

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120121\
 Data File : BP008181.D
 Acq On : 01 Dec 2021 19:52
 Operator : CG/JU
 Sample : M4721-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-1

Quant Time: Dec 01 21:16:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 01 12:06:05 2021
 Response via : Initial Calibration

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

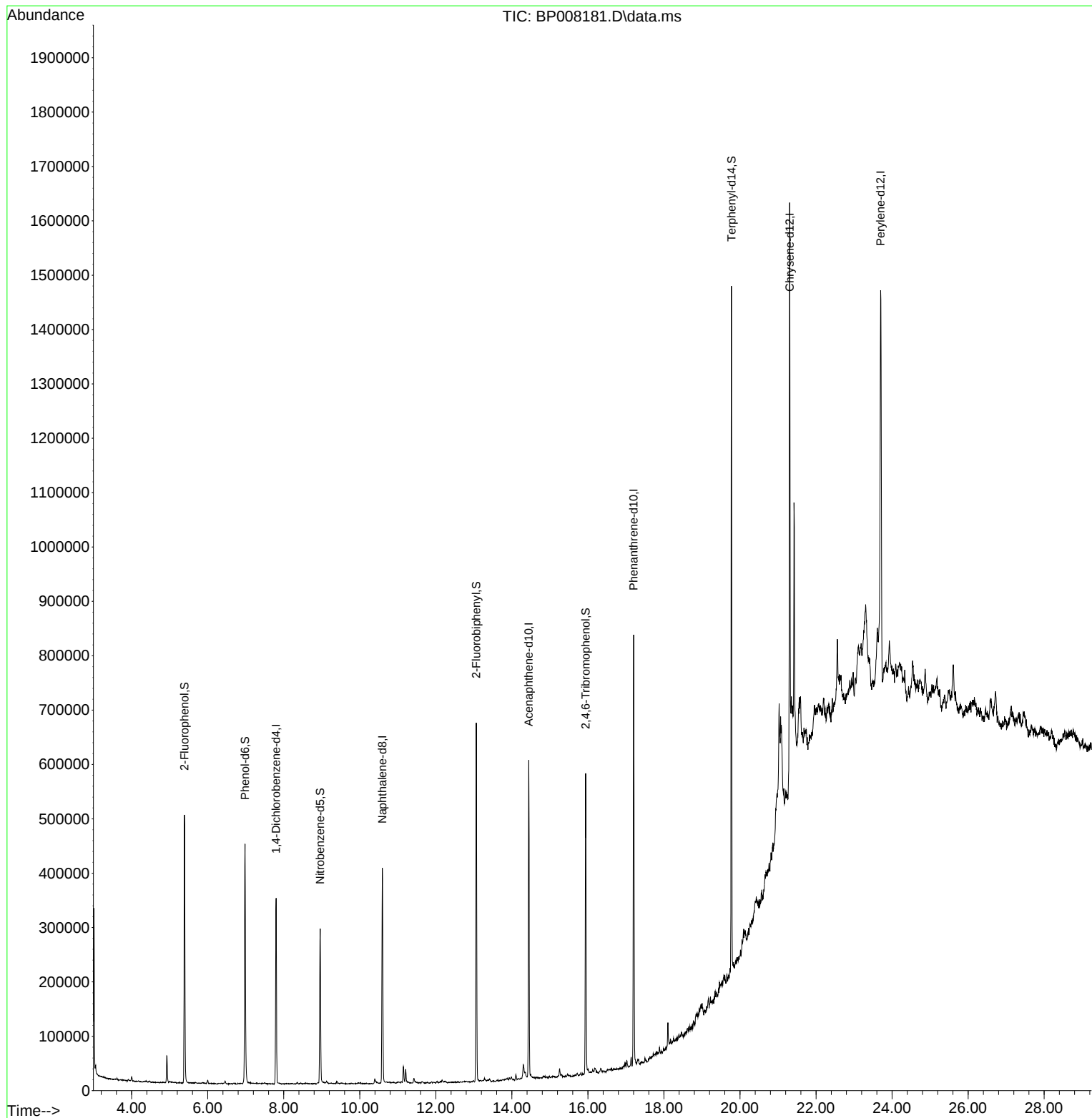
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	87857	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	312105	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	201288	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	454417	20.000	ng	0.00
76) Chrysene-d12	21.304	240	514135	20.000	ng	0.00
86) Perylene-d12	23.698	264	565286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	198023	36.290	ng	0.00
7) Phenol-d6	6.981	99	243529	33.061	ng	0.00
23) Nitrobenzene-d5	8.958	82	166511	24.260	ng	0.00
42) 2,4,6-Tribromophenol	15.940	330	100949	39.237	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	326601	23.568	ng	0.00
79) Terphenyl-d14	19.775	244	575774	23.405	ng	0.00
Target Compounds						
9) Benzaldehyde	6.952	77	32	Below Cal	#	27
78) Pyrene	19.575	202	5707	Below Cal	#	72

