

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
 Data File : BP007042.D
 Acq On : 18 Sep 2021 00:10
 Operator : CG/JU
 Sample : M3731-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-02-091421

Quant Time: Sep 18 00:59:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 10:50:16 2021
 Response via : Initial Calibration

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

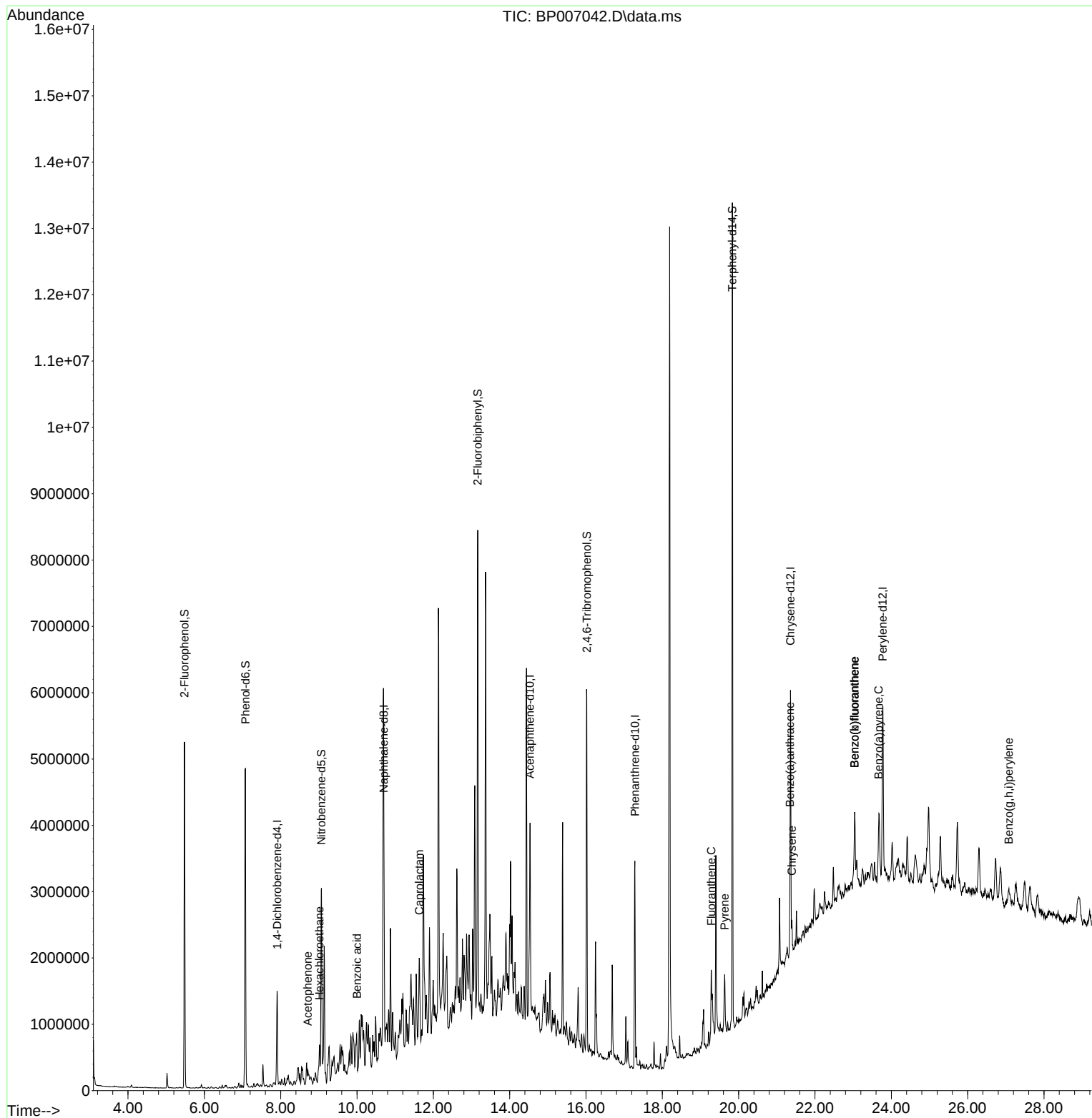
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	406110	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1546619	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	954369	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	1947132	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	1867913	20.000	ng	#-0.01
86) Perylene-d12	23.774	264	1971065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2414668	97.091	ng	0.00
7) Phenol-d6	7.075	99	3015729	88.841	ng	0.00
23) Nitrobenzene-d5	9.063	82	1706500	61.971	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1094802	95.388	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	4004859	57.931	ng	0.00
79) Terphenyl-d14	19.833	244	5793405	59.507	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.075	77	7478	Below Cal	#	25
18) Hexachloroethane	9.016	117	27881	2.651	ng	# 1
22) Acetophenone	8.710	105	122698	3.146	ng	# 59
32) Benzoic acid	9.999	122	389	6.117	ng	# 1
35) Caprolactam	11.634	113	18115	2.629	ng	# 1
75) Fluoranthene	19.281	202	486721	3.741	ng	96
78) Pyrene	19.633	202	476675	3.683	ng	99
81) Benzo(a)anthracene	21.345	228	282804	2.228	ng	# 89
83) Chrysene	21.392	228	293018	2.353	ng	# 90
88) Benzo(b)fluoranthene	23.039	252	403700	3.015	ng	# 67
89) Benzo(k)fluoranthene	23.039	252	403700	3.098	ng	# 67
90) Benzo(a)pyrene	23.669	252	296760	2.472	ng	# 78
92) Benzo(g,h,i)perylene	27.080	276	274821	2.201	ng	# 81

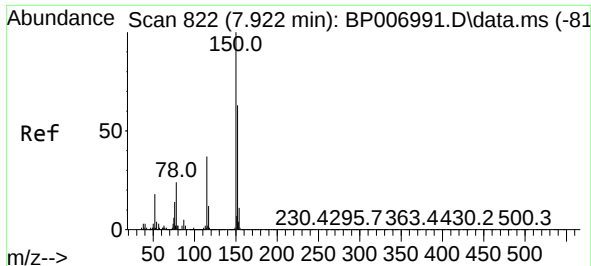
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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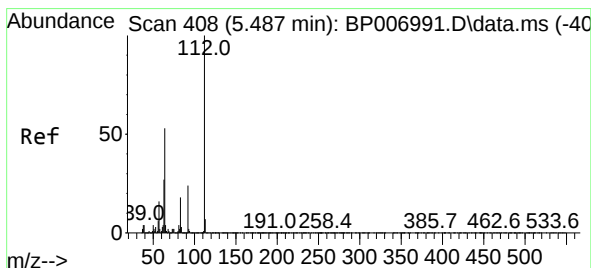
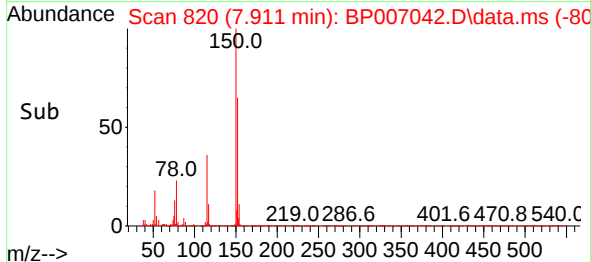
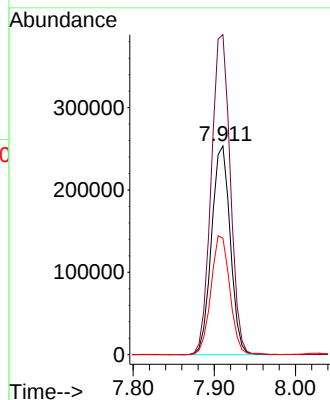
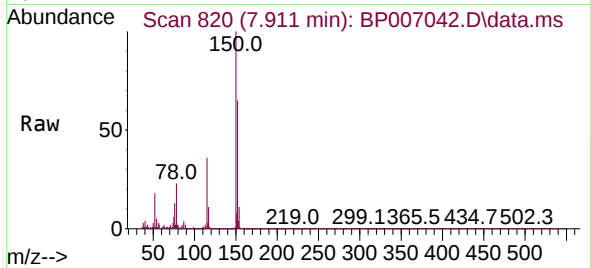




