

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007141.D
 Acq On : 24 Sep 2021 00:27
 Operator : CG/JU
 Sample : M3889-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SUP-UST-03-(8-10)

Quant Time: Sep 24 01:03:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

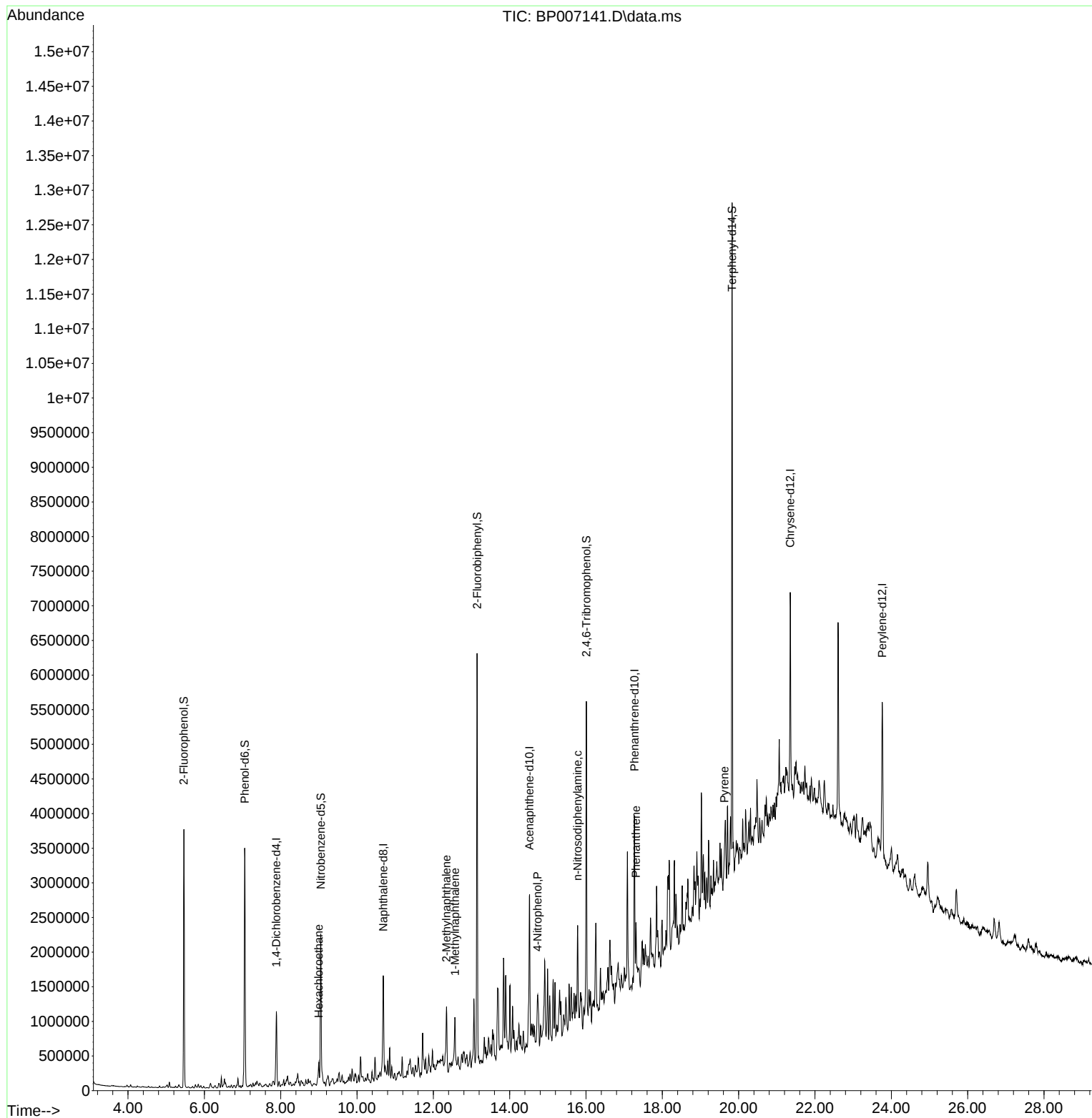
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	305426	20.000	ng	0.00
21) Naphthalene-d8	10.687	136	1176337	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	720093	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1440621	20.000	ng	# 0.00
76) Chrysene-d12	21.351	240	1465590	20.000	ng	# 0.00
86) Perylene-d12	23.763	264	1598653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	1742793	95.517	ng	0.00
7) Phenol-d6	7.058	99	2163690	86.764	ng	0.00
23) Nitrobenzene-d5	9.052	82	1260782	62.417	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	921850	98.745	ng	0.00
45) 2-Fluorobiphenyl	13.146	172	3176459	63.196	ng	0.00
79) Terphenyl-d14	19.828	244	4736214	61.926	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.999	117	26088	3.408	ng	# 1
37) 2-Methylnaphthalene	12.346	142	397062	9.445	ng	97
38) 1-Methylnaphthalene	12.569	142	314216	7.650	ng	98
56) 4-Nitrophenol	14.728	139	32270	3.475	ng	# 66
66) n-Nitrosodiphenylamine	15.781	169	169097	3.945	ng	# 48
71) Phenanthrene	17.310	178	490907	6.355	ng	# 96
78) Pyrene	19.628	202	243427	2.532	ng	# 88

