

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009070.D
 Acq On : 08 Feb 2022 21:38
 Operator : CG/JU
 Sample : N1411-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 270

Quant Time: Feb 09 00:29:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

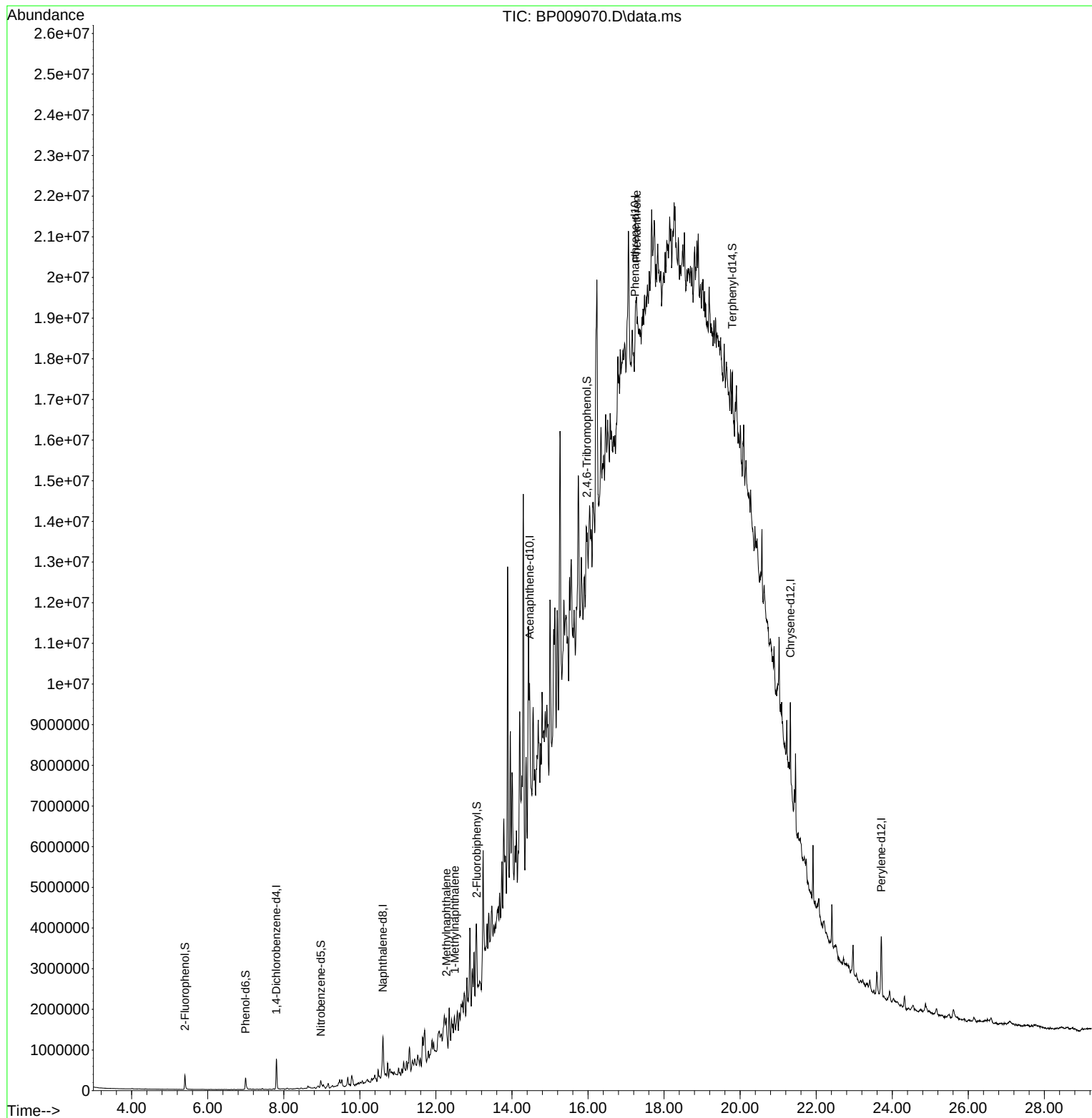
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	235061	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	833292	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	456552	20.000	ng	0.02
64) Phenanthrene-d10	17.234	188	709834	20.000	ng	# 0.03
76) Chrysene-d12	21.322	240	991991	20.000	ng	0.02
86) Perylene-d12	23.710	264	1145214	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	193703	14.700	ng	0.00
7) Phenol-d6	6.993	99	226874	13.066	ng	0.00
23) Nitrobenzene-d5	8.969	82	133942	9.065	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	94522	15.506	ng	0.02
45) 2-Fluorobiphenyl	13.075	172	341340	10.466	ng	0.00
79) Terphenyl-d14	19.792	244	467602	8.477	ng	0.02
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.275	142	174491	5.802	ng	# 94
38) 1-Methylnaphthalene	12.493	142	118434	4.030	ng	# 95
71) Phenanthrene	17.281	178	458151	11.920	ng	# 53

