

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008213.D
 Acq On : 03 Dec 2021 19:42
 Operator : CG/JU
 Sample : M4917-06 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUP120121

Quant Time: Dec 06 00:00:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

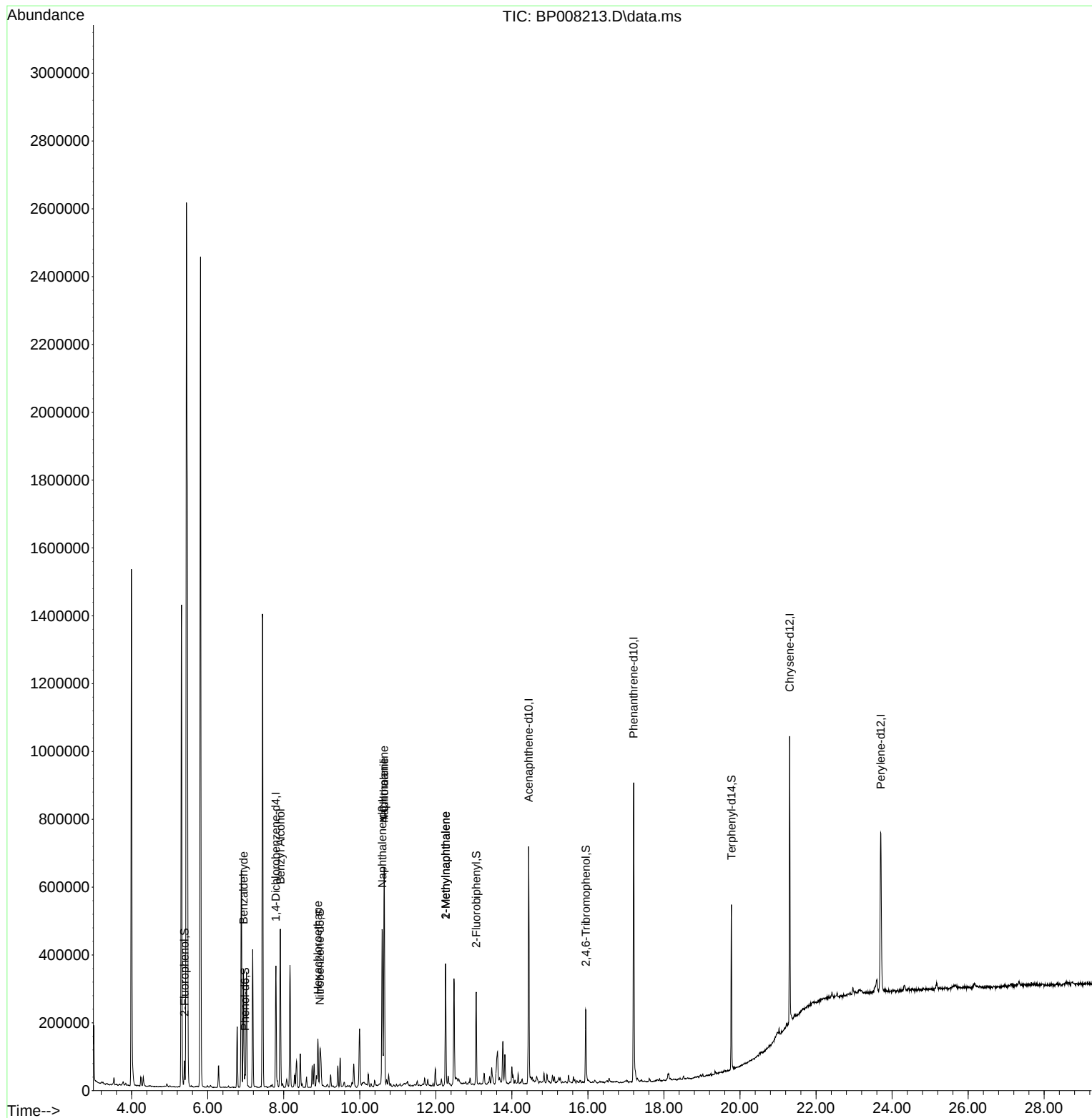
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	91381	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	358591	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	242889	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	542257	20.000	ng	0.00
76) Chrysene-d12	21.304	240	441413	20.000	ng	-0.01
86) Perylene-d12	23.704	264	408205	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	29963	5.279	ng	0.00
7) Phenol-d6	6.981	99	22151	2.891	ng	0.00
23) Nitrobenzene-d5	8.952	82	63331	8.031	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	45979	14.810	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	147027	8.793	ng	0.00
79) Terphenyl-d14	19.775	244	229175	10.851	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.940	77	27476	2.283	ng	# 1
15) Benzyl Alcohol	7.910	79	26680	4.395	ng	# 16
18) Hexachloroethane	8.899	117	15575	6.161	ng	# 1
31) Naphthalene	10.640	128	481644	26.220	ng	100
33) 4-Chloroaniline	10.640	127	64339	8.443	ng	# 33
37) 2-Methylnaphthalene	12.257	142	153408	11.808	ng	97
38) 1-Methylnaphthalene	12.257	142	153408	12.131	ng	98
78) Pyrene	19.575	202	1524	Below Cal		95

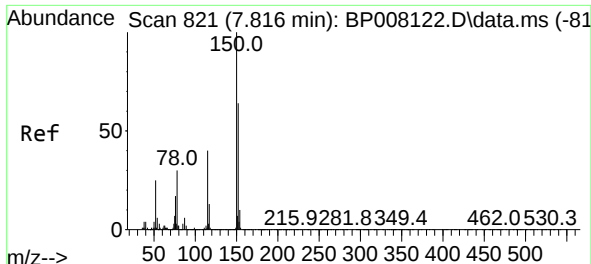
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