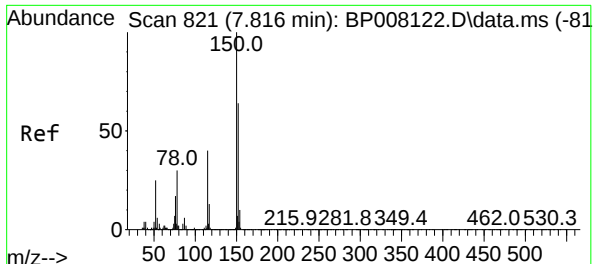
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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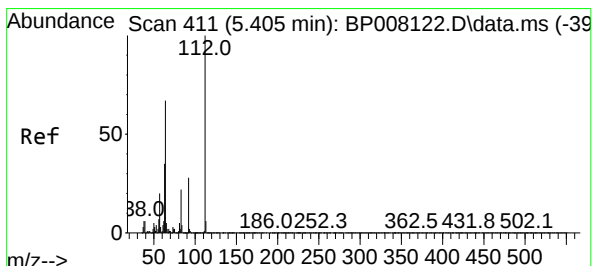
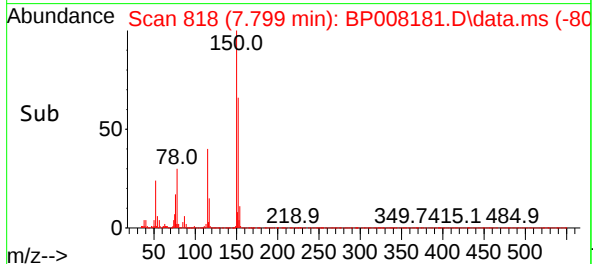
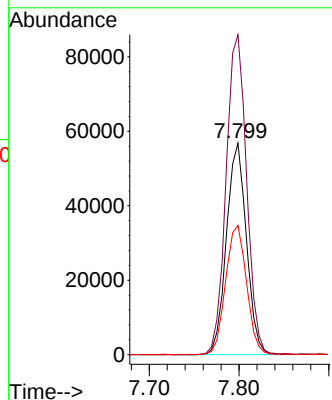
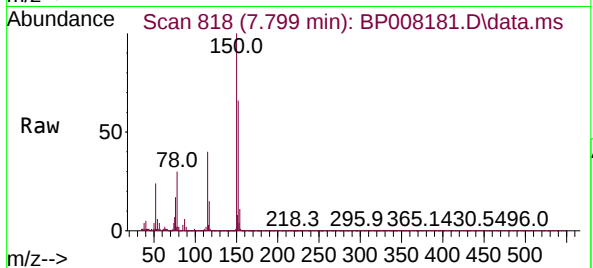




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP008181.D
Acq: 01 Dec 2021 19:52

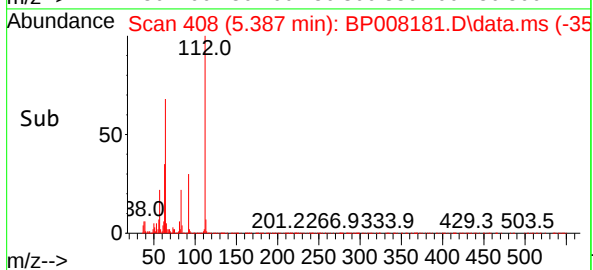
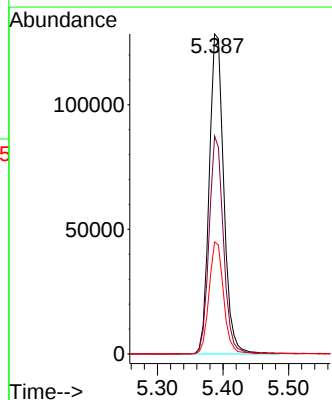
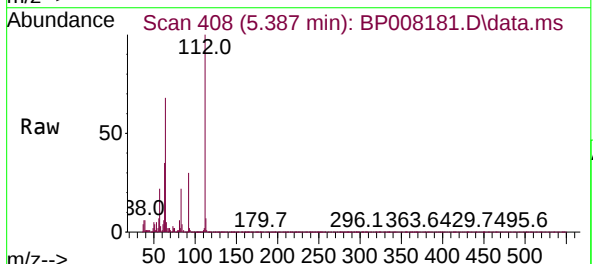
Instrument :
BNA_P
ClientSampleId :
SAMPLE-1