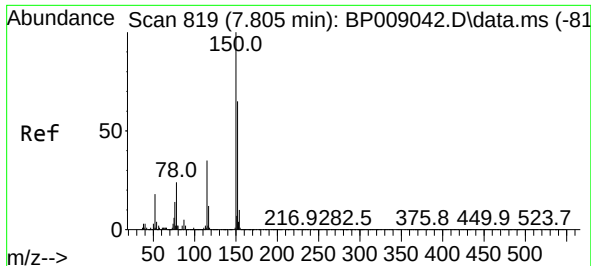
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 09 00:29:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

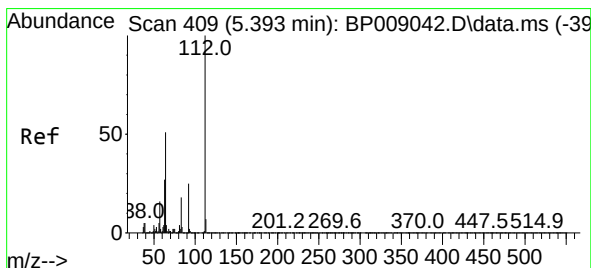
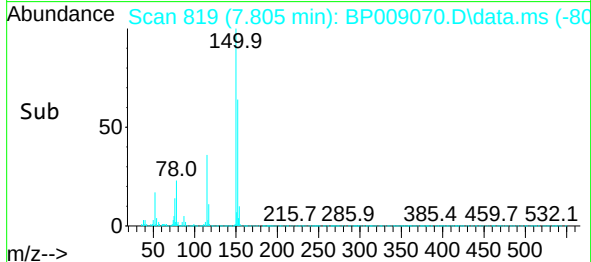
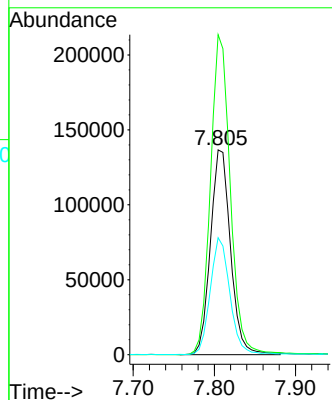
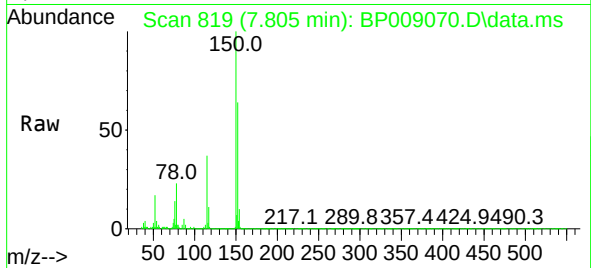




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

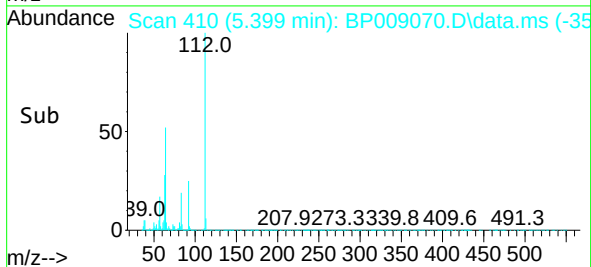
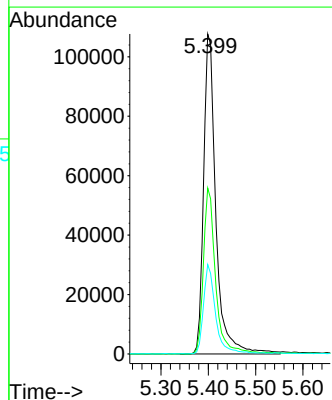
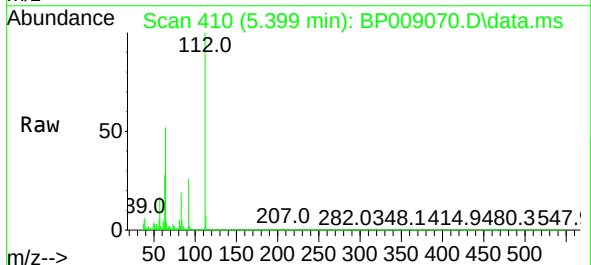
Instrument :
BNA_P
ClientSampleId :
270

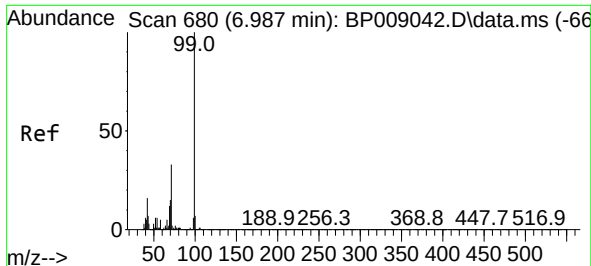
Tgt Ion:152 Resp: 235061
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 57.1 43.7 65.5



