

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007145.D
 Acq On : 24 Sep 2021 02:42
 Operator : CG/JU
 Sample : M3889-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SUP-UST-03-(5-7)

Quant Time: Sep 24 04:10:30 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)

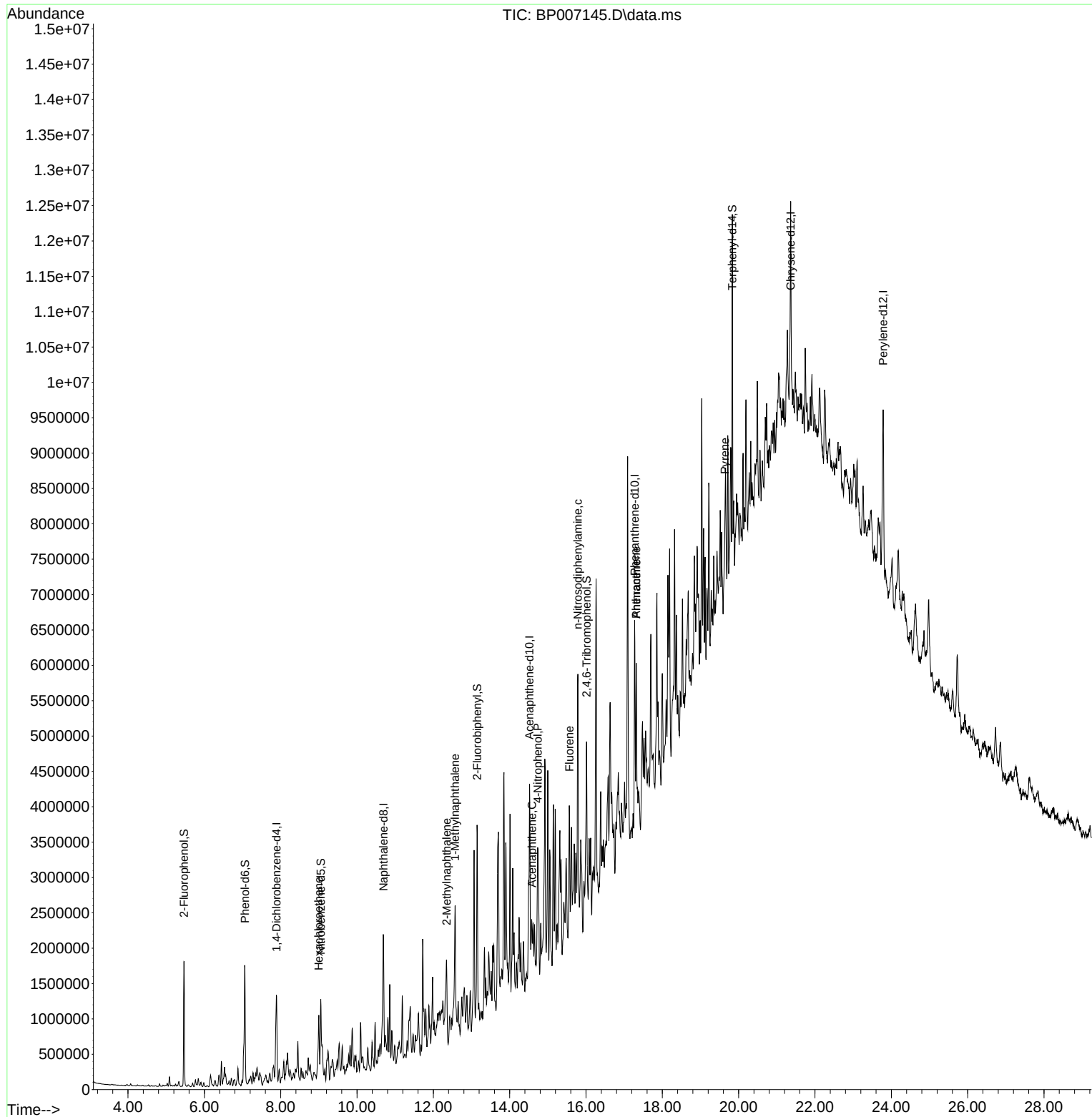
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	343163	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1301640	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	789096	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1562479	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1599650	20.000	ng	# 0.00
86) Perylene-d12	23.786	264	1790600	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	838105	40.883	ng	0.00
7) Phenol-d6	7.063	99	1038783	37.074	ng	0.00
23) Nitrobenzene-d5	9.052	82	621170	27.792	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	442425	43.247	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	1559148	28.307	ng	0.00
79) Terphenyl-d14	19.833	244	2325464	27.857	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.999	117	64349	7.481	ng	# 1
37) 2-Methylnaphthalene	12.351	142	399940	8.598	ng	96
38) 1-Methylnaphthalene	12.569	142	783253	17.233	ng	98
52) Acenaphthene	14.587	154	88926	2.096	ng	# 88
56) 4-Nitrophenol	14.734	139	77491	7.615	ng	# 66
58) Fluorene	15.569	166	255054	4.664	ng	# 84
66) n-Nitrosodiphenylamine	15.787	169	406976	8.754	ng	# 48
71) Phenanthrene	17.316	178	1380940	16.483	ng	97
72) Anthracene	17.316	178	1380940	16.850	ng	96
78) Pyrene	19.639	202	338944	3.230	ng	# 73

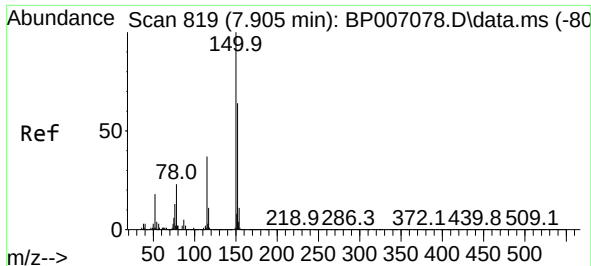
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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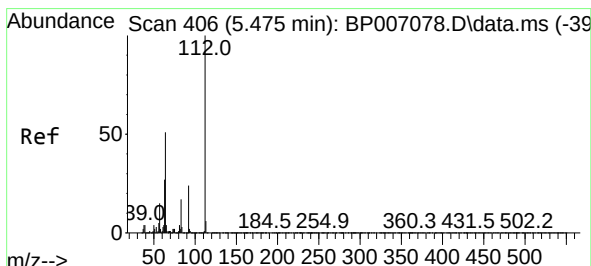
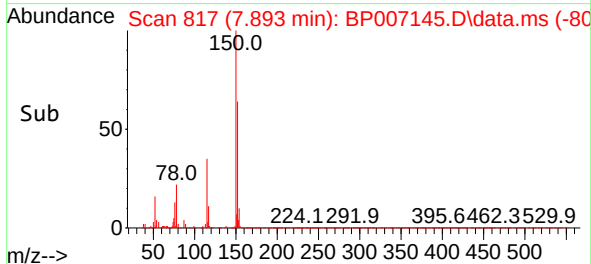
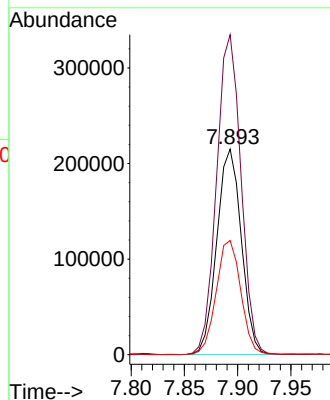
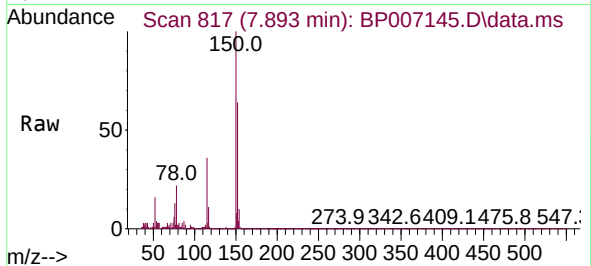