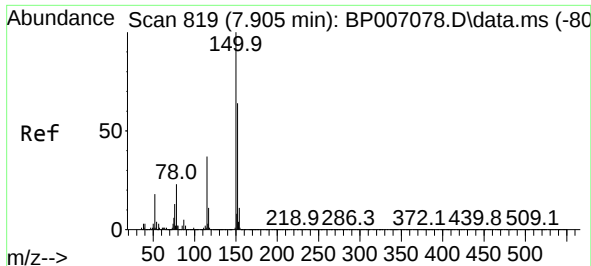
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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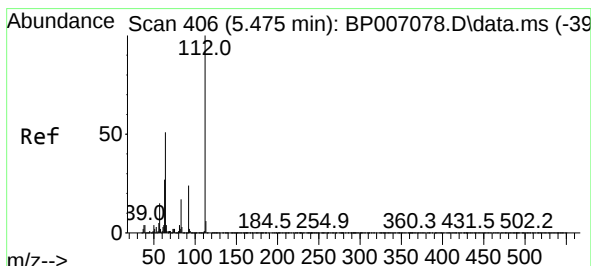
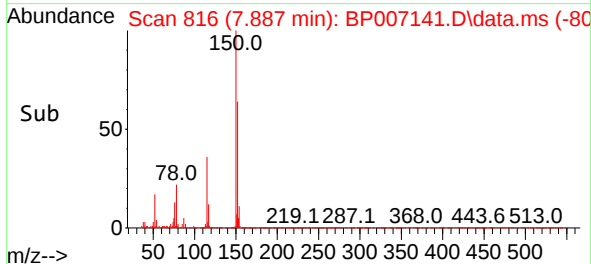
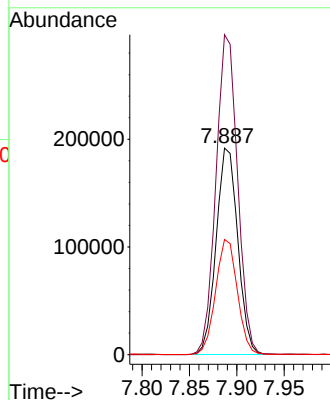
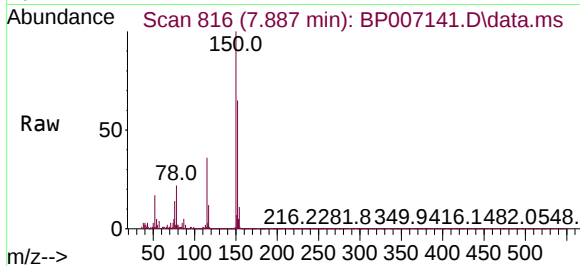




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

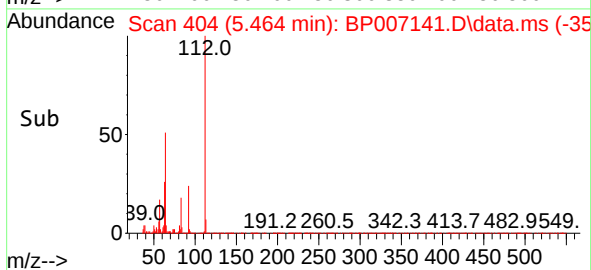
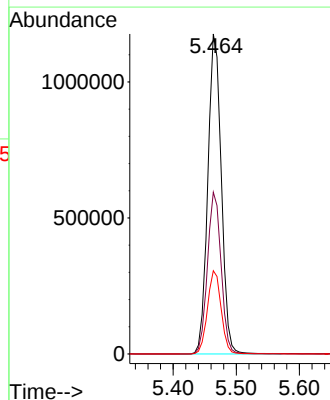
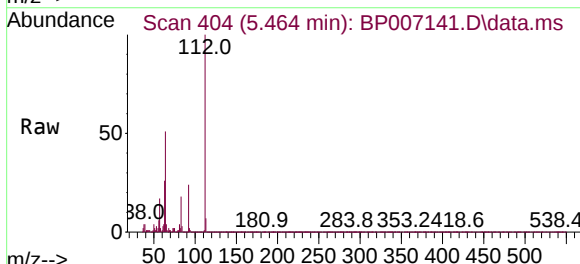
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

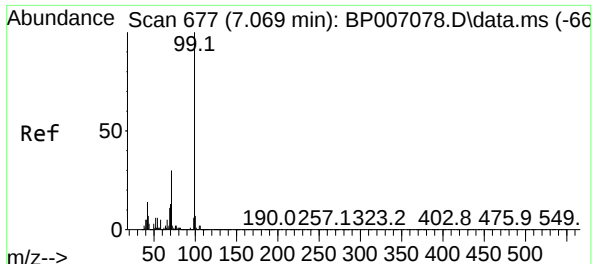
Tgt Ion:152 Resp: 305426
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 55.8 48.5 72.7



#5
2-Fluorophenol
Concen: 95.517 ng
RT: 5.464 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

Tgt Ion:112 Resp: 1742793
Ion Ratio Lower Upper
112 100
64 50.6 41.4 62.2
63 26.0 23.8 35.8

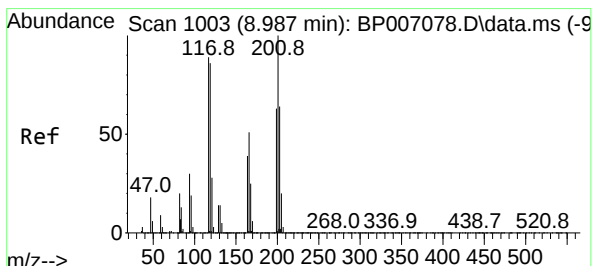
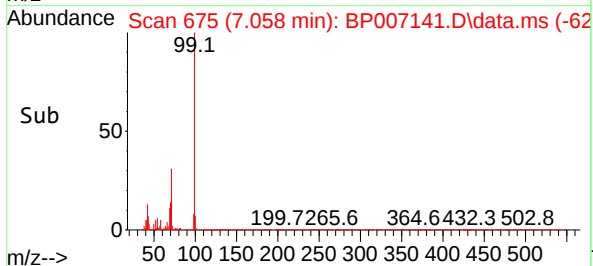
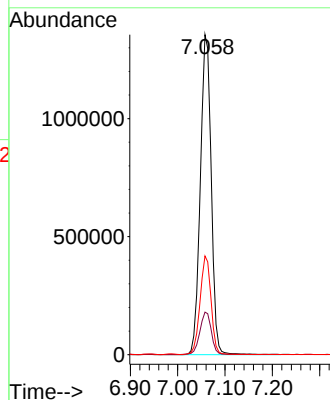
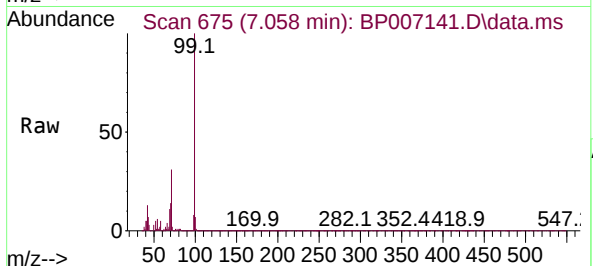




