

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008237.D
 Acq On : 06 Dec 2021 19:52
 Operator : CG/JU
 Sample : M4917-07DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 07 05:11:47 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)

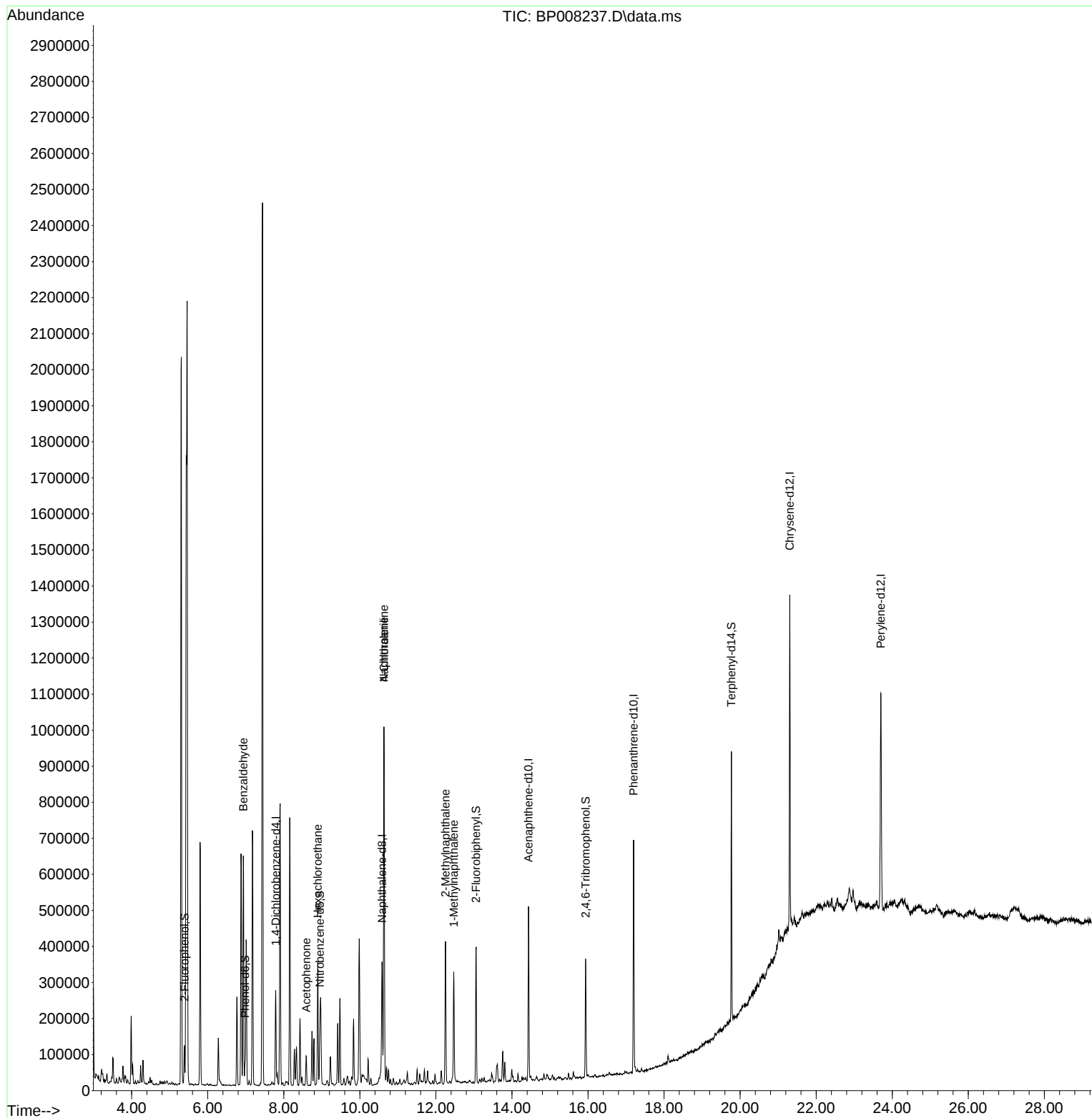
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	65876	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	247931	20.000	ng	-0.01
39) Acenaphthene-d10	14.434	164	164269	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	375727	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	436307	20.000	ng	-0.01
86) Perylene-d12	23.698	264	489226	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	45614	11.149	ng	0.00
7) Phenol-d6	6.981	99	34422	6.232	ng	0.00
23) Nitrobenzene-d5	8.946	82	80088	14.689	ng	-0.02
42) 2,4,6-Tribromophenol	15.940	330	64619	30.776	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	190598	16.853	ng	-0.01
79) Terphenyl-d14	19.769	244	332260	15.915	ng	-0.01
Target Compounds					Qvalue	
9) Benzaldehyde	6.934	77	47327	12.403	ng	# 1
18) Hexachloroethane	8.893	117	46705	25.627	ng	# 1
22) Acetophenone	8.593	105	48182	7.105	ng	# 59
31) Naphthalene	10.634	128	705336	55.535	ng	# 99
33) 4-Chloroaniline	10.634	127	94702	17.973	ng	# 31
37) 2-Methylnaphthalene	12.251	142	173886	19.358	ng	# 98
38) 1-Methylnaphthalene	12.469	142	130788	14.958	ng	# 98
78) Pyrene	19.575	202	1981	Below Cal		# 10

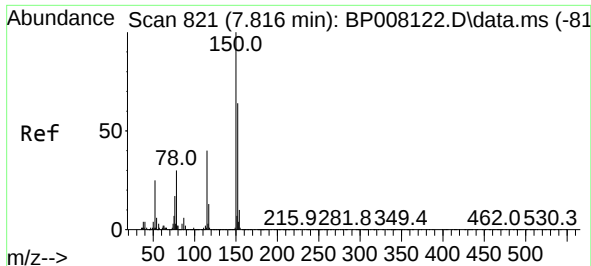
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
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QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