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

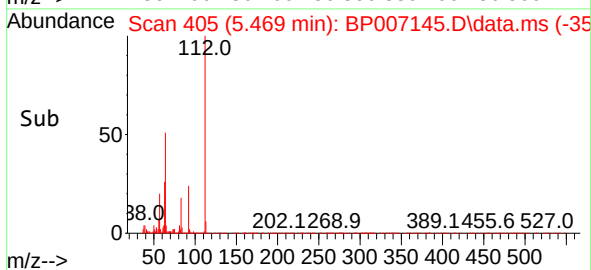
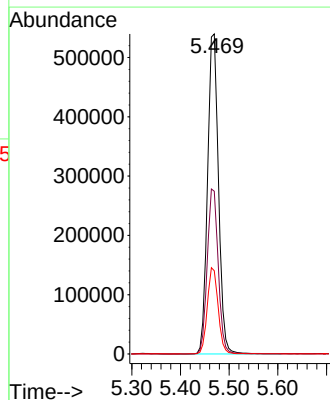
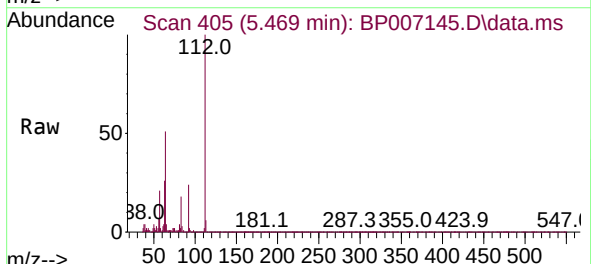
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

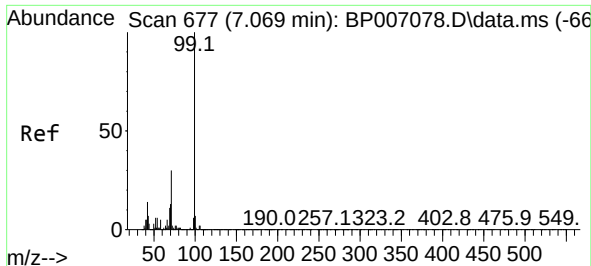
Tgt Ion:152 Resp: 343163
Ion Ratio Lower Upper
152 100
150 155.6 125.6 188.4
115 55.6 48.5 72.7



#5
2-Fluorophenol
Concen: 40.883 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Tgt Ion:112 Resp: 838105
Ion Ratio Lower Upper
112 100
64 50.8 41.4 62.2
63 26.0 23.8 35.8

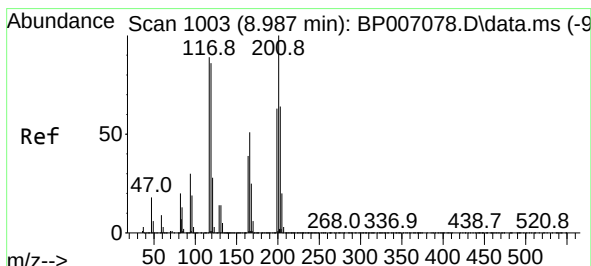
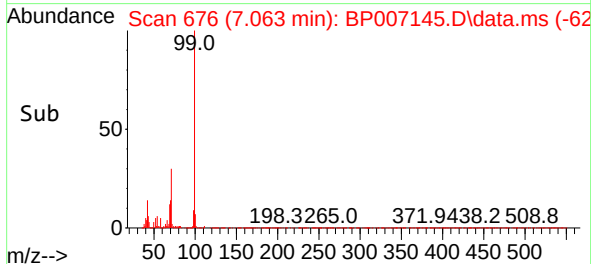
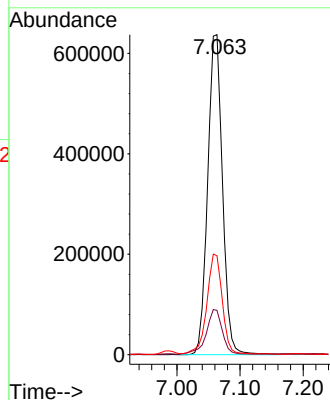
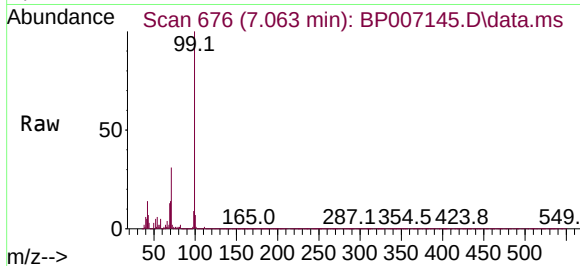




#7
Phenol-d6
Concen: 37.074 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

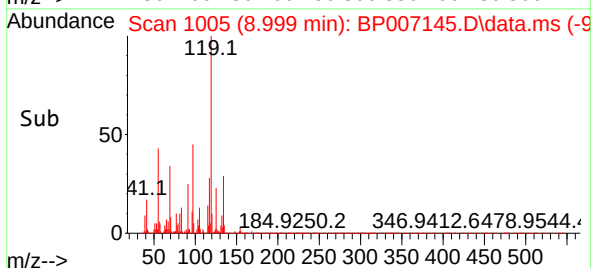
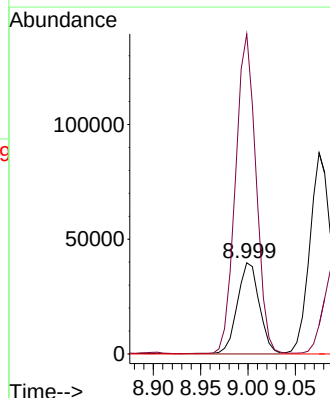
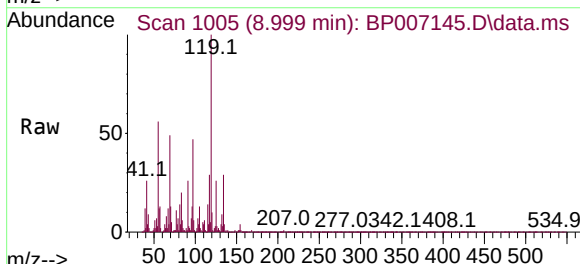
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

