

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
 Data File : BP007104.D
 Acq On : 22 Sep 2021 18:36
 Operator : CG/JU
 Sample : M3733-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SUP-UST-01-(10-12)

Quant Time: Sep 23 01:06:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 16:50:24 2021
 Response via : Initial Calibration

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

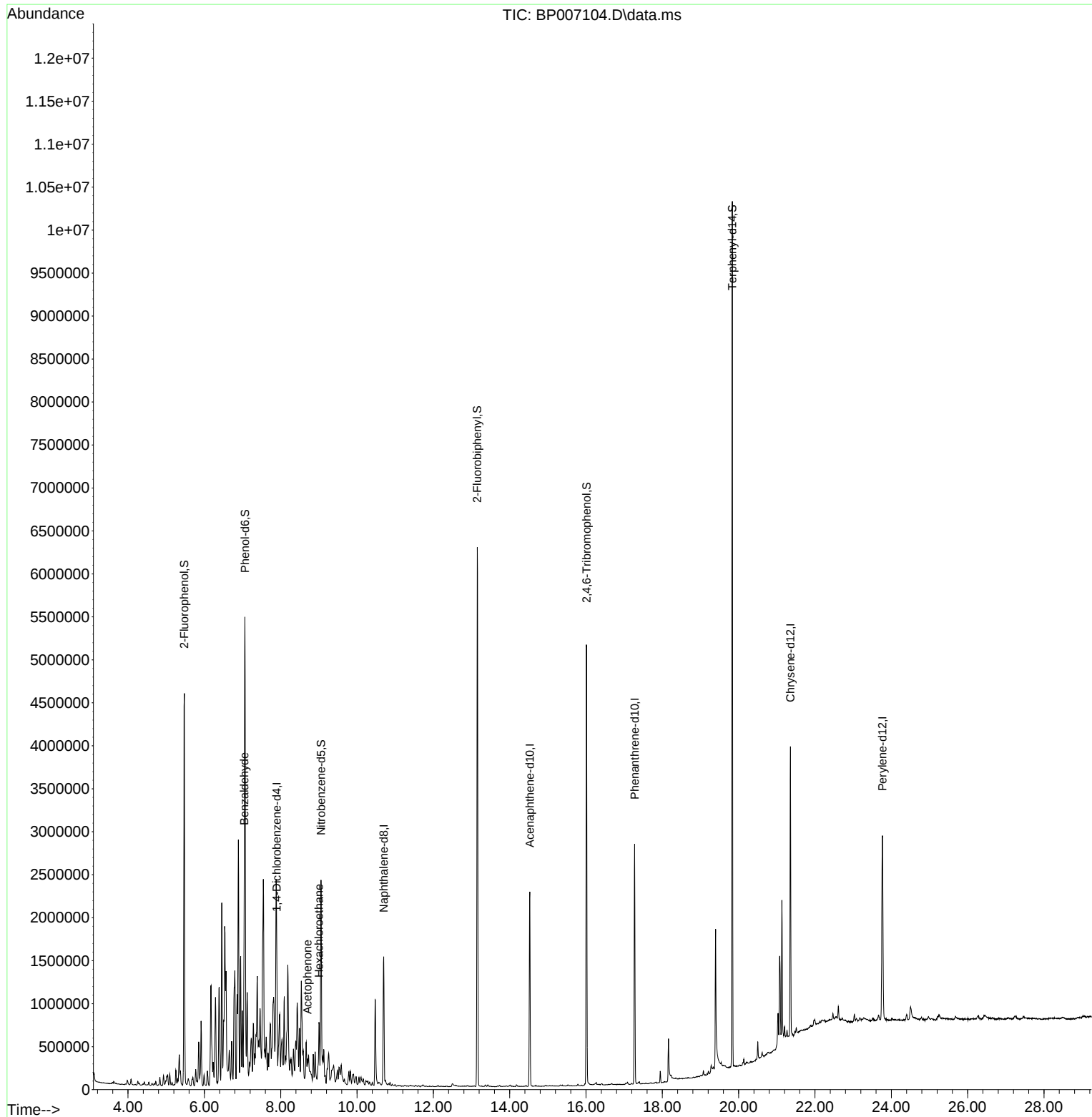
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	313631	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	1283031	20.000	ng	# 0.00
39) Acenaphthene-d10	14.528	164	814274	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1671290	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	1618090	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	1682998	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1991316	106.283	ng	0.00
7) Phenol-d6	7.063	99	2360649	92.186	ng	0.00
23) Nitrobenzene-d5	9.057	82	1347680	61.171	ng	-0.01
42) 2,4,6-Tribromophenol	16.016	330	1075936	101.920	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	3376447	59.405	ng	-0.01
79) Terphenyl-d14	19.833	244	4936024	58.456	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.046	77	37849	2.624	ng	# 1
18) Hexachloroethane	9.005	117	45240	5.754	ng	# 1
22) Acetophenone	8.705	105	123996	4.011	ng	# 59