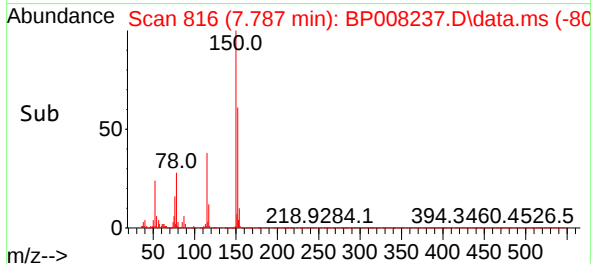
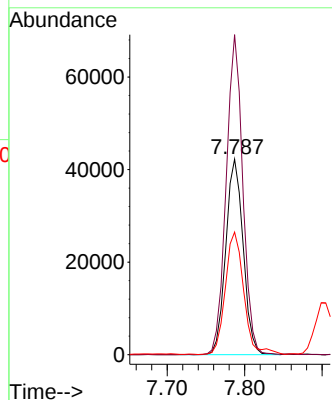
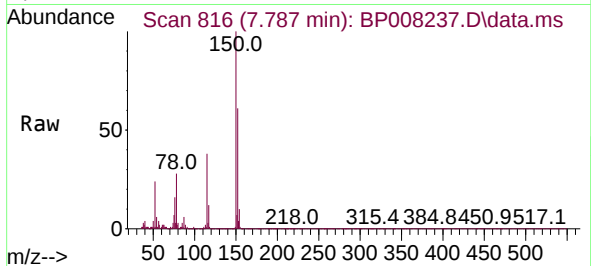




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

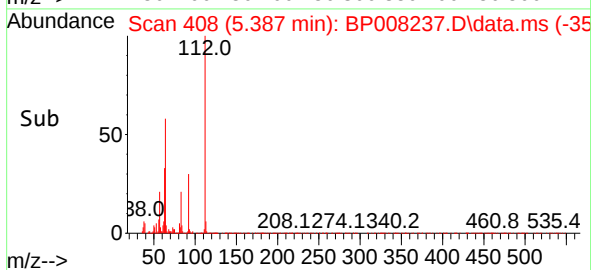
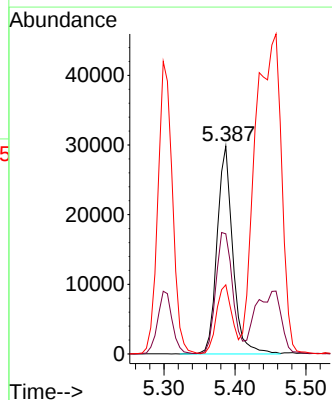
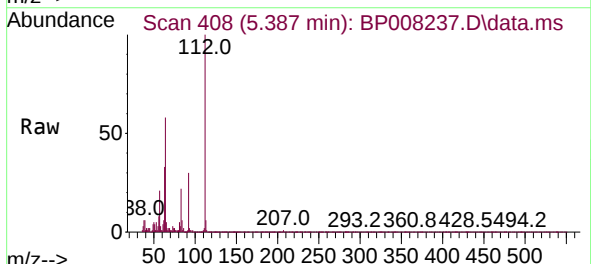
Instrument :
BNA_P
ClientSampleId :

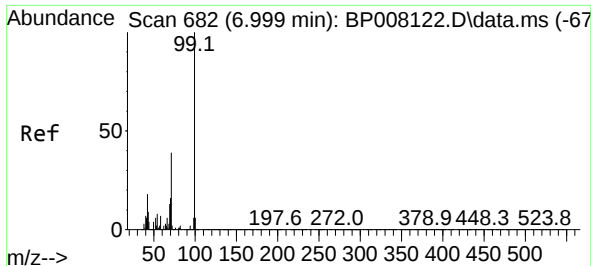
Tgt Ion:152 Resp: 65876
Ion Ratio Lower Upper
152 100
150 163.7 125.7 188.5
115 62.7 50.7 76.1



#5
2-Fluorophenol
Concen: 11.149 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:112 Resp: 45614
Ion Ratio Lower Upper
112 100
64 57.8 53.4 80.2
63 33.3 27.8 41.8

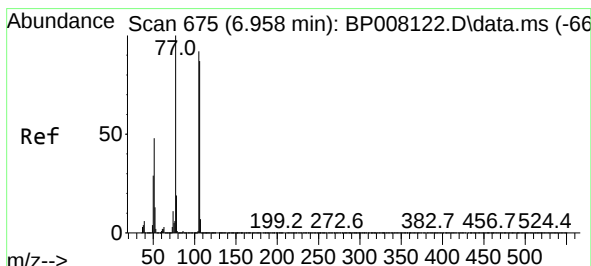
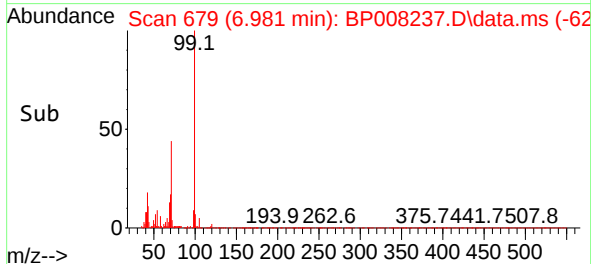
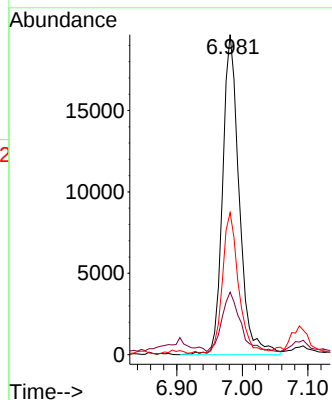
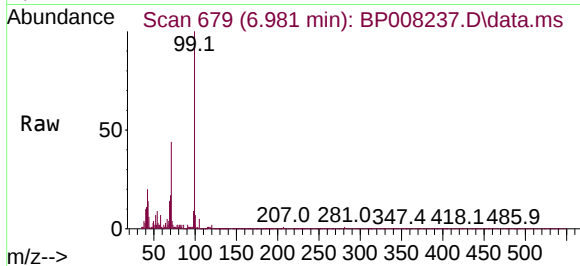