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 820
Delta R.T. 0.000 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

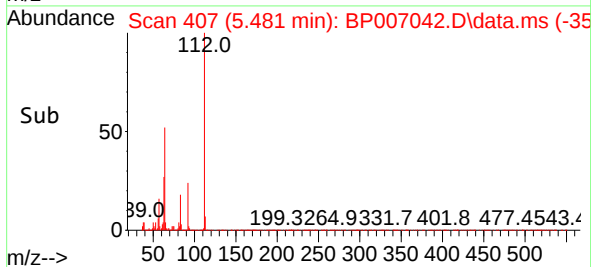
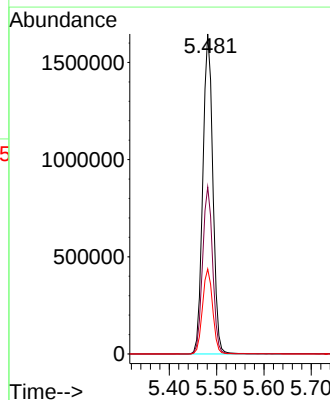
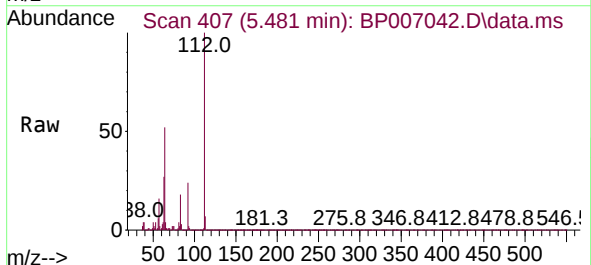
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

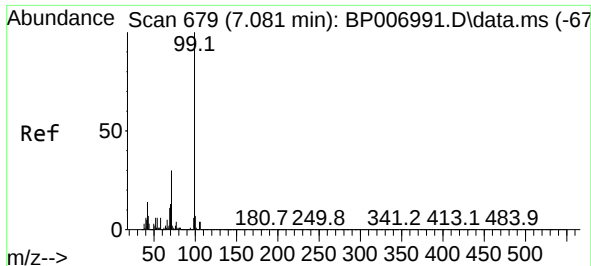
Tgt Ion:152 Resp: 406110
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 55.9 48.5 72.7



#5
2-Fluorophenol
Concen: 97.091 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:112 Resp: 2414668
Ion Ratio Lower Upper
112 100
64 52.2 41.4 62.2
63 26.6 23.8 35.8

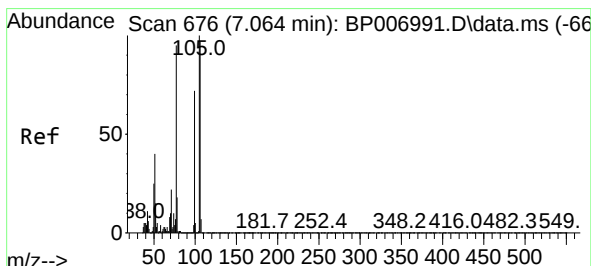
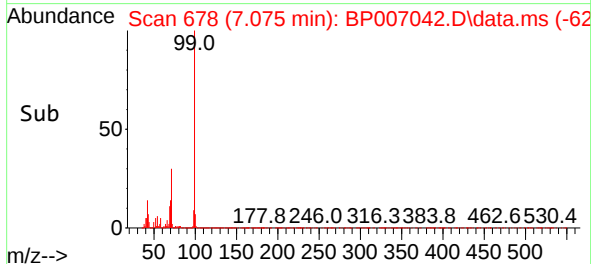
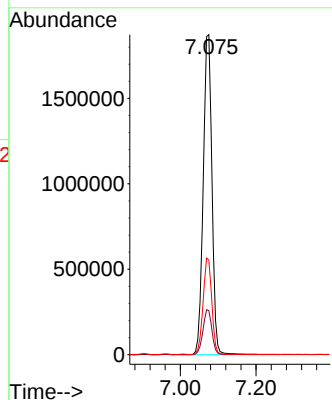
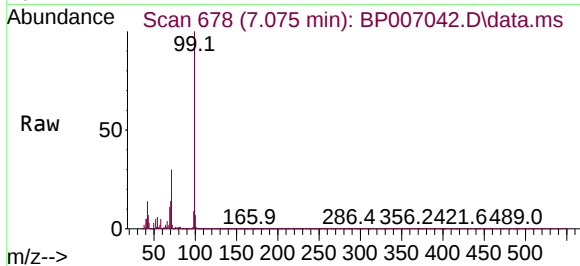




#7
Phenol-d6
Concen: 88.841 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

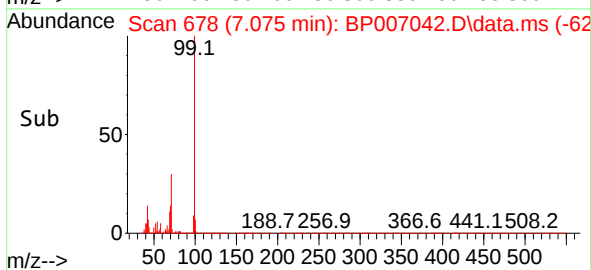
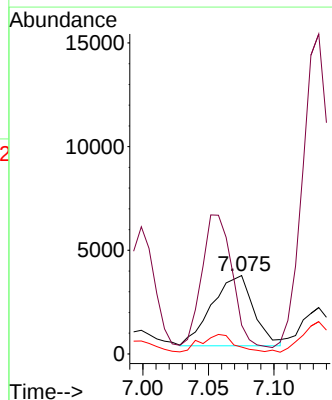
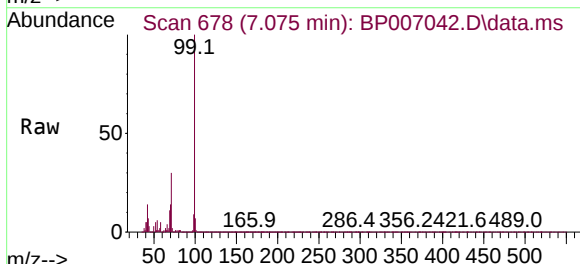
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

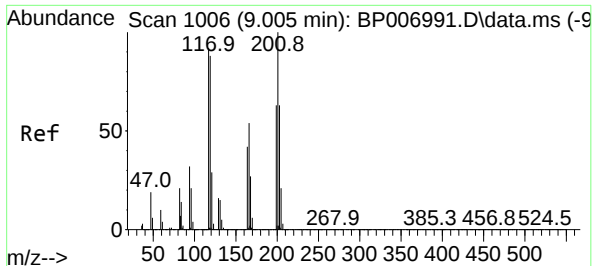
Tgt Ion: 99 Resp: 3015729
Ion Ratio Lower Upper
99 100
42 13.8 13.4 20.0
71 29.6 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.075 min Scan# 678
Delta R.T. 0.029 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion: 77 Resp: 7478
Ion Ratio Lower Upper
77 100
105 36.7 76.7 116.7#
106 8.8 76.2 116.2#