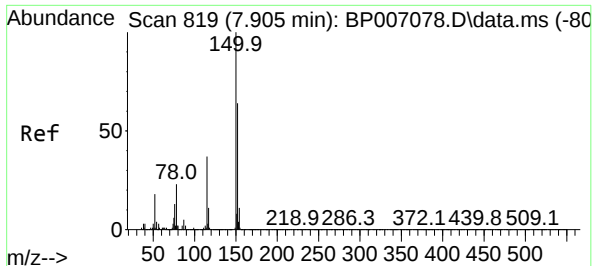
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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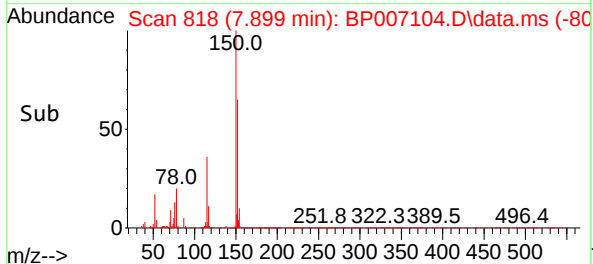
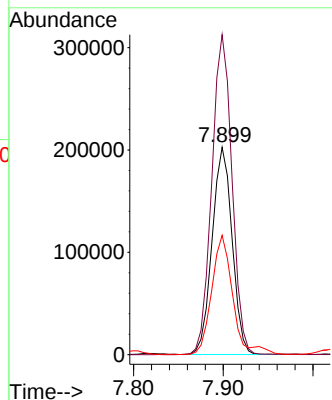
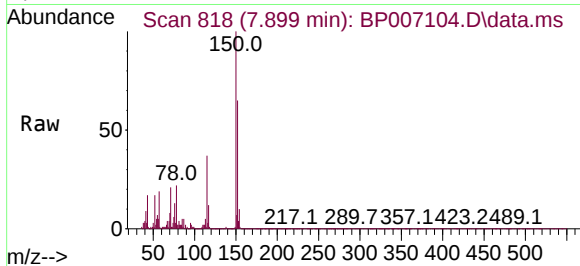




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

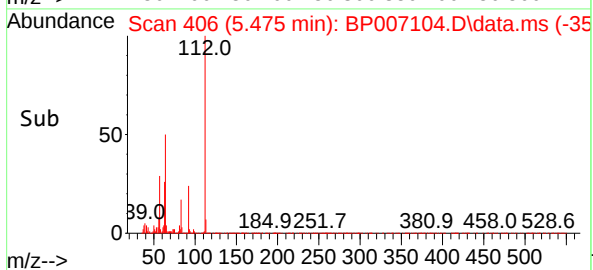
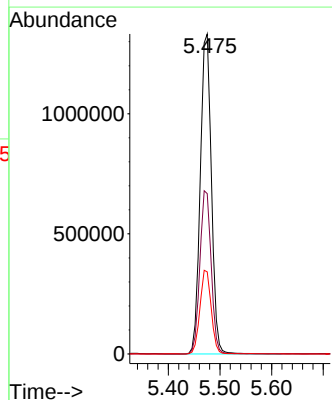
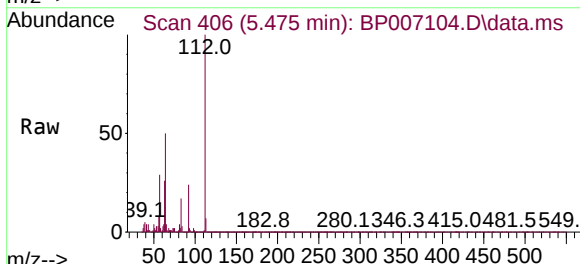
Instrument :
BNA_P
ClientSampleId :
SUP-UST-01-(10-12)

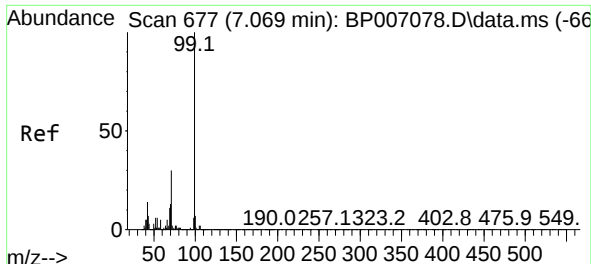
Tgt Ion:152 Resp: 313631
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 57.6 48.5 72.7



#5
2-Fluorophenol
Concen: 106.283 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