#7
Phenol-d6
Concen: 6.232 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

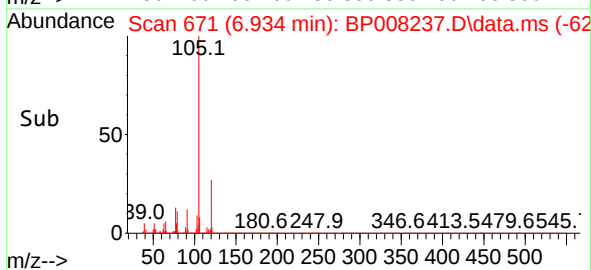
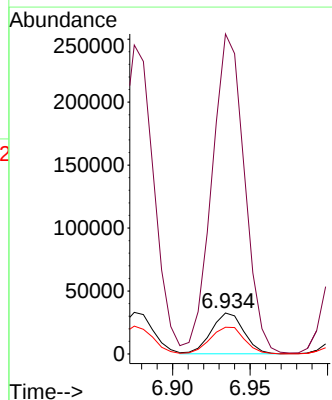
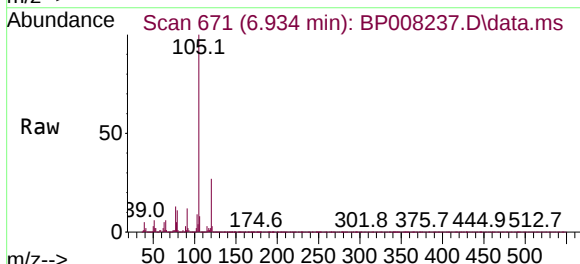
Instrument :
BNA_P
ClientSampleId :

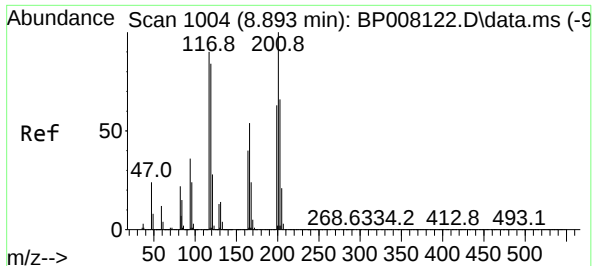
Tgt Ion: 99 Resp: 34422
Ion Ratio Lower Upper
99 100
42 19.6 14.6 22.0
71 44.4 31.1 46.7



#9
Benzaldehyde
Concen: 12.403 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion: 77 Resp: 47327
Ion Ratio Lower Upper
77 100
105 781.1 71.8 111.8#
106 65.2 67.3 107.3#

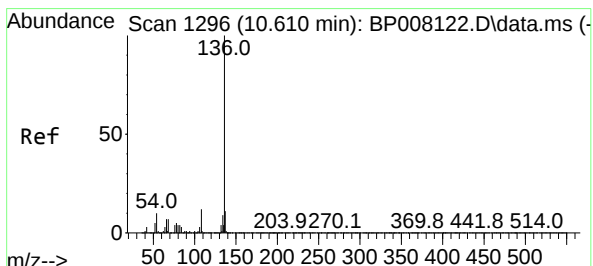
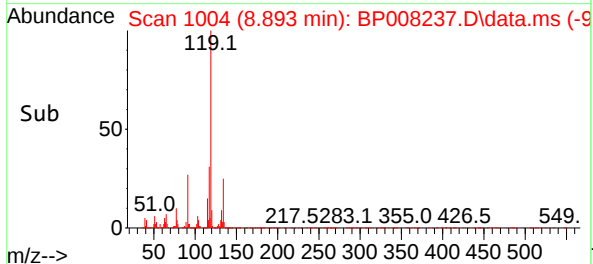
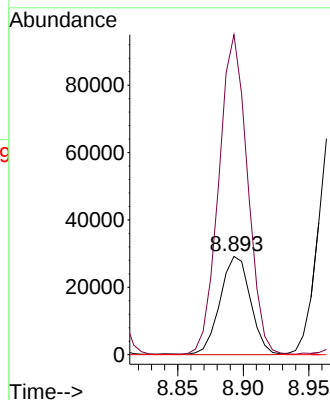
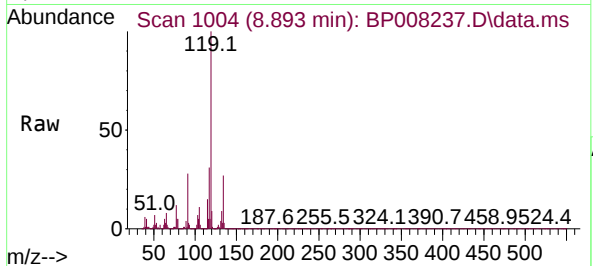




#18
Hexachloroethane
Concen: 25.627 ng
RT: 8.893 min Scan# 1004
Delta R.T. 0.018 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

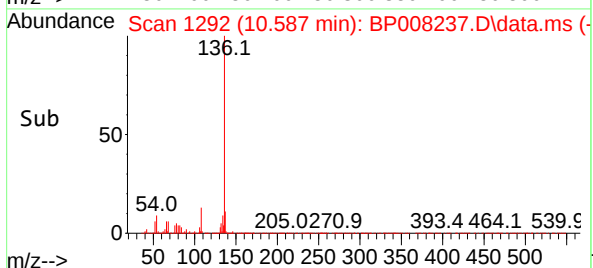
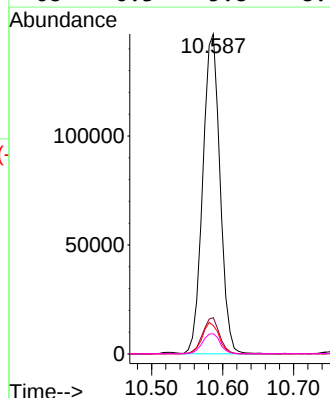
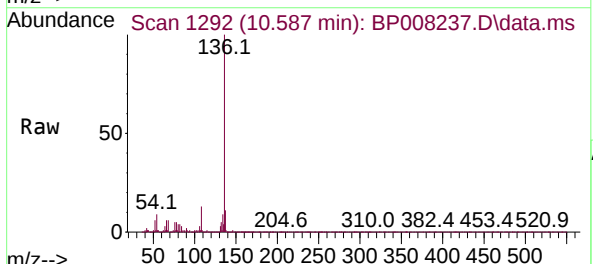
Instrument :
BNA_P
ClientSampleId :