#5
2-Fluorophenol
Concen: 14.700 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:112 Resp: 193703
Ion Ratio Lower Upper
112 100
64 51.8 39.7 59.5
63 27.9 20.0 30.0

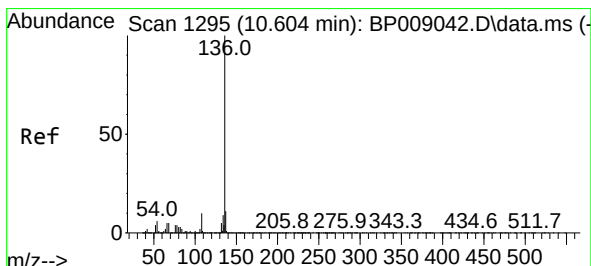
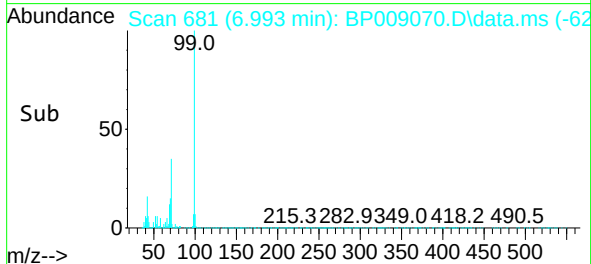
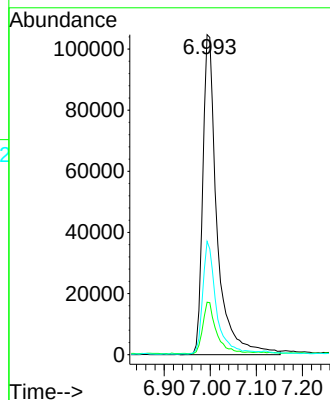
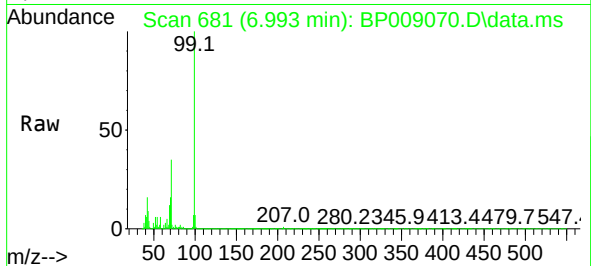




#7
Phenol-d6
Concen: 13.066 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

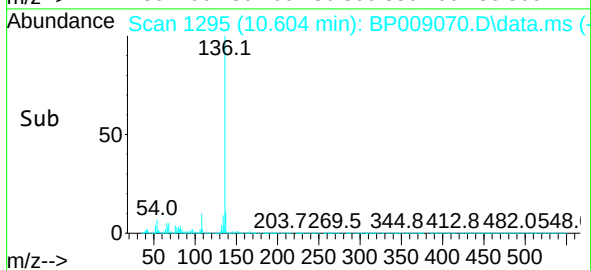
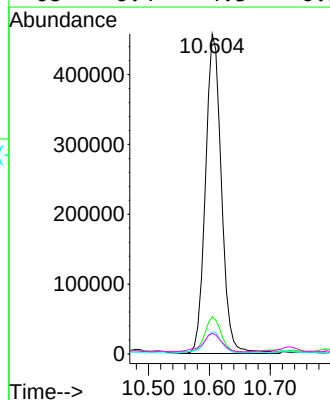
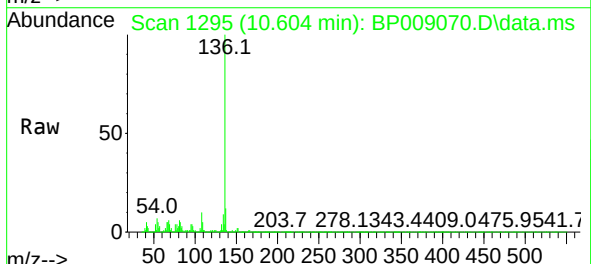
Instrument :
BNA_P
ClientSampleId :
270

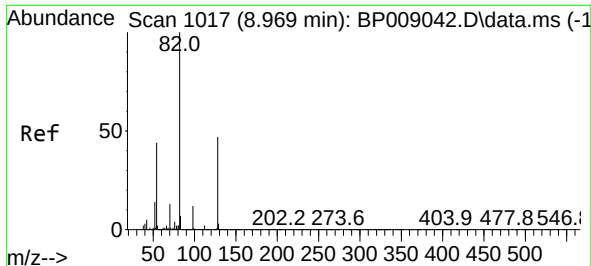
Tgt Ion: 99 Resp: 226874
Ion Ratio Lower Upper
99 100
42 16.4 10.8 16.2#
71 35.4 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion: 136 Resp: 833292
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 6.9 4.9 7.3
68 6.4 4.3 6.5