#7
Phenol-d6
Concen: 86.764 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

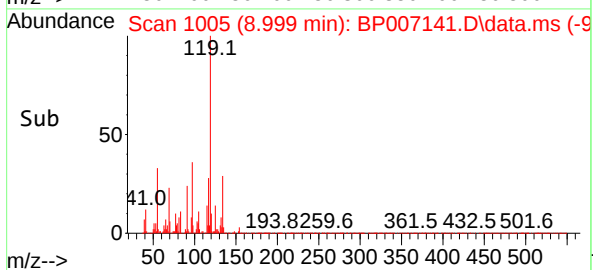
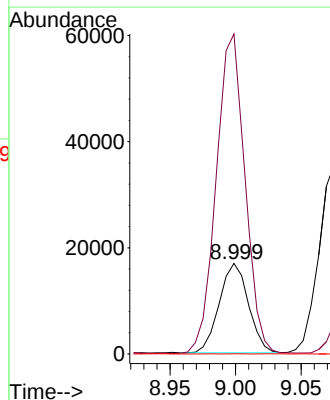
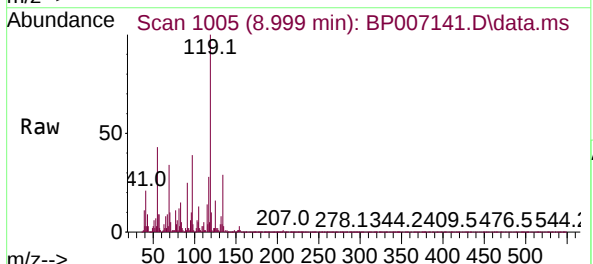
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

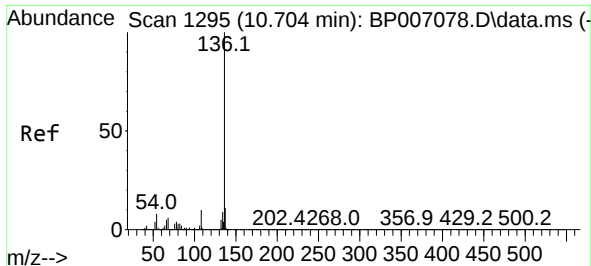
Tgt Ion: 99 Resp: 2163690
Ion Ratio Lower Upper
99 100
42 13.3 13.4 20.0#
71 30.9 30.6 46.0



#18
Hexachloroethane
Concen: 3.408 ng
RT: 8.999 min Scan# 1005
Delta R.T. 0.023 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

Tgt Ion: 117 Resp: 26088
Ion Ratio Lower Upper
117 100
119 353.4 76.2 114.2#
201 0.2 83.4 125.0#

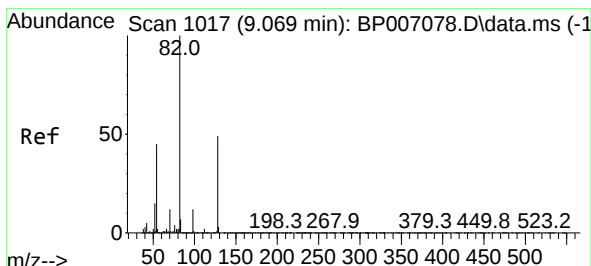
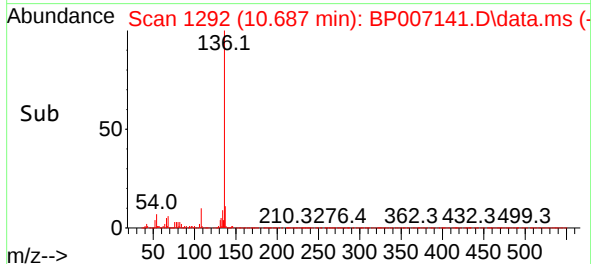
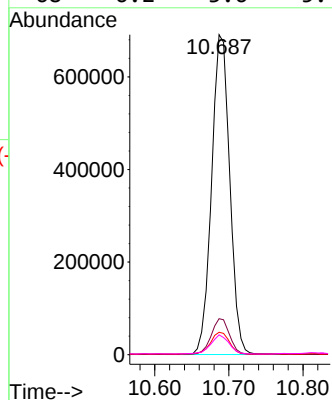
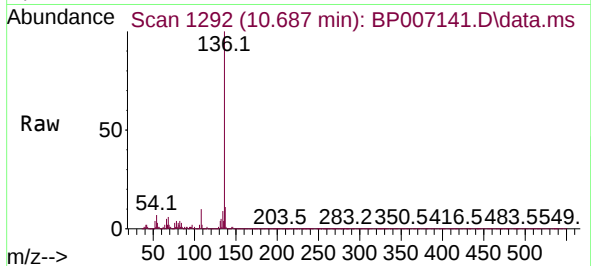