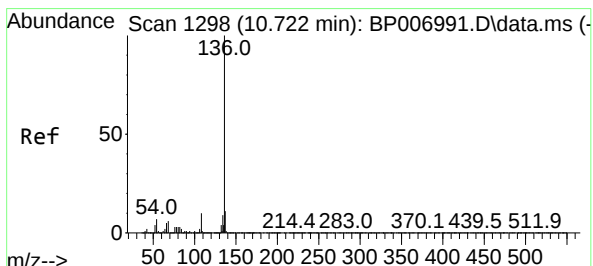
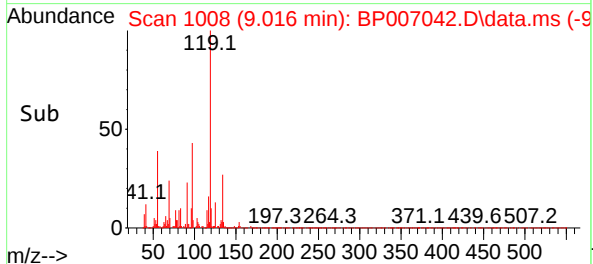
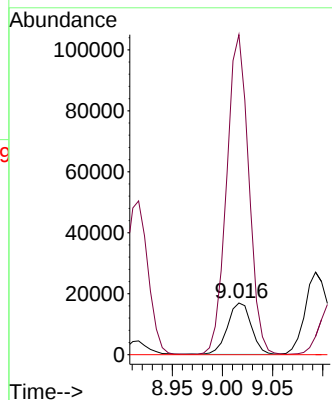
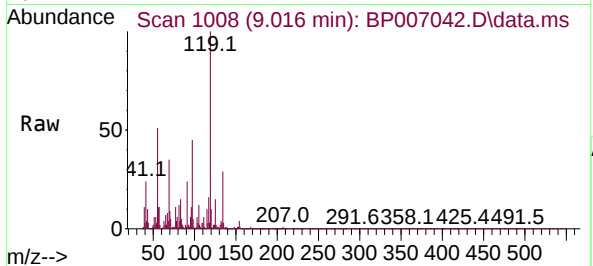




#18
Hexachloroethane
Concen: 2.651 ng
RT: 9.016 min Scan# 1008
Delta R.T. 0.024 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

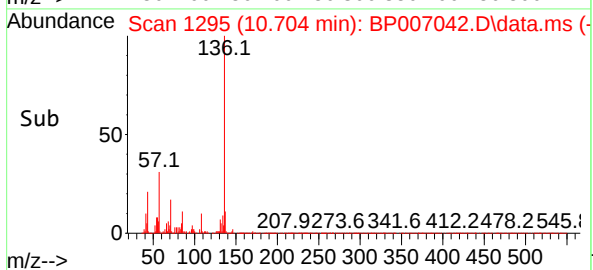
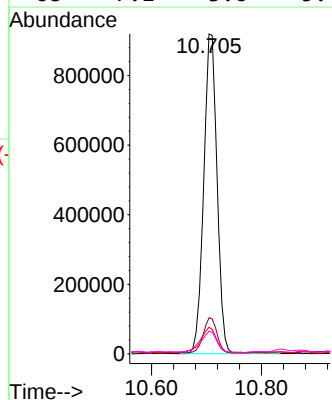
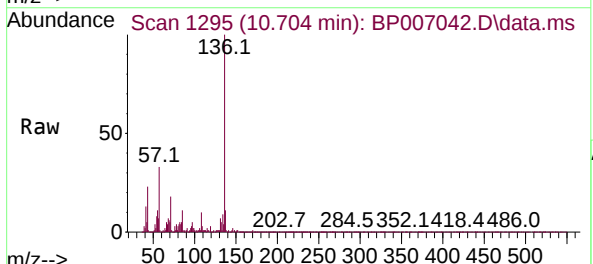
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

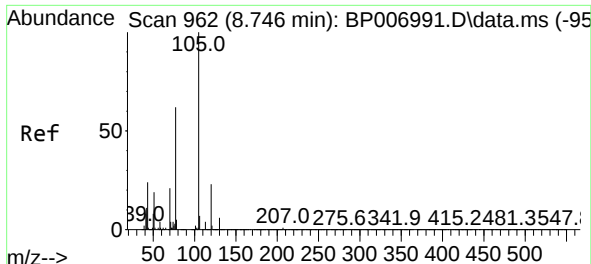
Tgt Ion:117 Resp: 27881
Ion Ratio Lower Upper
117 100
119 618.7 76.2 114.2#
201 0.1 83.4 125.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:136 Resp: 1546619
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 8.4 4.6 6.8#
68 7.1 3.6 5.4#

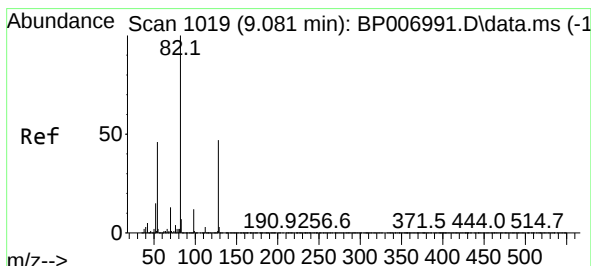
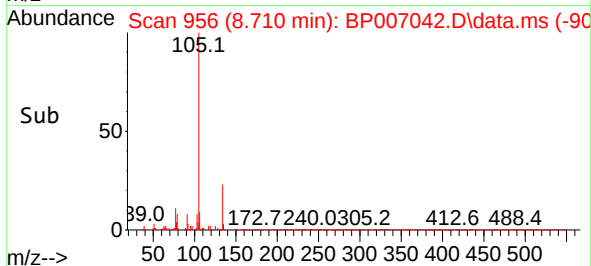
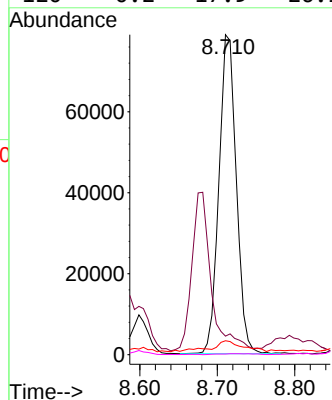
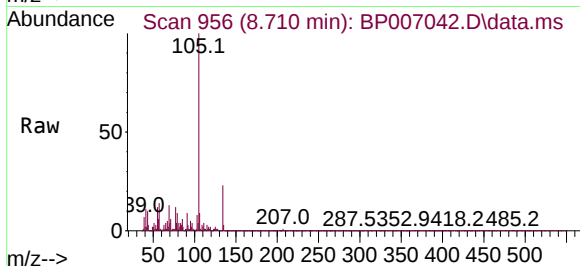




#22
Acetophenone
Concen: 3.146 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.023 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