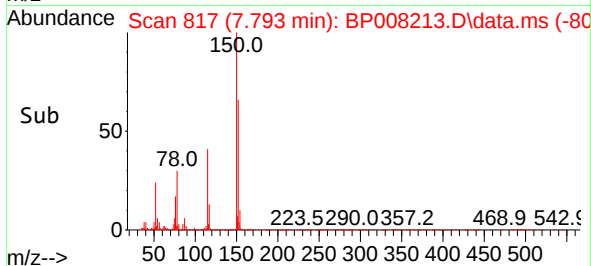
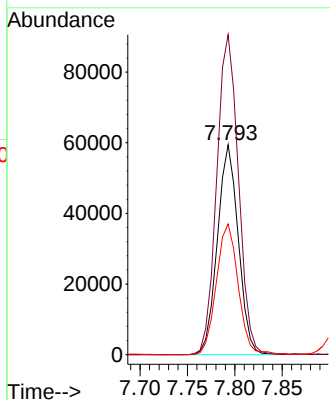
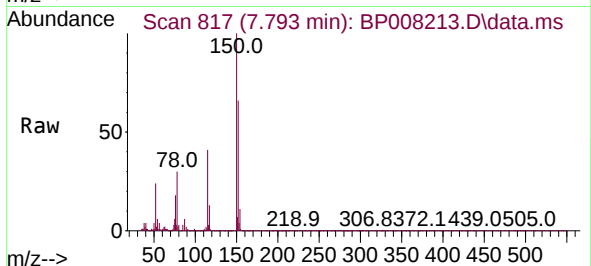




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

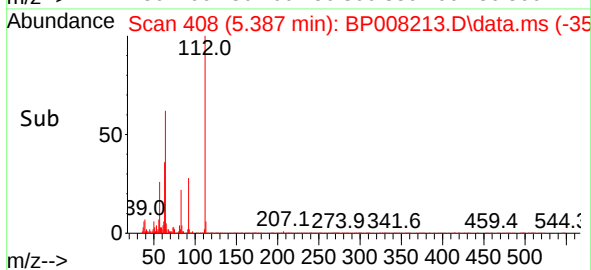
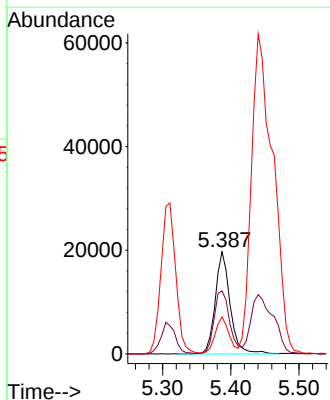
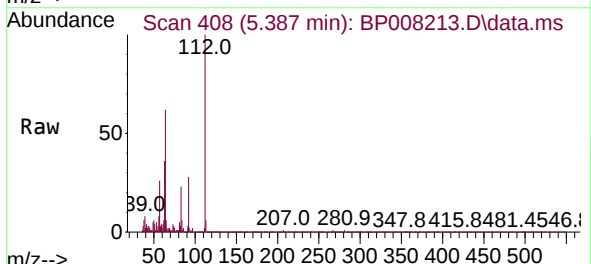
Instrument :
BNA_P
ClientSampleId :
DUP120121

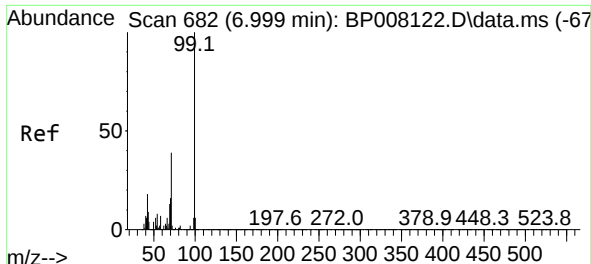
Tgt Ion:152 Resp: 91381
Ion Ratio Lower Upper
152 100
150 152.5 125.7 188.5
115 62.3 50.7 76.1



#5
2-Fluorophenol
Concen: 5.279 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

Tgt Ion:112 Resp: 29963
Ion Ratio Lower Upper
112 100
64 61.7 53.4 80.2
63 36.2 27.8 41.8





#7

Phenol-d6

Concen: 2.891 ng

RT: 6.981 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP008213.D

Acq: 03 Dec 2021 19:42

Instrument :

BNA_P

ClientSampleId :

DUP120121

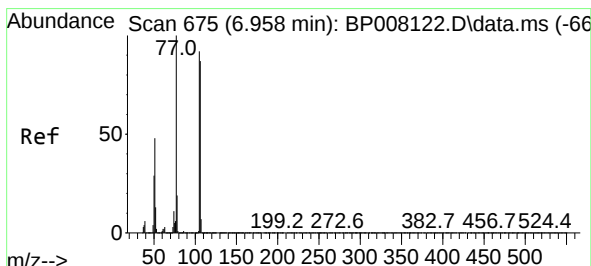
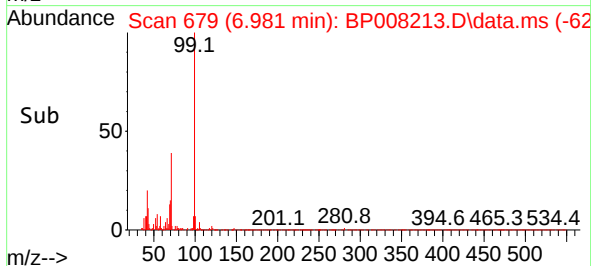
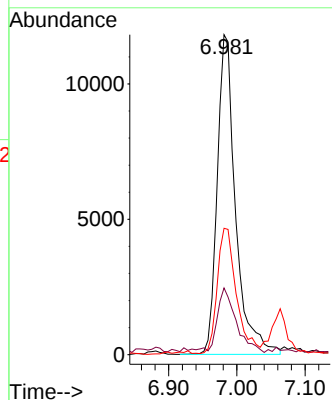
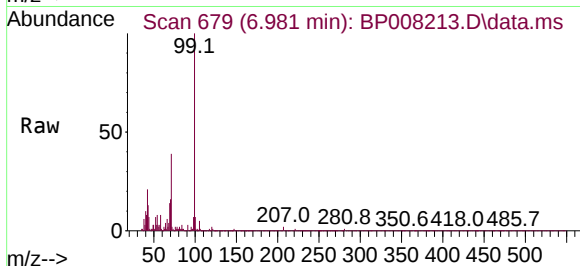
Tgt Ion: 99 Resp: 22151