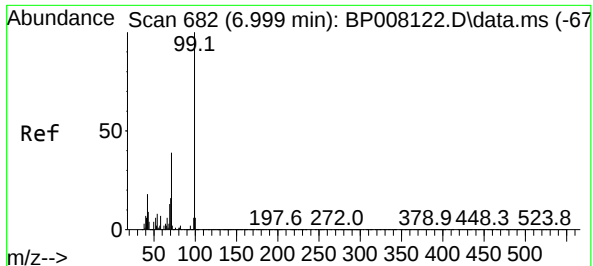
Tgt Ion:152 Resp: 87857
Ion Ratio Lower Upper
152 100
150 151.4 125.7 188.5
115 61.2 50.7 76.1



#5
2-Fluorophenol
Concen: 36.290 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP008181.D
Acq: 01 Dec 2021 19:52

Tgt Ion:112 Resp: 198023
Ion Ratio Lower Upper
112 100
64 68.1 53.4 80.2
63 35.0 27.8 41.8

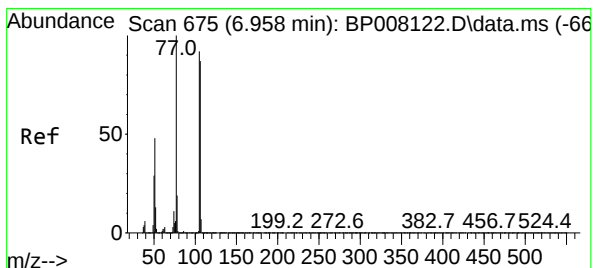
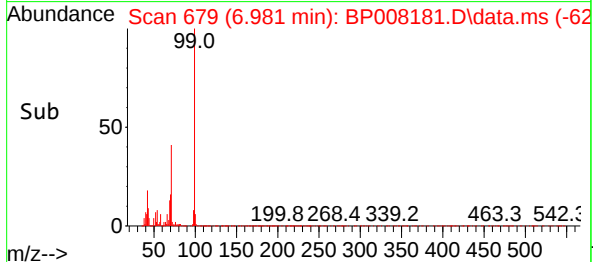
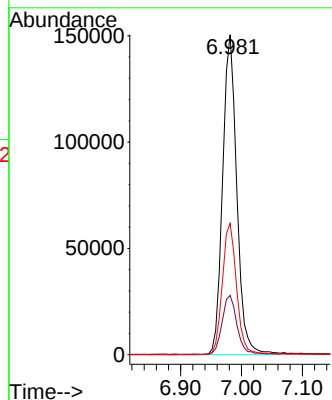
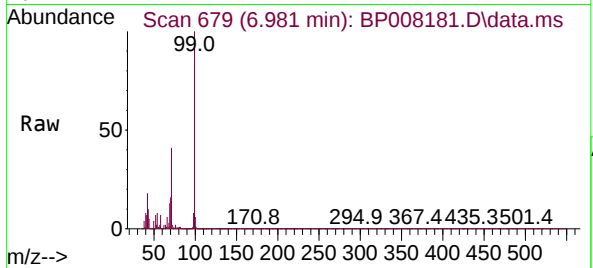




#7
Phenol-d6
Concen: 33.061 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008181.D
Acq: 01 Dec 2021 19:52

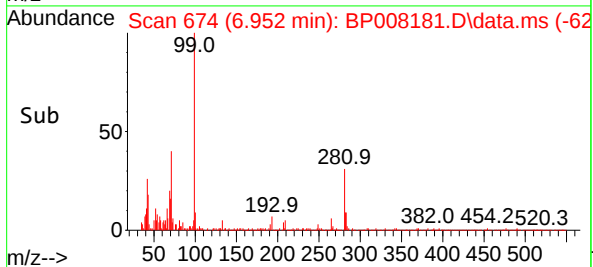
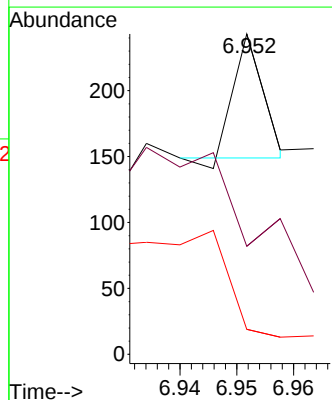
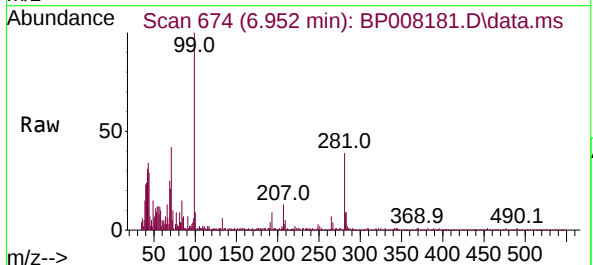
Instrument :
BNA_P
ClientSampleId :
SAMPLE-1