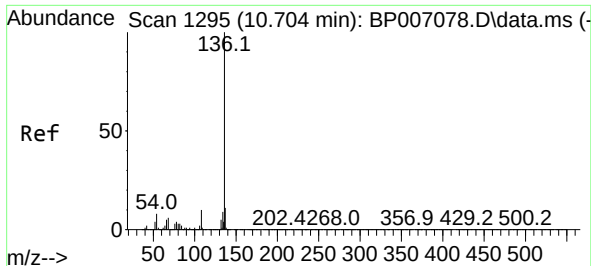
Tgt Ion: 99 Resp: 1038783
Ion Ratio Lower Upper
99 100
42 13.8 13.4 20.0
71 30.9 30.6 46.0



#18
Hexachloroethane
Concen: 7.481 ng
RT: 8.999 min Scan# 1005
Delta R.T. 0.023 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Tgt Ion: 117 Resp: 64349
Ion Ratio Lower Upper
117 100
119 350.7 76.2 114.2#
201 0.0 83.4 125.0#



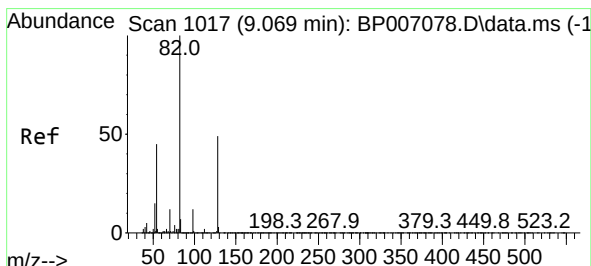
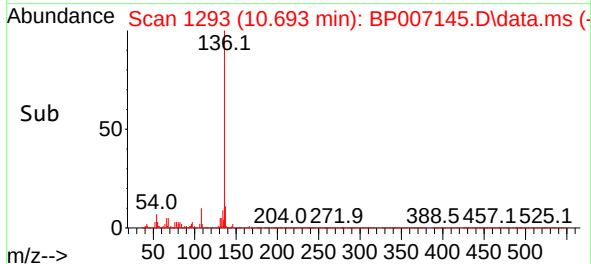
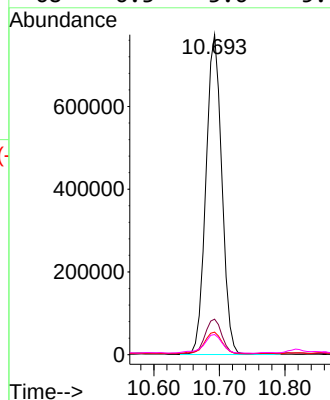
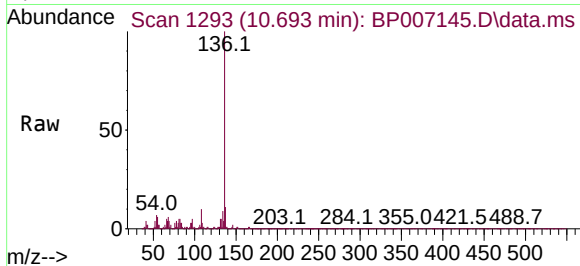


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

Tgt Ion:136 Resp: 1301640

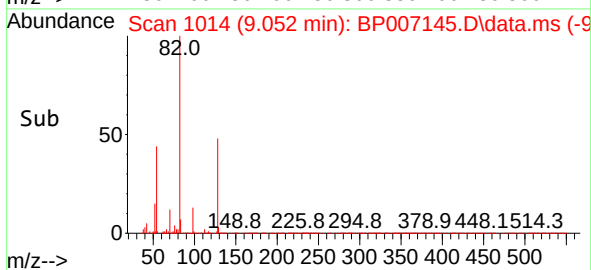
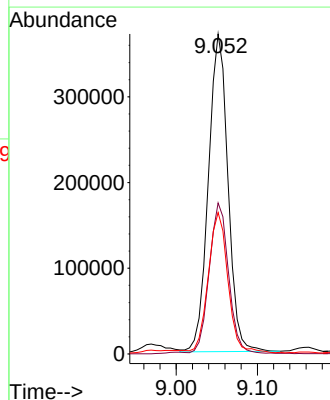
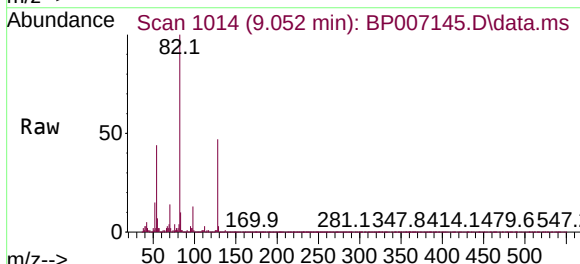
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.0	4.6	6.8#
68	6.3	3.6	5.4#

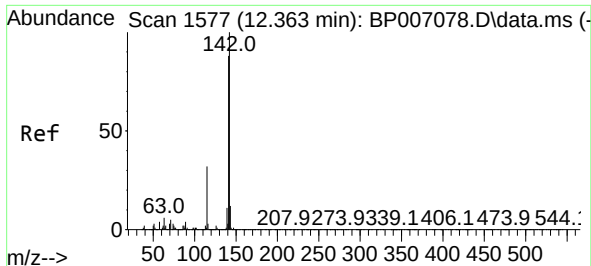


#23
Nitrobenzene-d5
Concen: 27.792 ng
RT: 9.052 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Tgt Ion: 82 Resp: 621170

