

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009492.D
 Acq On : 22 Mar 2022 17:30
 Operator : CG/JU
 Sample : N2058-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MHA

Quant Time: Mar 23 01:22:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

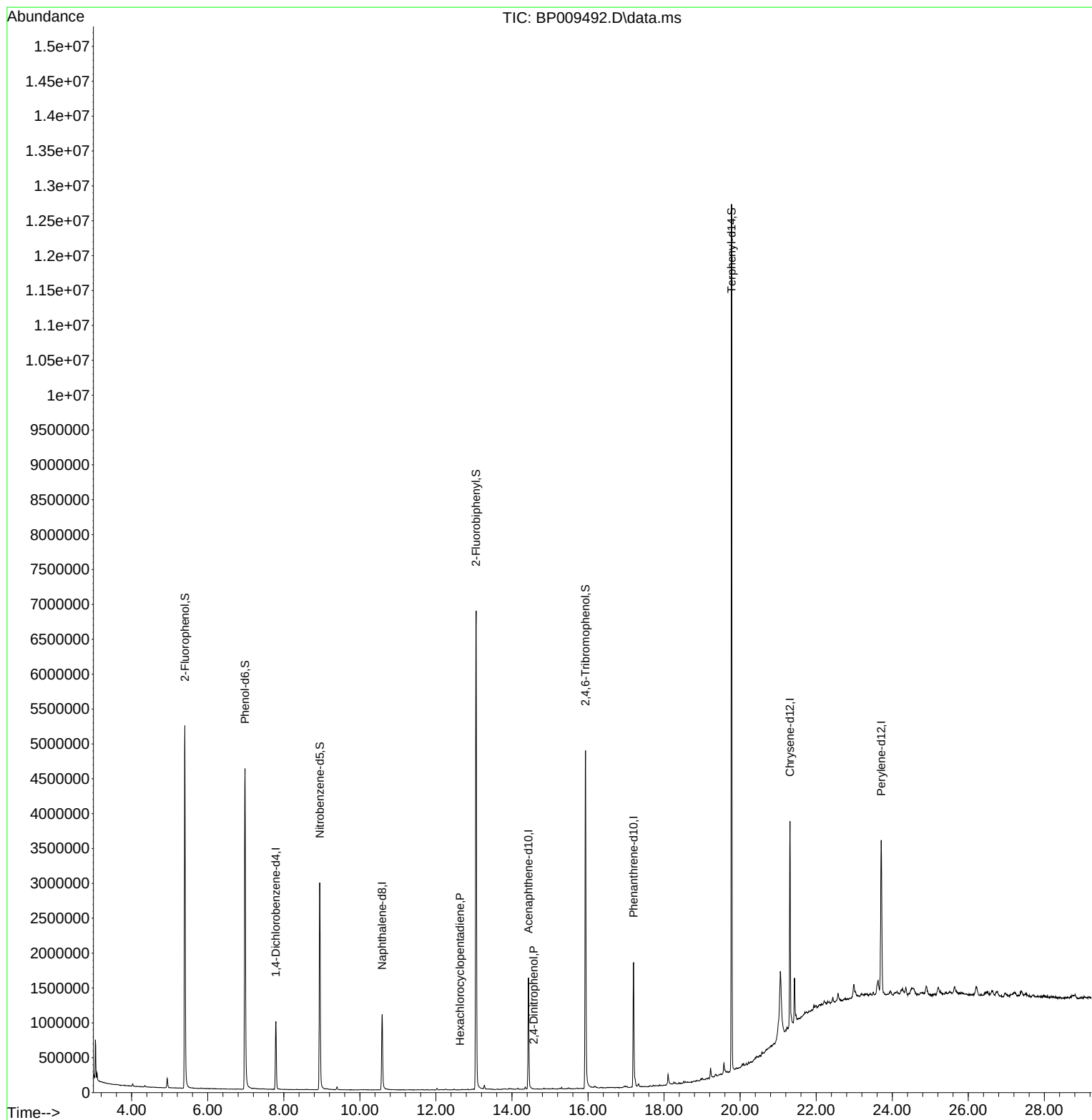
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	301171	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1100511	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	626896	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1258675	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1538485	20.000	ng	0.00
86) Perylene-d12	23.710	264	1802219	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2668619	154.704	ng	0.00
7) Phenol-d6	6.981	99	3236365	138.733	ng	-0.01
23) Nitrobenzene-d5	8.946	82	2029045	97.977	ng	-0.01
42) 2,4,6-Tribromophenol	15.934	330	1157529	111.894	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	4154083	91.862	ng	0.00
79) Terphenyl-d14	19.775	244	6302232	73.526	ng	0.00
Target Compounds						
9) Benzaldehyde	6.981	77	6654	Below Cal	#	11
41) Hexachlorocyclopentadiene	12.634	237	35	7.292	ng	81
54) 2,4-Dinitrophenol	14.569	184	18	4.535	ng	# 1