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

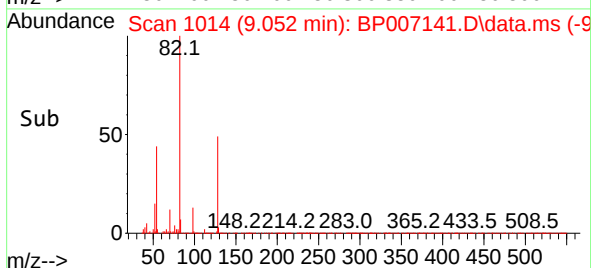
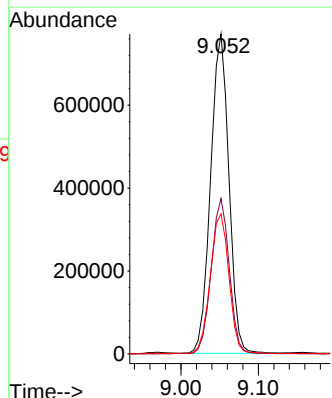
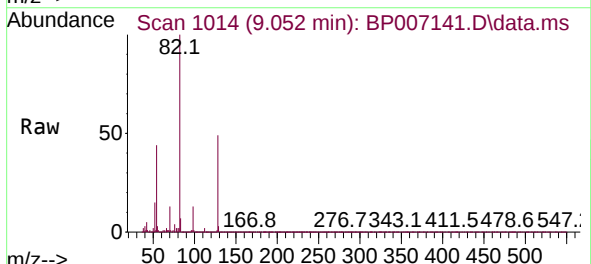
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

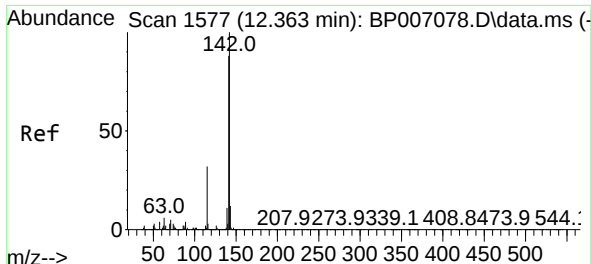
Tgt Ion:136 Resp: 1176337
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 7.0 4.6 6.8#
68 6.2 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 62.417 ng
RT: 9.052 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

Tgt Ion: 82 Resp: 1260782
Ion Ratio Lower Upper
82 100
128 48.5 35.7 53.5
54 43.8 35.0 52.4

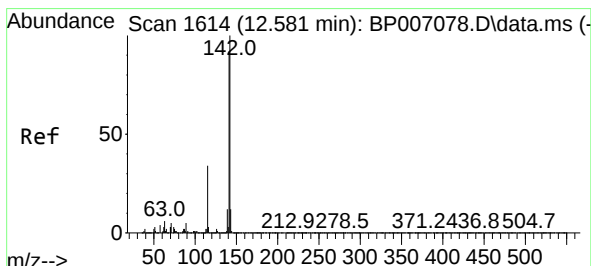
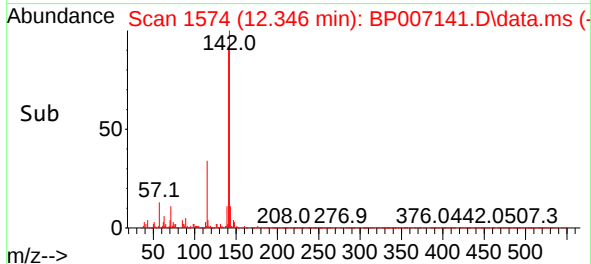
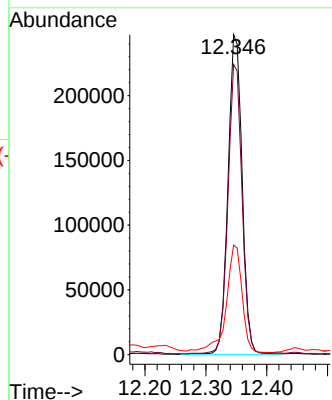
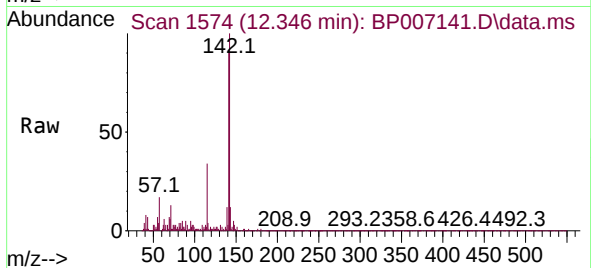




#37
2-Methylnaphthalene
Concen: 9.445 ng
RT: 12.346 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

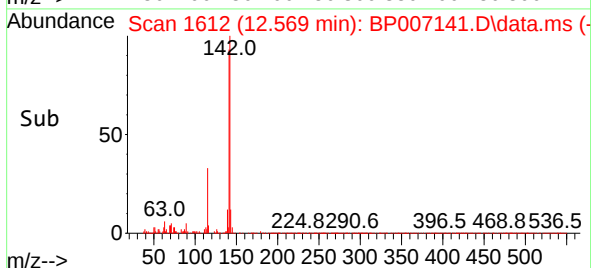
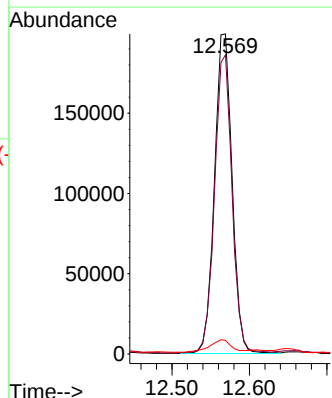
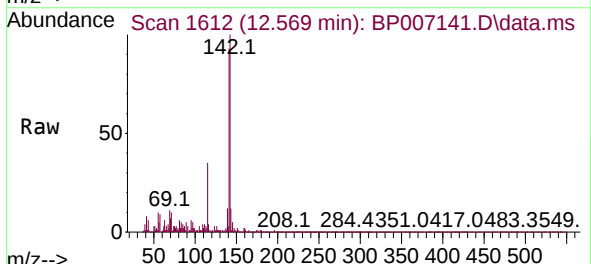
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