Ion Ratio Lower Upper

99 100

42 20.9 14.6 22.0

71 39.5 31.1 46.7



#9

Benzaldehyde

Concen: 2.283 ng

RT: 6.940 min Scan# 672

Delta R.T. -0.000 min

Lab File: BP008213.D

Acq: 03 Dec 2021 19:42

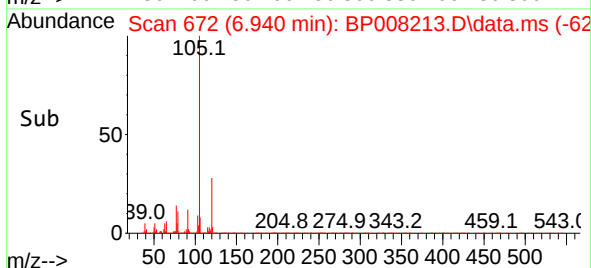
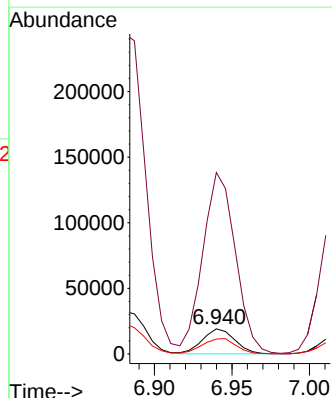
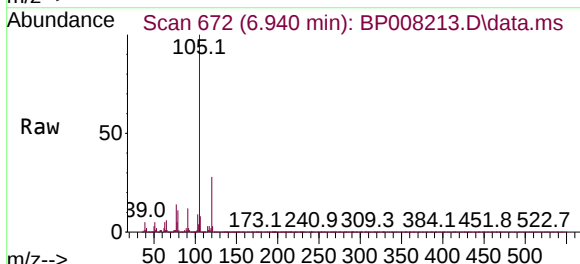
Tgt Ion: 77 Resp: 27476

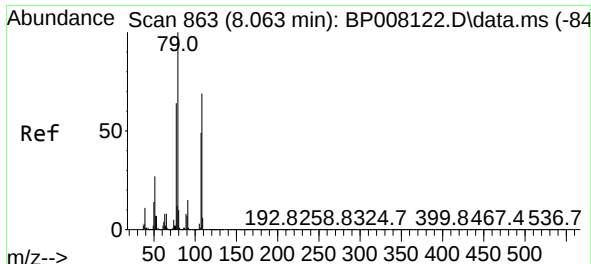
Ion Ratio Lower Upper

77 100

105 722.1 71.8 111.8#

106 59.2 67.3 107.3#

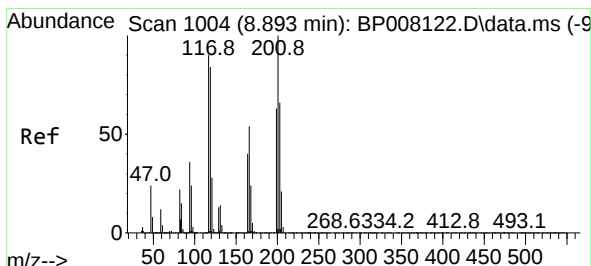
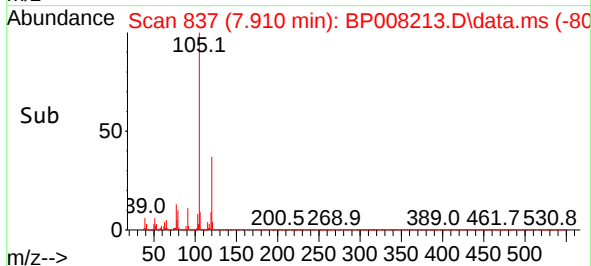
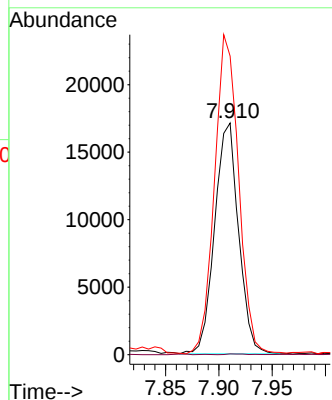
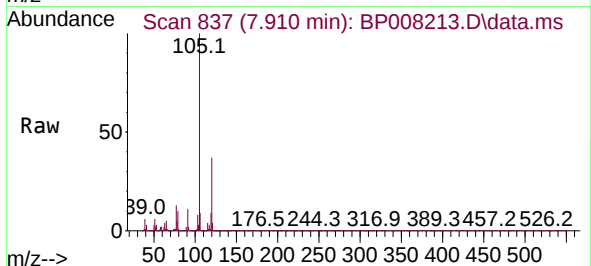




#15
Benzyl Alcohol
Concen: 4.395 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.135 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

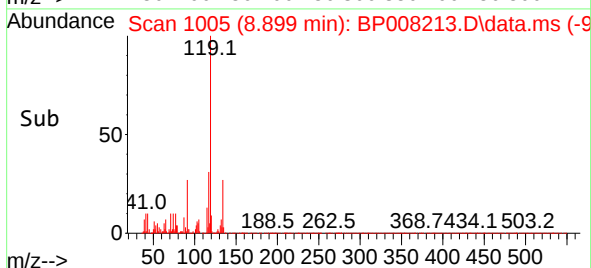
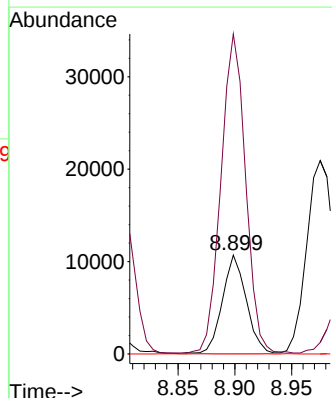
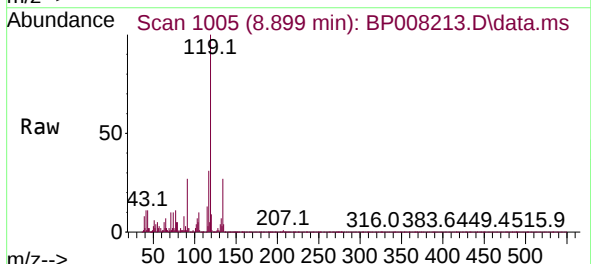
Instrument :
BNA_P
ClientSampleId :
DUP120121