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.7	53.5
54	44.2	35.0	52.4

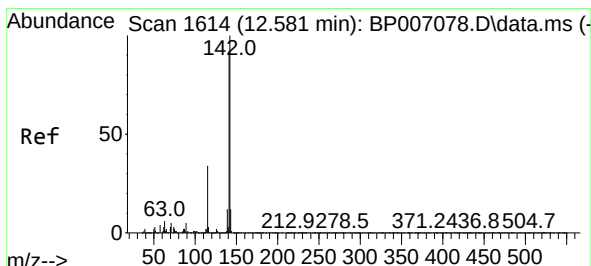
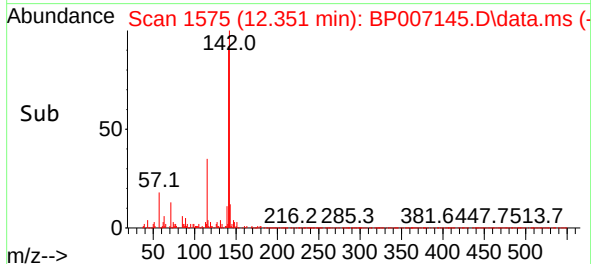
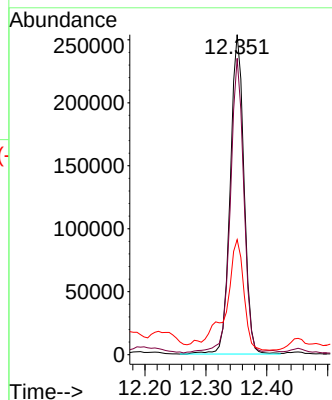
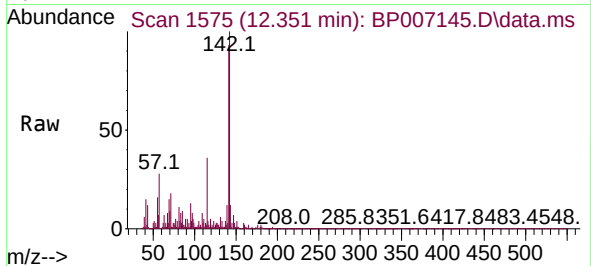




#37
2-Methylnaphthalene
Concen: 8.598 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

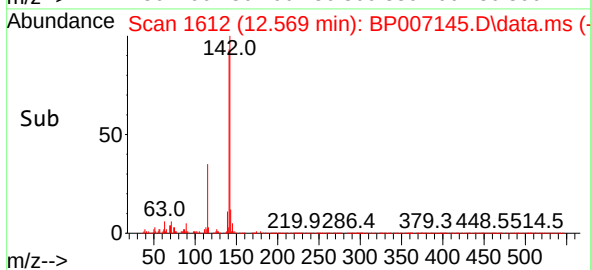
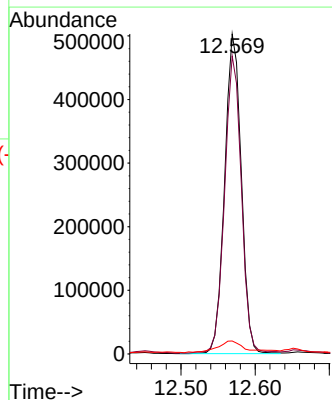
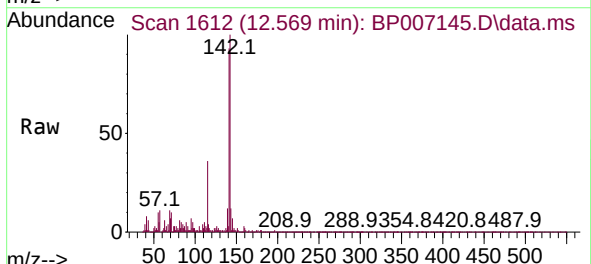
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

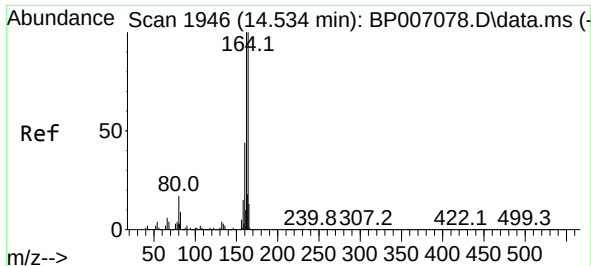
Tgt Ion:142 Resp: 399940
Ion Ratio Lower Upper
142 100
141 92.6 71.8 107.6
115 35.9 31.6 47.4



#38
1-Methylnaphthalene
Concen: 17.233 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Tgt Ion:142 Resp: 783253
Ion Ratio Lower Upper
142 100
141 93.1 73.3 109.9
116 4.1 3.5 5.3

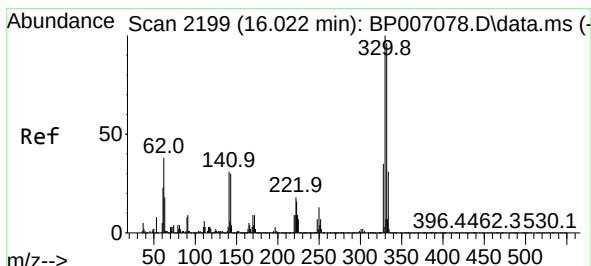
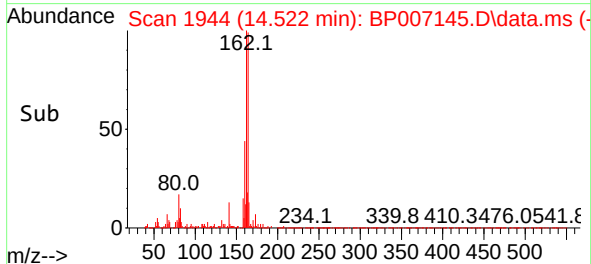
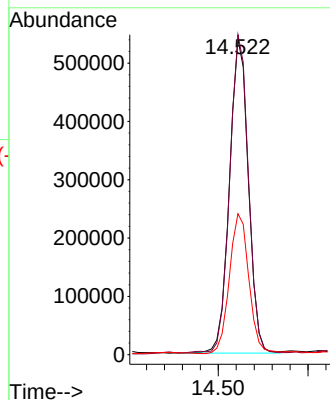
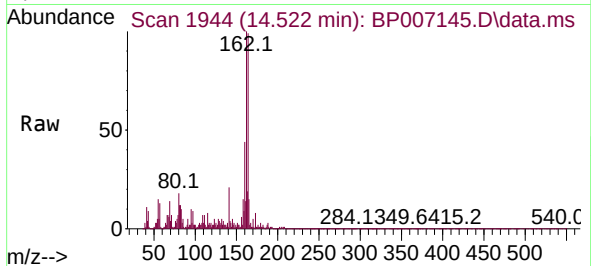