Tgt Ion:112 Resp: 1991316
Ion Ratio Lower Upper
112 100
64 50.1 41.4 62.2
63 25.6 23.8 35.8

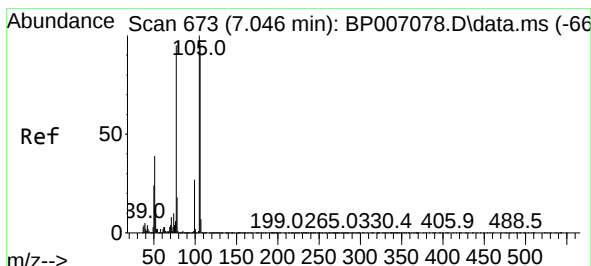
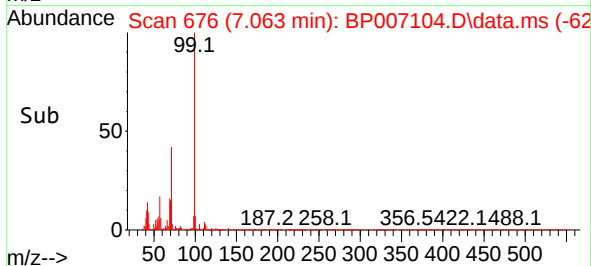
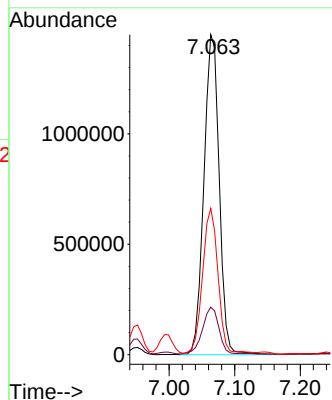
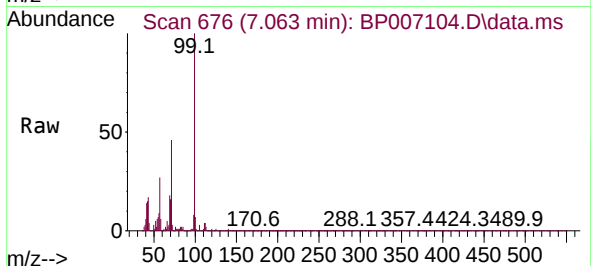




#7
Phenol-d6
Concen: 92.186 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.006 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

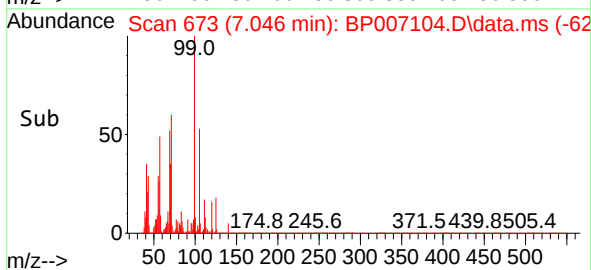
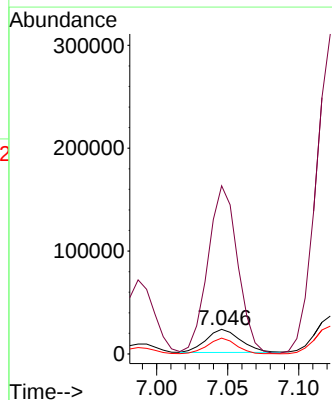
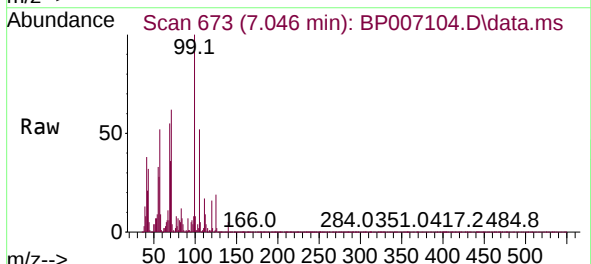
Instrument :
BNA_P
ClientSampleId :
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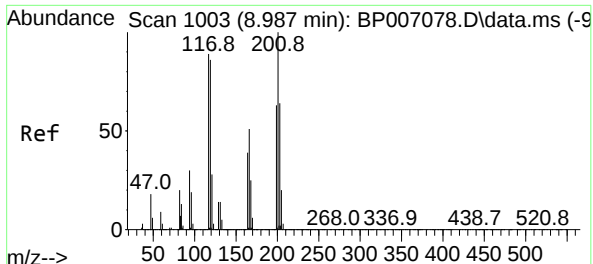
Tgt Ion: 99 Resp: 2360649
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 45.8 30.6 46.0



#9
Benzaldehyde
Concen: 2.624 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.000 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