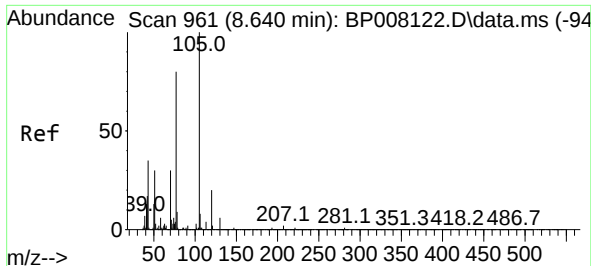
Tgt Ion:117 Resp: 46705
Ion Ratio Lower Upper
117 100
119 325.5 74.7 112.1#
201 0.0 88.6 132.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:136 Resp: 247931
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.9 8.2 12.4
68 6.3 5.8 8.8

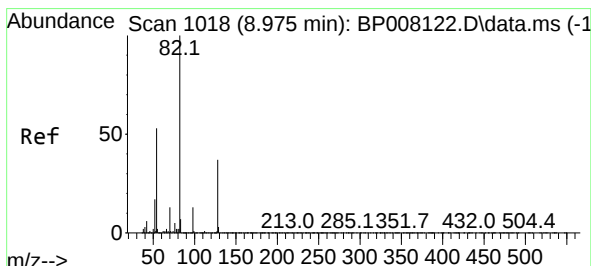
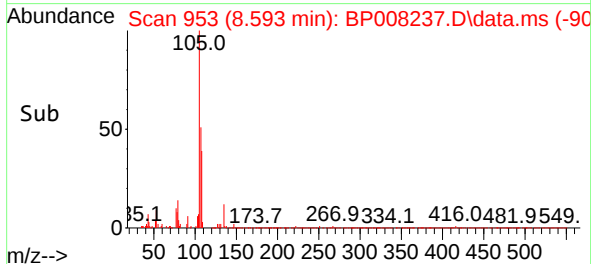
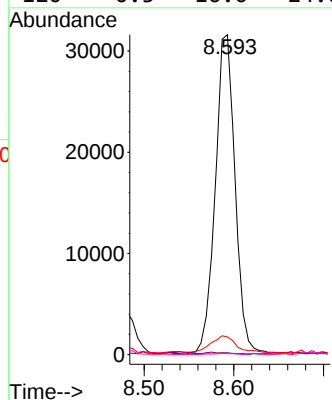
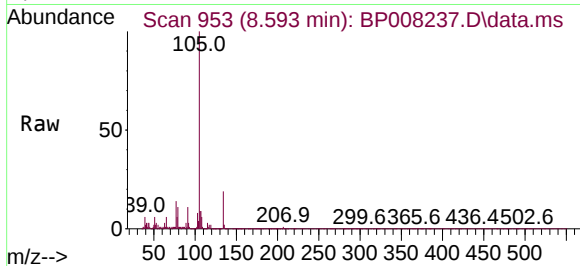




#22
Acetophenone
Concen: 7.105 ng
RT: 8.593 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

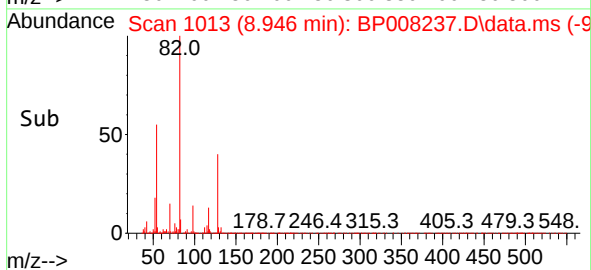
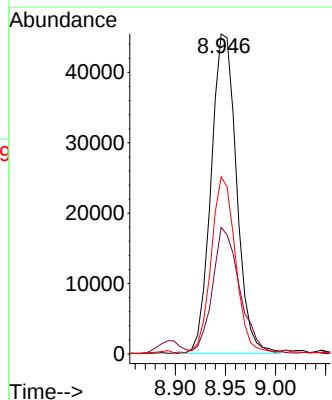
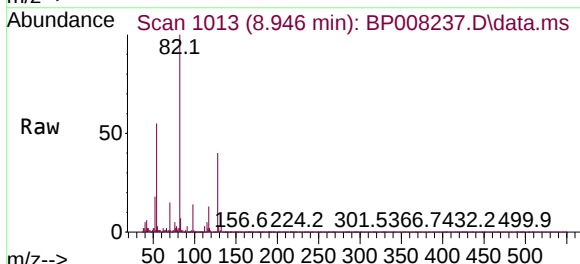
Instrument :
BNA_P
ClientSampleId :

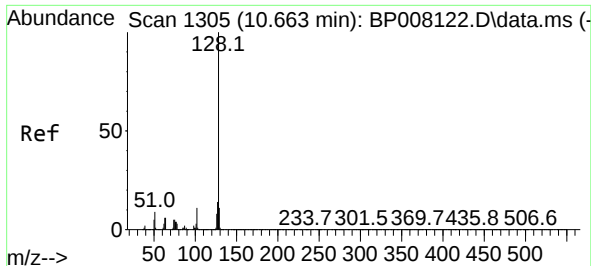
Tgt Ion:	105	Resp:	48182
Ion Ratio	Lower	Upper	
105	100		
71	0.6	4.0	6.0#
51	5.6	23.8	35.6#
120	0.3	16.0	24.0#



#23
Nitrobenzene-d5
Concen: 14.689 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:	82	Resp:	80088
Ion Ratio	Lower	Upper	
82	100		
128	39.6	29.6	44.4
54	55.3	42.7	64.1