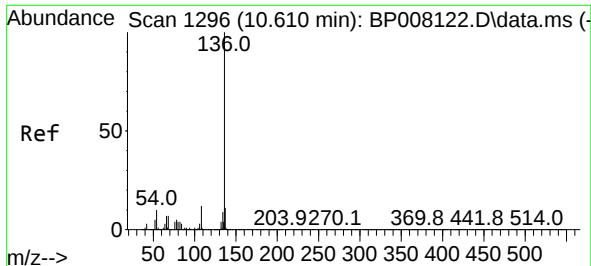
Tgt Ion: 99 Resp: 243529
Ion Ratio Lower Upper
99 100
42 18.5 14.6 22.0
71 41.1 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.952 min Scan# 674
Delta R.T. 0.012 min
Lab File: BP008181.D
Acq: 01 Dec 2021 19:52

Tgt Ion: 77 Resp: 32
Ion Ratio Lower Upper
77 100
105 33.7 71.8 111.8#
106 7.8 67.3 107.3#

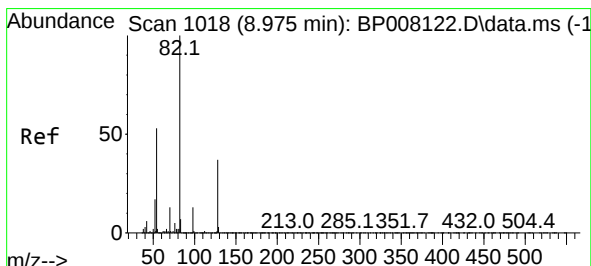
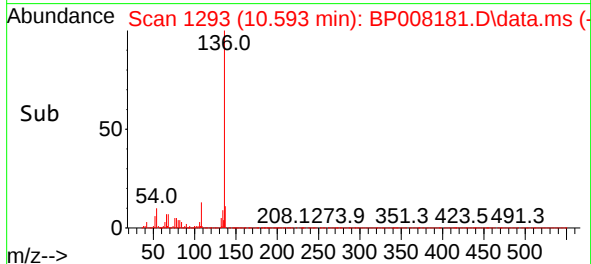
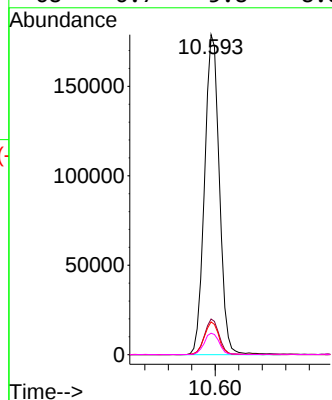
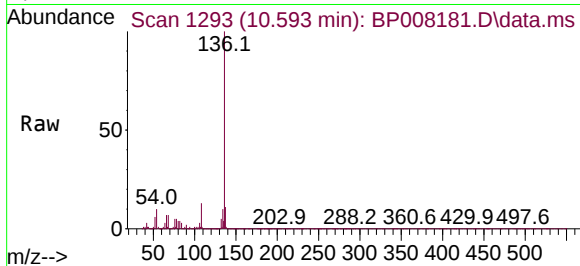




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP008181.D
Acq: 01 Dec 2021 19:52

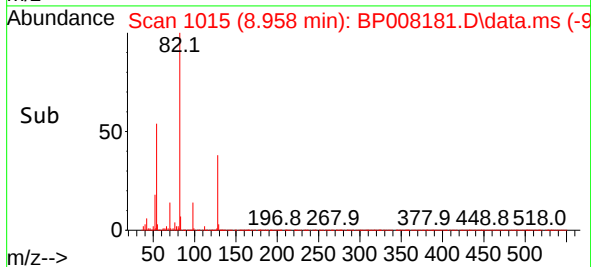
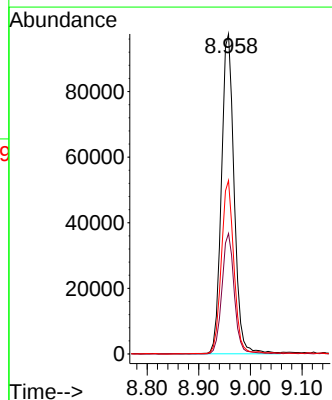
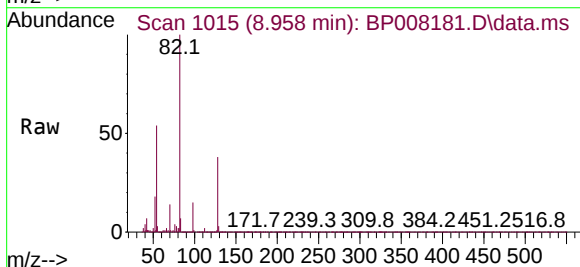
Instrument :
BNA_P
ClientSampleId :
SAMPLE-1

