

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
 Data File : BP008388.D
 Acq On : 13 Dec 2021 21:48
 Operator : CG/JU
 Sample : M5051-01DL2 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P-1DL2

Quant Time: Dec 14 02:21:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

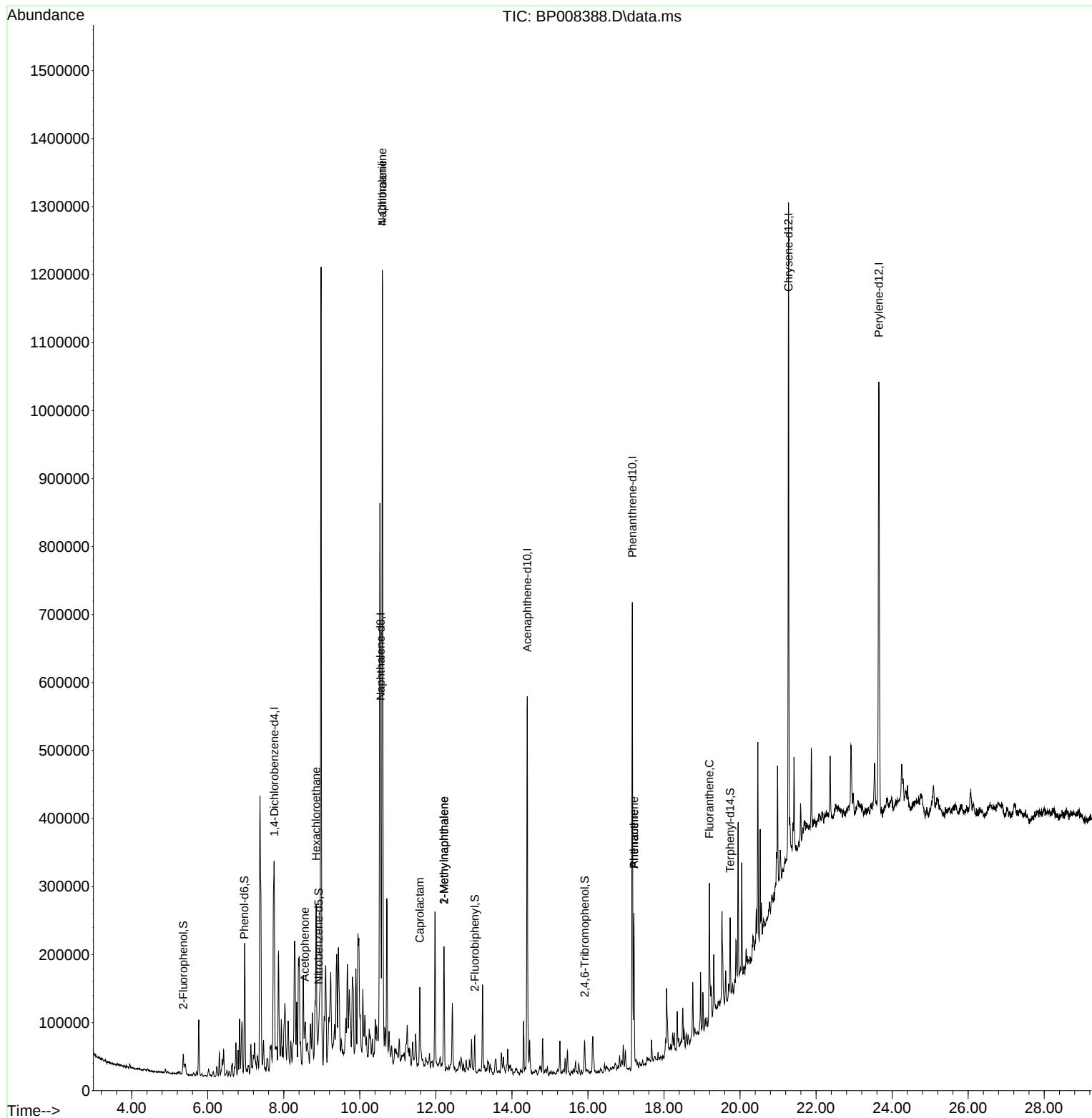
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	75851	20.000	ng	-0.01
21) Naphthalene-d8	10.546	136	280497	20.000	ng	-0.01
39) Acenaphthene-d10	14.404	164	187354	20.000	ng	-0.01
64) Phenanthrene-d10	17.169	188	399976	20.000	ng	#-0.01
76) Chrysene-d12	21.274	240	451943	20.000	ng	-0.01
86) Perylene-d12	23.651	264	503776	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	14206	3.016	ng	0.00
7) Phenol-d6	6.963	99	17085	2.687	ng	0.01
23) Nitrobenzene-d5	8.916	82	14506	2.352	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	7520	3.140	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	29726	2.305	ng	-0.01
79) Terphenyl-d14	19.739	244	52445	2.425	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.893	77	3024	Below Cal	#	1
18) Hexachloroethane	8.852	117	11537	5.498	ng	# 1
22) Acetophenone	8.552	105	24602	3.207	ng	# 60
31) Naphthalene	10.593	128	838288	58.340	ng	99
33) 4-Chloroaniline	10.593	127	114755	19.251	ng	# 33
35) Caprolactam	11.575	113	4268	4.168	ng	# 55
37) 2-Methylnaphthalene	12.216	142	79491	7.822	ng	98
38) 1-Methylnaphthalene	12.216	142	79491	8.036	ng	97
71) Phenanthrene	17.210	178	136707	6.474	ng	99
72) Anthracene	17.210	178	136707	6.523	ng	99
75) Fluoranthene	19.192	202	64530	2.268	ng	98
78) Pyrene	19.545	202	45608	Below Cal		96

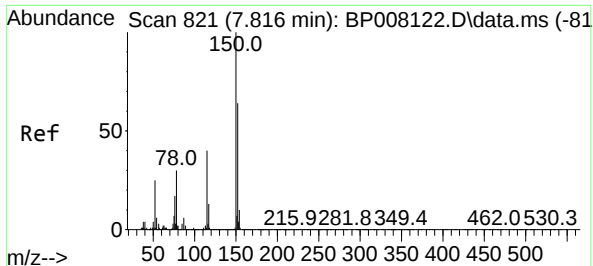
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration

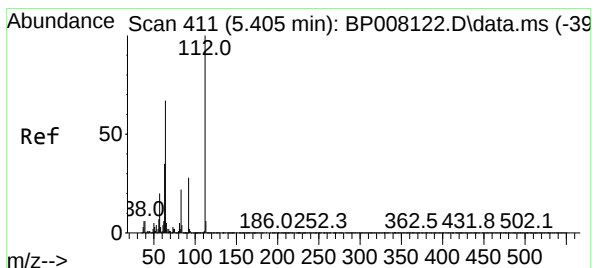
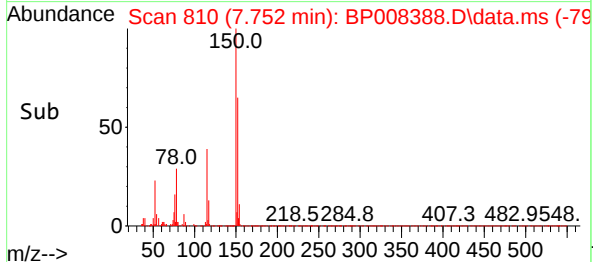
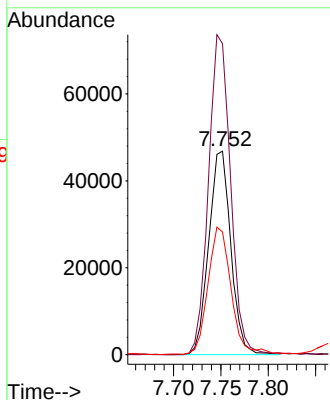
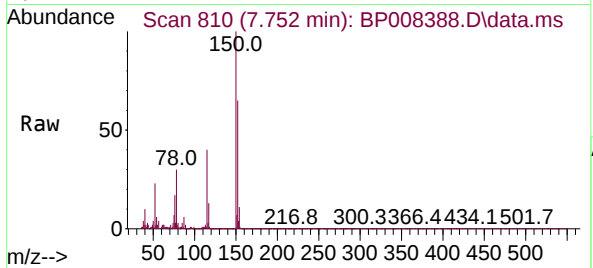