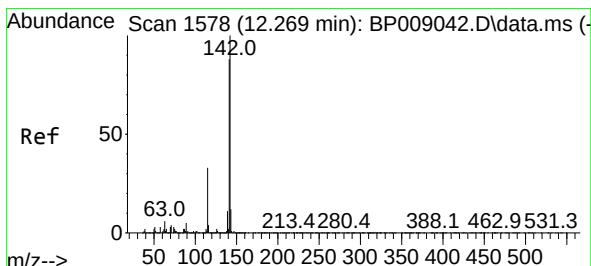
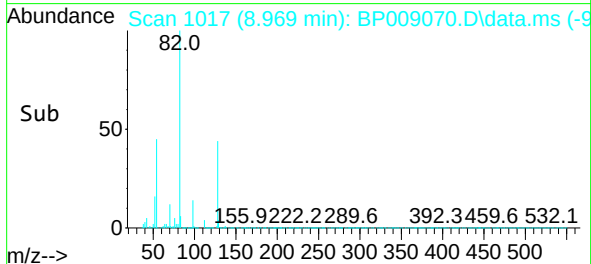
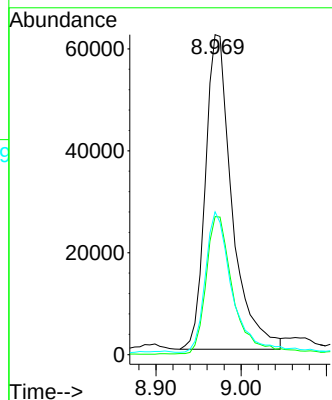
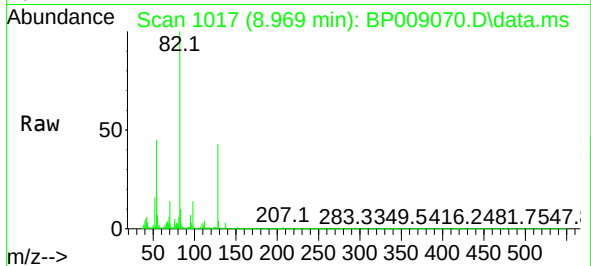




#23
Nitrobenzene-d5
Concen: 9.065 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

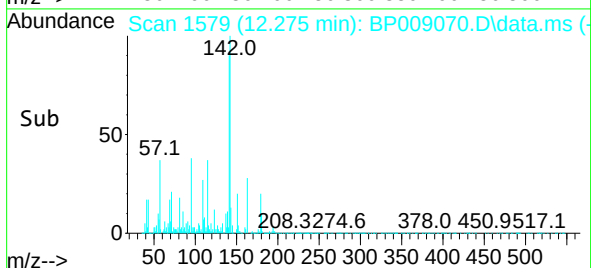
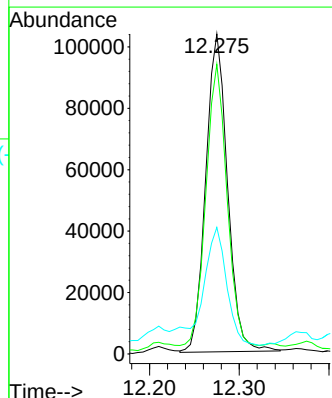
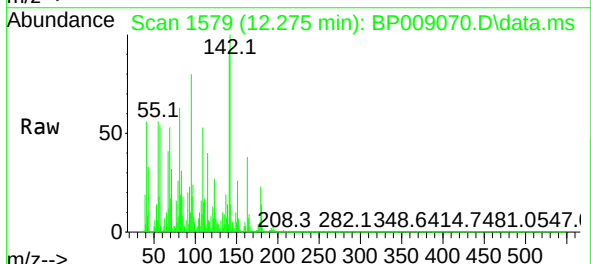
Instrument :
BNA_P
ClientSampleId :
270

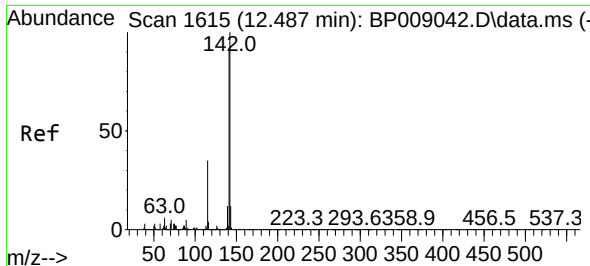
Tgt Ion: 82 Resp: 133942
Ion Ratio Lower Upper
82 100
128 43.2 39.4 59.2
54 44.7 32.6 48.8