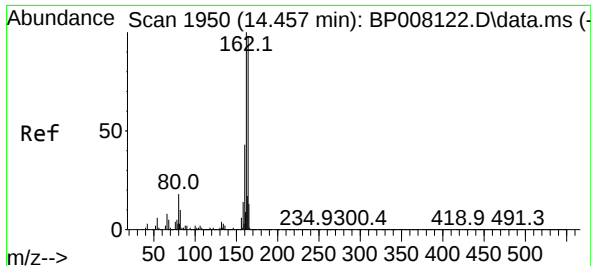
Tgt Ion:	136	Resp:	312105
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	10.3	8.2	12.4
68	6.7	5.8	8.8



#23
Nitrobenzene-d5
Concen: 24.260 ng
RT: 8.958 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP008181.D
Acq: 01 Dec 2021 19:52

Tgt Ion:	82	Resp:	166511
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.6	44.4
54	54.2	42.7	64.1

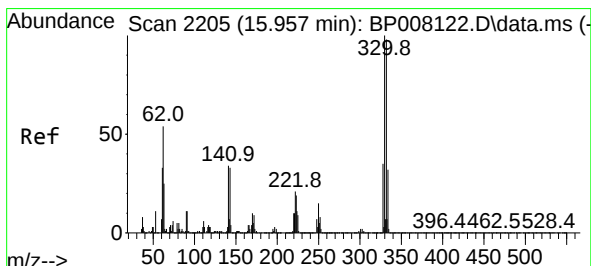
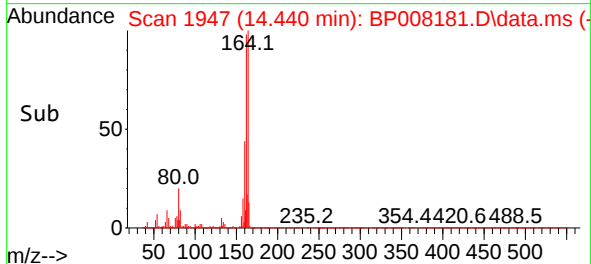
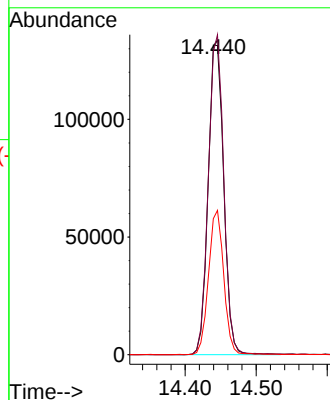
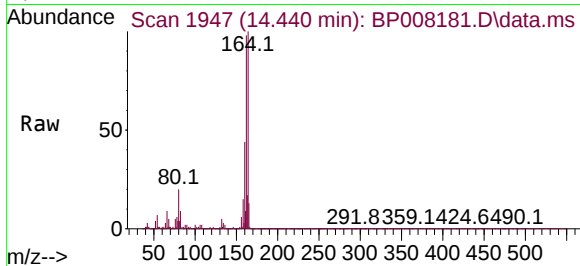




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP008181.D
Acq: 01 Dec 2021 19:52