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

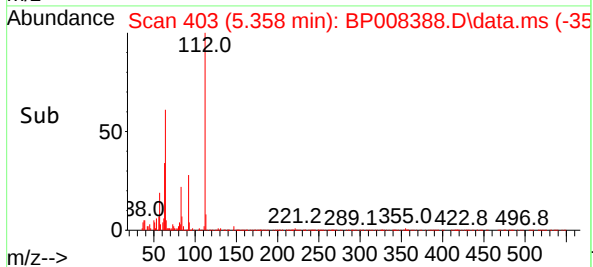
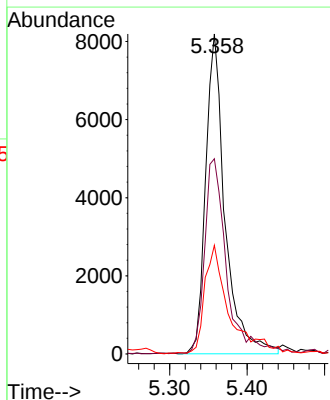
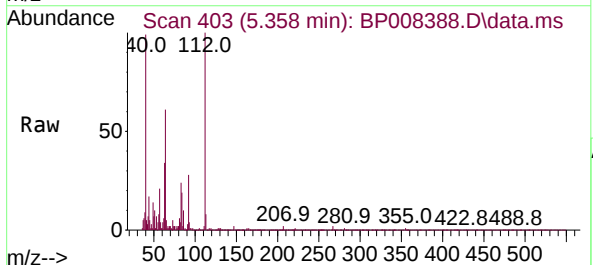
Instrument :
BNA_P
ClientSampleId :
P-1DL2

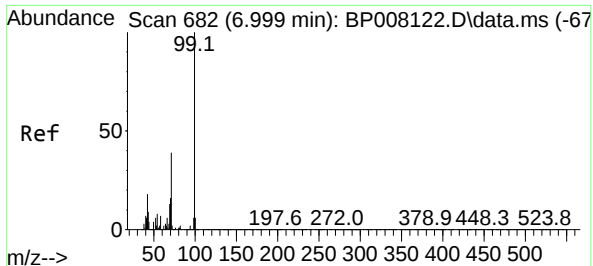
Tgt Ion:152 Resp: 75851
Ion Ratio Lower Upper
152 100
150 152.7 125.7 188.5
115 60.3 50.7 76.1



#5
2-Fluorophenol
Concen: 3.016 ng
RT: 5.358 min Scan# 403
Delta R.T. 0.000 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

Tgt Ion:112 Resp: 14206
Ion Ratio Lower Upper
112 100
64 61.0 53.4 80.2
63 34.0 27.8 41.8





#7

Phenol-d6

Concen: 2.687 ng

RT: 6.963 min Scan# 61

Delta R.T. 0.012 min

Lab File: BP008388.D

Acq: 13 Dec 2021 21:48

Instrument :

BNA_P

ClientSampleId :

P-1DL2

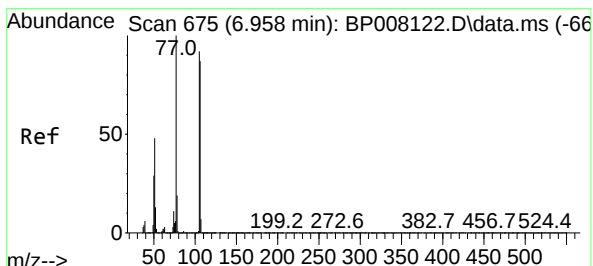
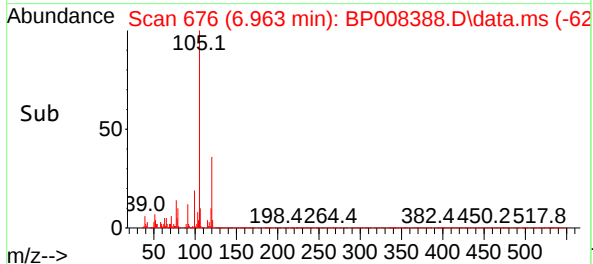
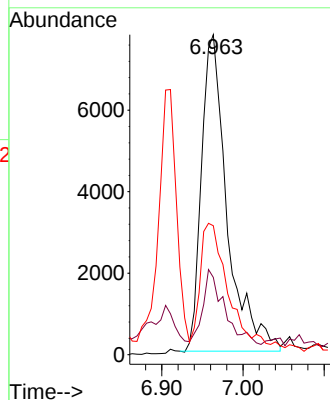
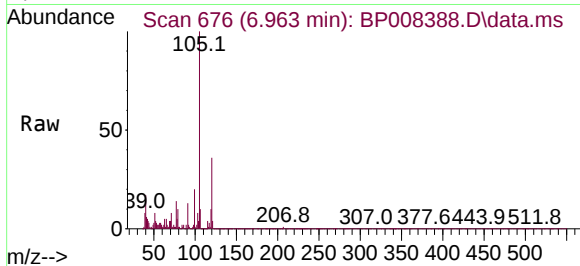
Tgt Ion: 99 Resp: 17085

Ion Ratio Lower Upper

99 100

42 24.2 14.6 22.0#

71 40.3 31.1 46.7



#9

Benzaldehyde

Concen: Below Cal

RT: 6.893 min Scan# 664

Delta R.T. -0.018 min

Lab File: BP008388.D

Acq: 13 Dec 2021 21:48

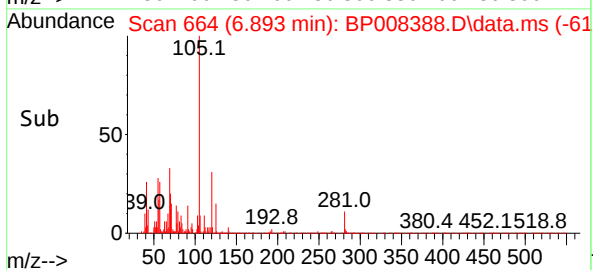
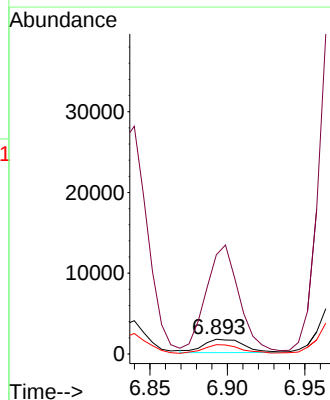
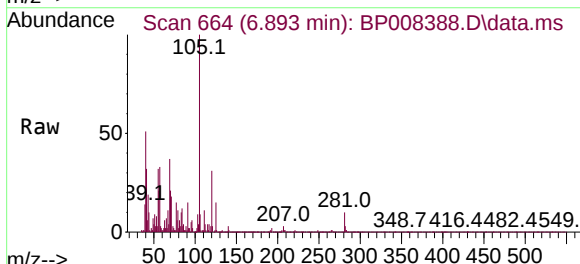
Tgt Ion: 77 Resp: 3024