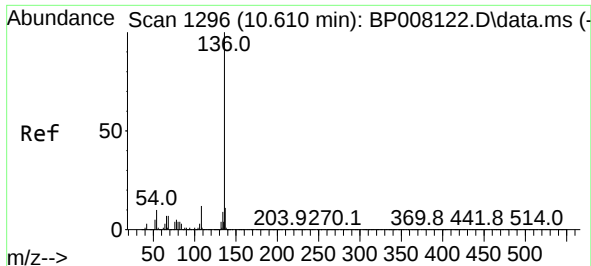
Tgt Ion: 79 Resp: 26680
Ion Ratio Lower Upper
79 100
108 0.3 55.5 83.3#
77 128.9 51.0 76.6#



#18
Hexachloroethane
Concen: 6.161 ng
RT: 8.899 min Scan# 1005
Delta R.T. 0.024 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

Tgt Ion: 117 Resp: 15575
Ion Ratio Lower Upper
117 100
119 323.5 74.7 112.1#
201 0.1 88.6 132.8#

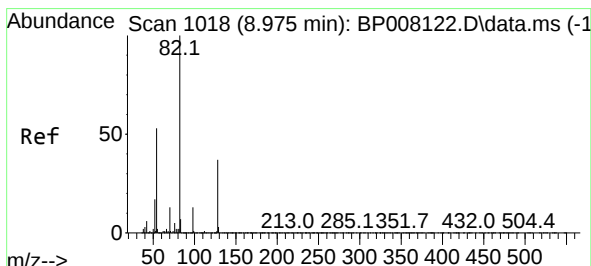
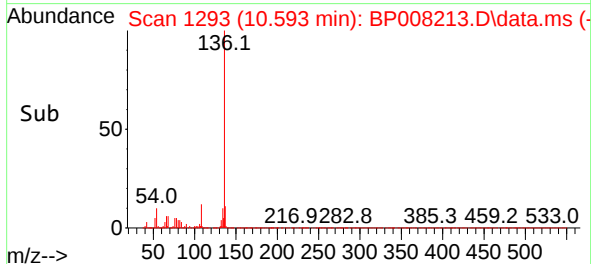
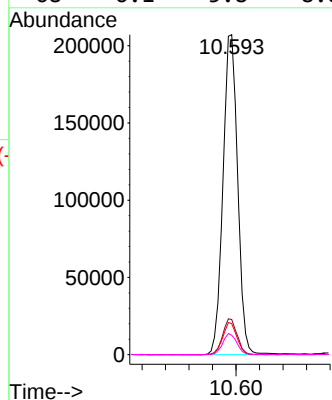
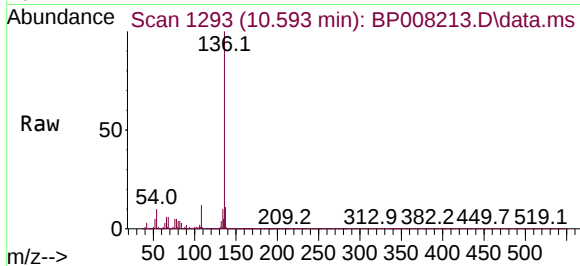




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

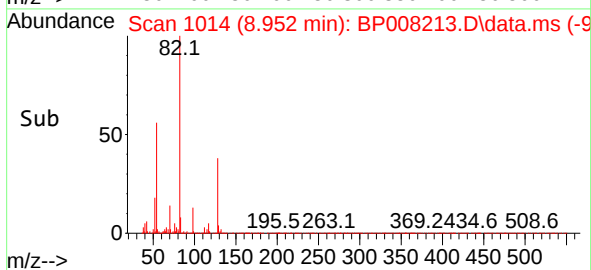
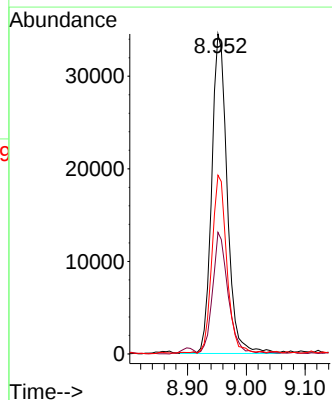
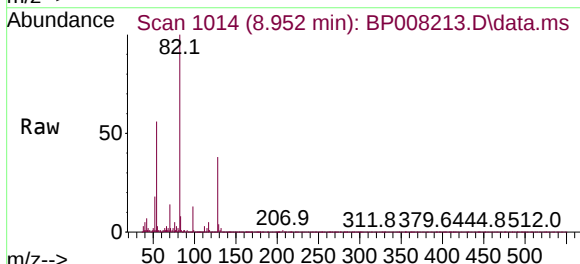
Instrument :
BNA_P
ClientSampleId :
DUP120121

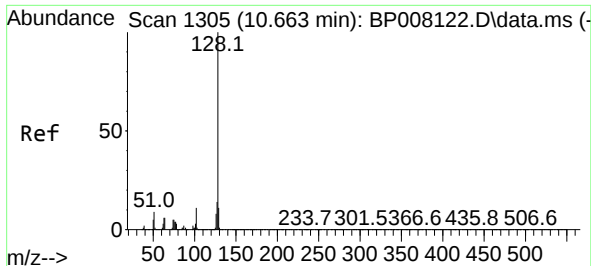
Tgt Ion:	136	Resp:	358591
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	9.7	8.2	12.4
68	6.1	5.8	8.8



#23
Nitrobenzene-d5
Concen: 8.031 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

Tgt Ion:	82	Resp:	63331
Ion Ratio	Lower	Upper	
82	100		
128	38.0	29.6	44.4
54	55.9	42.7	64.1