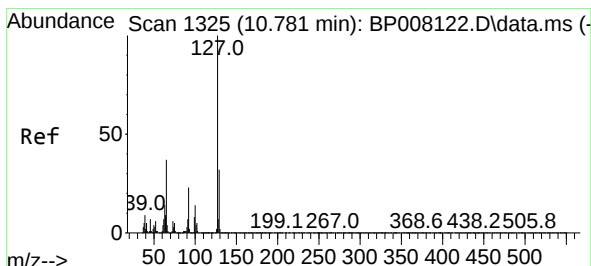
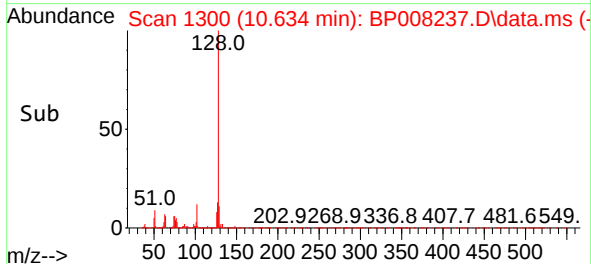
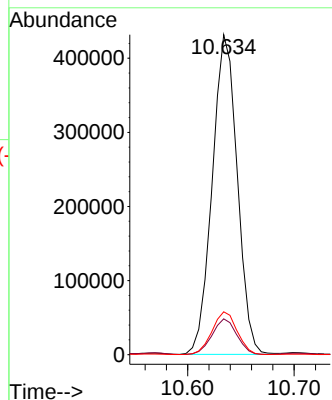
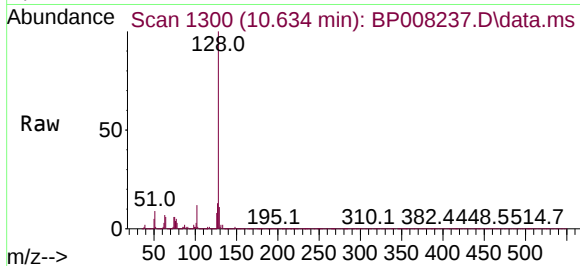




#31
Naphthalene
Concen: 55.535 ng
RT: 10.634 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

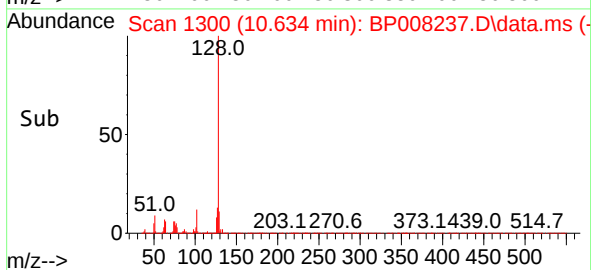
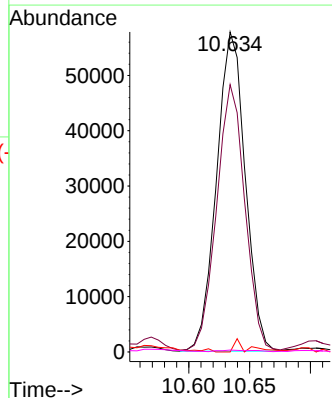
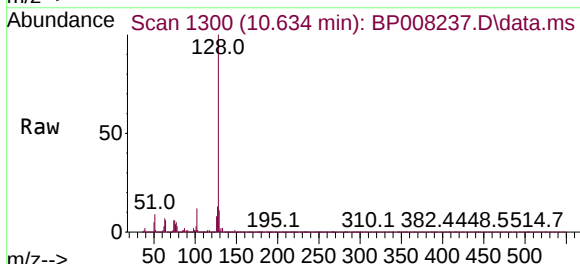
Instrument :
BNA_P
ClientSampleId :

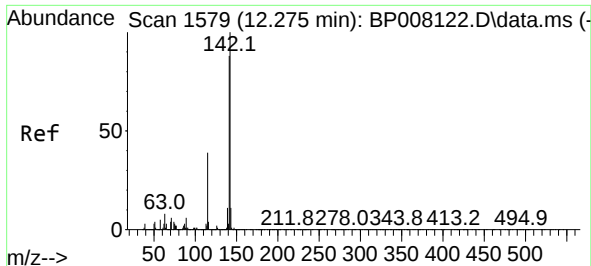
Tgt Ion:128 Resp: 705336
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.4 10.9 16.3



#33
4-Chloroaniline
Concen: 17.973 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.129 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:127 Resp: 94702
Ion Ratio Lower Upper
127 100
129 83.6 25.4 38.2#
65 0.0 29.5 44.3#
92 0.6 18.2 27.4#

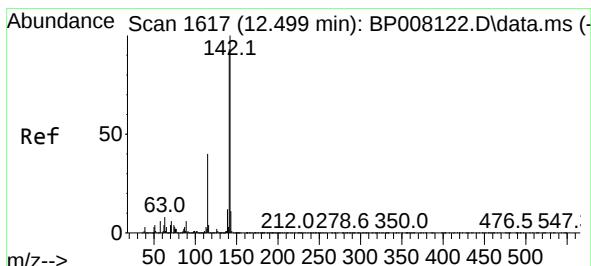
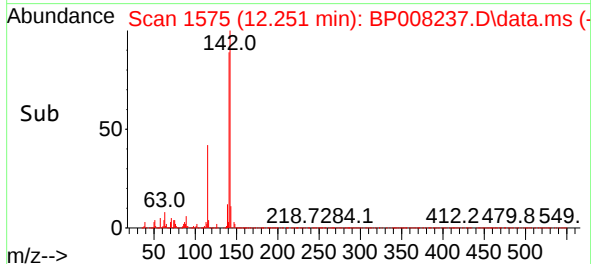
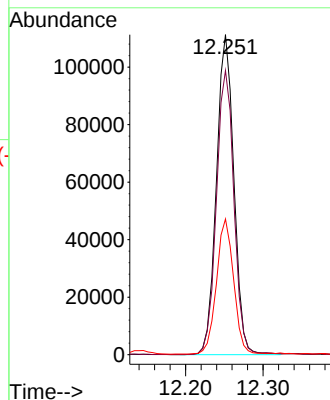
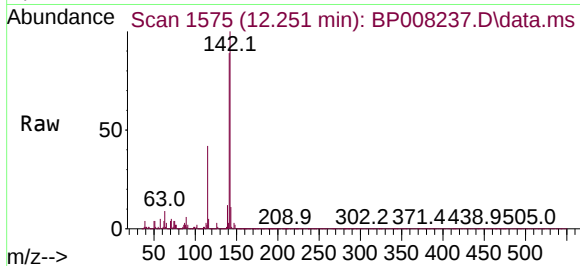




#37
2-Methylnaphthalene
Concen: 19.358 ng
RT: 12.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