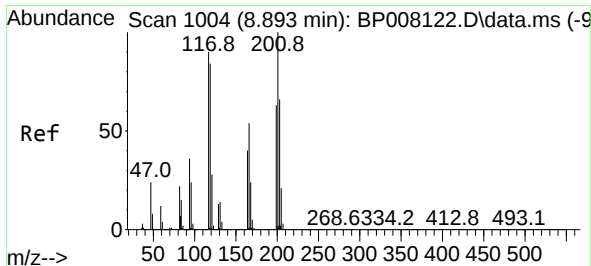
Ion Ratio Lower Upper

77 100

105 672.8 71.8 111.8#

106 62.9 67.3 107.3#

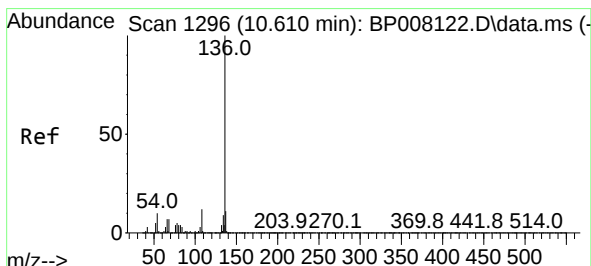
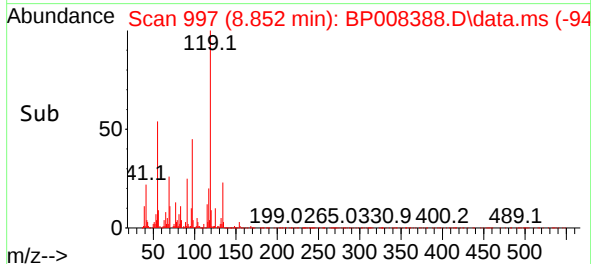
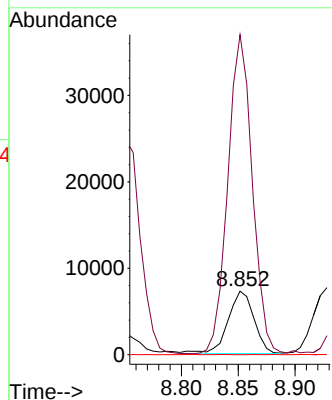
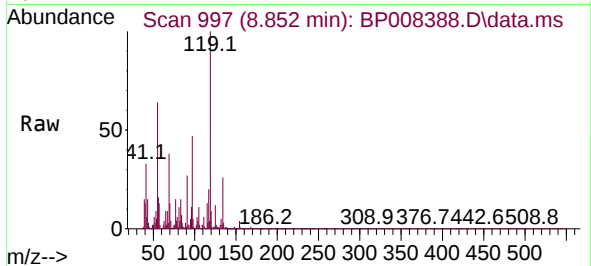




#18
Hexachloroethane
Concen: 5.498 ng
RT: 8.852 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

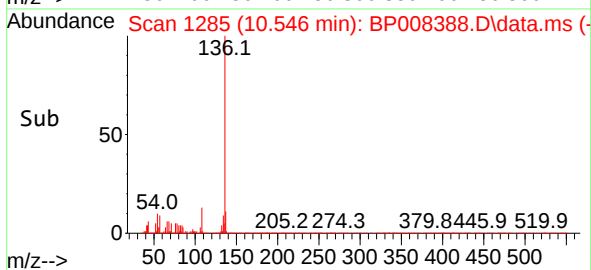
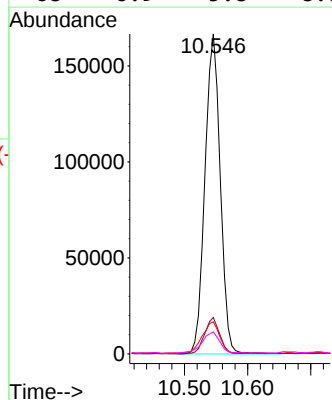
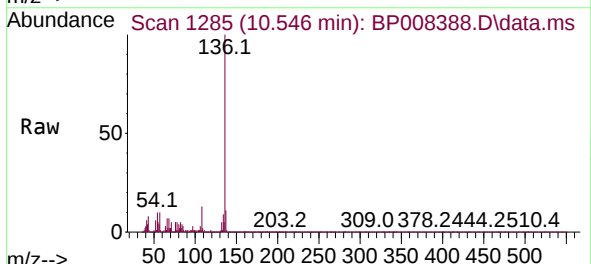
Instrument :
BNA_P
ClientSampleId :
P-1DL2

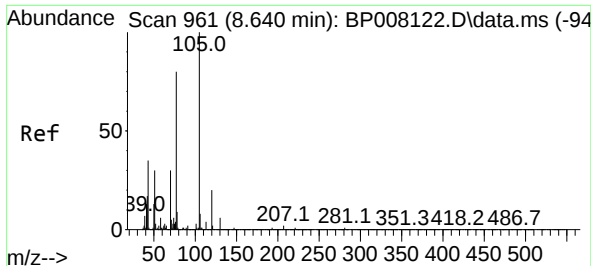
Tgt Ion:117 Resp: 11537
Ion Ratio Lower Upper
117 100
119 504.1 74.7 112.1#
201 0.1 88.6 132.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

Tgt Ion:136 Resp: 280497
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.1 8.2 12.4
68 6.9 5.8 8.8

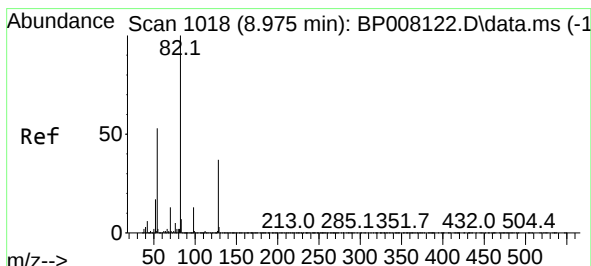
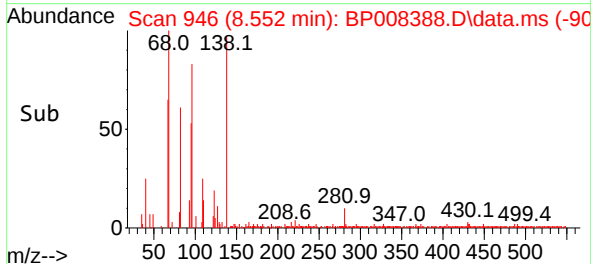
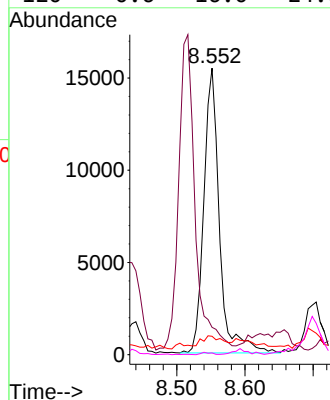
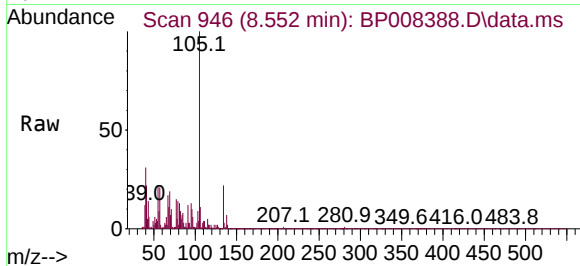