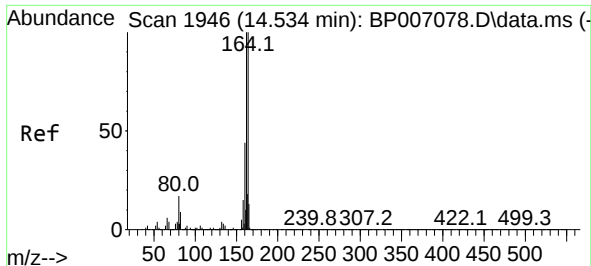
Tgt Ion:142 Resp: 397062
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.6
115 34.3 31.6 47.4



#38
1-Methylnaphthalene
Concen: 7.650 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

Tgt Ion:142 Resp: 314216
Ion Ratio Lower Upper
142 100
141 93.5 73.3 109.9
116 4.3 3.5 5.3

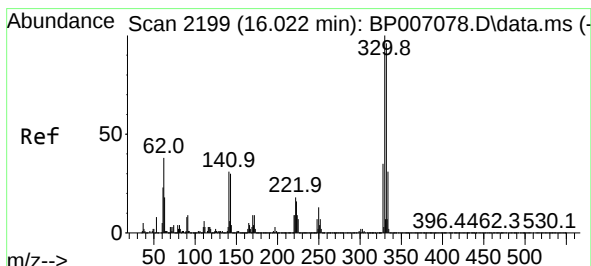
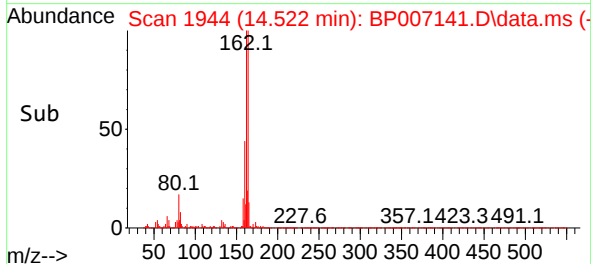
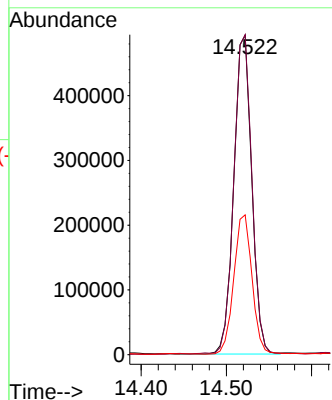
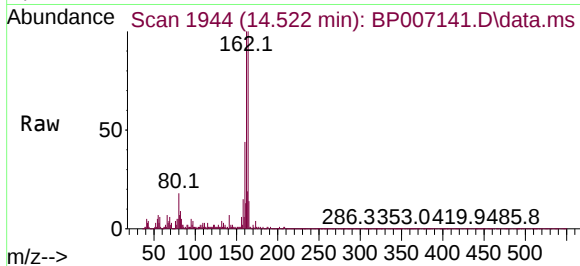




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

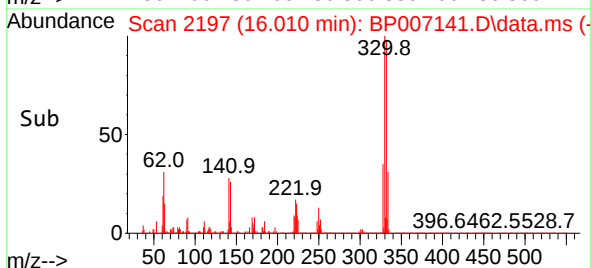
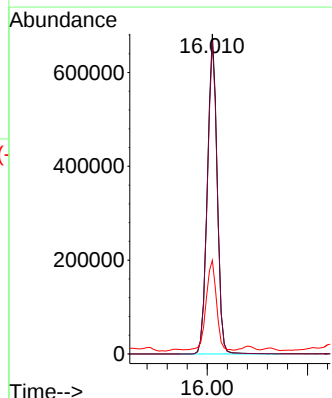
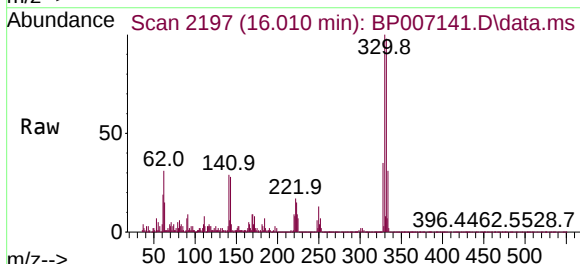
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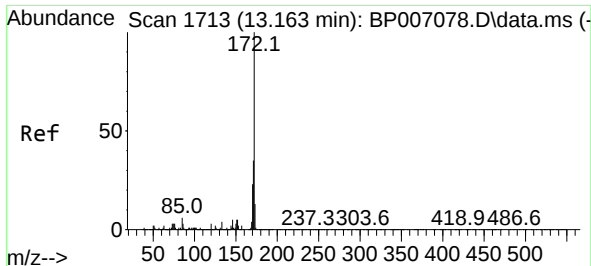
Tgt Ion:164 Resp: 720093
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 43.8 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 98.745 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

Tgt Ion:330 Resp: 921850
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 29.5 25.4 38.2