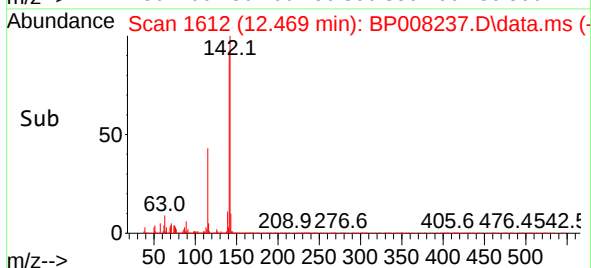
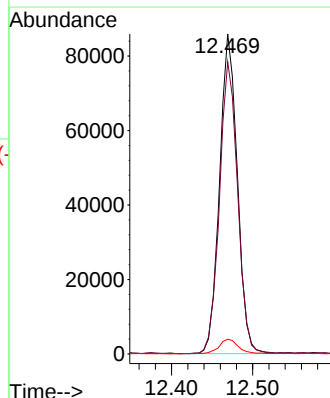
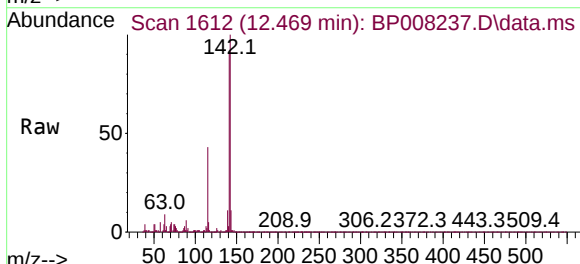
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BNA_P
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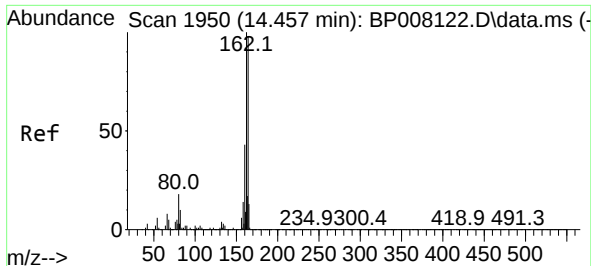
Tgt Ion:142 Resp: 173886
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1
115 42.4 30.9 46.3



#38
1-Methylnaphthalene
Concen: 14.958 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

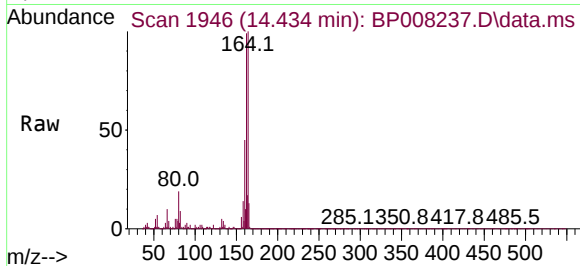
Tgt Ion:142 Resp: 130788
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4
116 4.6 3.4 5.2



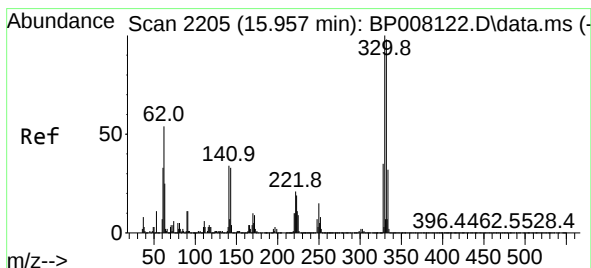
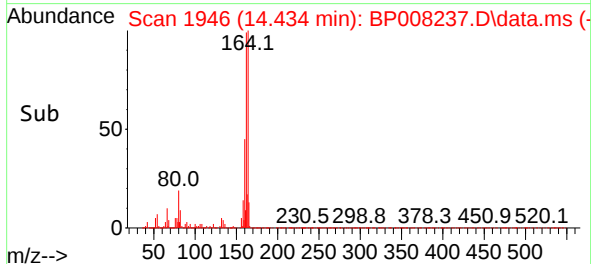
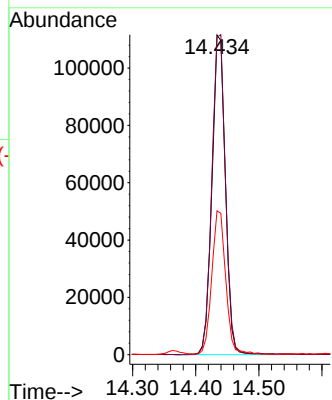


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Instrument :
BNA_P
ClientSampleId :

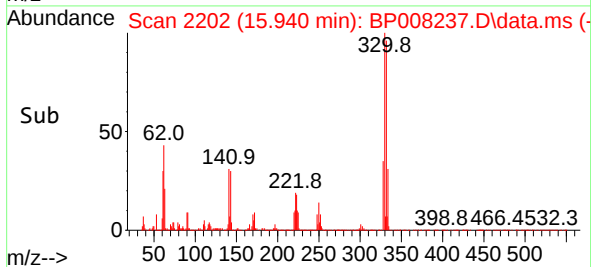
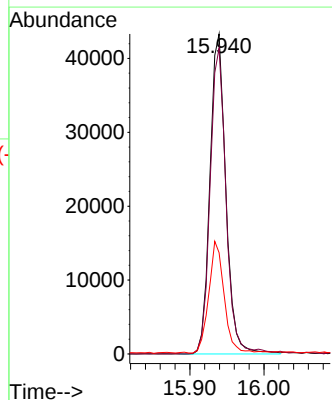
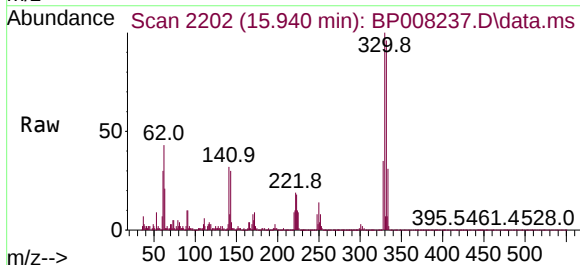