#22
Acetophenone
Concen: 3.207 ng
RT: 8.552 min Scan# 94
Delta R.T. -0.041 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

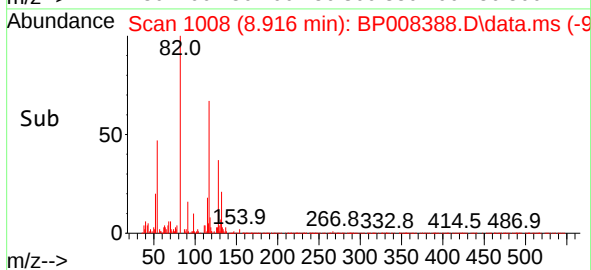
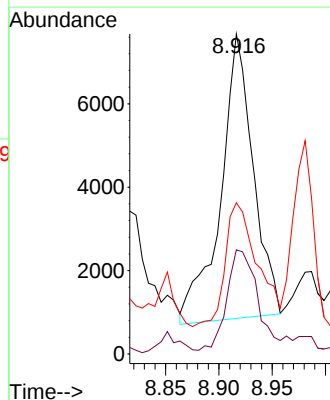
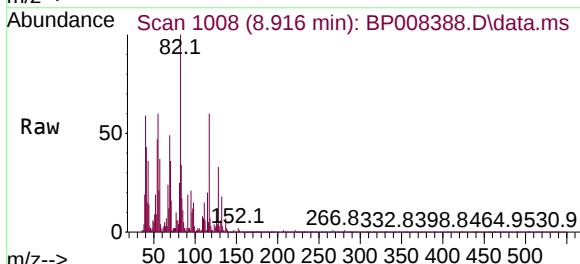
Instrument :
BNA_P
ClientSampleId :
P-1DL2

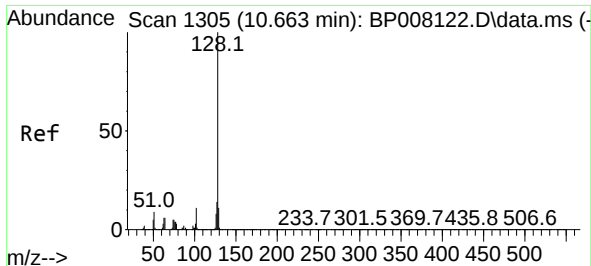
Tgt Ion:	105	Resp:	24602
Ion Ratio	Lower	Upper	
105	100		
71	9.5	4.0	6.0#
51	6.4	23.8	35.6#
120	0.6	16.0	24.0#



#23
Nitrobenzene-d5
Concen: 2.352 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

Tgt Ion:	82	Resp:	14506
Ion Ratio	Lower	Upper	
82	100		
128	32.5	29.6	44.4
54	47.3	42.7	64.1

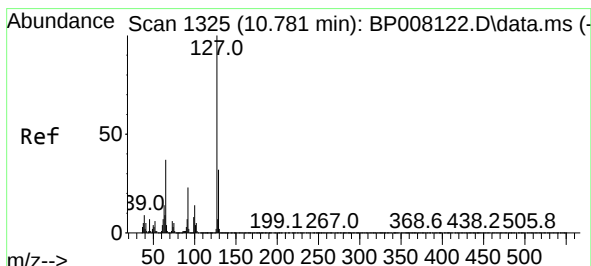
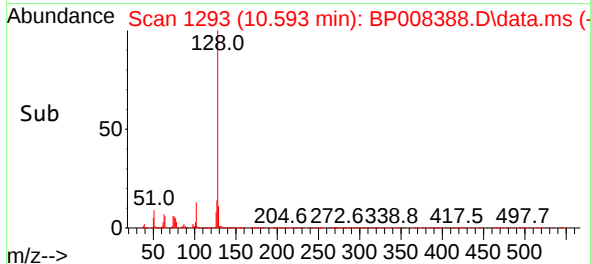
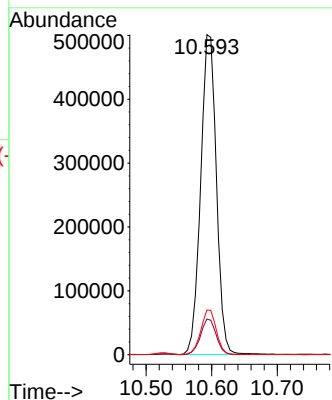
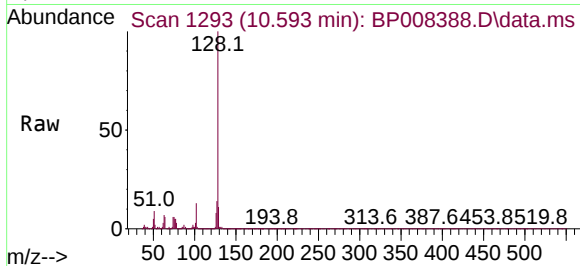




#31
Naphthalene
Concen: 58.340 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

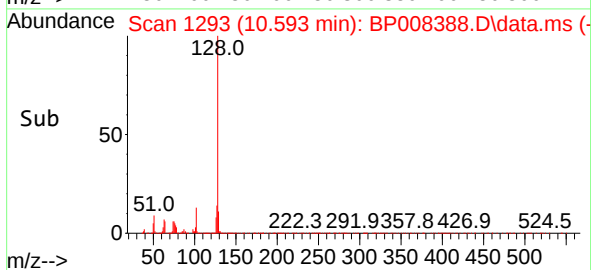
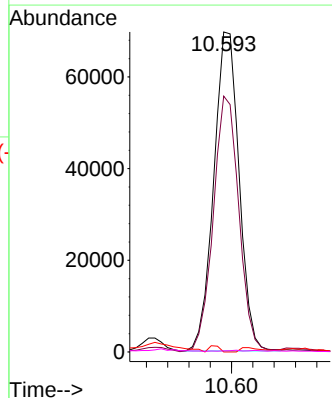
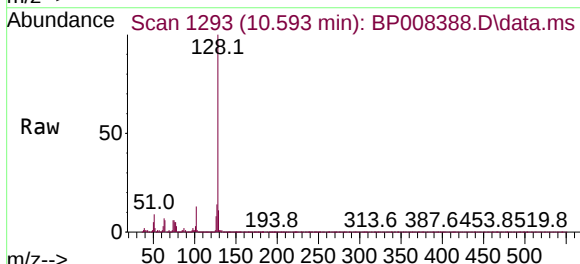
Instrument :
BNA_P
ClientSampleId :
P-1DL2