Tgt Ion: 77 Resp: 37849
Ion Ratio Lower Upper
77 100
105 681.9 76.7 116.7#
106 64.1 76.2 116.2#

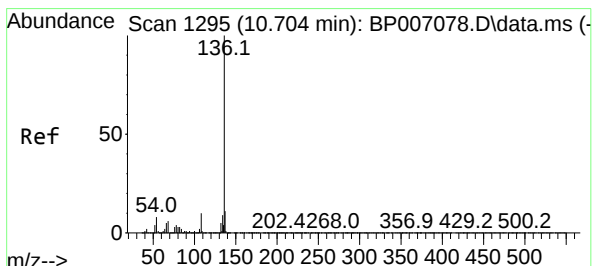
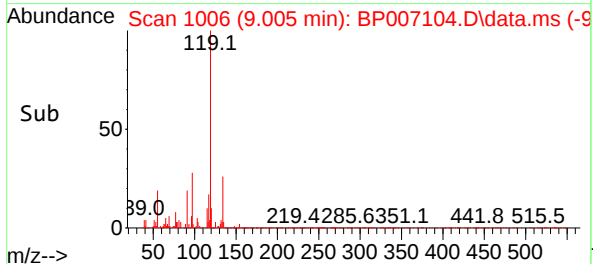
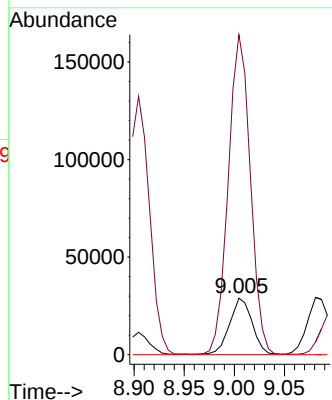
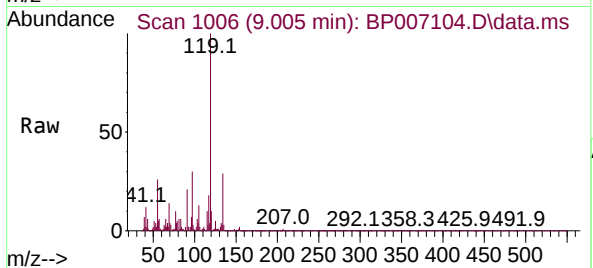




#18
Hexachloroethane
Concen: 5.754 ng
RT: 9.005 min Scan# 1006
Delta R.T. 0.018 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

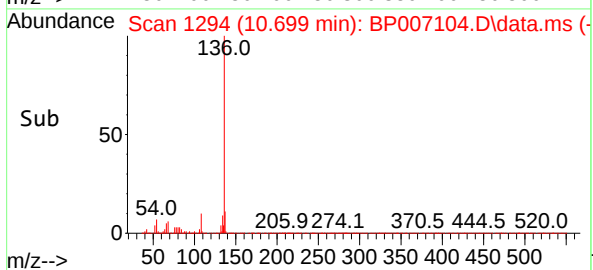
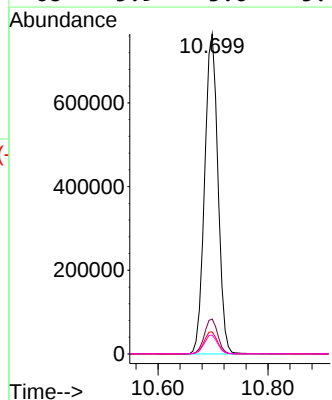
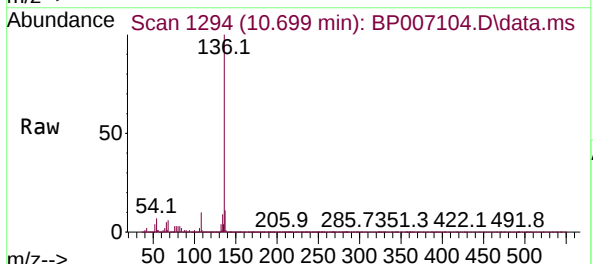
Instrument :
BNA_P
ClientSampleId :
SUP-UST-01-(10-12)

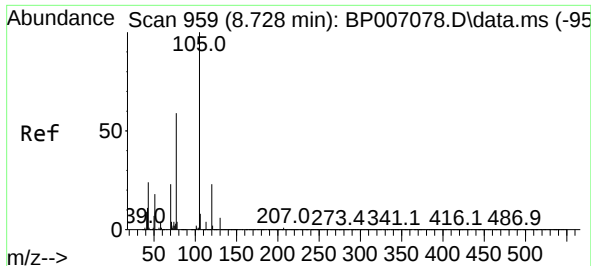
Tgt Ion:117 Resp: 45240
Ion Ratio Lower Upper
117 100
119 566.3 76.2 114.2#
201 0.1 83.4 125.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