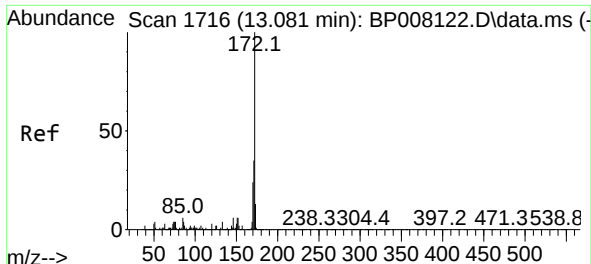
Tgt Ion:164 Resp: 164269
Ion Ratio Lower Upper
164 100
162 99.3 81.9 122.9
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 30.776 ng
RT: 15.940 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:330 Resp: 64619
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 33.9 28.4 42.6

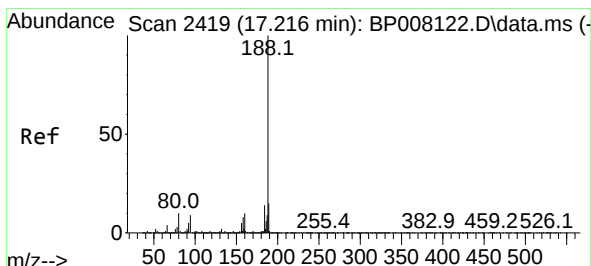
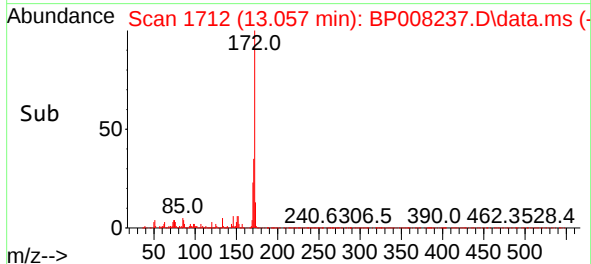
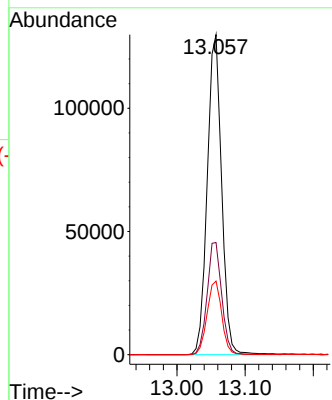
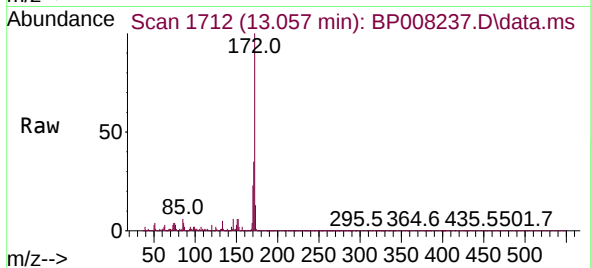




#45
2-Fluorobiphenyl
Concen: 16.853 ng
RT: 13.057 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

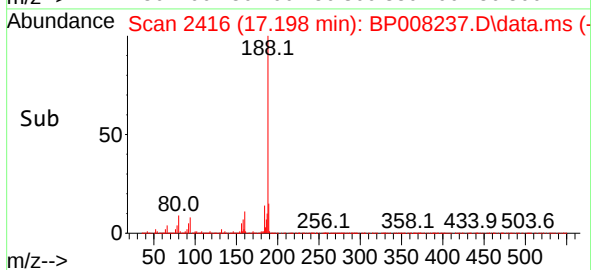
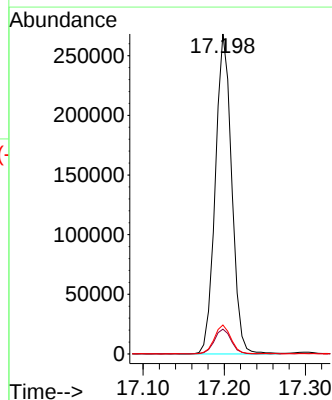
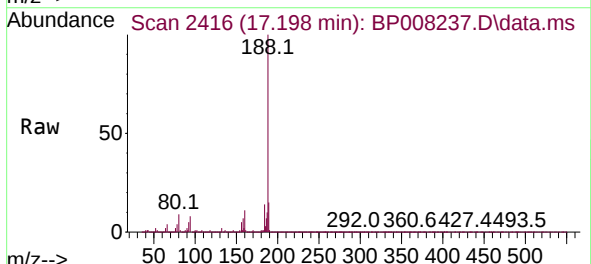
Instrument :
BNA_P
ClientSampleId :

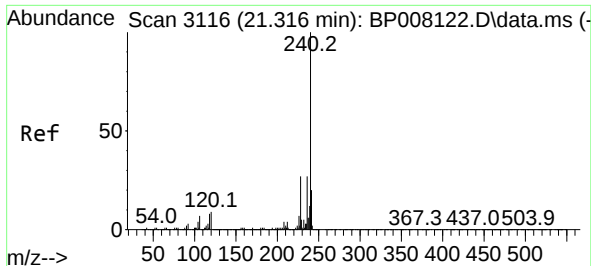
Tgt Ion:172 Resp: 190598
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.0 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:188 Resp: 375727
Ion Ratio Lower Upper
188 100
94 7.7 7.2 10.8
80 9.0 8.2 12.4