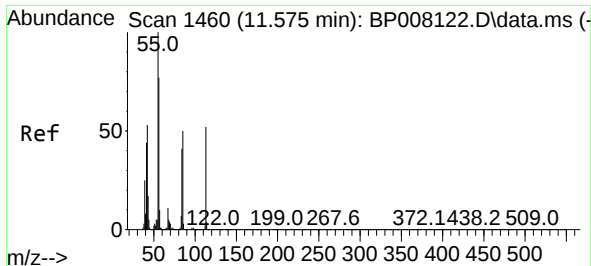
Tgt Ion:128 Resp: 838288
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.9 10.9 16.3



#33
4-Chloroaniline
Concen: 19.251 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.141 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

Tgt Ion:127 Resp: 114755
Ion Ratio Lower Upper
127 100
129 80.0 25.4 38.2#
65 0.0 29.5 44.3#
92 0.3 18.2 27.4#

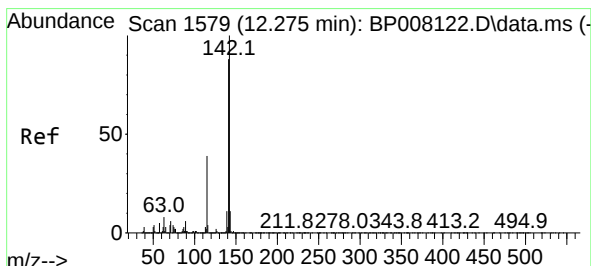
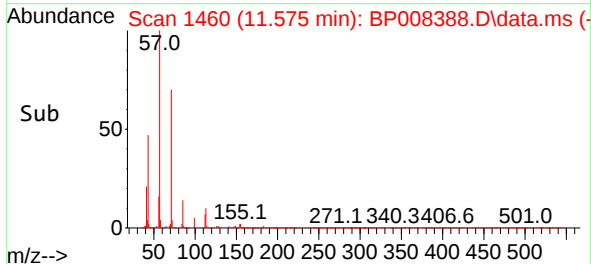
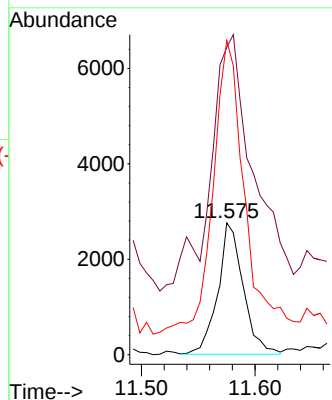
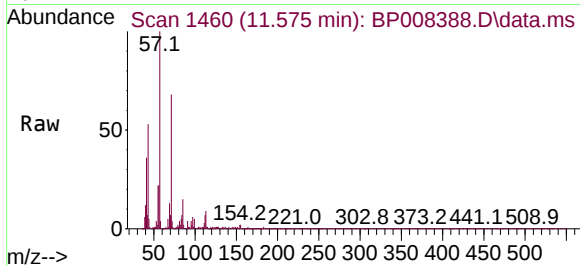




#35
Caprolactam
Concen: 4.168 ng
RT: 11.575 min Scan# 1460
Delta R.T. 0.035 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

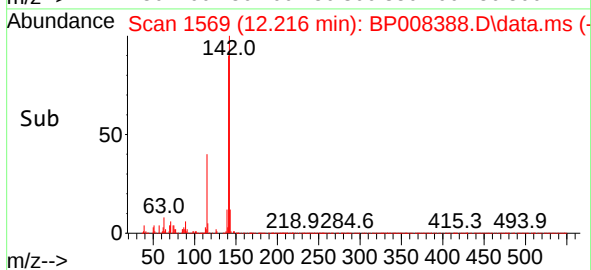
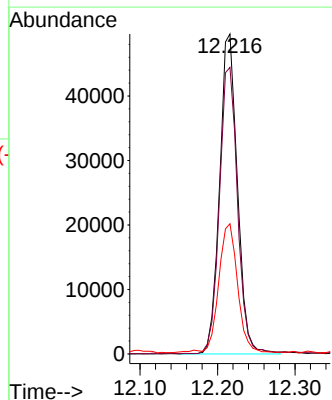
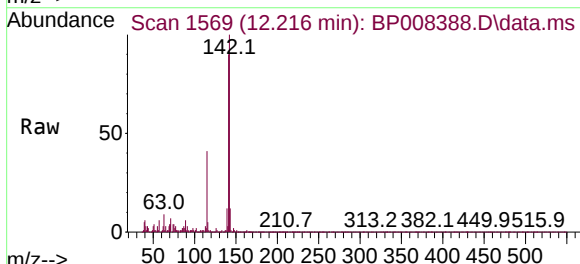
Instrument :
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P-1DL2

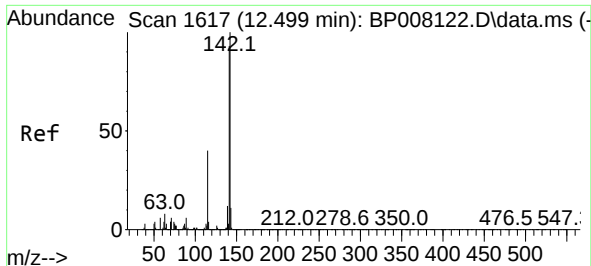
Tgt Ion:113 Resp: 4268
Ion Ratio Lower Upper
113 100
55 233.1 174.2 214.2#
56 238.4 130.3 170.3#



#37
2-Methylnaphthalene
Concen: 7.822 ng
RT: 12.216 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

Tgt Ion:142 Resp: 79491
Ion Ratio Lower Upper
142 100
141 89.6 70.7 106.1
115 40.7 30.9 46.3

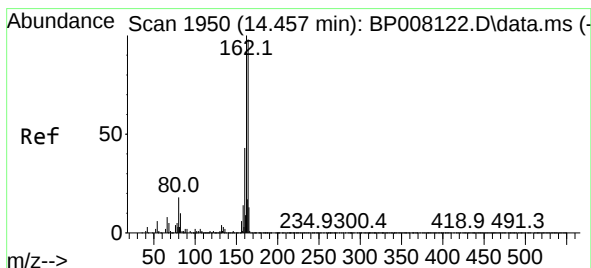
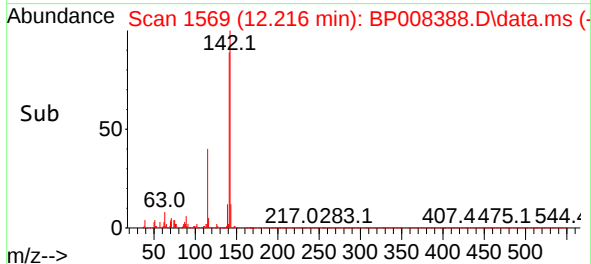
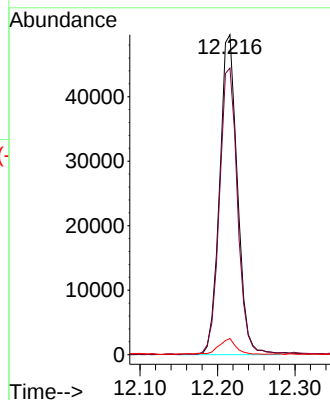
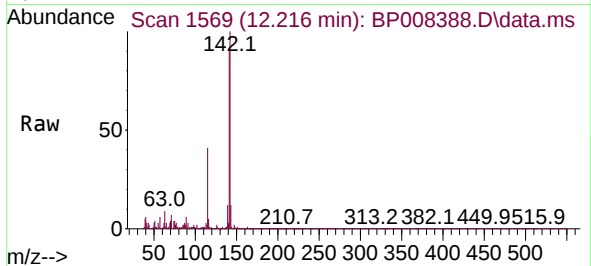