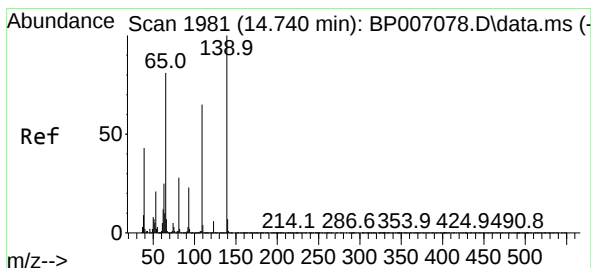
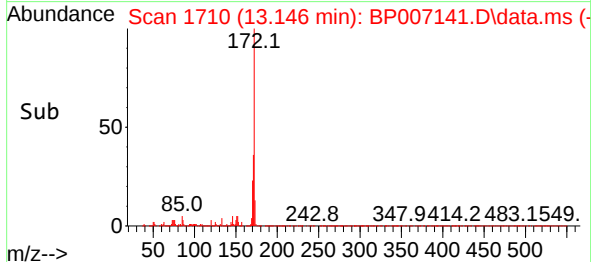
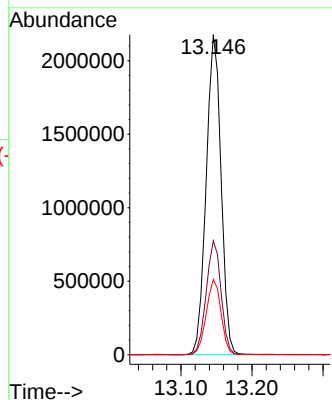
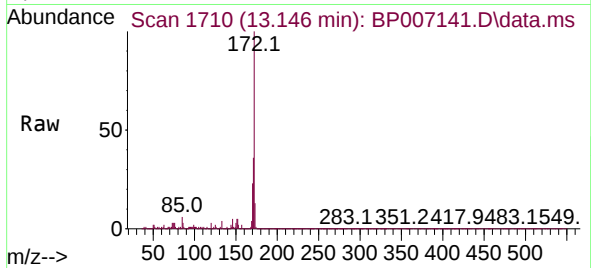




#45
2-Fluorobiphenyl
Concen: 63.196 ng
RT: 13.146 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

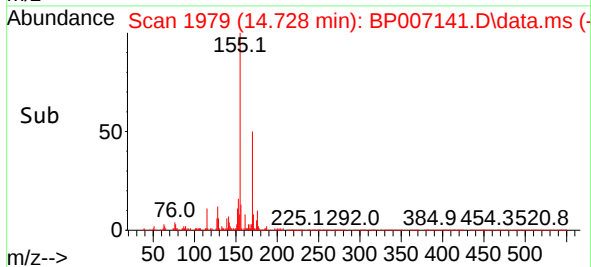
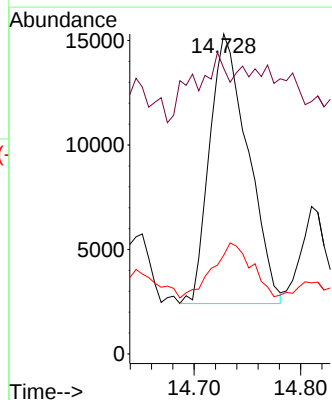
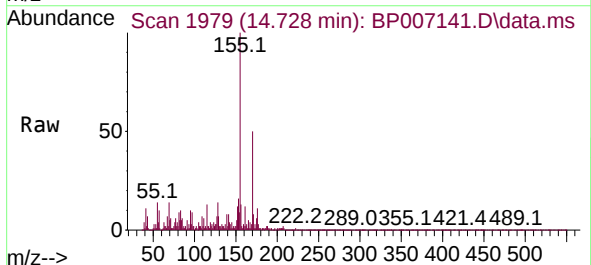
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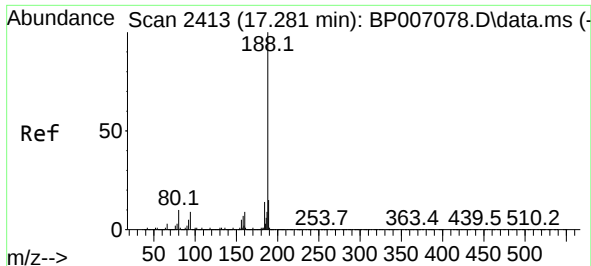
Tgt Ion:172 Resp: 3176459
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.5 18.6 27.8



#56
4-Nitrophenol
Concen: 3.475 ng
RT: 14.728 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

Tgt Ion:139 Resp: 32270
Ion Ratio Lower Upper
139 100
109 89.3 72.3 112.3
65 30.8 72.5 112.5#

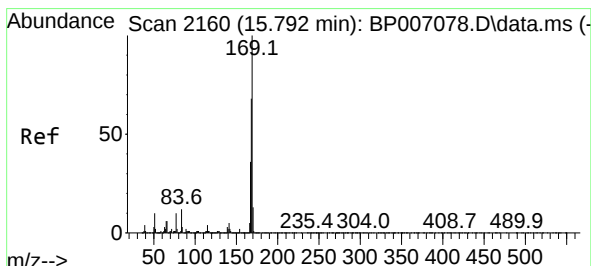
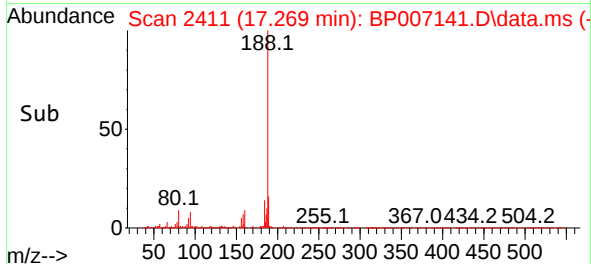
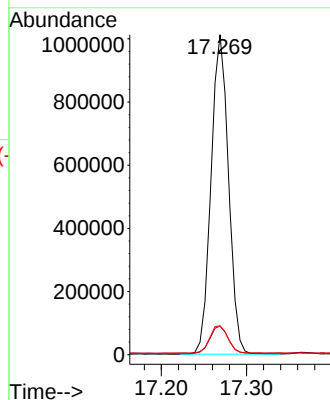
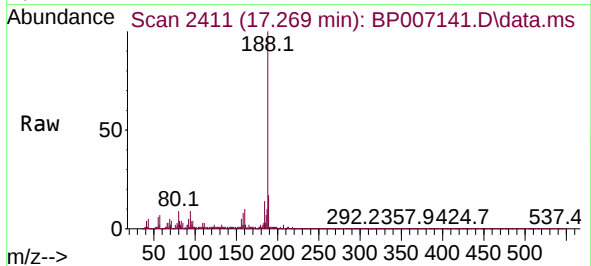