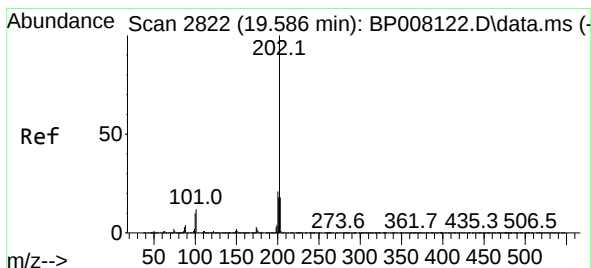
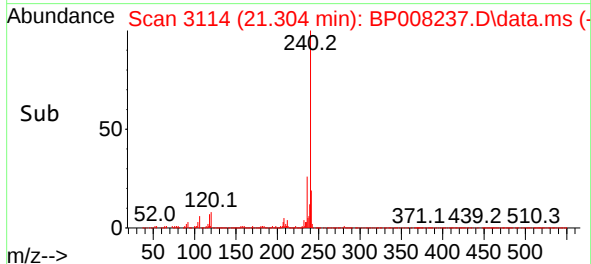
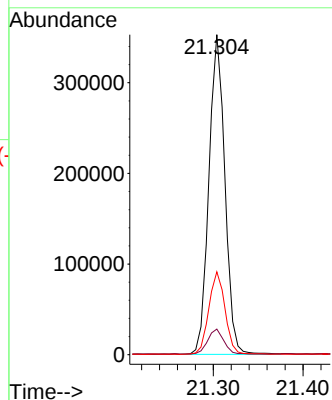
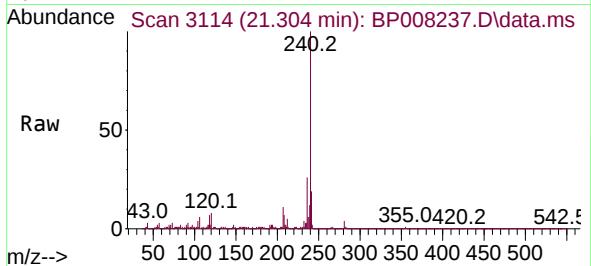




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

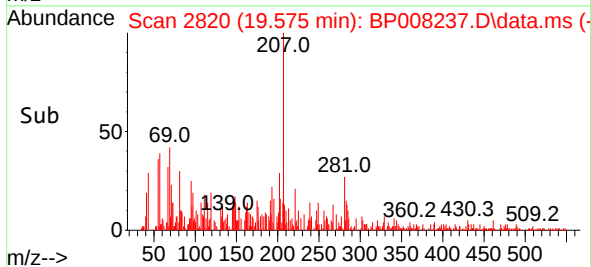
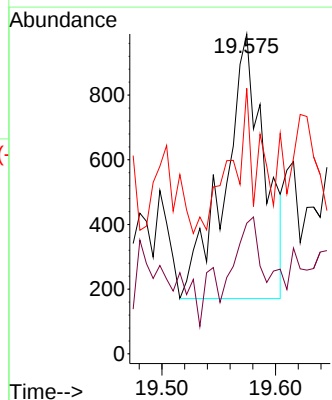
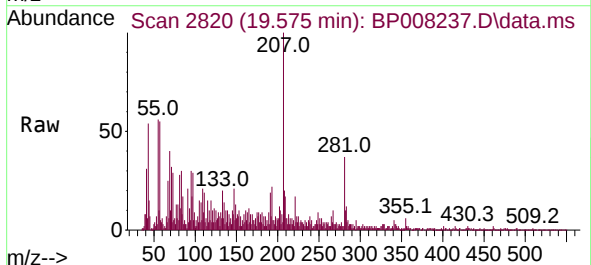
Instrument :
BNA_P
ClientSampleId :

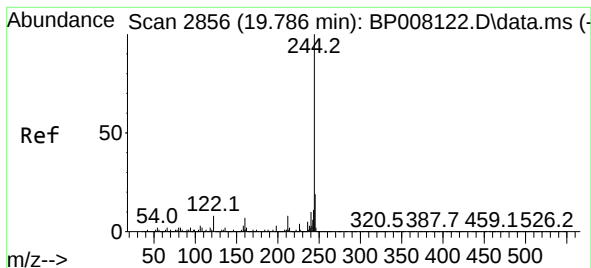
Tgt Ion:240 Resp: 436307
Ion Ratio Lower Upper
240 100
120 8.0 7.3 10.9
236 25.9 21.4 32.2



#78
Pyrene
Concen: Below Cal
RT: 19.575 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:202 Resp: 1981
Ion Ratio Lower Upper
202 100
200 40.8 17.1 25.7#
203 83.0 14.2 21.2#





#79

Terphenyl-d14

Concen: 15.915 ng

RT: 19.769 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BP008237.D

Acq: 06 Dec 2021 19:52

Instrument :

BNA_P

ClientSampleId :

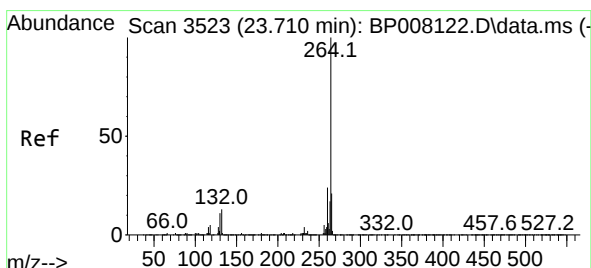
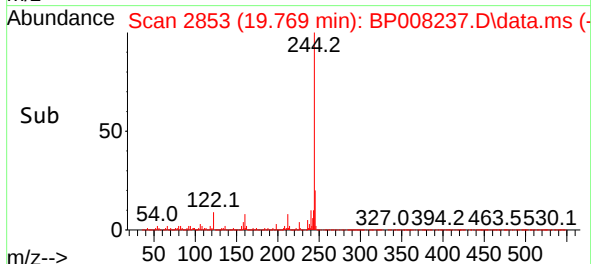
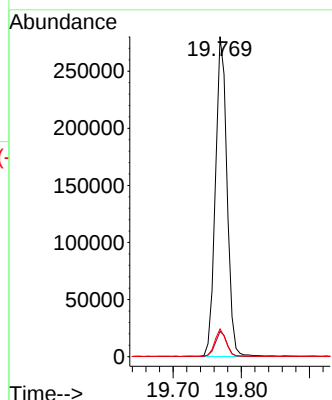
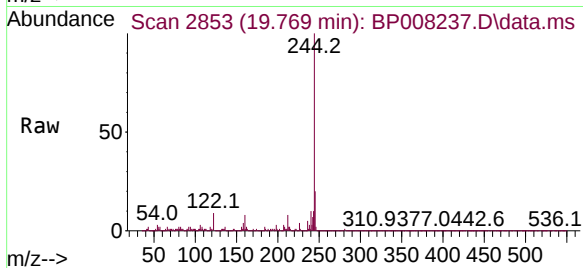
Tgt Ion:244 Resp: 332260

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 8.7 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 3521

Delta R.T. -0.018 min

Lab File: BP008237.D

Acq: 06 Dec 2021 19:52

Tgt Ion:264 Resp: 489226

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 22.7 17.6 26.4