#38
1-Methylnaphthalene
Concen: 8.036 ng
RT: 12.216 min Scan# 11
Delta R.T. -0.229 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

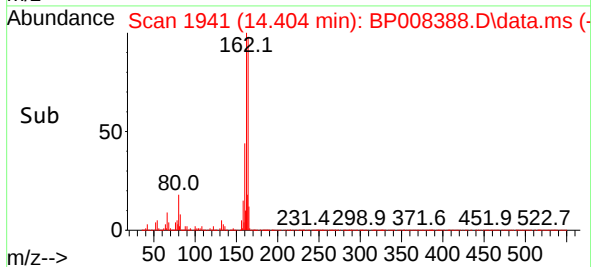
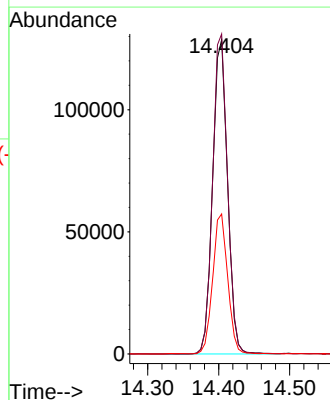
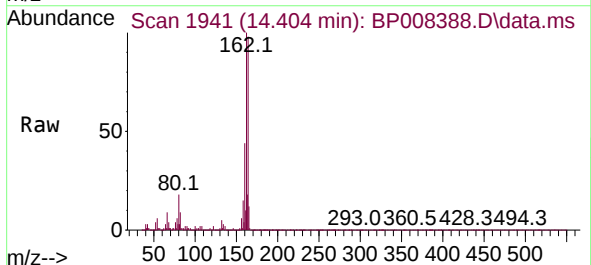
Instrument :
BNA_P
ClientSampleId :
P-1DL2

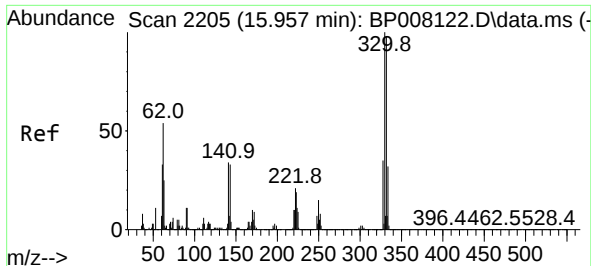
Tgt Ion:	142	Resp:	79491
Ion Ratio	Lower	Upper	
142	100		
141	89.6	74.2	111.4
116	5.0	3.4	5.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

Tgt Ion:	164	Resp:	187354
Ion Ratio	Lower	Upper	
164	100		
162	101.8	81.9	122.9
160	44.6	35.4	53.0

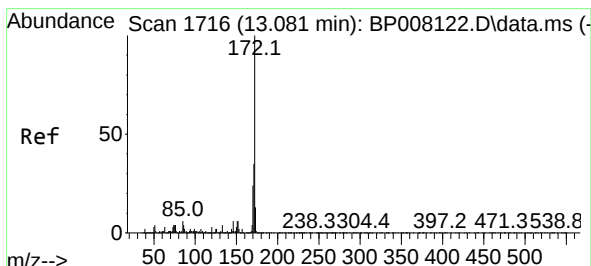
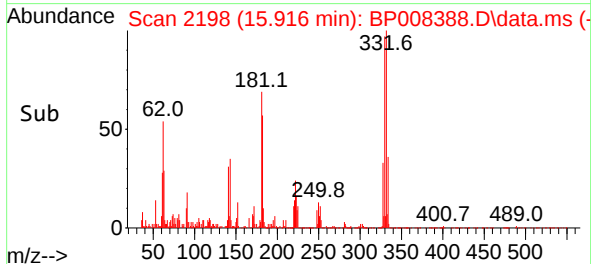
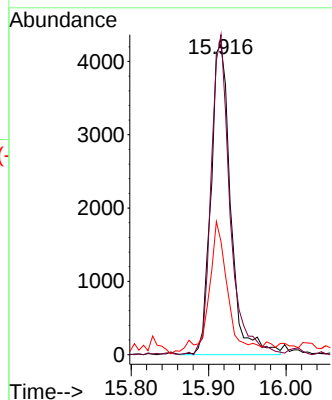
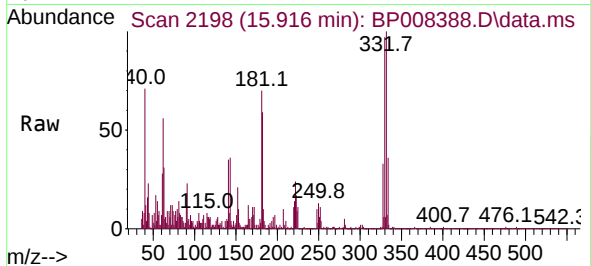




#42
2,4,6-Tribromophenol
Concen: 3.140 ng
RT: 15.916 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

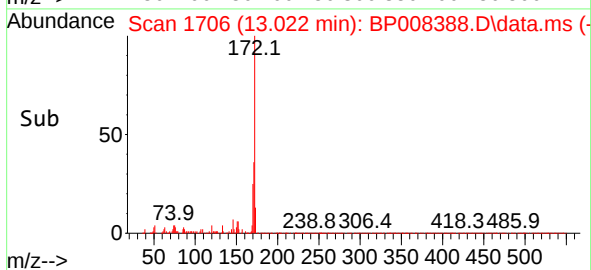
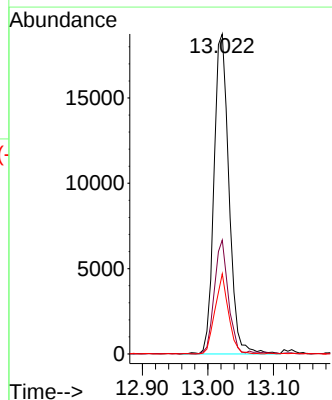
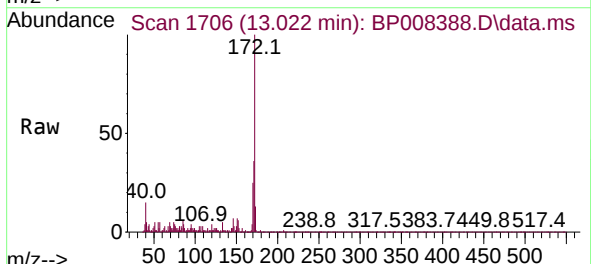
Instrument :
BNA_P
ClientSampleId :
P-1DL2

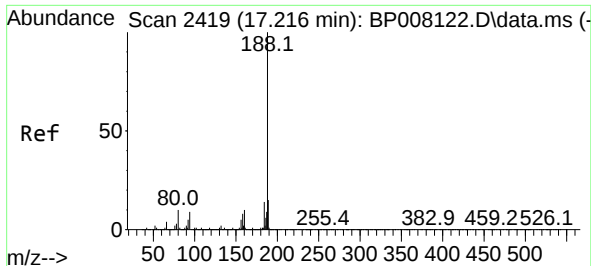
Tgt Ion: 330 Resp: 7520
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.4
141 41.1 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 2.305 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.012 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