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

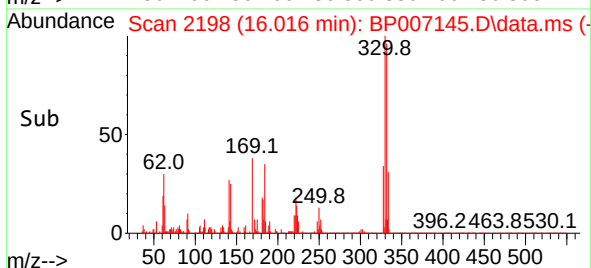
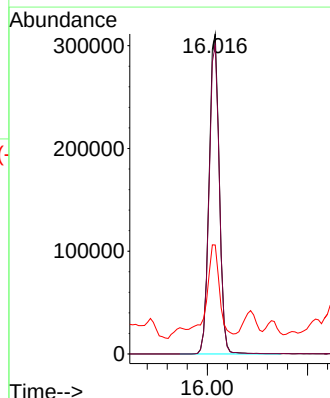
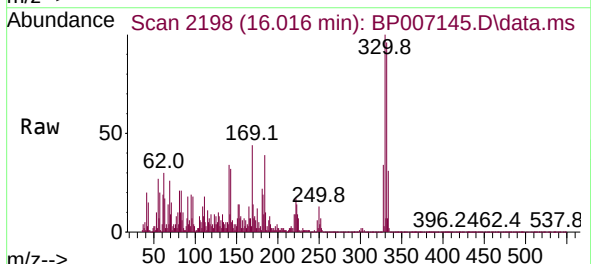
Instrument :
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ClientSampleId :
SUP-UST-03-(5-7)

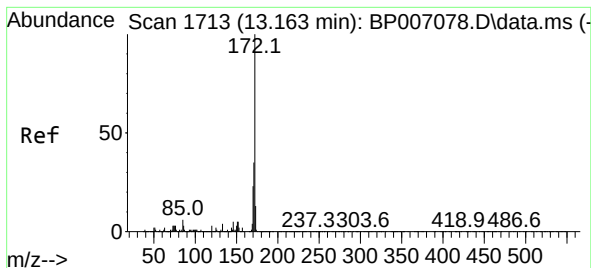
Tgt Ion:164 Resp: 789096
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 44.7 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 43.247 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Tgt Ion:330 Resp: 442425
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 32.6 25.4 38.2

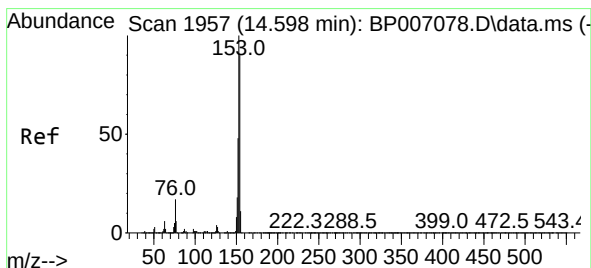
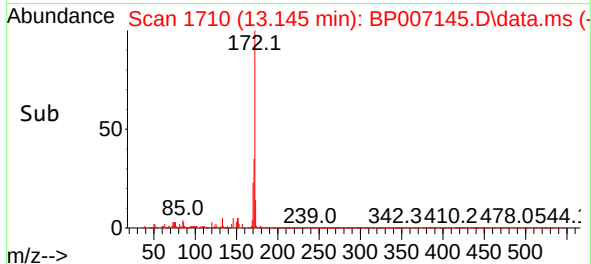
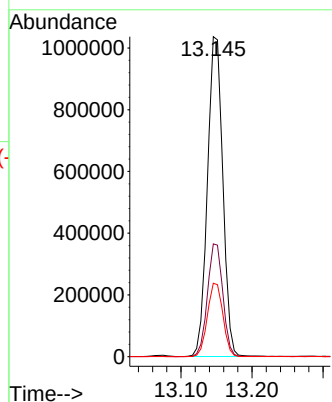
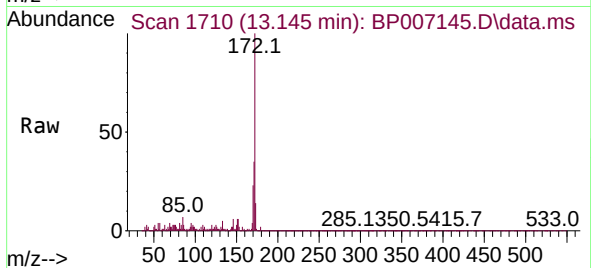




#45
2-Fluorobiphenyl
Concen: 28.307 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

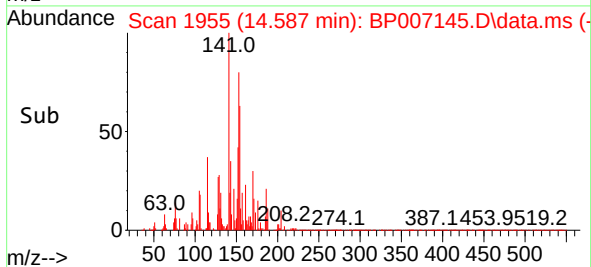
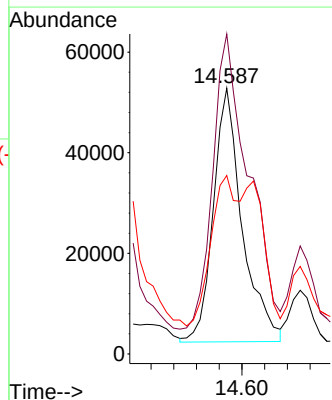
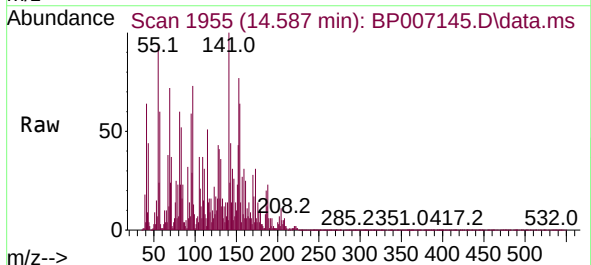
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SUP-UST-03-(5-7)

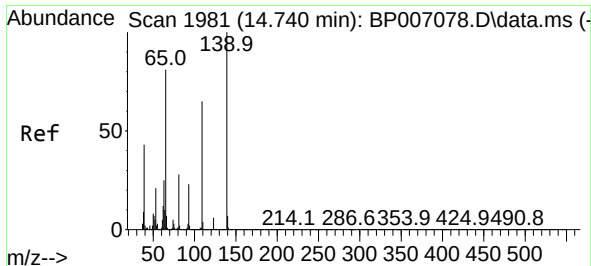
Tgt Ion:172 Resp: 1559148
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.9 18.6 27.8



#52
Acenaphthene
Concen: 2.096 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Tgt Ion:154 Resp: 88926
Ion Ratio Lower Upper
154 100
153 120.4 89.4 134.2
152 67.2 43.0 64.4#