Tgt Ion:136 Resp: 1283031
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.9 4.6 6.8#
68 5.9 3.6 5.4#

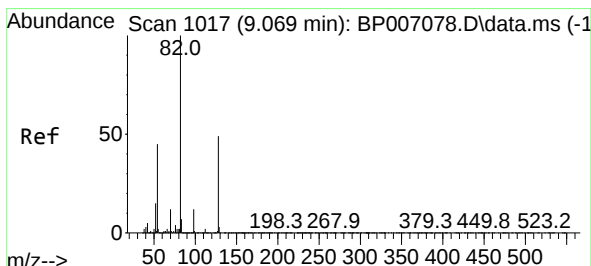
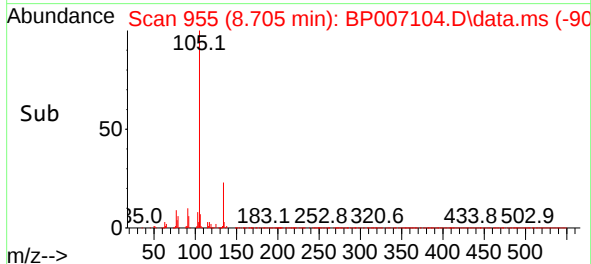
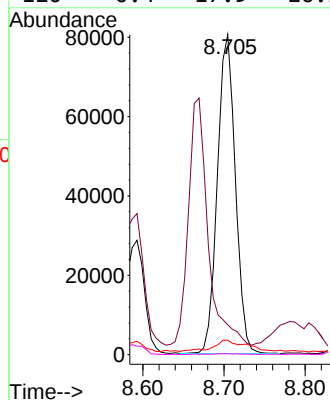
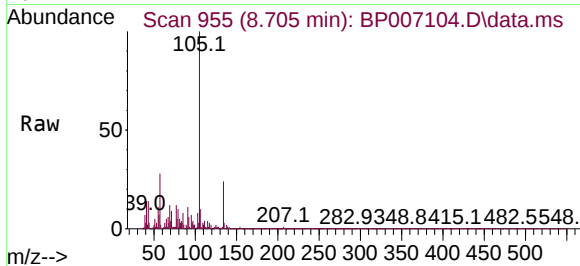




#22
Acetophenone
Concen: 4.011 ng
RT: 8.705 min Scan# 955
Delta R.T. -0.024 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

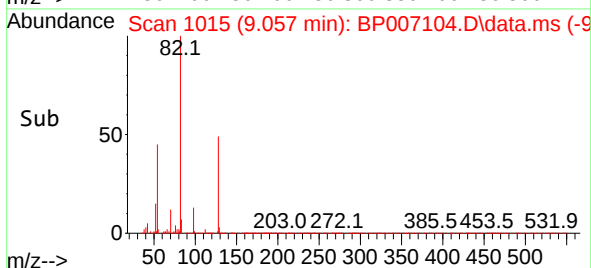
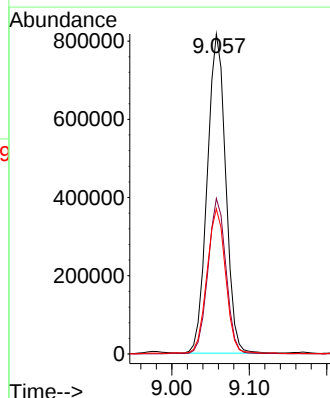
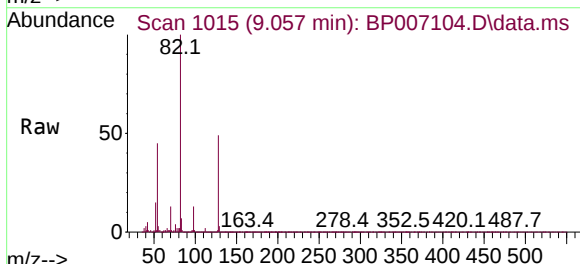
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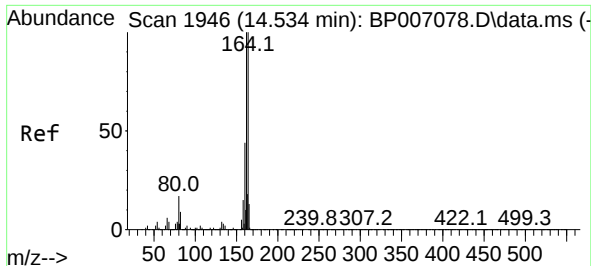
Tgt Ion:	105	Resp:	123996
Ion Ratio	Lower	Upper	
105	100		
71	9.3	1.9	2.9#
51	4.6	18.4	27.6#
120	0.4	17.9	26.9#