Tgt Ion: 172 Resp: 29726
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 25.1 18.9 28.3

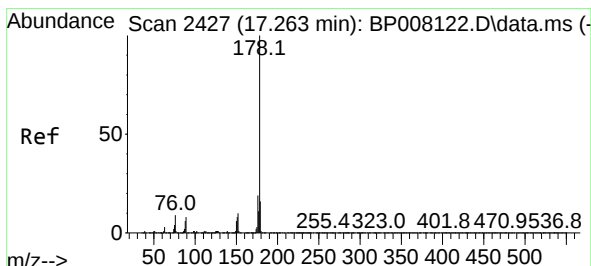
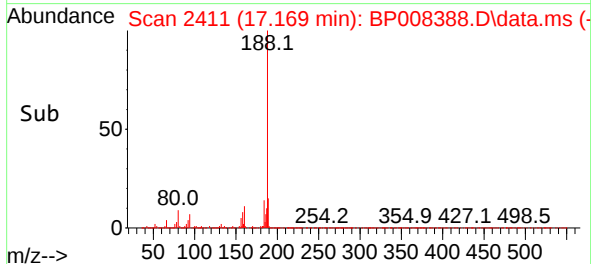
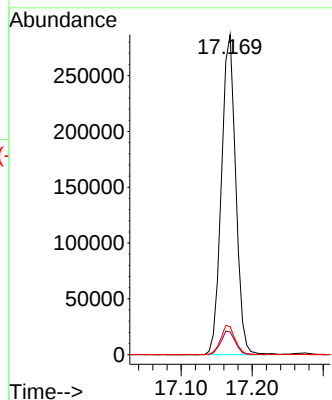
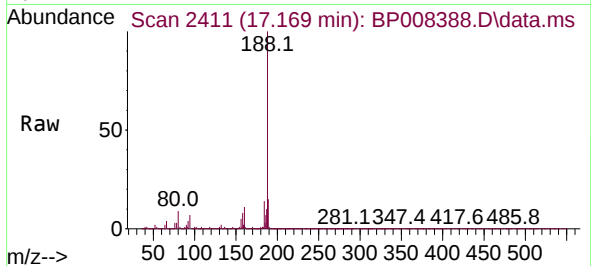




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

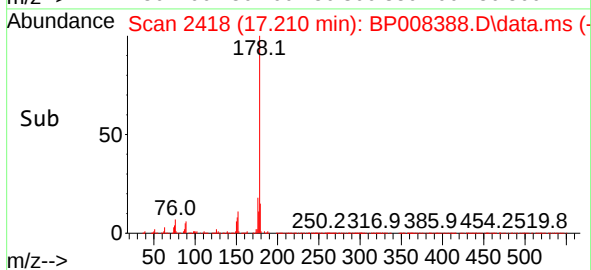
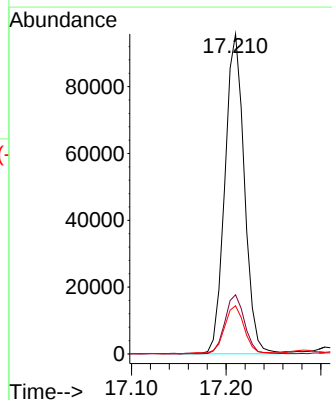
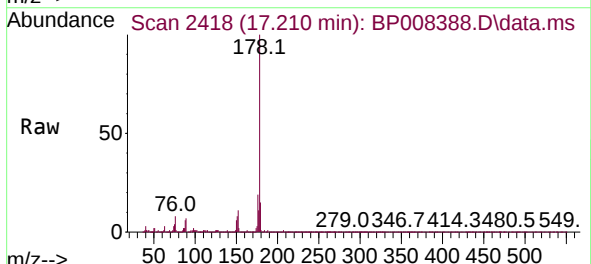
Instrument :
BNA_P
ClientSampleId :
P-1DL2

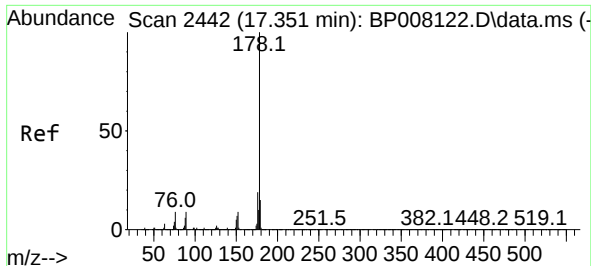
Tgt Ion:188 Resp: 399976
Ion Ratio Lower Upper
188 100
94 7.1 7.2 10.8#
80 8.8 8.2 12.4



#71
Phenanthrene
Concen: 6.474 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

Tgt Ion:178 Resp: 136707
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.0 12.5 18.7

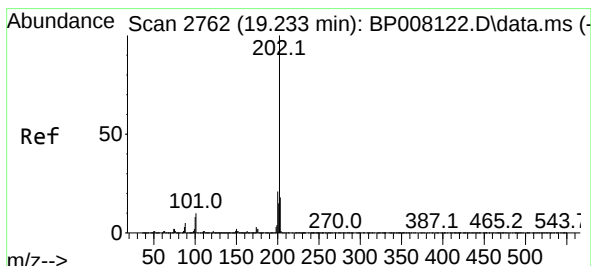
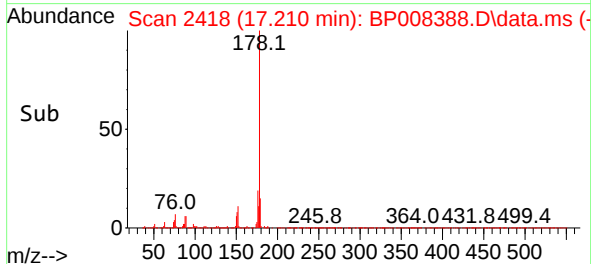
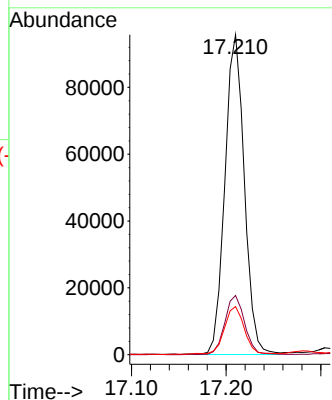
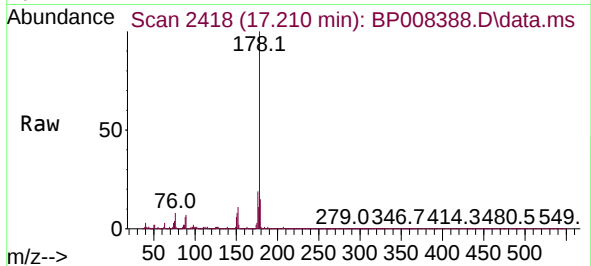




#72
 Anthracene
 Concen: 6.523 ng
 RT: 17.210 min Scan# 2442
 Delta R.T. -0.106 min
 Lab File: BP008388.D
 Acq: 13 Dec 2021 21:48