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

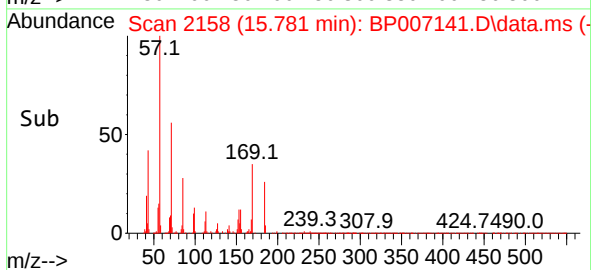
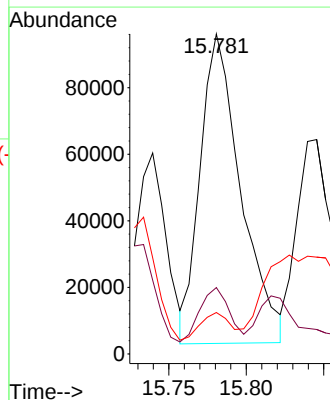
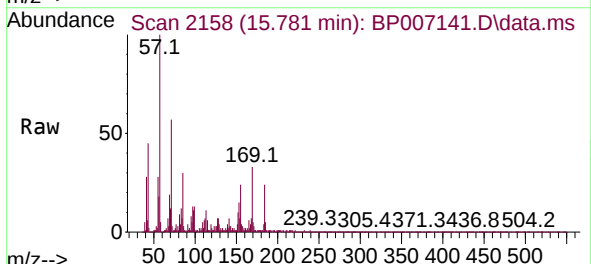
Instrument :
BNA_P
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SUP-UST-03-(8-10)

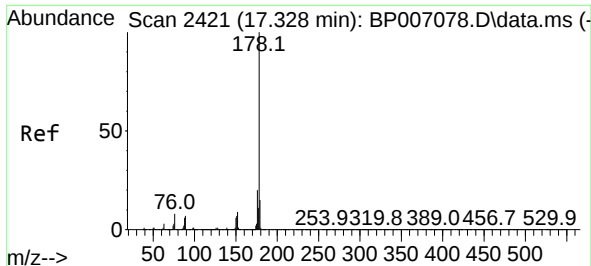
Tgt Ion:188 Resp: 1440621
Ion Ratio Lower Upper
188 100
94 8.9 5.6 8.4#
80 9.0 6.3 9.5



#66
n-Nitrosodiphenylamine
Concen: 3.945 ng
RT: 15.781 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

Tgt Ion:169 Resp: 169097
Ion Ratio Lower Upper
169 100
168 20.8 54.4 81.6#
167 12.9 29.0 43.6#

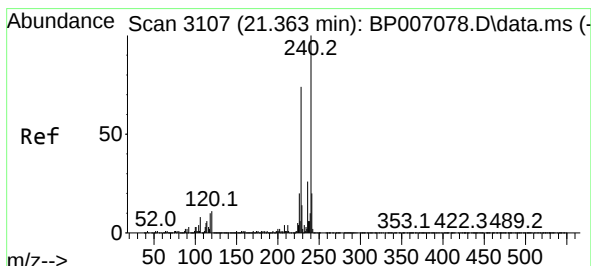
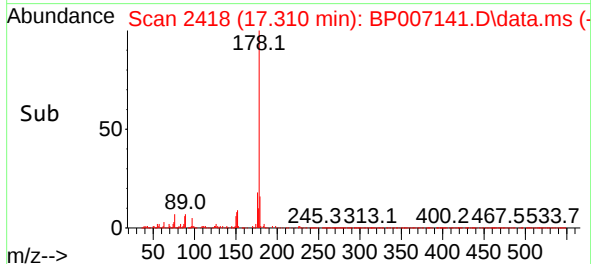
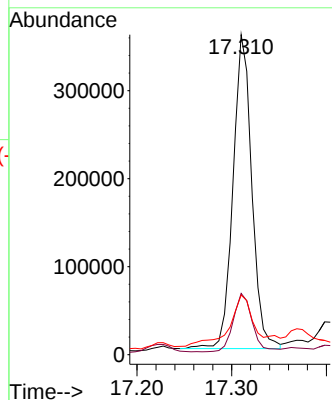
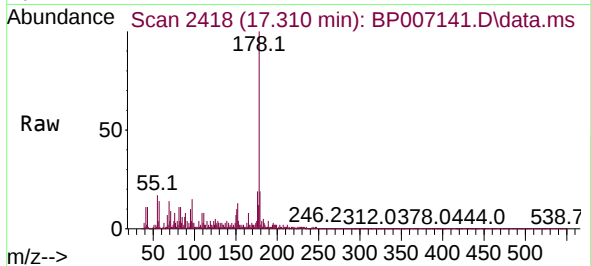




#71
Phenanthrene
Concen: 6.355 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

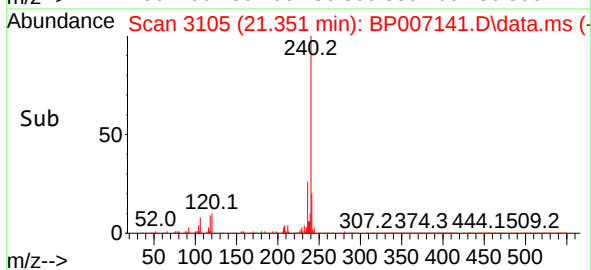
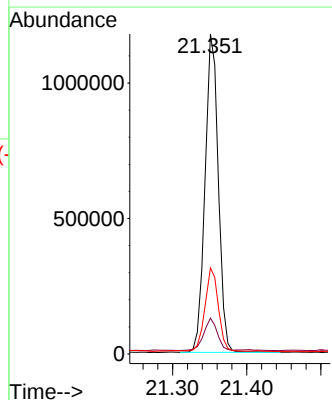
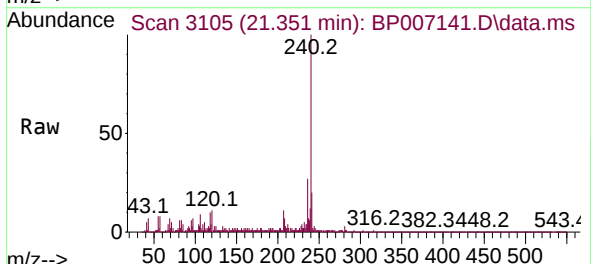
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