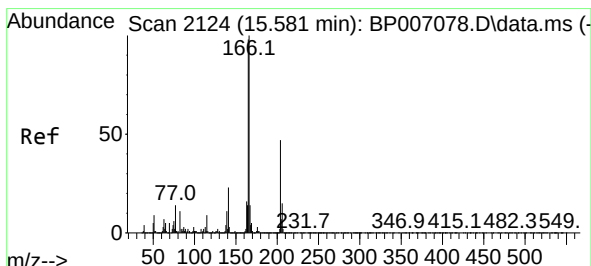
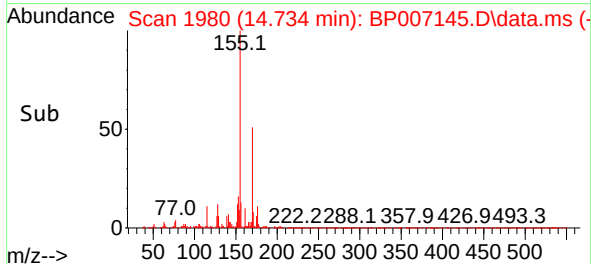
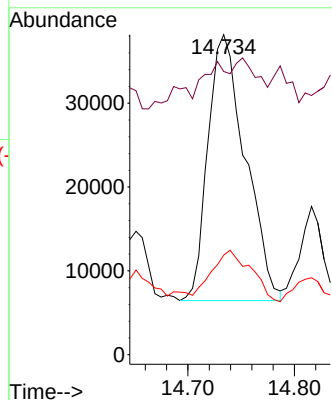
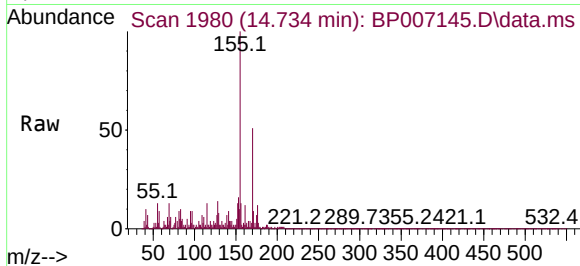




#56
4-Nitrophenol
Concen: 7.615 ng
RT: 14.734 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

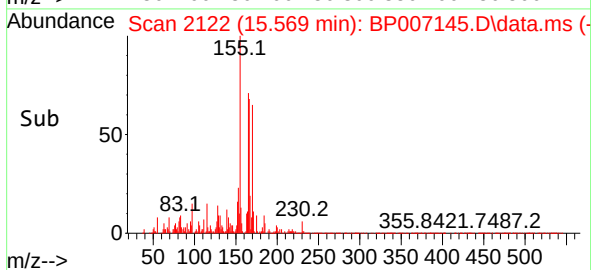
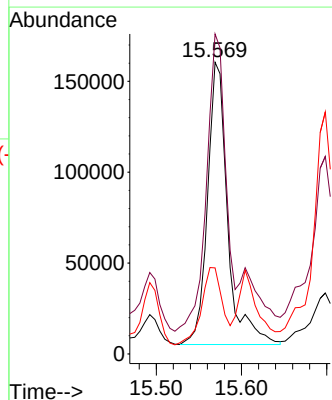
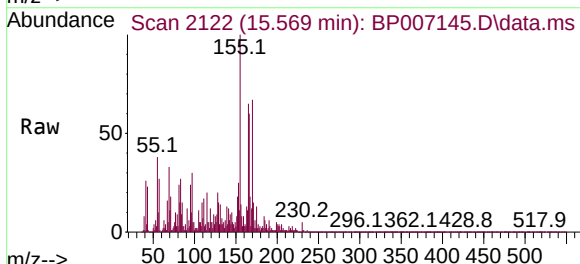
Instrument :
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SUP-UST-03-(5-7)

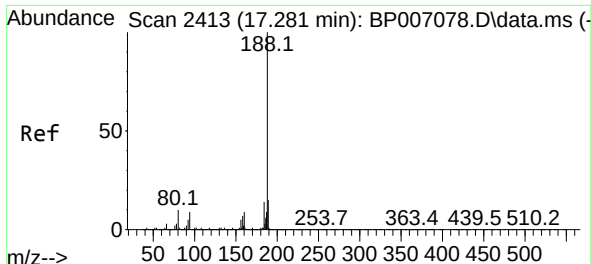
Tgt Ion:139 Resp: 77491
Ion Ratio Lower Upper
139 100
109 88.5 72.3 112.3
65 31.1 72.5 112.5#



#58
Fluorene
Concen: 4.664 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Tgt Ion:166 Resp: 255054
Ion Ratio Lower Upper
166 100
165 109.7 78.0 117.0
167 29.5 10.5 15.7#

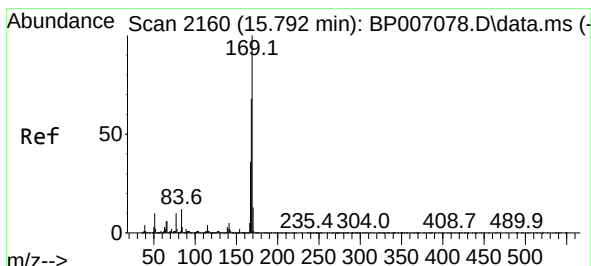
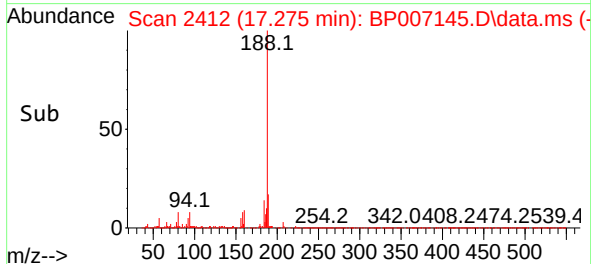
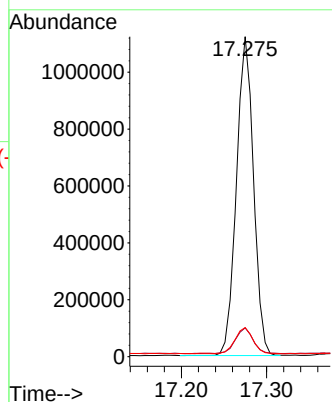
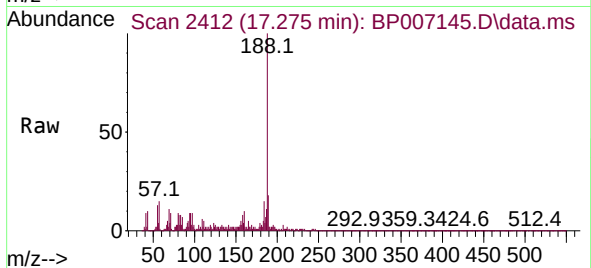