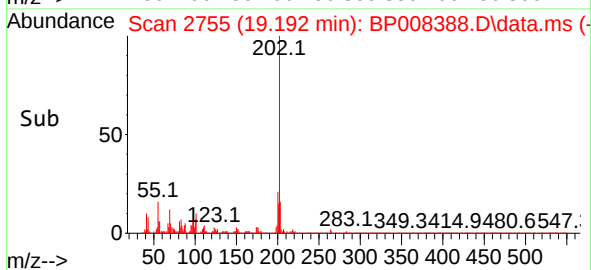
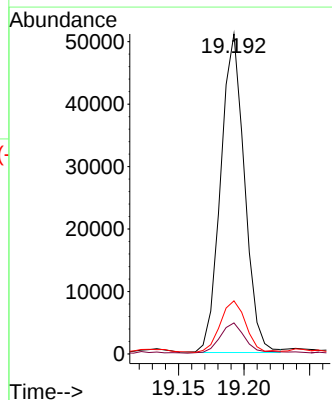
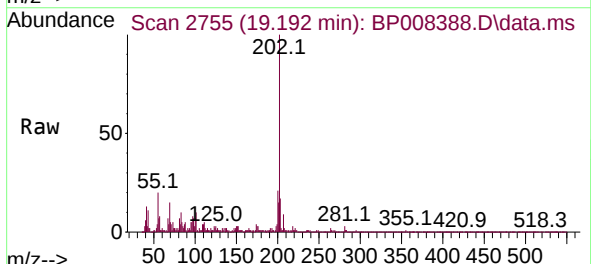
Instrument :
 BNA_P
 ClientSampleId :
 P-1DL2

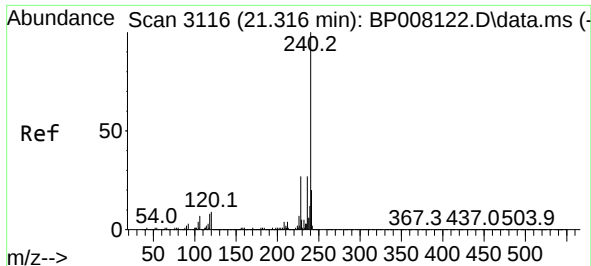
Tgt Ion:178 Resp: 136707
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.1 22.7
 179 15.0 12.3 18.5



#75
 Fluoranthene
 Concen: 2.268 ng
 RT: 19.192 min Scan# 2755
 Delta R.T. -0.012 min
 Lab File: BP008388.D
 Acq: 13 Dec 2021 21:48

Tgt Ion:202 Resp: 64530
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 29.8
 203 16.6 0.0 37.7

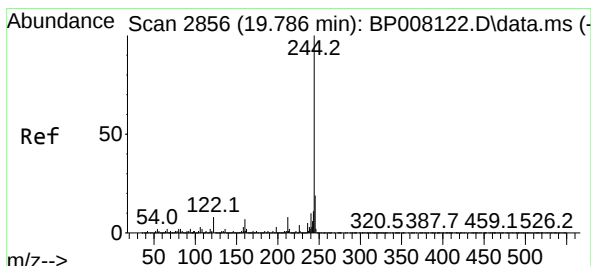
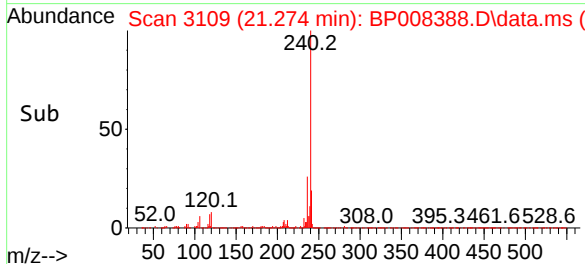
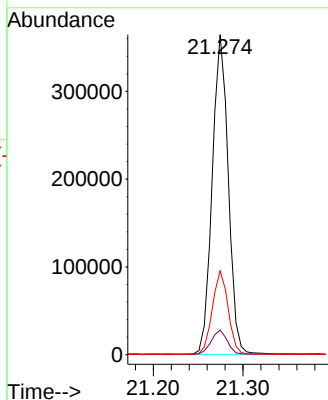
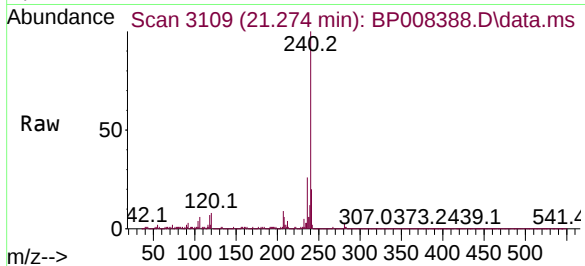




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

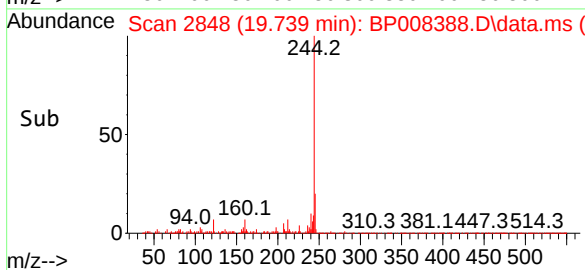
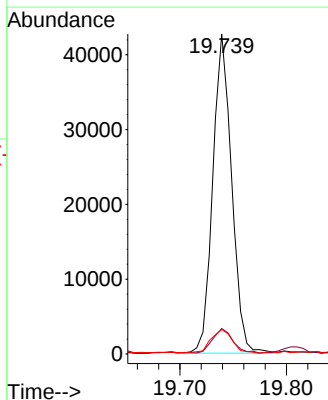
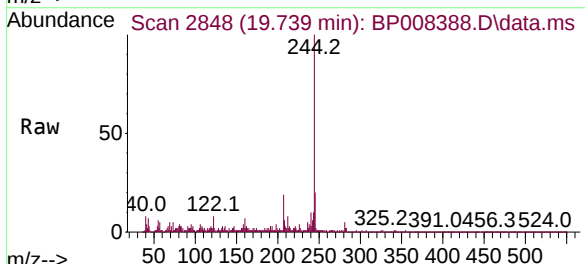
Instrument :
BNA_P
ClientSampleId :
P-1DL2

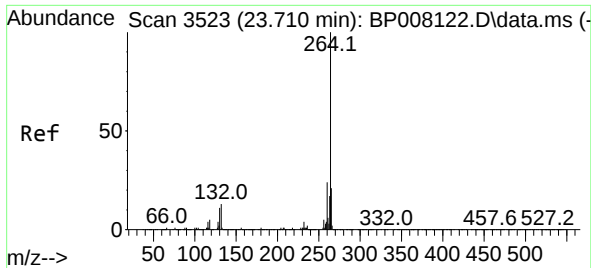
Tgt Ion:	240	Resp:	451943
Ion Ratio	Lower	Upper	
240	100		
120	7.7	7.3	10.9
236	26.2	21.4	32.2



#79
Terphenyl-d14
Concen: 2.425 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.018 min
Lab File: BP008388.D
Acq: 13 Dec 2021 21:48

Tgt Ion:	244	Resp:	52445
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.0	9.0
122	7.6	6.6	9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.651 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: BP008388.D
 Acq: 13 Dec 2021 21:48

Instrument :
 BNA_P
 ClientSampleId :
 P-1DL2

Tgt Ion:264 Resp: 503776
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 22.2 17.6 26.4