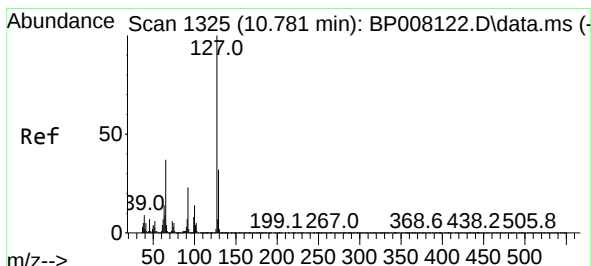
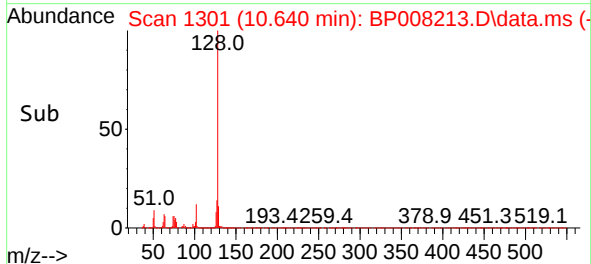
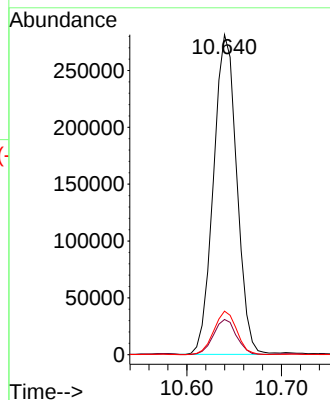
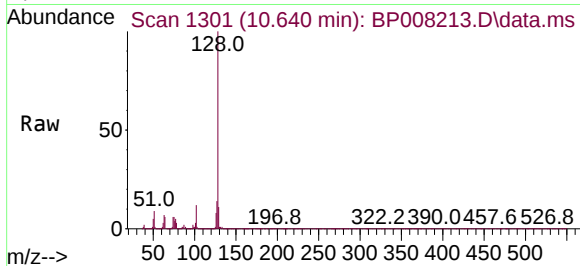




#31
Naphthalene
Concen: 26.220 ng
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

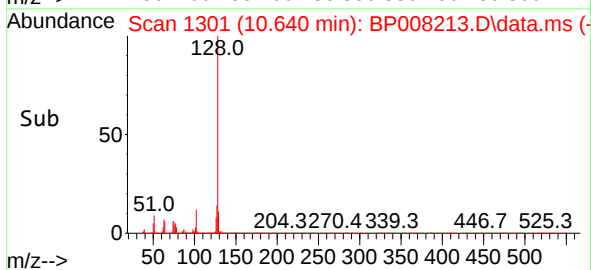
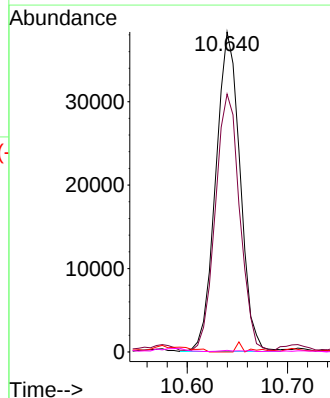
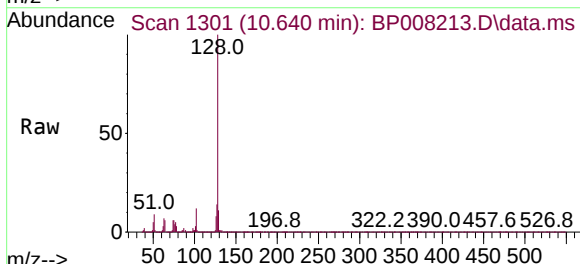
Instrument :
BNA_P
ClientSampleId :
DUP120121

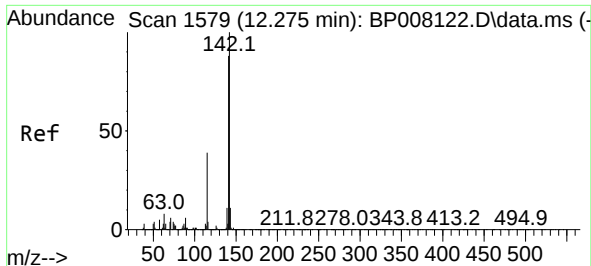
Tgt Ion:128 Resp: 481644
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.6 10.9 16.3



#33
4-Chloroaniline
Concen: 8.443 ng
RT: 10.640 min Scan# 1301
Delta R.T. -0.124 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

Tgt Ion:127 Resp: 64339
Ion Ratio Lower Upper
127 100
129 80.6 25.4 38.2#
65 0.0 29.5 44.3#
92 0.5 18.2 27.4#

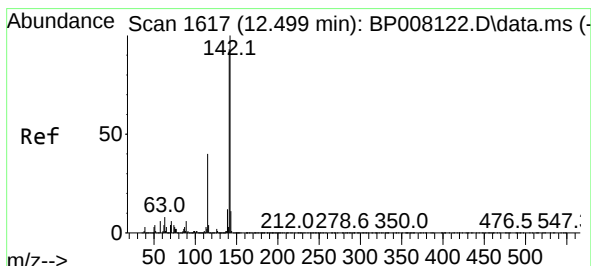
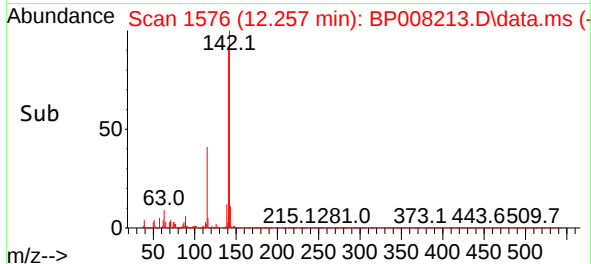
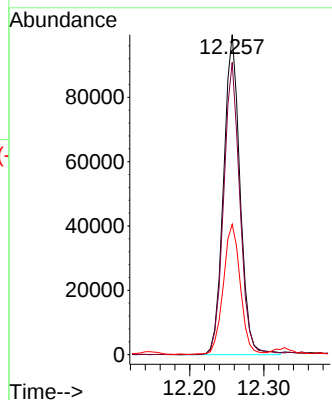
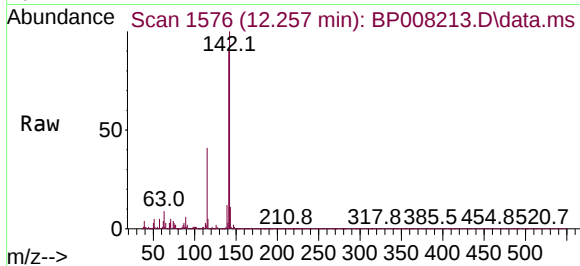




#37
2-Methylnaphthalene
Concen: 11.808 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