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

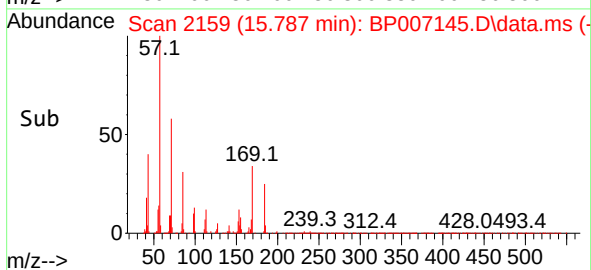
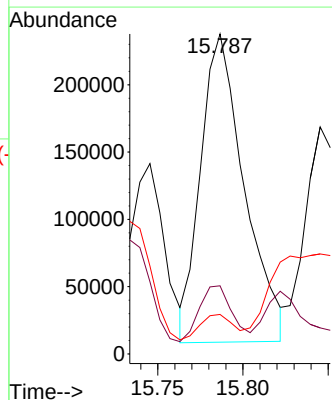
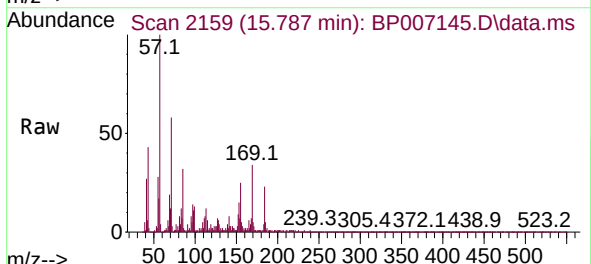
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

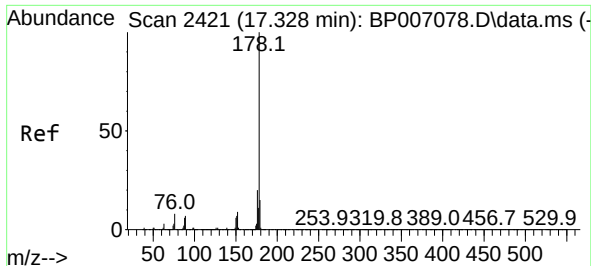
Tgt Ion:188 Resp: 1562479
Ion Ratio Lower Upper
188 100
94 9.0 5.6 8.4#
80 9.1 6.3 9.5



#66
n-Nitrosodiphenylamine
Concen: 8.754 ng
RT: 15.787 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Tgt Ion:169 Resp: 406976
Ion Ratio Lower Upper
169 100
168 21.3 54.4 81.6#
167 12.3 29.0 43.6#

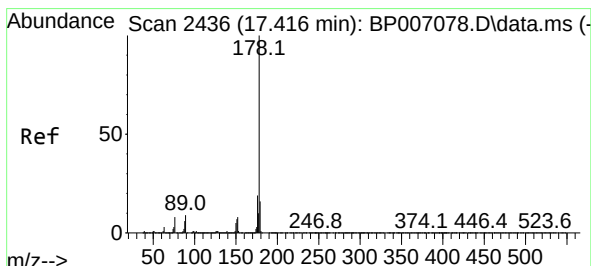
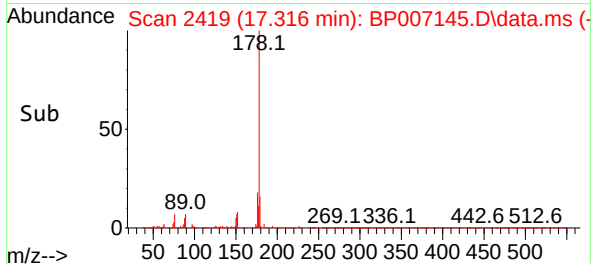
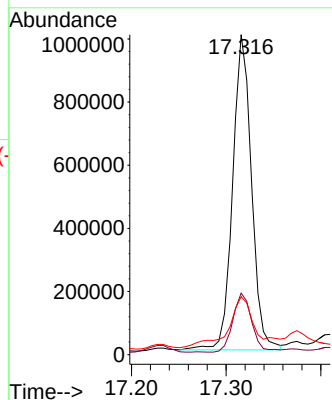
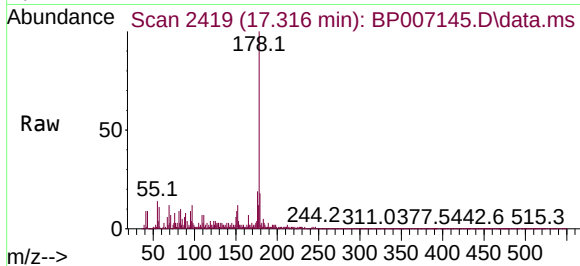




#71
Phenanthrene
Concen: 16.483 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

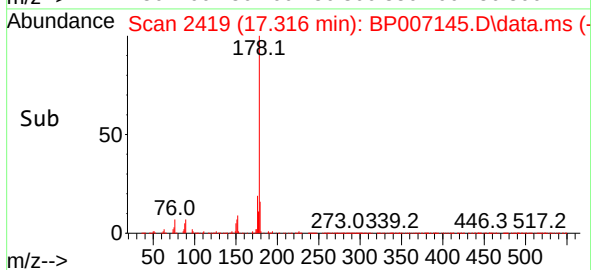
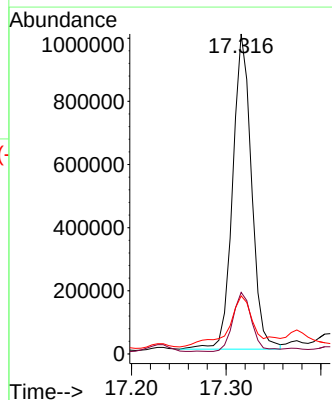
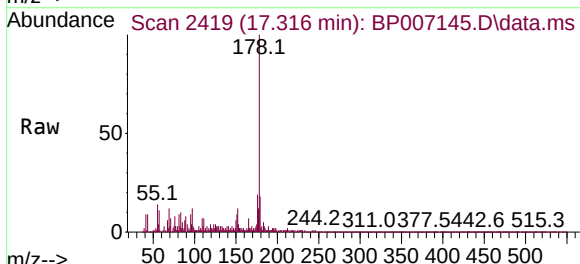
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

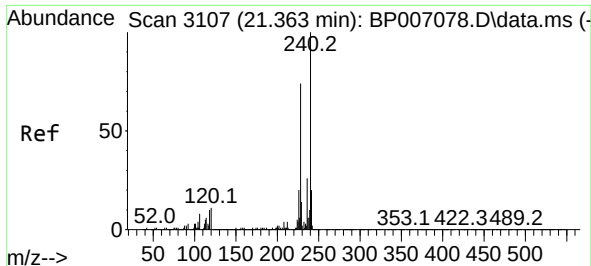
Tgt Ion:178 Resp: 1380940
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 18.2 12.4 18.6



#72
Anthracene
Concen: 16.850 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.094 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Tgt Ion:178 Resp: 1380940
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 18.2 12.2 18.2