#37
2-Methylnaphthalene
Concen: 5.802 ng
RT: 12.275 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion: 142 Resp: 174491
Ion Ratio Lower Upper
142 100
141 90.5 70.5 105.7
115 39.5 24.6 36.8

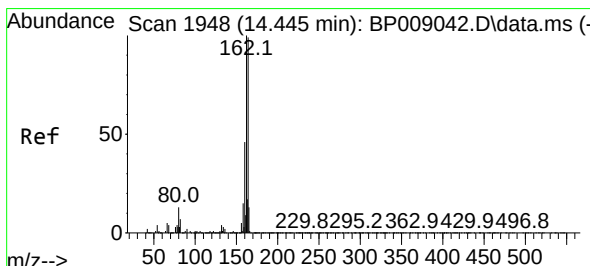
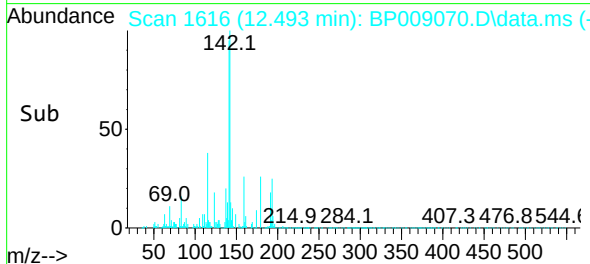
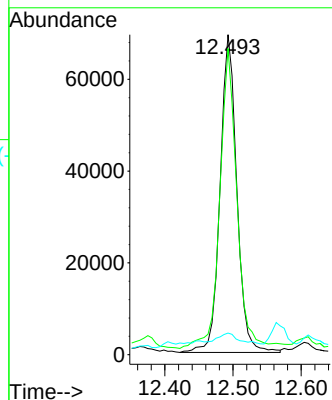
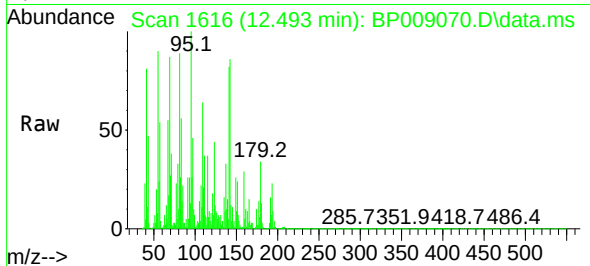




#38
1-Methylnaphthalene
Concen: 4.030 ng
RT: 12.493 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

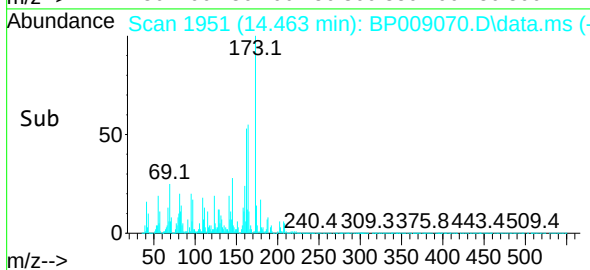
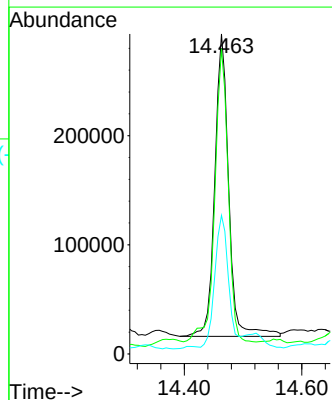
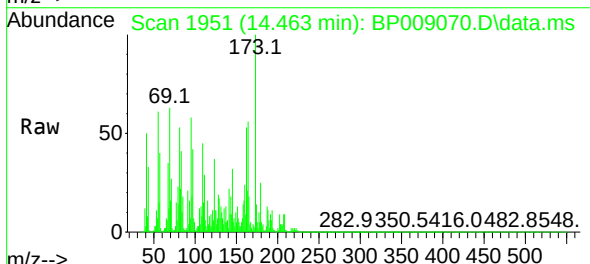
Instrument :
BNA_P
ClientSampleId :
270

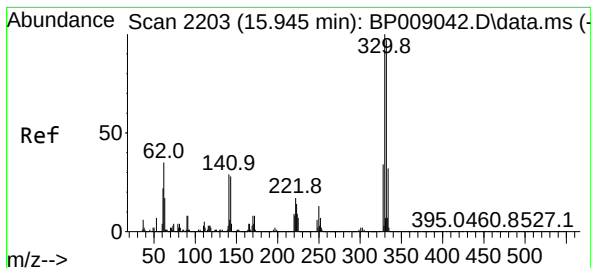
Tgt Ion:142 Resp: 118434
Ion Ratio Lower Upper
142 100
141 95.7 73.2 109.8
116 6.7 2.7 4.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:164 Resp: 456552
Ion Ratio Lower Upper
164 100
162 95.3 79.9 119.9
160 43.3 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 15.506 ng