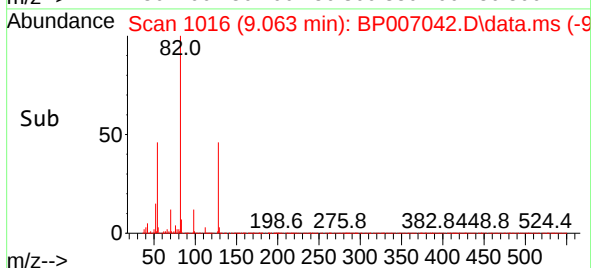
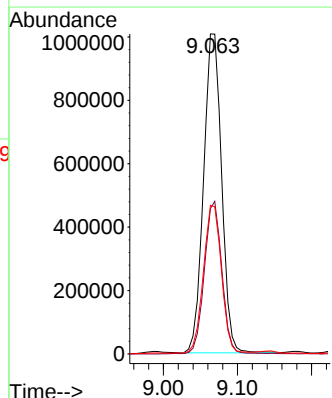
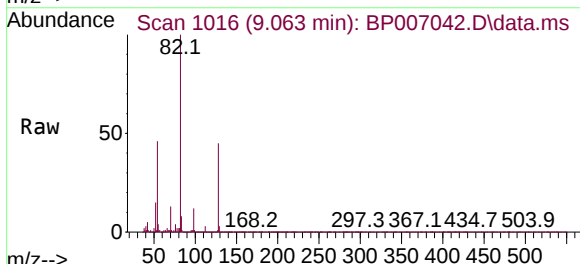
Instrument :
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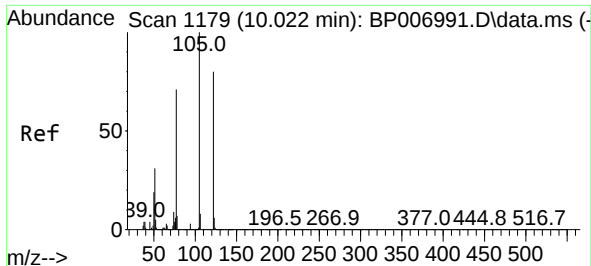
Tgt Ion:	105	Resp:	122698
Ion	Ratio	Lower	Upper
105	100		
71	5.8	1.9	2.9#
51	4.3	18.4	27.6#
120	0.2	17.9	26.9#



#23
Nitrobenzene-d5
Concen: 61.971 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:	82	Resp:	1706500
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	46.5	35.0	52.4

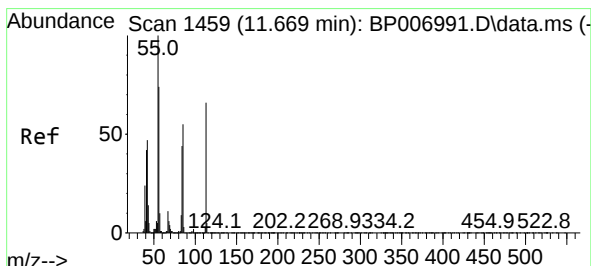
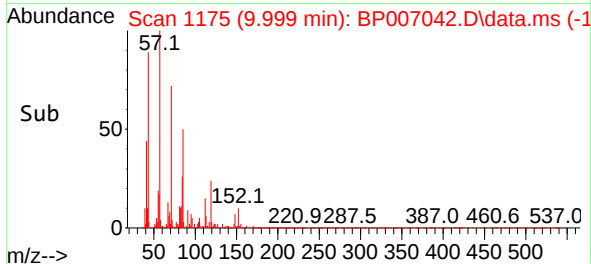
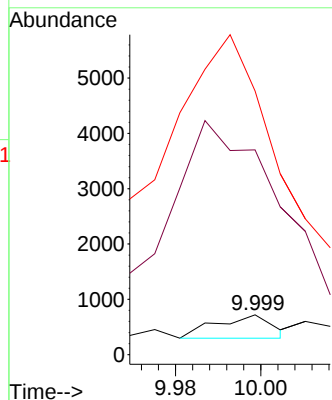
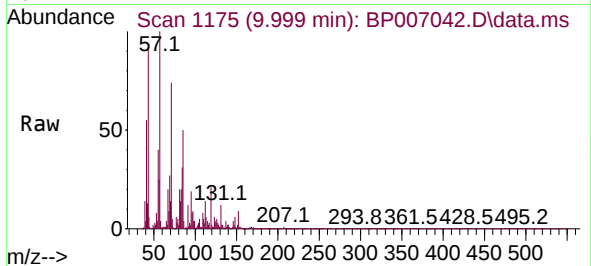




#32
Benzoic acid
Concen: 6.117 ng
RT: 9.999 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

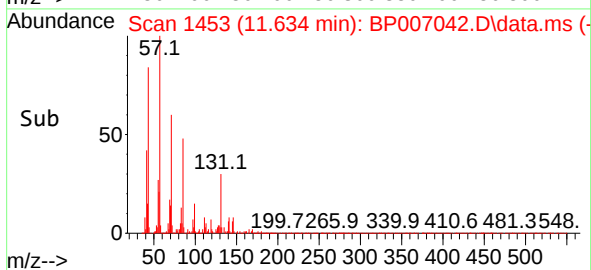
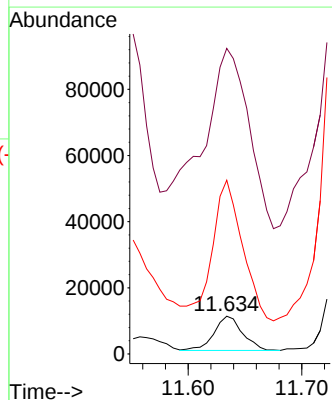
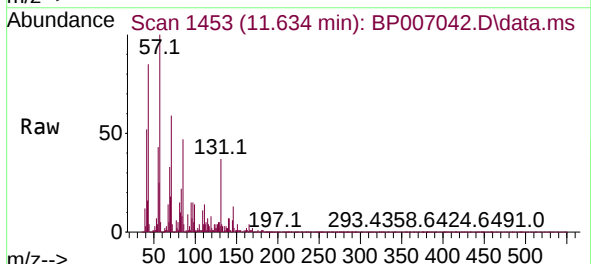
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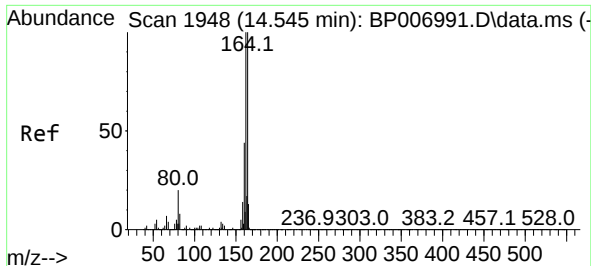
Tgt Ion:122 Resp: 389
Ion Ratio Lower Upper
122 100
105 514.7 103.2 143.2#
77 663.1 76.2 116.2#



#35
Caprolactam
Concen: 2.629 ng
RT: 11.634 min Scan# 1453
Delta R.T. -0.023 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:113 Resp: 18115
Ion Ratio Lower Upper
113 100
55 810.2 98.9 138.9#
56 460.9 71.7 111.7#

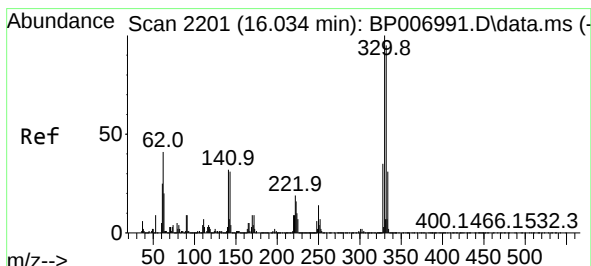
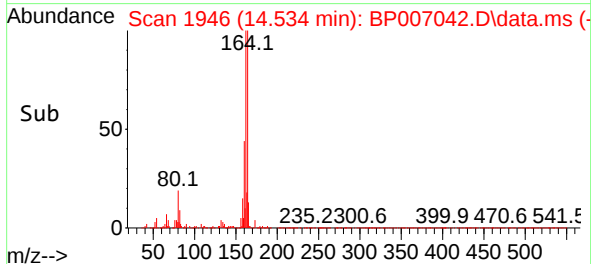
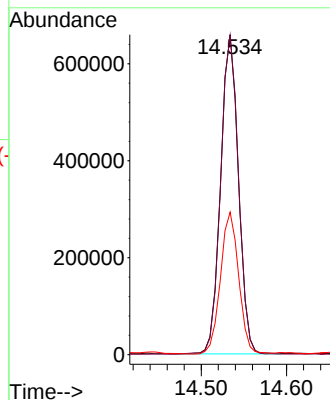
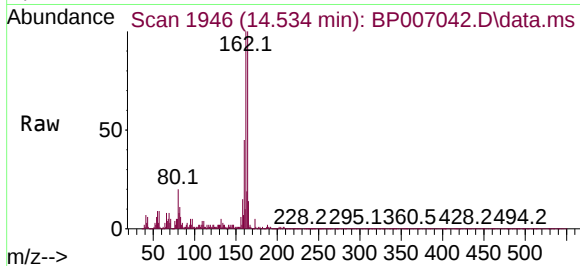