#23
Nitrobenzene-d5
Concen: 61.171 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

Tgt Ion:	82	Resp:	1347680
Ion Ratio	Lower	Upper	
82	100		
128	48.6	35.7	53.5
54	45.3	35.0	52.4

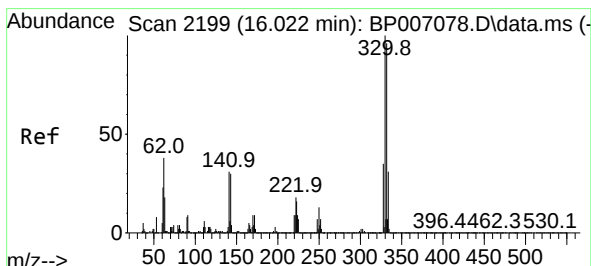
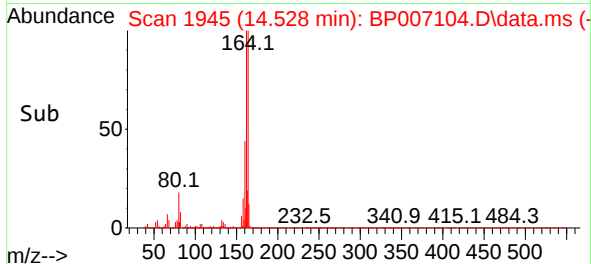
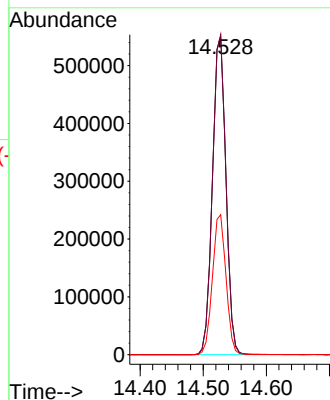
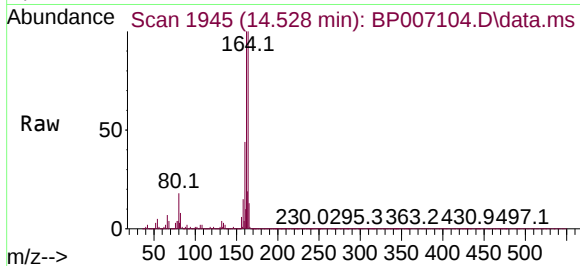




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

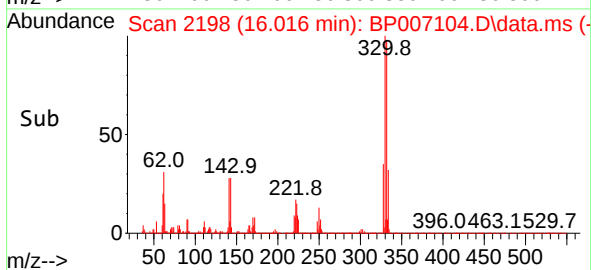
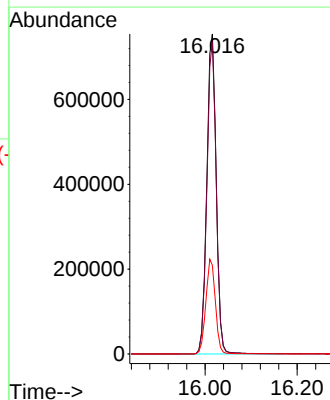
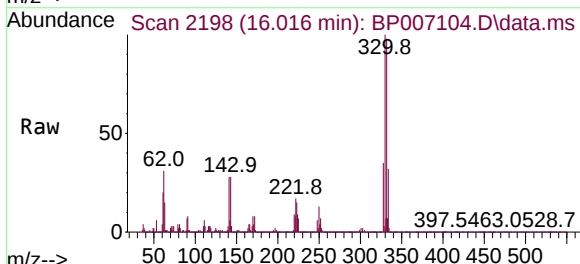
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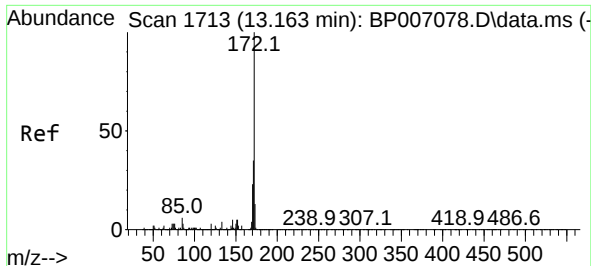
Tgt Ion:164 Resp: 814274
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 43.9 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 101.920 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