RT: 15.969 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP009070.D

Acq: 08 Feb 2022 21:38

Instrument :

BNA_P

ClientSampleId :

270

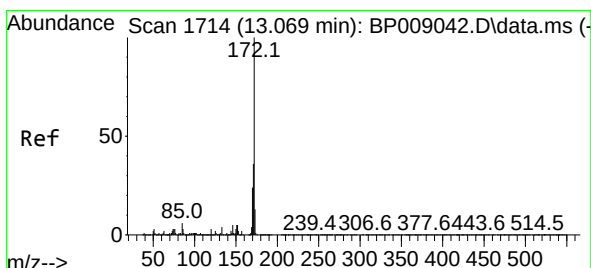
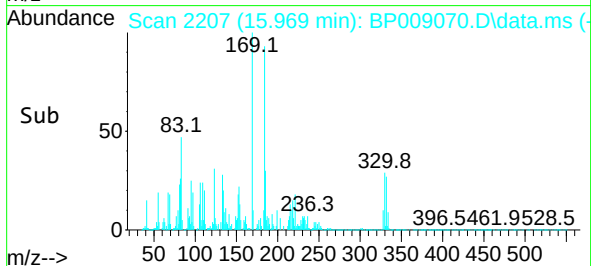
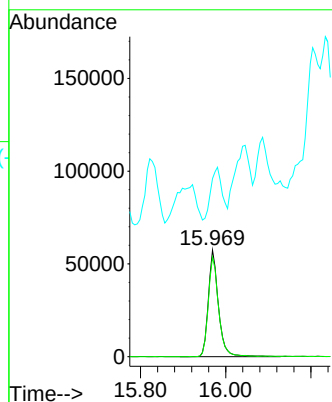
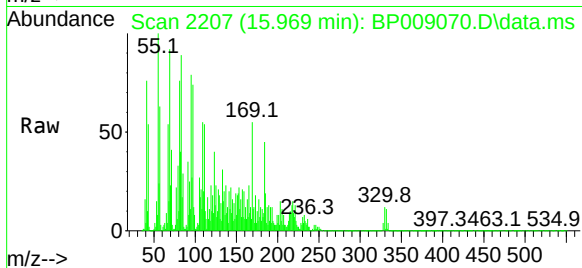
Tgt Ion:330 Resp: 94522

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.4

141 55.1 21.3 31.9#



#45

2-Fluorobiphenyl

Concen: 10.466 ng

RT: 13.075 min Scan# 1715

Delta R.T. 0.006 min

Lab File: BP009070.D

Acq: 08 Feb 2022 21:38

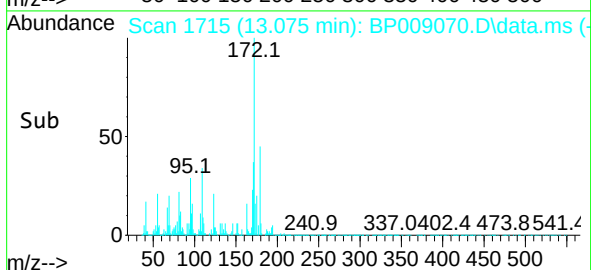
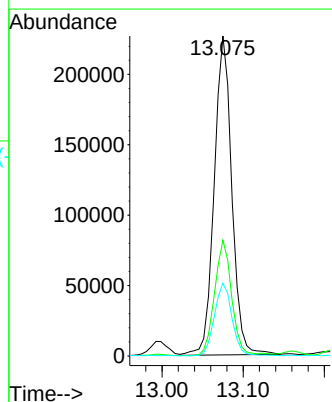
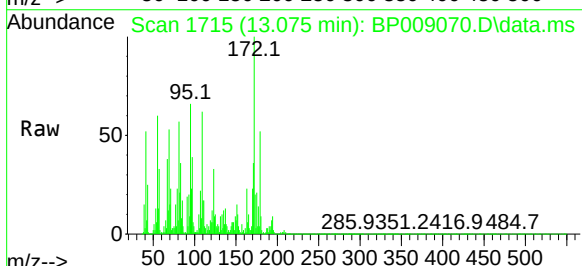
Tgt Ion:172 Resp: 341340

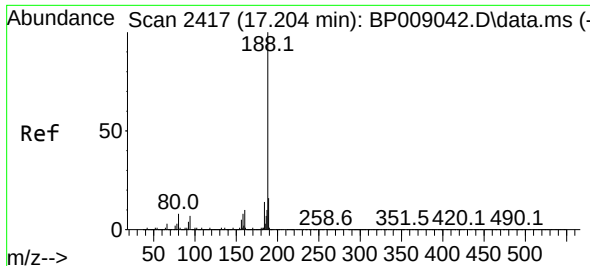
Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