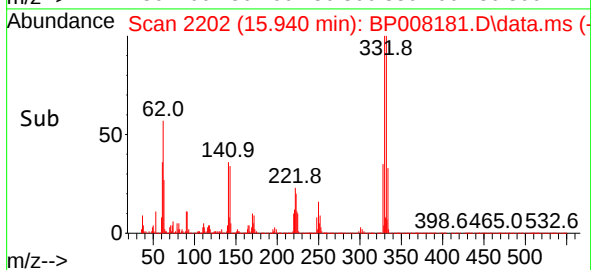
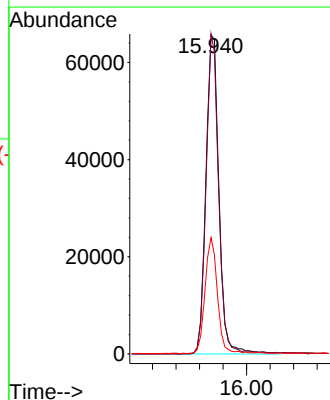
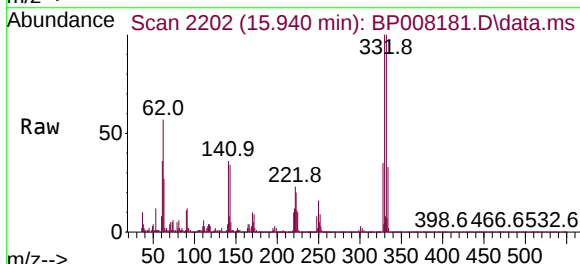
Instrument :
BNA_P
ClientSampleId :
SAMPLE-1

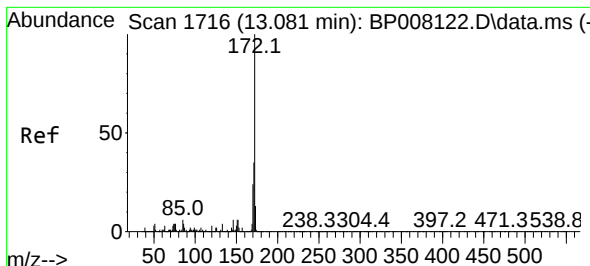
Tgt Ion:164 Resp: 201288
Ion Ratio Lower Upper
164 100
162 97.7 81.9 122.9
160 43.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 39.237 ng
RT: 15.940 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP008181.D
Acq: 01 Dec 2021 19:52

Tgt Ion:330 Resp: 100949
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 34.5 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 23.568 ng

RT: 13.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008181.D

Acq: 01 Dec 2021 19:52

Instrument :

BNA_P

ClientSampleId :

SAMPLE-1

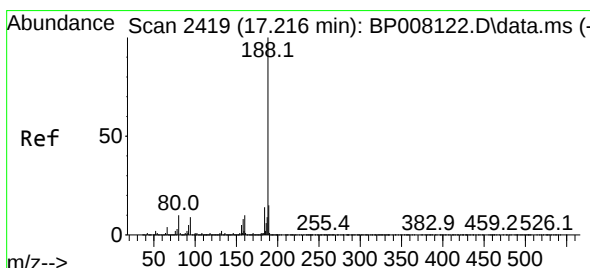
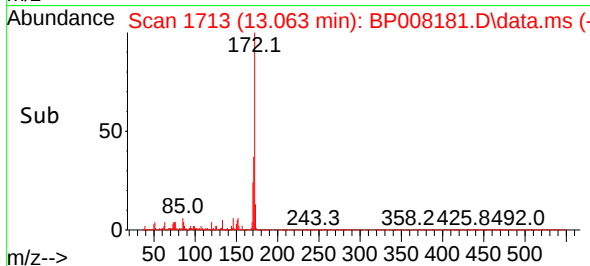
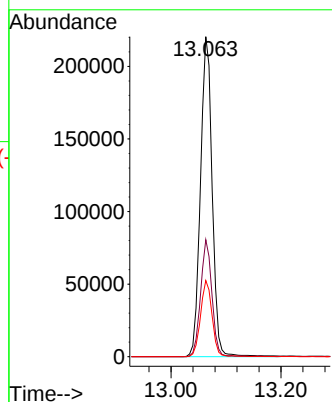
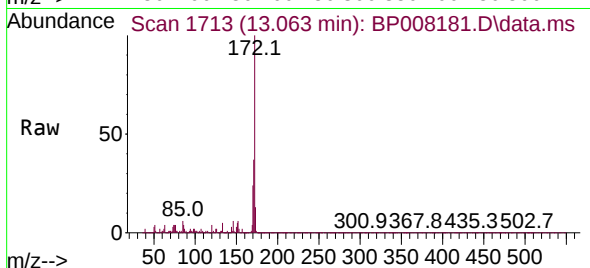
Tgt Ion:172 Resp: 326601