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

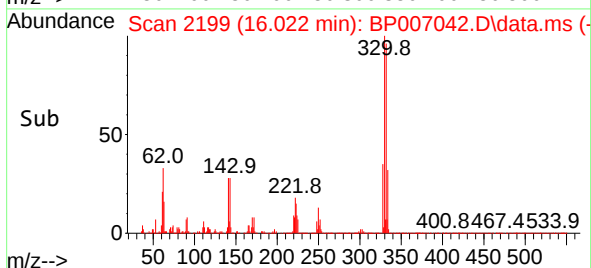
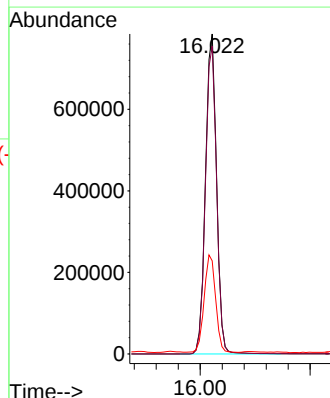
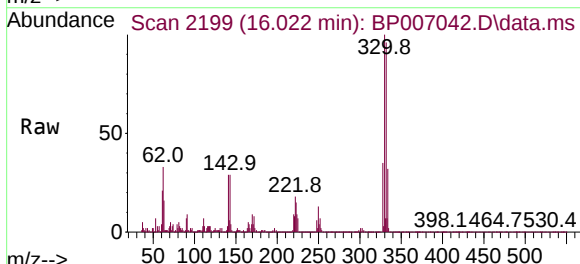
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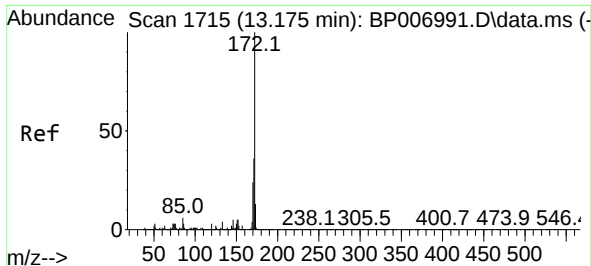
Tgt Ion:164 Resp: 954369
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 44.6 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 95.388 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:330 Resp: 1094802
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 31.5 25.4 38.2

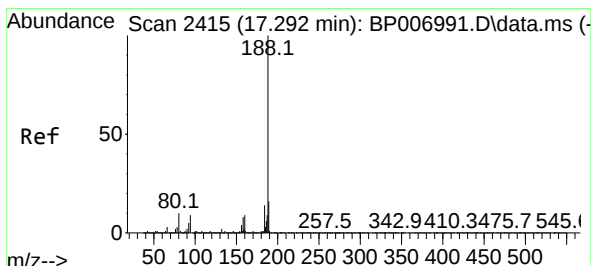
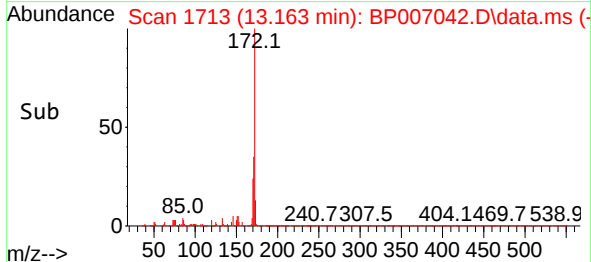
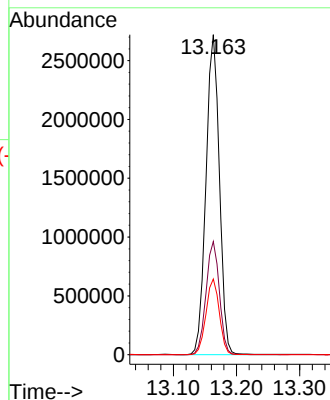
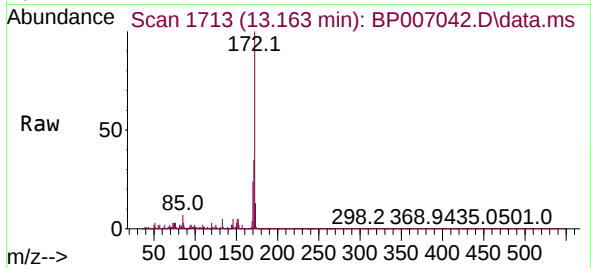




#45
2-Fluorobiphenyl
Concen: 57.931 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

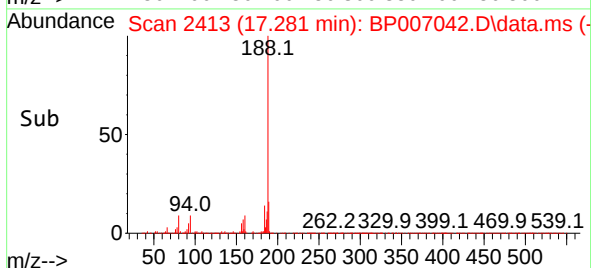
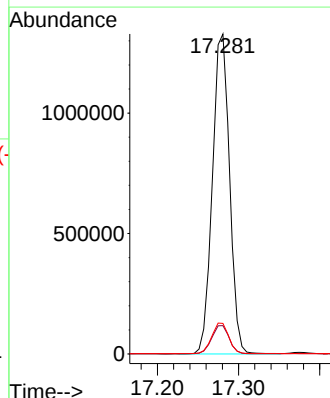
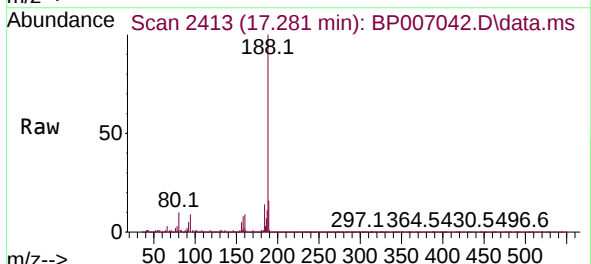
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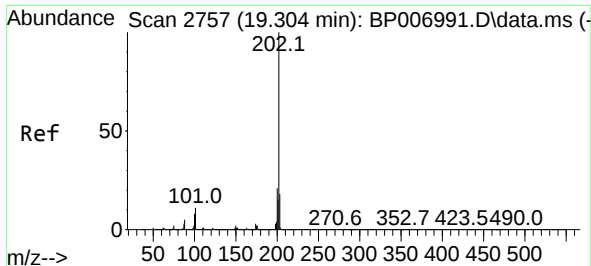
Tgt Ion:172 Resp: 4004859
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.7 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:188 Resp: 1947132
Ion Ratio Lower Upper
188 100
94 8.9 5.6 8.4#
80 9.6 6.3 9.5#