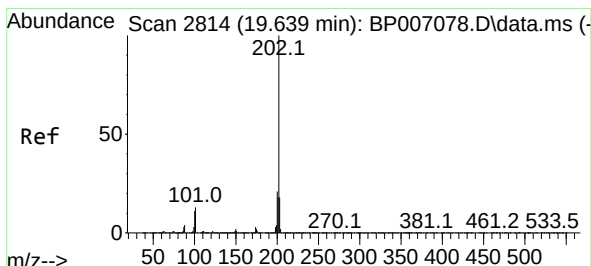
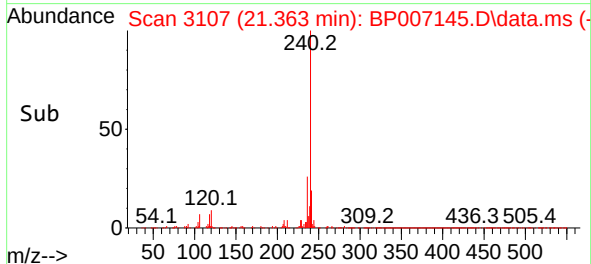
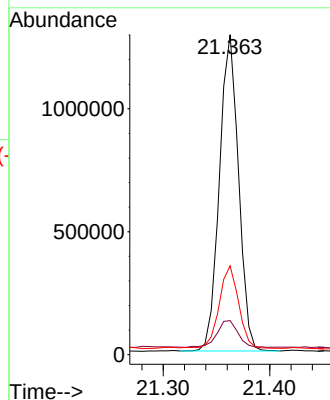
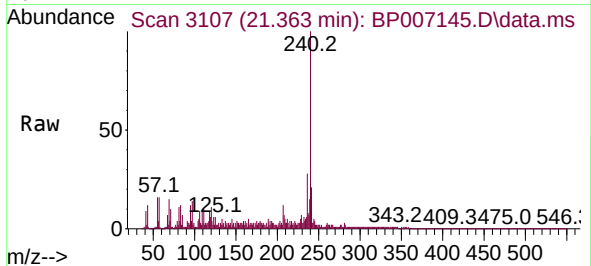




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

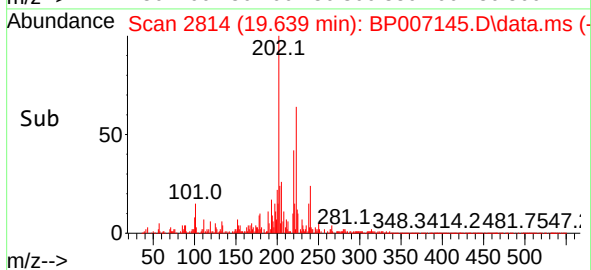
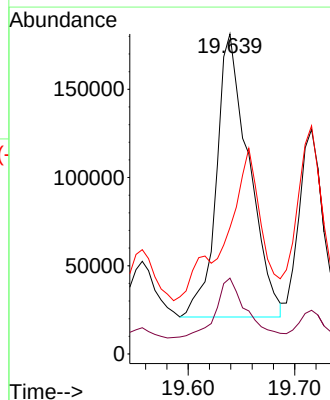
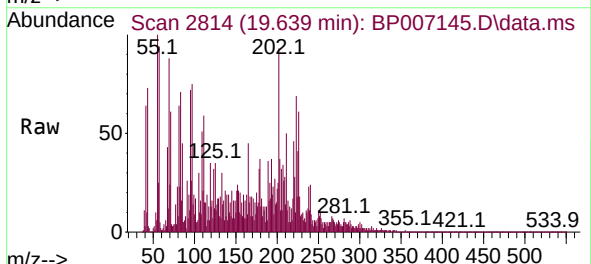
Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

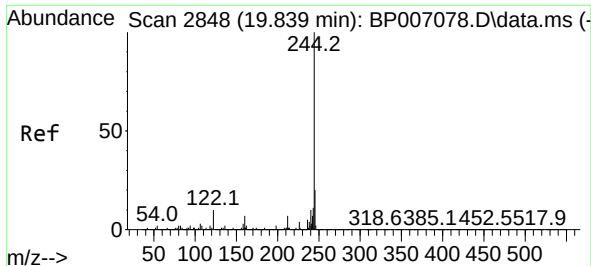
Tgt Ion:240 Resp: 1599650
Ion Ratio Lower Upper
240 100
120 10.7 6.5 9.7#
236 27.7 20.6 31.0



#78
Pyrene
Concen: 3.230 ng
RT: 19.639 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Tgt Ion:202 Resp: 338944
Ion Ratio Lower Upper
202 100
200 23.7 16.3 24.5
203 39.5 14.2 21.2#

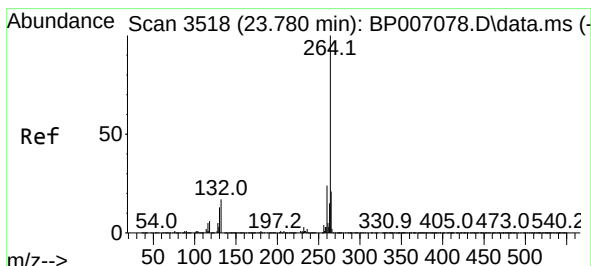
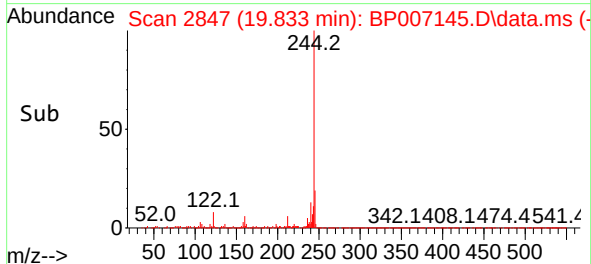
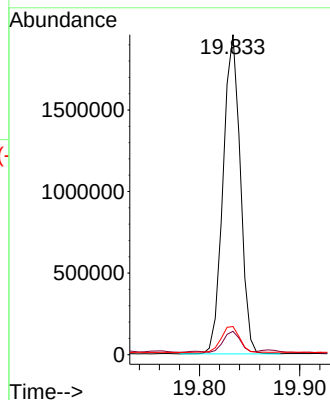
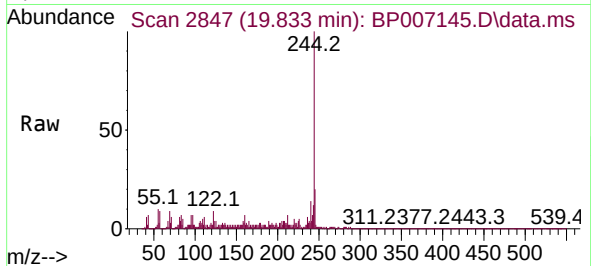




#79
Terphenyl-d14
Concen: 27.857 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

Tgt Ion:244 Resp: 2325464
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 8.8 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3519
Delta R.T. 0.018 min
Lab File: BP007145.D
Acq: 24 Sep 2021 02:42

Tgt Ion:264 Resp: 1790600
Ion Ratio Lower Upper
264 100
260 25.0 18.6 28.0
265 23.6 17.6 26.4