Ion Ratio Lower Upper

172 100

171 36.5 28.0 42.0

170 23.8 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP008181.D

Acq: 01 Dec 2021 19:52

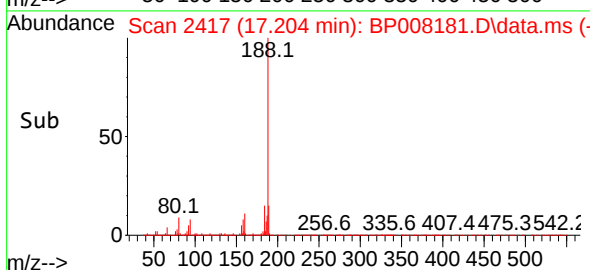
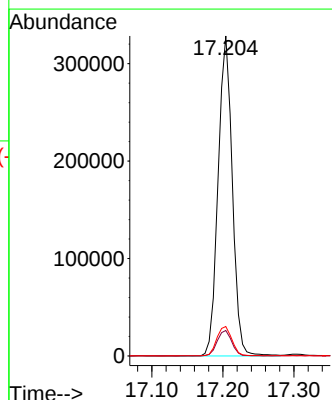
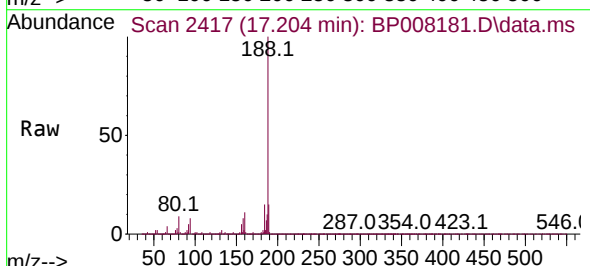
Tgt Ion:188 Resp: 454417

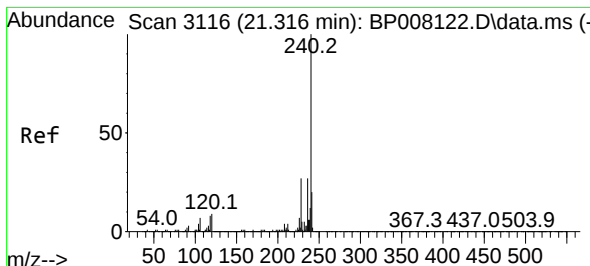
Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

80 9.2 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.304 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP008181.D

Acq: 01 Dec 2021 19:52

Instrument :

BNA_P

ClientSampleId :

SAMPLE-1

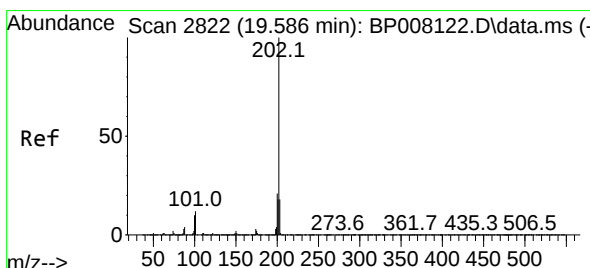
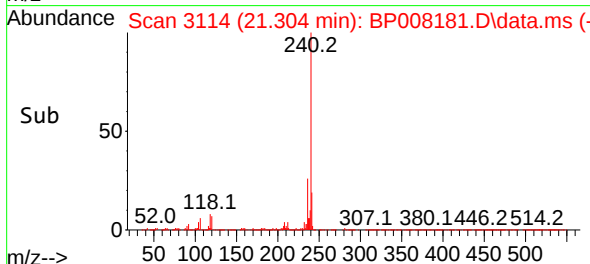
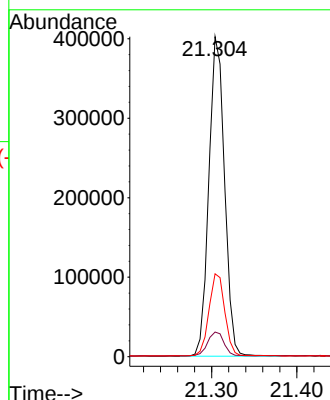
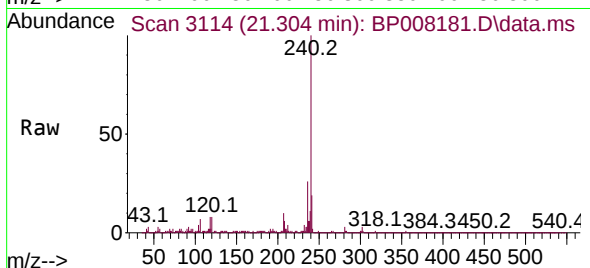
Tgt Ion:240 Resp: 514135