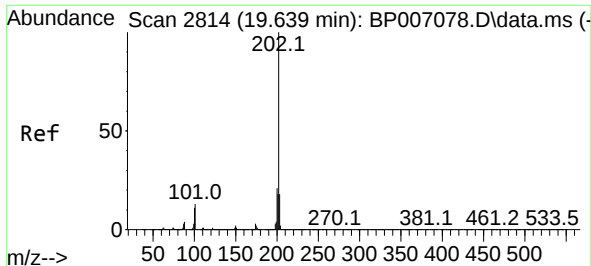
Tgt Ion:178 Resp: 490907
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 18.6 12.4 18.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

Tgt Ion:240 Resp: 1465590
Ion Ratio Lower Upper
240 100
120 11.2 6.5 9.7#
236 26.9 20.6 31.0

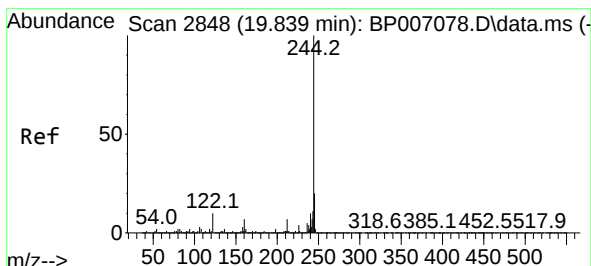
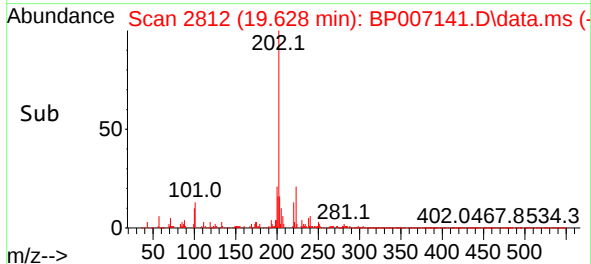
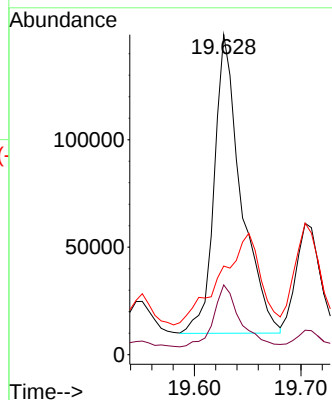
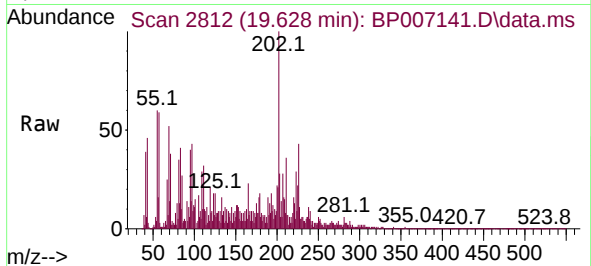




#78
Pyrene
Concen: 2.532 ng
RT: 19.628 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

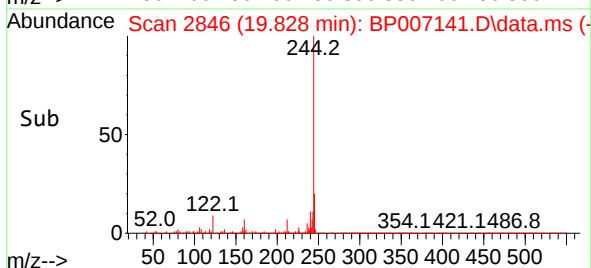
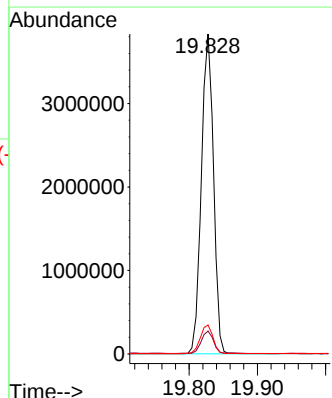
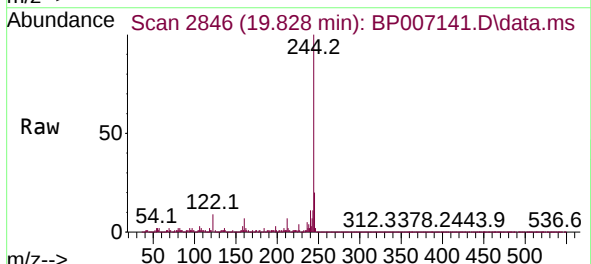
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

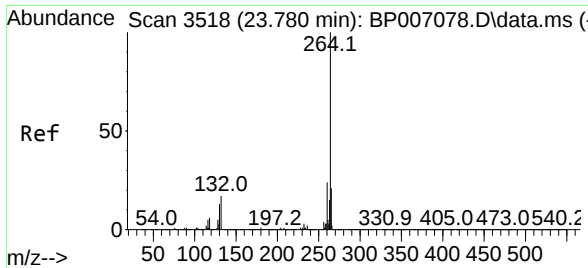
Tgt Ion:202 Resp: 243427
Ion Ratio Lower Upper
202 100
200 21.8 16.3 24.5
203 27.7 14.2 21.2#



#79
Terphenyl-d14
Concen: 61.926 ng
RT: 19.828 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

Tgt Ion:244 Resp: 4736214
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.0 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BP007141.D
Acq: 24 Sep 2021 00:27

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

Tgt Ion:264 Resp: 1598653

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	22.6	17.6	26.4