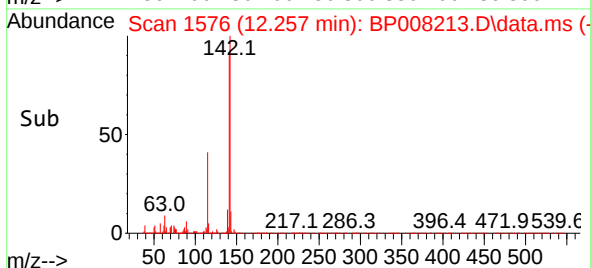
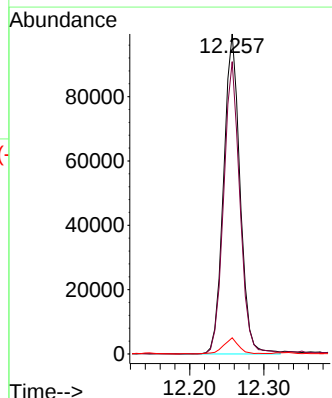
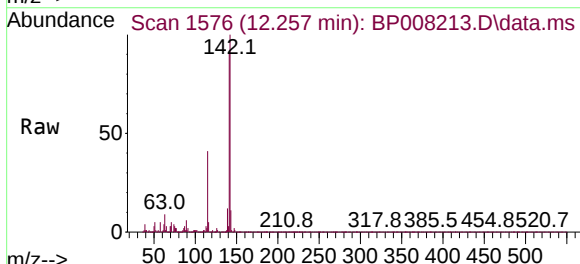
Instrument :
BNA_P
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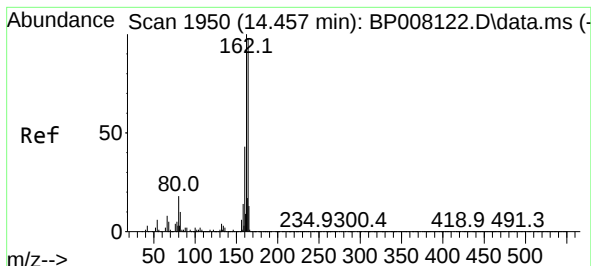
Tgt Ion:142 Resp: 153408
Ion Ratio Lower Upper
142 100
141 91.3 70.7 106.1
115 40.7 30.9 46.3



#38
1-Methylnaphthalene
Concen: 12.131 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.224 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

Tgt Ion:142 Resp: 153408
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4
116 5.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BP008213.D

Acq: 03 Dec 2021 19:42

Instrument :

BNA_P

ClientSampleId :

DUP120121

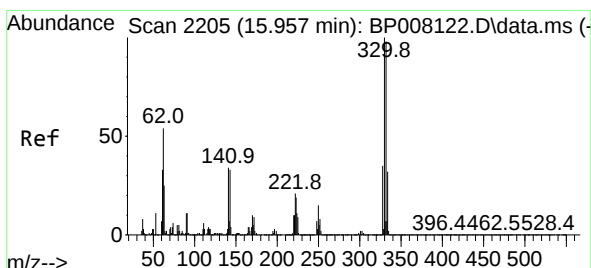
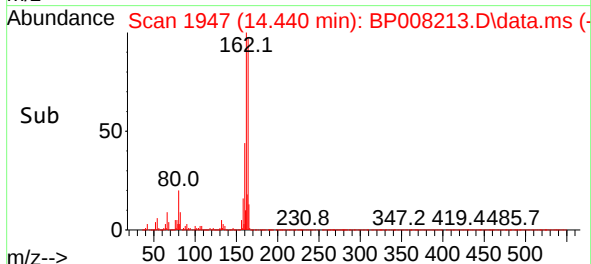
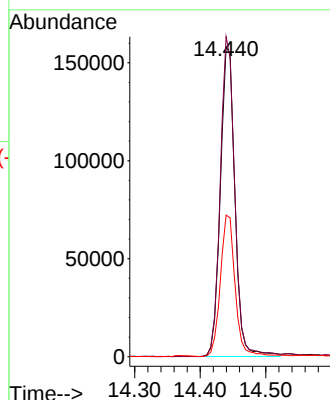
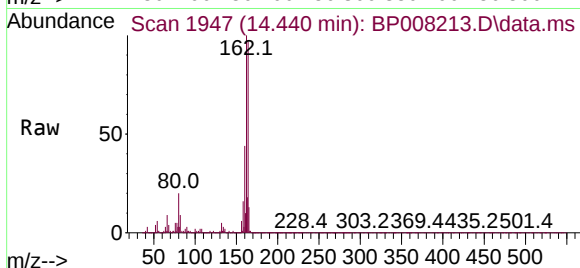
Tgt Ion:164 Resp: 242889

Ion Ratio Lower Upper

164 100

162 103.3 81.9 122.9

160 45.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 14.810 ng

RT: 15.945 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BP008213.D

Acq: 03 Dec 2021 19:42

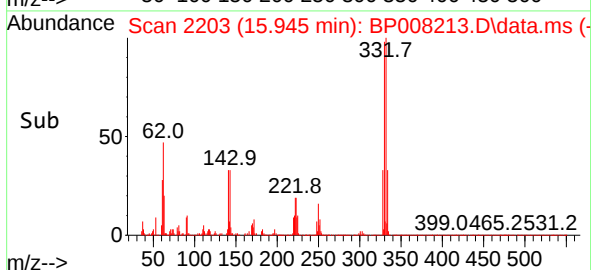
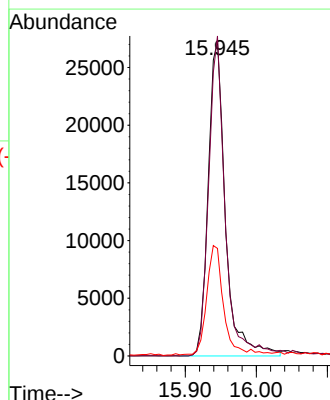
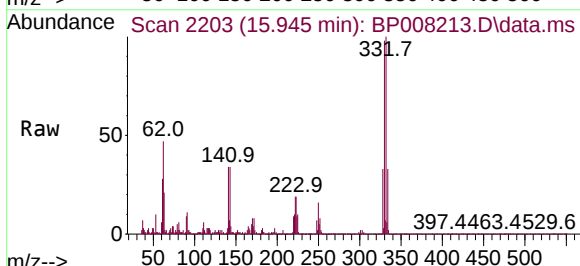
Tgt Ion:330 Resp: 45979