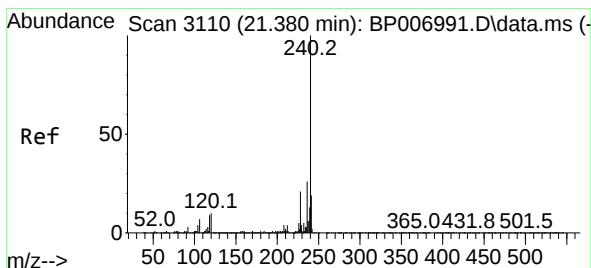
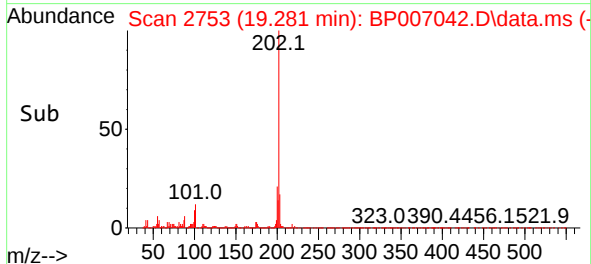
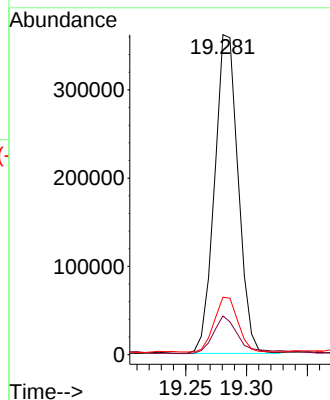
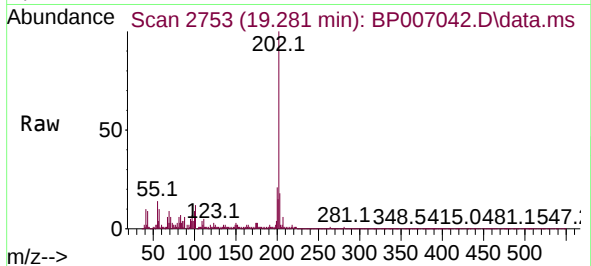




#75
Fluoranthene
Concen: 3.741 ng
RT: 19.281 min Scan# 2753
Delta R.T. -0.012 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

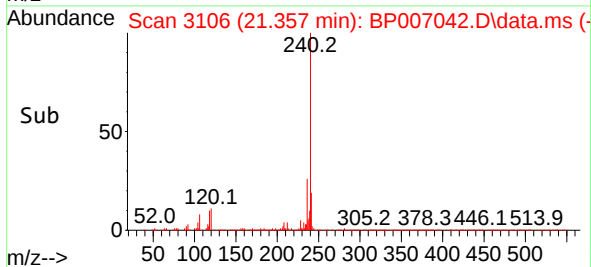
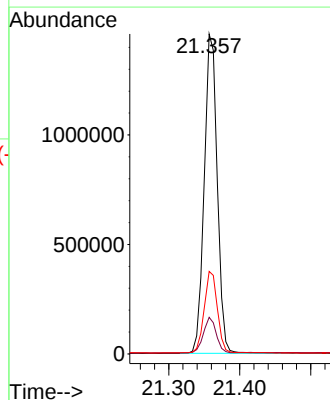
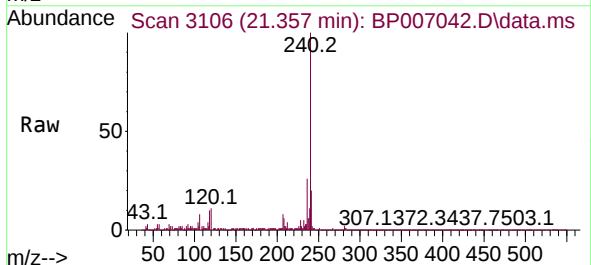
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

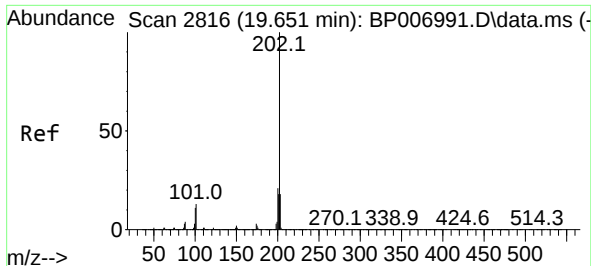
Tgt Ion:	202	Resp:	486721
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	27.6
203	17.9	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:	240	Resp:	1867913
Ion	Ratio	Lower	Upper
240	100		
120	11.5	6.5	9.7#
236	25.8	20.6	31.0

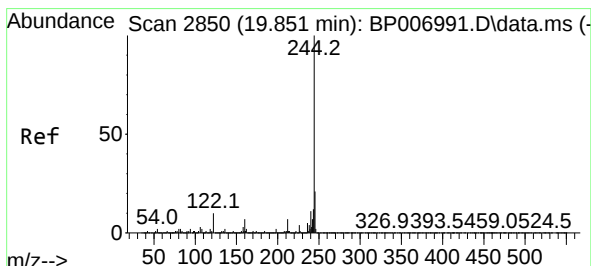
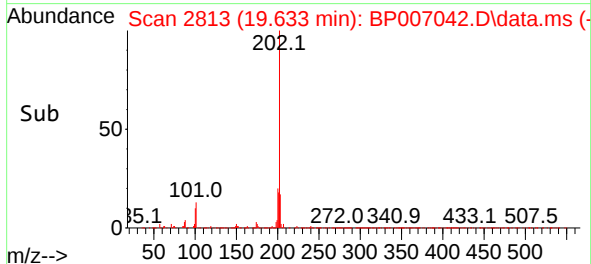
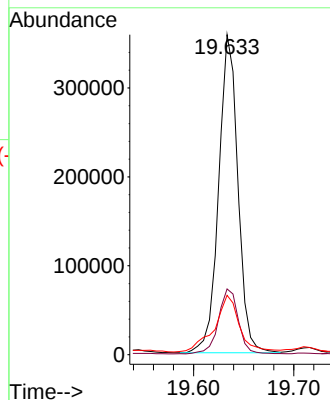
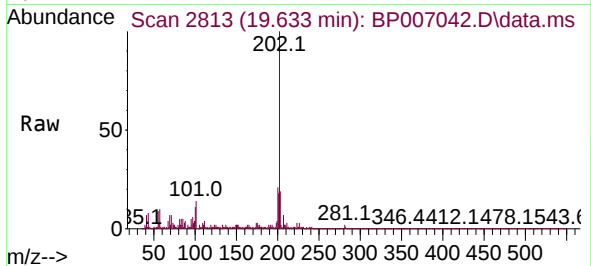




#78
Pyrene
Concen: 3.683 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.012 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

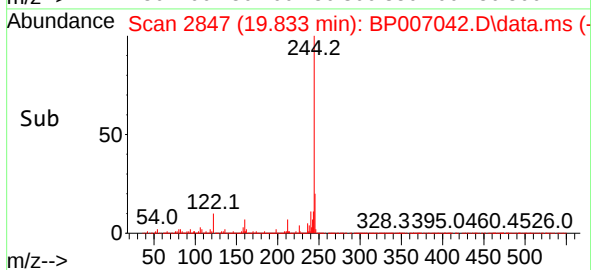
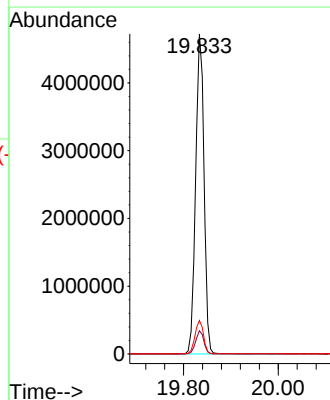
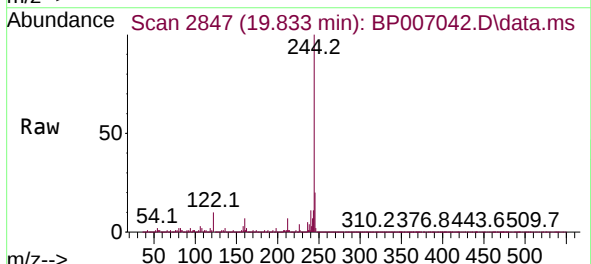
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