Tgt Ion:330 Resp: 1075936
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 30.1 25.4 38.2

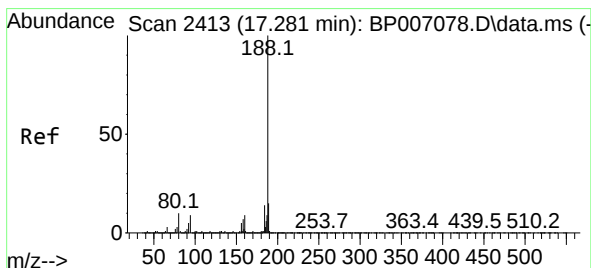
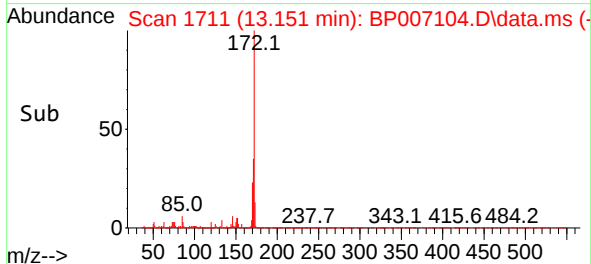
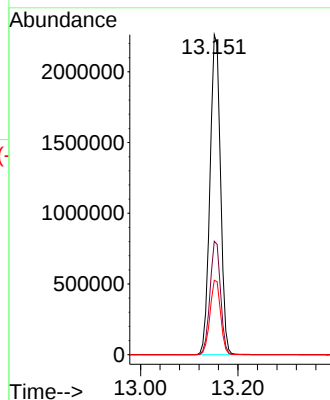
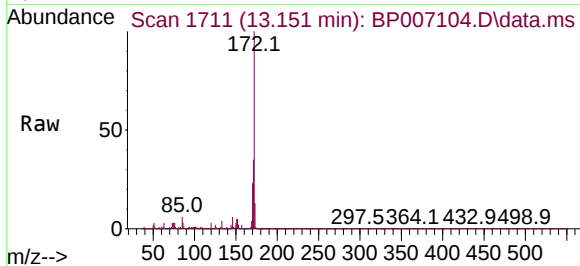




#45
2-Fluorobiphenyl
Concen: 59.405 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

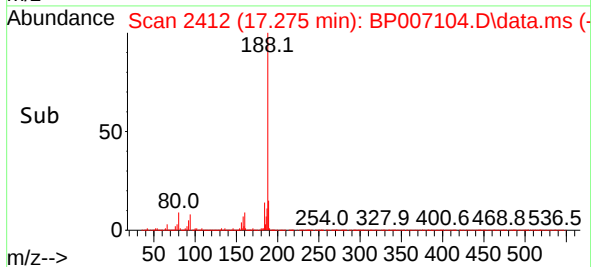
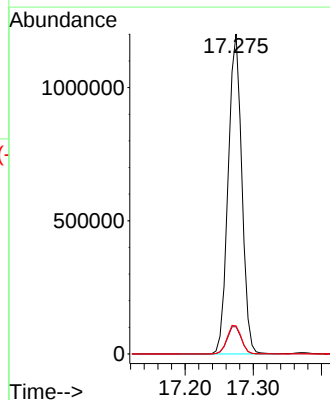
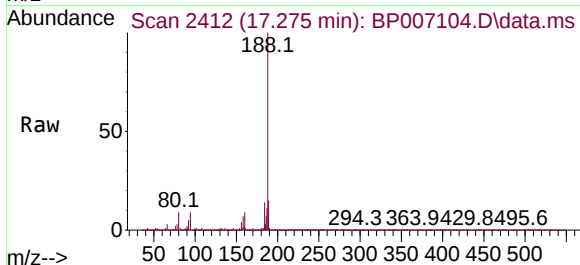
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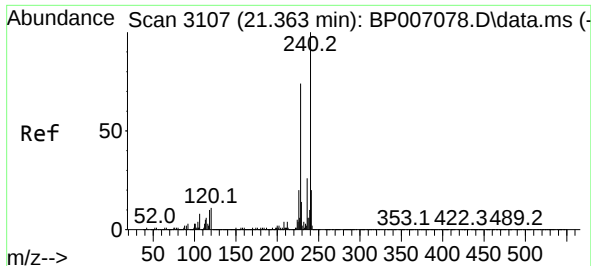
Tgt Ion:172 Resp: 3376447
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

Tgt Ion:188 Resp: 1671290
Ion Ratio Lower Upper
188 100
94 8.5 5.6 8.4#
80 8.8 6.3 9.5