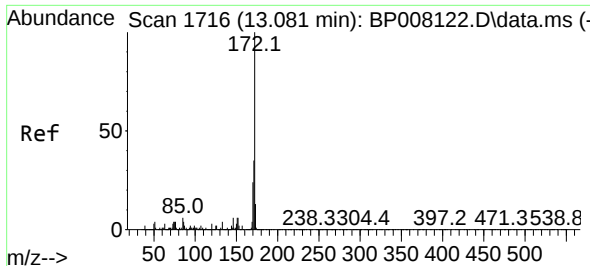
Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.4

141 32.4 28.4 42.6

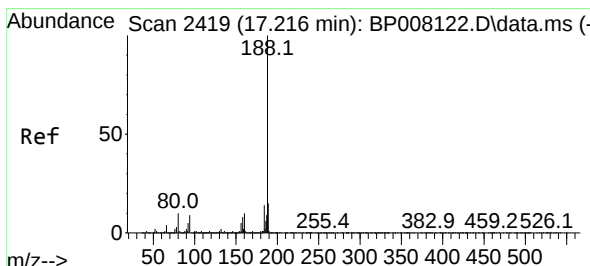
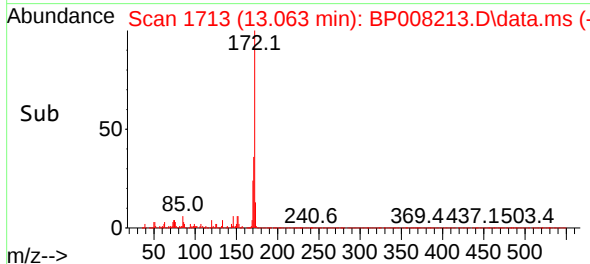
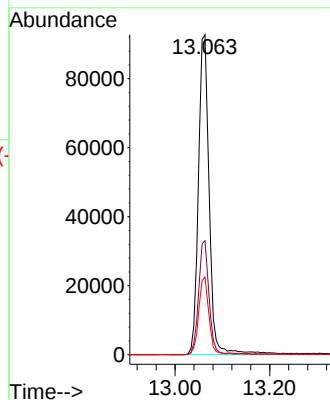
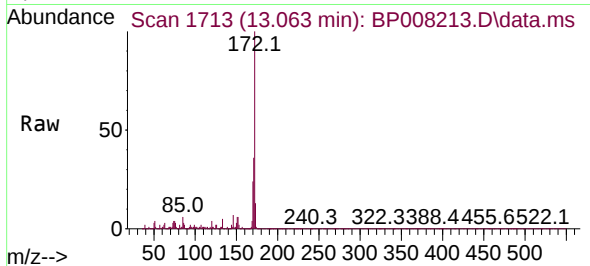




#45
2-Fluorobiphenyl
Concen: 8.793 ng
RT: 13.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

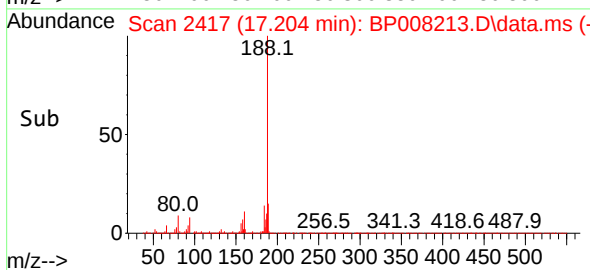
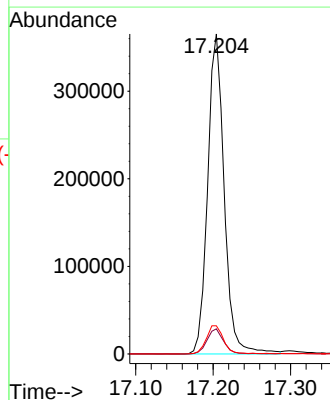
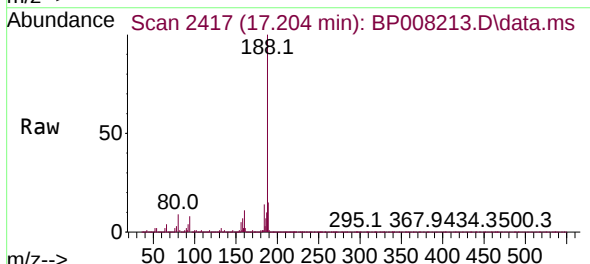
Instrument :
BNA_P
ClientSampleId :
DUP120121

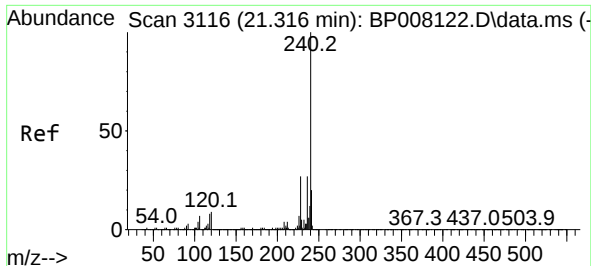
Tgt Ion:172 Resp: 147027
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 24.3 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

Tgt Ion:188 Resp: 542257
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 8.8 8.2 12.4