170 22.7 19.5 29.3

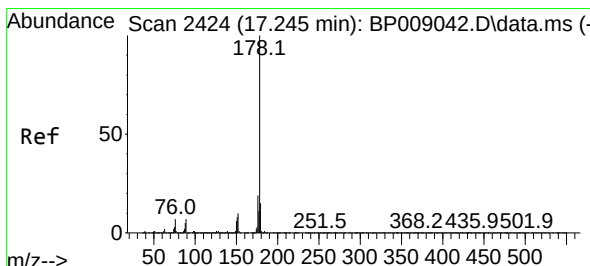
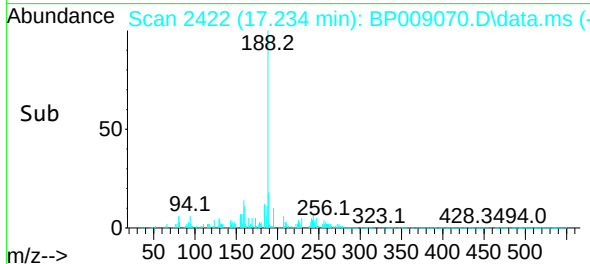
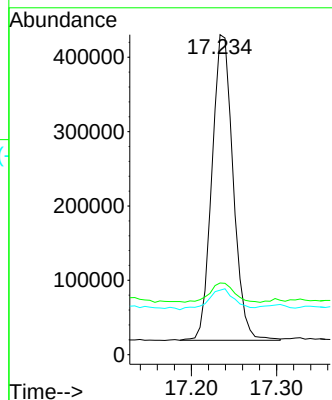
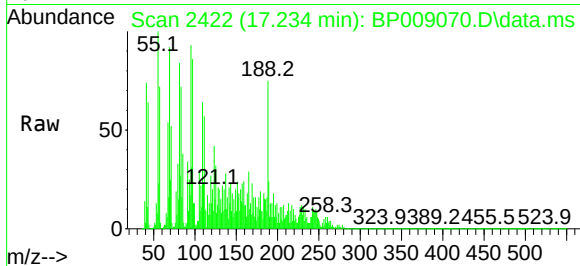




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.234 min Scan# 2417
Delta R.T. 0.029 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

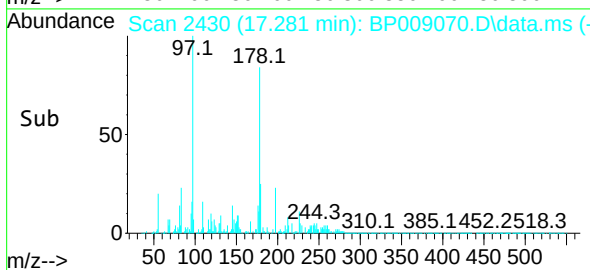
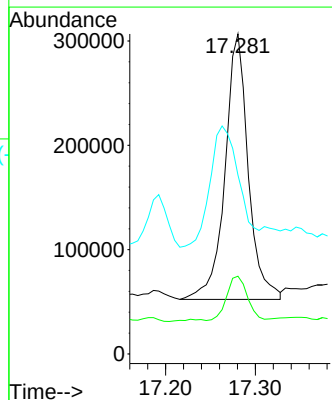
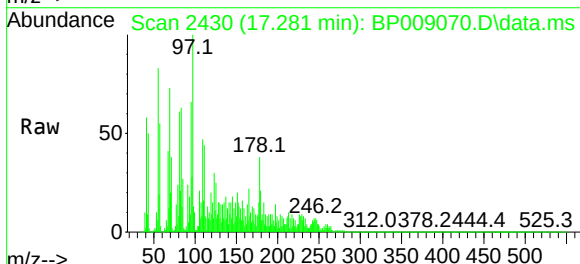
Instrument :
BNA_P
ClientSampleId :
270

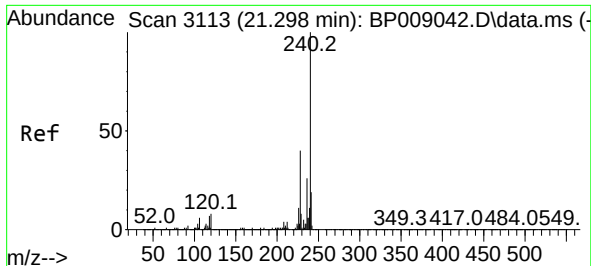
Tgt Ion:188 Resp: 709834
Ion Ratio Lower Upper
188 100
94 22.4 6.8 10.2#
80 20.1 7.2 10.8#



#71
Phenanthrene
Concen: 11.920 ng
RT: 17.281 min Scan# 2430
Delta R.T. 0.035 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:178 Resp: 458151
Ion Ratio Lower Upper
178 100
176 24.3 16.0 24.0#
179 55.9 13.0 19.4#