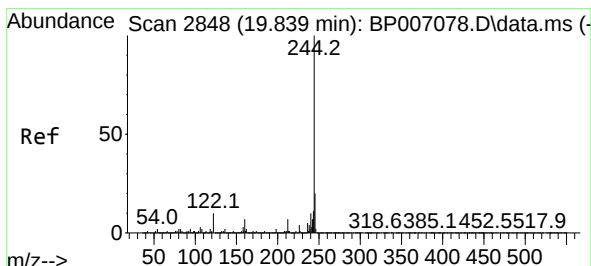
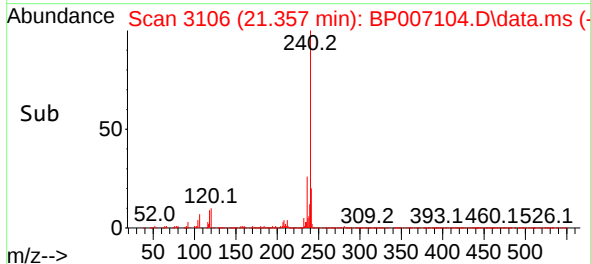
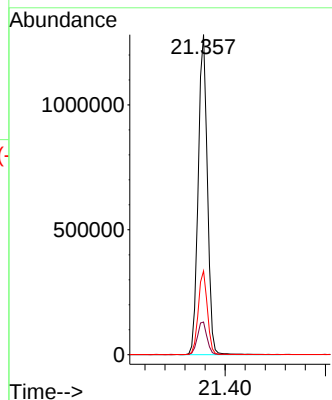
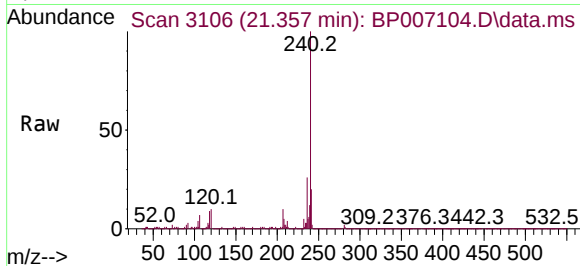




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

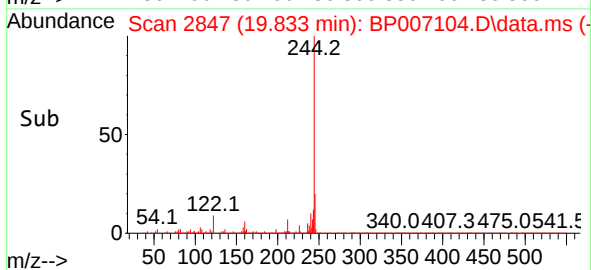
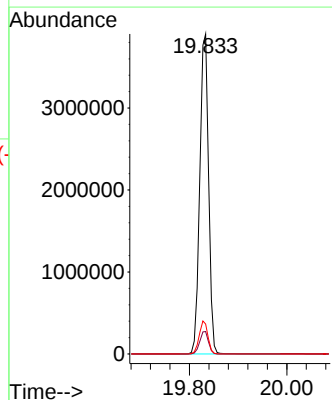
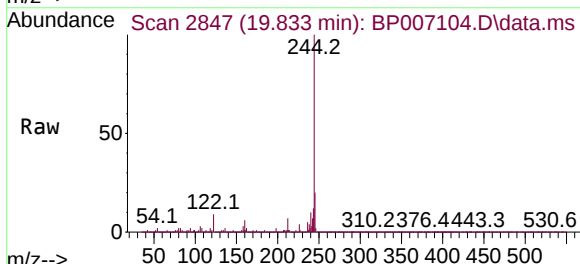
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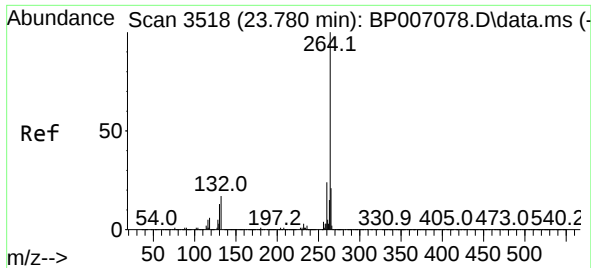
Tgt Ion:240 Resp: 1618090
Ion Ratio Lower Upper
240 100
120 10.2 6.5 9.7#
236 26.2 20.6 31.0



#79
Terphenyl-d14
Concen: 58.456 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP007104.D
Acq: 22 Sep 2021 18:36

Tgt Ion:244 Resp: 4936024
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.3 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.012 min
 Lab File: BP007104.D
 Acq: 22 Sep 2021 18:36

Instrument :
 BNA_P
 ClientSampleId :
 SUP-UST-01-(10-12)

Tgt Ion:264 Resp: 1682998
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.3 17.6 26.4