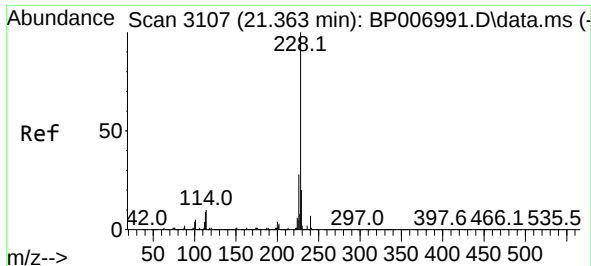
Tgt Ion:	202	Resp:	476675
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	18.5	14.2	21.2



#79
Terphenyl-d14
Concen: 59.507 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:	244	Resp:	5793405
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.5	7.1	10.7

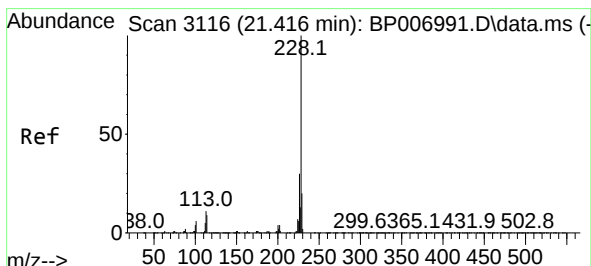
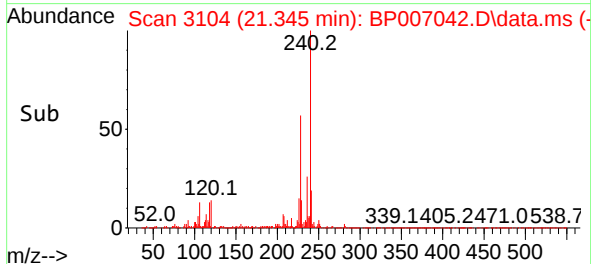
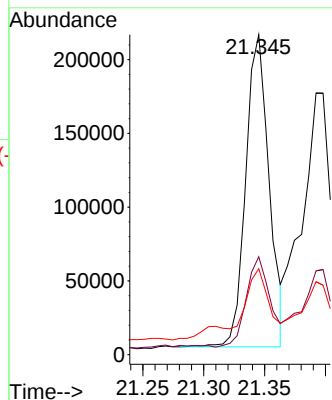
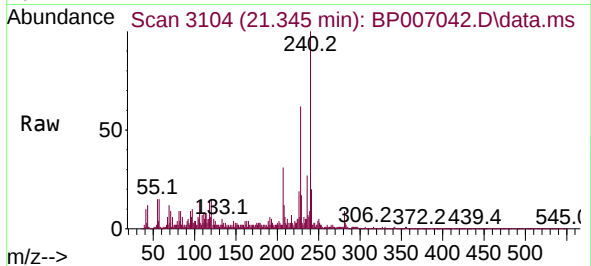




#81
Benzo(a)anthracene
Concen: 2.228 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

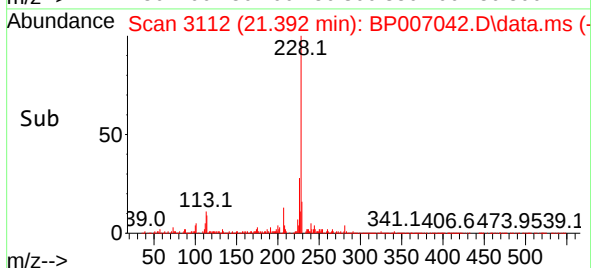
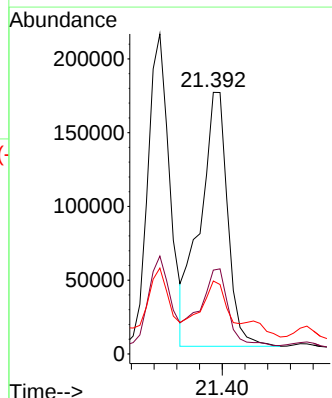
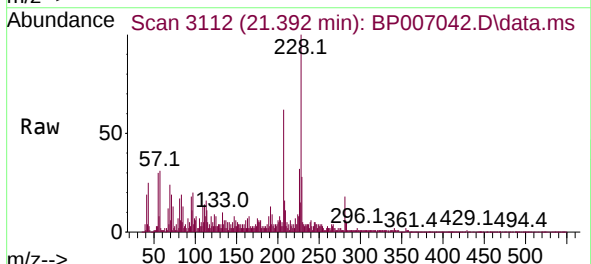
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

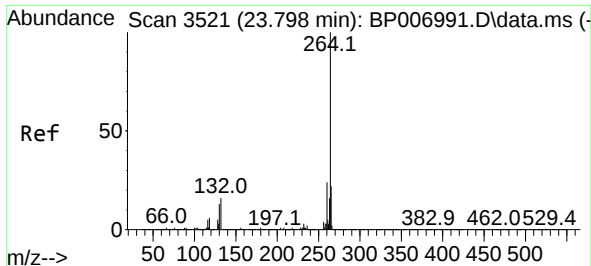
Tgt Ion:228 Resp: 282804
Ion Ratio Lower Upper
228 100
226 30.6 21.6 32.4
229 26.8 15.8 23.6#



#83
Chrysene
Concen: 2.353 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:228 Resp: 293018
Ion Ratio Lower Upper
228 100
226 32.0 23.8 35.6
229 27.9 15.4 23.2#

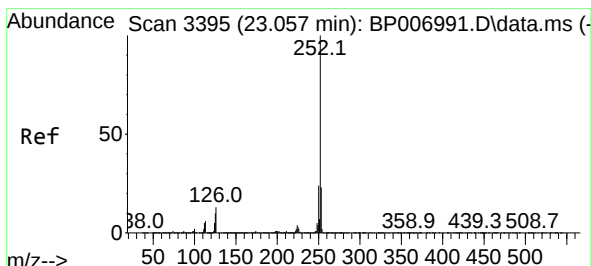
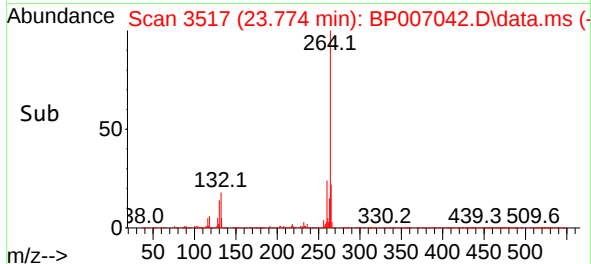
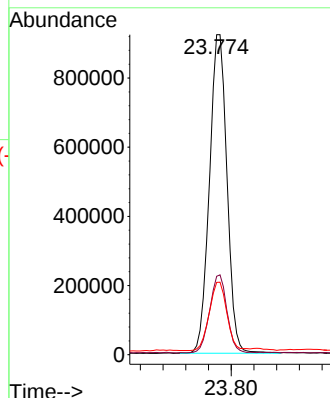
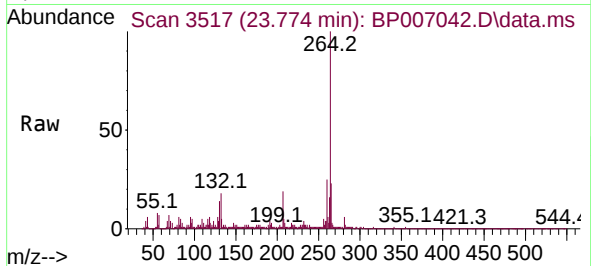