Ion Ratio Lower Upper

240 100

120 7.7 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. -0.006 min

Lab File: BP008181.D

Acq: 01 Dec 2021 19:52

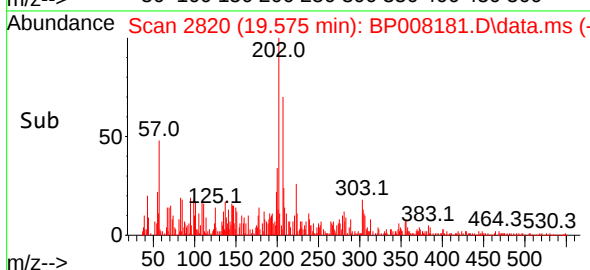
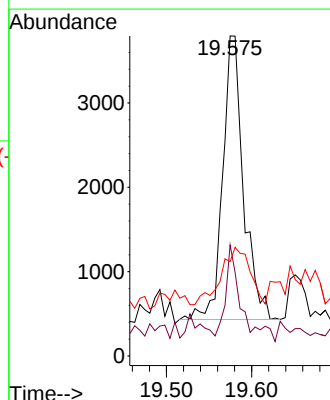
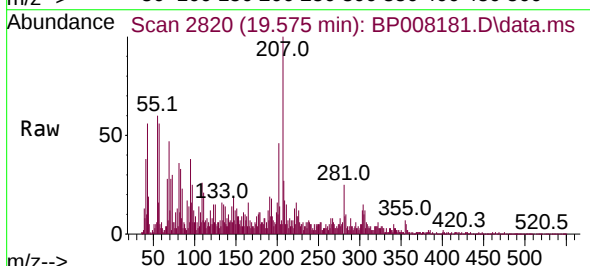
Tgt Ion:202 Resp: 5707

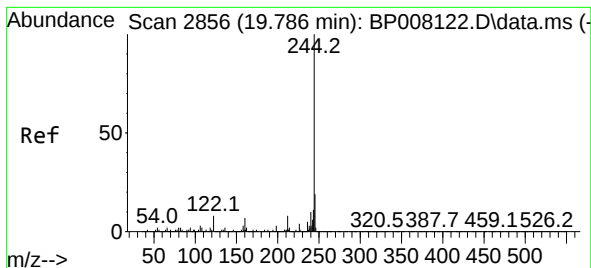
Ion Ratio Lower Upper

202 100

200 34.7 17.1 25.7#

203 29.5 14.2 21.2#





#79

Terphenyl-d14

Concen: 23.405 ng

RT: 19.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008181.D

Acq: 01 Dec 2021 19:52

Instrument :

BNA_P

ClientSampleId :

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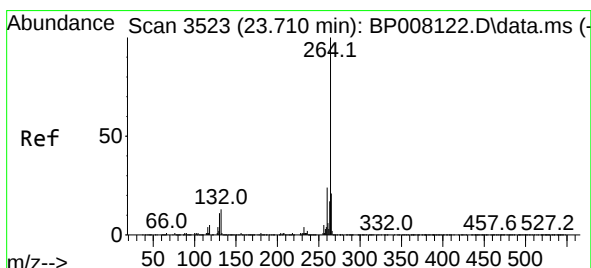
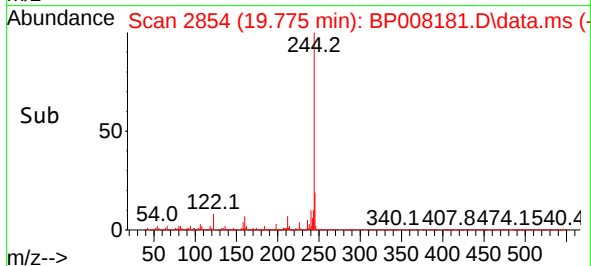
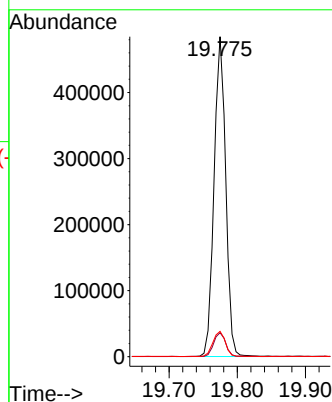
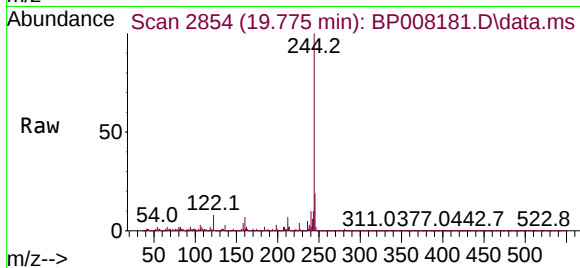
Tgt Ion:244 Resp: 575774

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 7.9 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 3521

Delta R.T. -0.006 min

Lab File: BP008181.D

Acq: 01 Dec 2021 19:52

Tgt Ion:264 Resp: 565286

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 22.5 17.6 26.4

