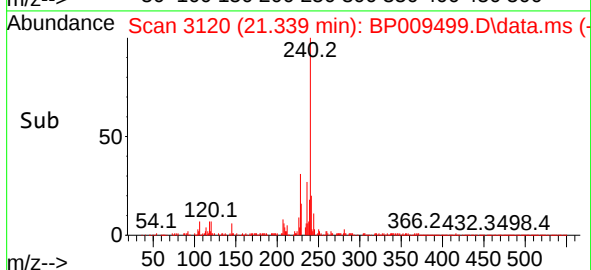
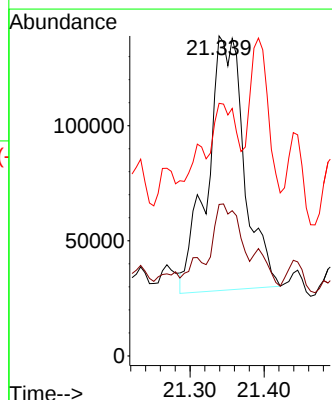
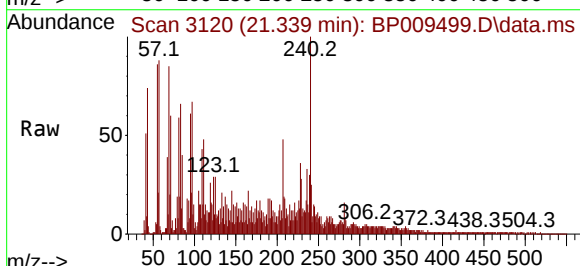
Tgt Ion:228 Resp: 381288

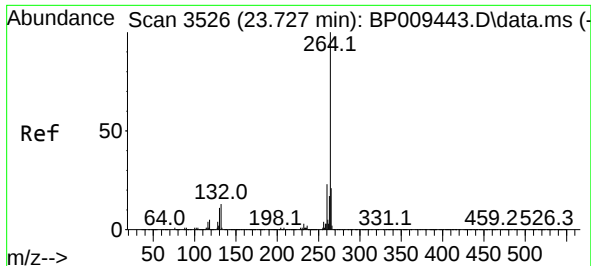
Ion Ratio Lower Upper

228 100

226 47.4 24.2 36.2#

229 78.9 16.1 24.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: BP009499.D
 Acq: 22 Mar 2022 21:26

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

Tgt Ion:264 Resp: 2421417
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.0
 265 23.6 17.2 25.8