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

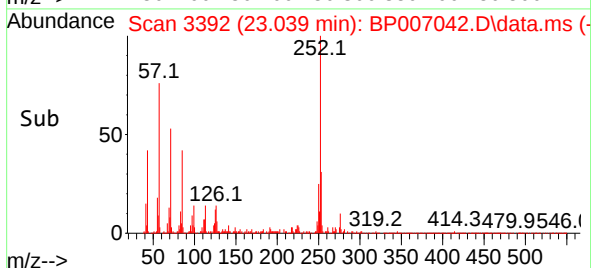
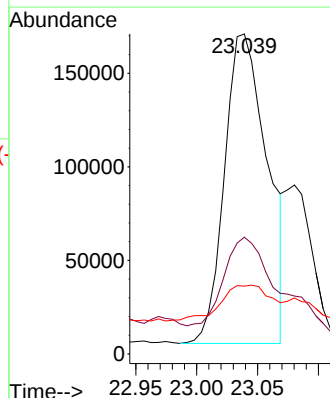
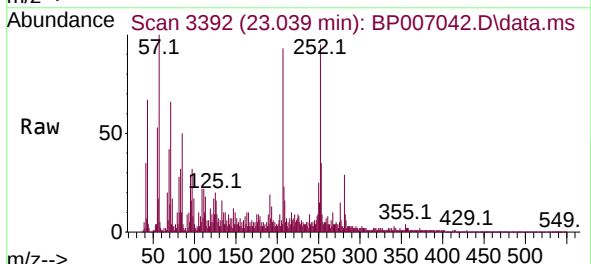
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

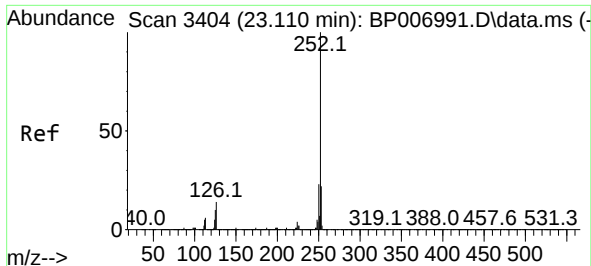
Tgt Ion:264 Resp: 1971065
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.6 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 3.015 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:252 Resp: 403700
Ion Ratio Lower Upper
252 100
253 36.5 17.5 26.3#
125 21.2 6.2 9.4#

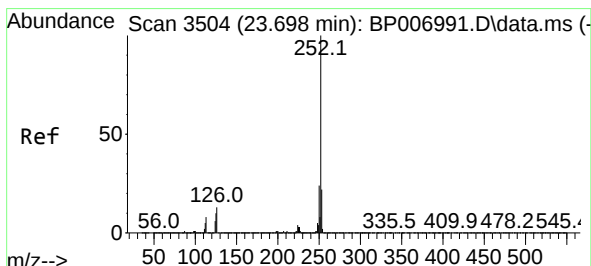
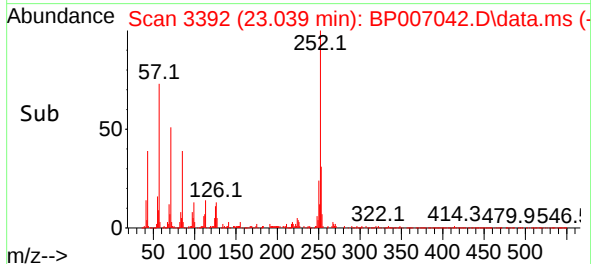
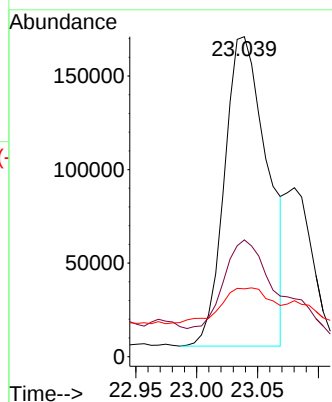
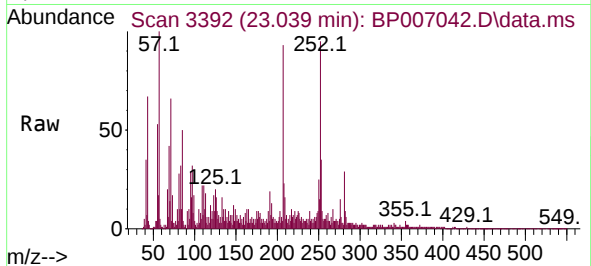




#89
Benzo(k)fluoranthene
Concen: 3.098 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.053 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

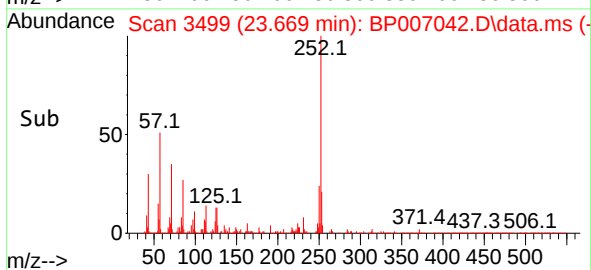
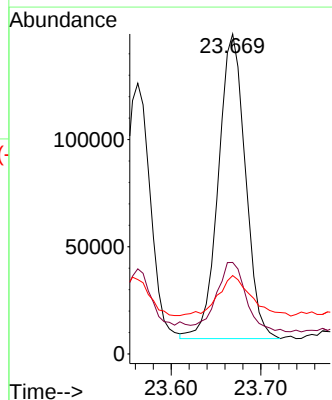
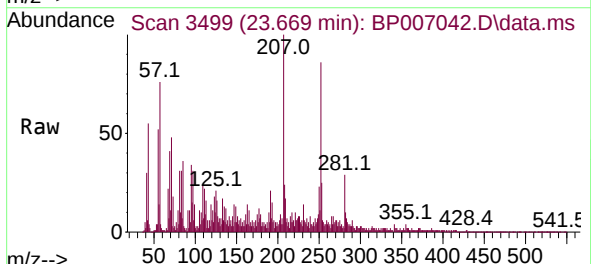
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

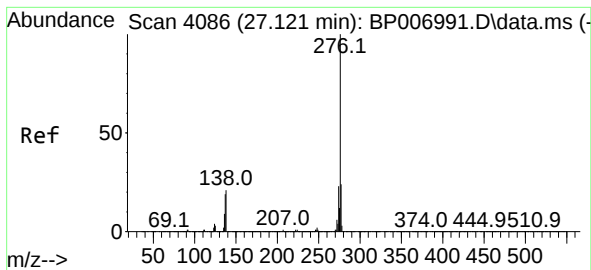
Tgt Ion:252 Resp: 403700
Ion Ratio Lower Upper
252 100
253 36.5 17.6 26.4#
125 21.2 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.472 ng
RT: 23.669 min Scan# 3499
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:252 Resp: 296760
Ion Ratio Lower Upper
252 100
253 28.6 17.9 26.9#
125 24.5 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 2.201 ng
 RT: 27.080 min Scan# 4079
 Delta R.T. -0.006 min
 Lab File: BP007042.D
 Acq: 18 Sep 2021 00:10

Instrument :
 BNA_P
 ClientSampleId :
 HR-02-091421

Tgt Ion:	276	Resp:	274821
Ion	Ratio	Lower	Upper
276	100		
277	29.2	18.9	28.3#
138	28.5	12.6	18.8#