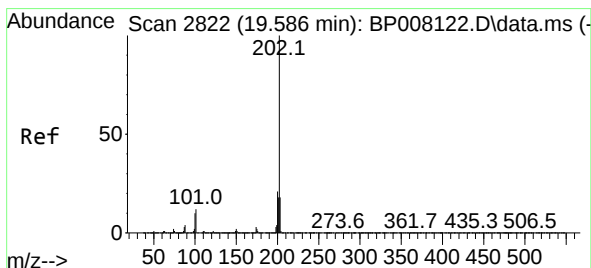
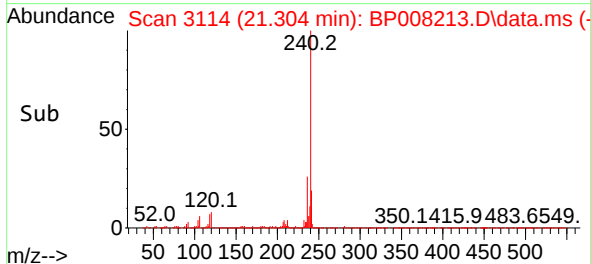
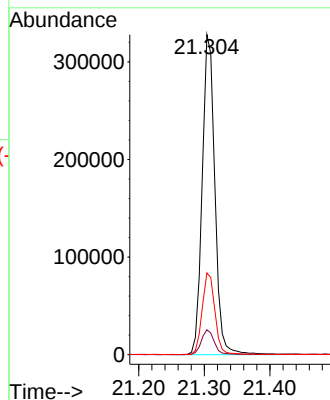
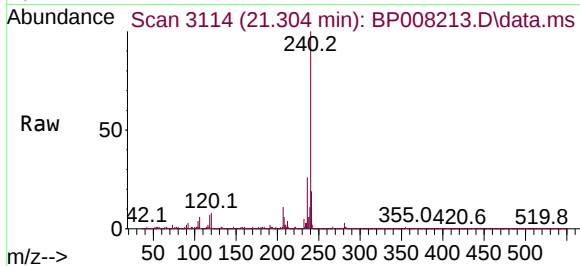




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

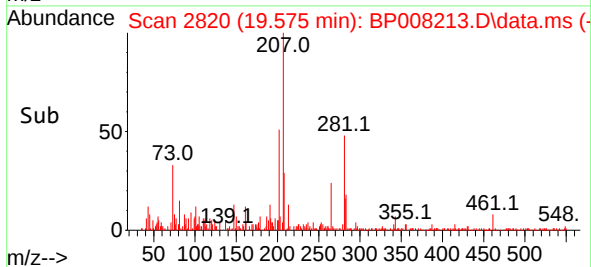
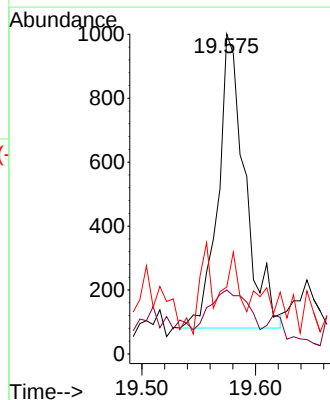
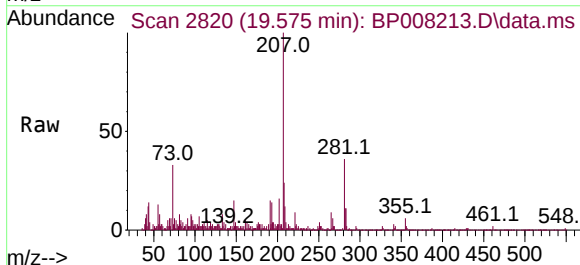
Instrument :
BNA_P
ClientSampleId :
DUP120121

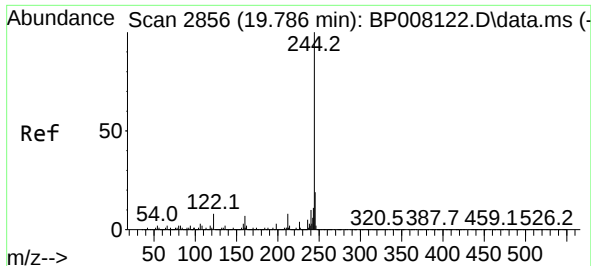
Tgt Ion:240 Resp: 441413
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 25.6 21.4 32.2



#78
Pyrene
Concen: Below Cal
RT: 19.575 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008213.D
Acq: 03 Dec 2021 19:42

Tgt Ion:202 Resp: 1524
Ion Ratio Lower Upper
202 100
200 20.0 17.1 25.7
203 20.9 14.2 21.2

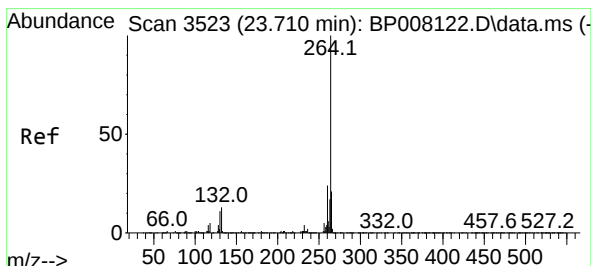
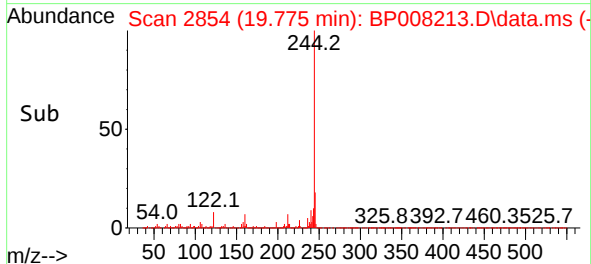
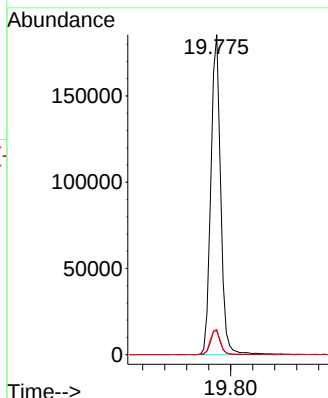
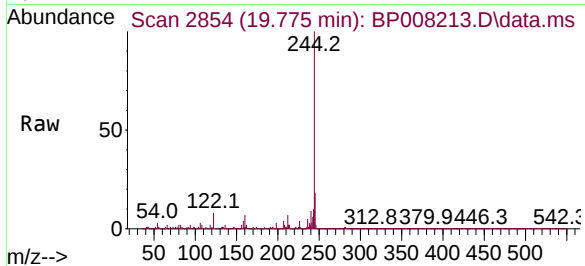




#79
 Terphenyl-d14
 Concen: 10.851 ng
 RT: 19.775 min Scan# 2854
 Delta R.T. -0.006 min
 Lab File: BP008213.D
 Acq: 03 Dec 2021 19:42

Instrument :
 BNA_P
 ClientSampleId :
 DUP120121

Tgt Ion:	244	Resp:	229175
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	7.9	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 3522
 Delta R.T. -0.012 min
 Lab File: BP008213.D
 Acq: 03 Dec 2021 19:42

Tgt Ion:	264	Resp:	408205
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	22.5	17.6	26.4