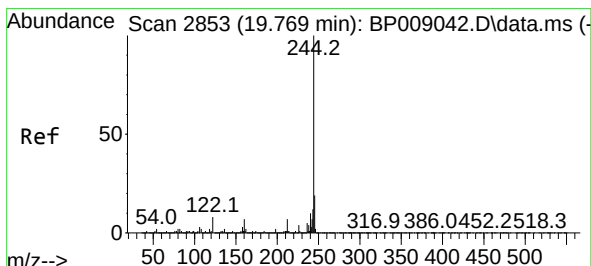
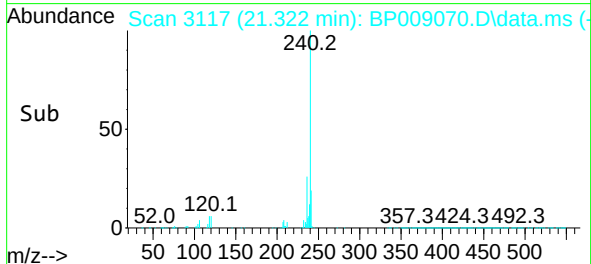
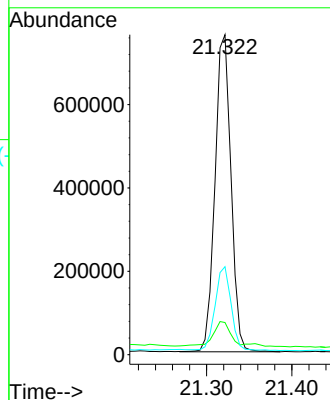
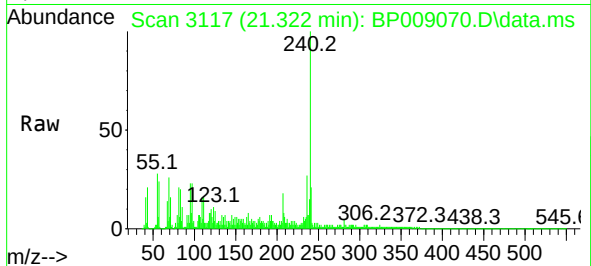




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. 0.024 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

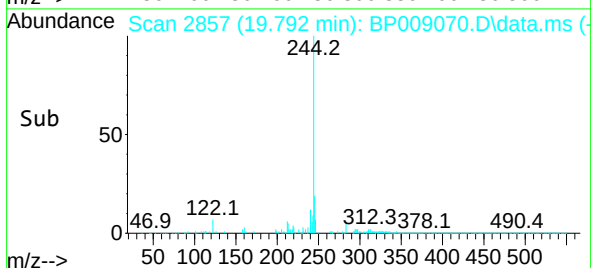
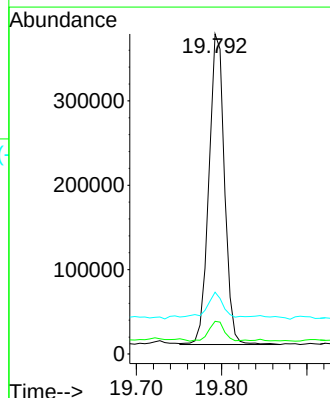
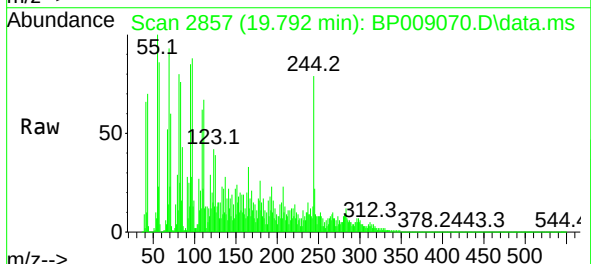
Instrument :
BNA_P
ClientSampleId :
270

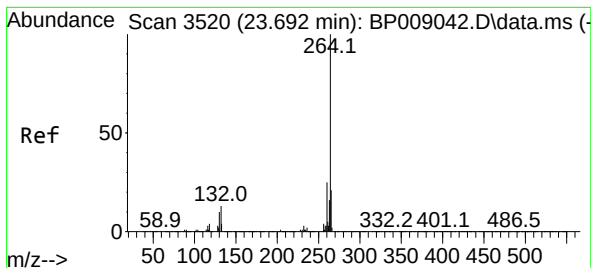
Tgt Ion:240 Resp: 991991
Ion Ratio Lower Upper
240 100
120 10.1 7.7 11.5
236 27.5 21.2 31.8



#79
Terphenyl-d14
Concen: 8.477 ng
RT: 19.792 min Scan# 2857
Delta R.T. 0.024 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:244 Resp: 467602
Ion Ratio Lower Upper
244 100
212 10.2 6.5 9.7#
122 19.3 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.710 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP009070.D

Acq: 08 Feb 2022 21:38

Instrument :

BNA_P

ClientSampleId :

270

Tgt Ion:264 Resp: 1145214

Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 22.6 17.1 25.7