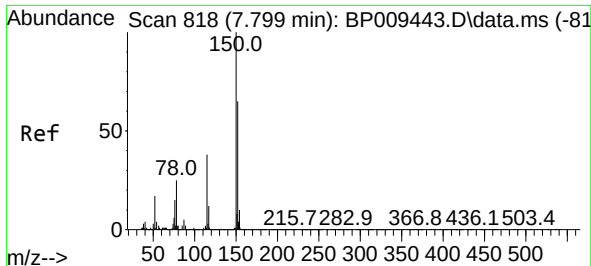
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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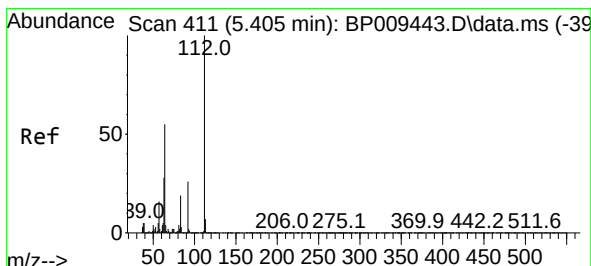
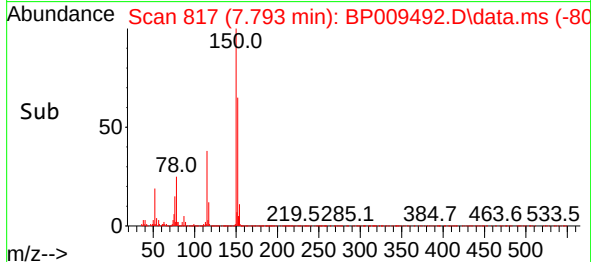
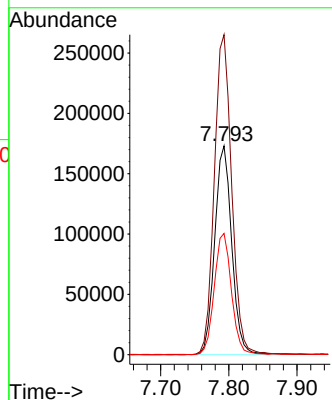
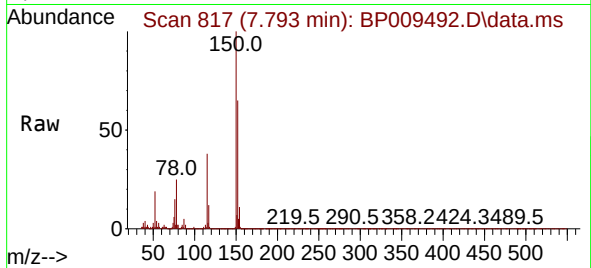




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009492.D
Acq: 22 Mar 2022 17:30

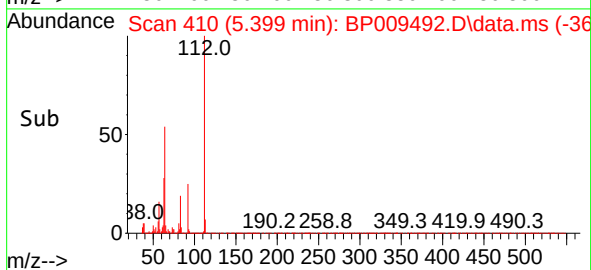
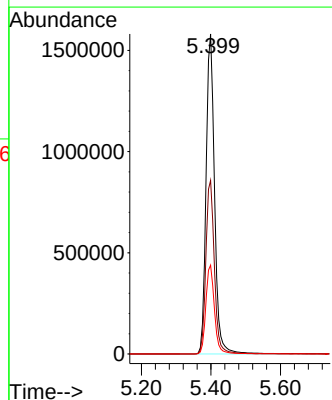
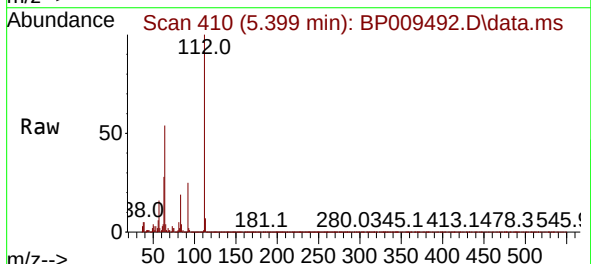
Instrument :
BNA_P
ClientSampleId :
MHA

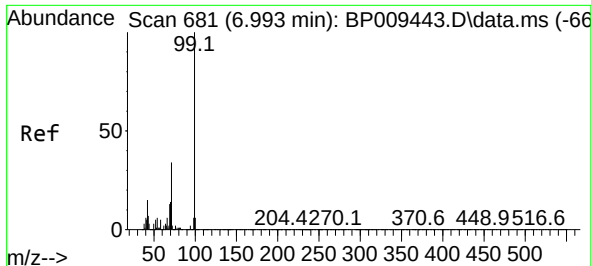
Tgt Ion:152 Resp: 301171
Ion Ratio Lower Upper
152 100
150 153.3 124.5 186.7
115 58.1 48.2 72.4



#5
2-Fluorophenol
Concen: 154.704 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009492.D
Acq: 22 Mar 2022 17:30

Tgt Ion:112 Resp: 2668619
Ion Ratio Lower Upper
112 100
64 54.3 45.0 67.4
63 27.8 23.0 34.6

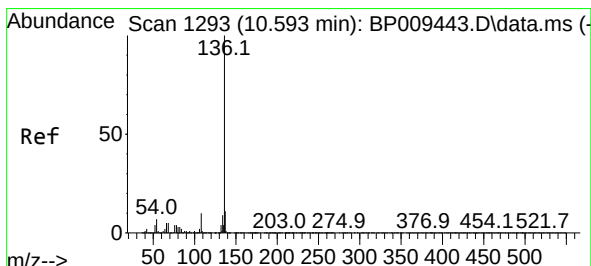
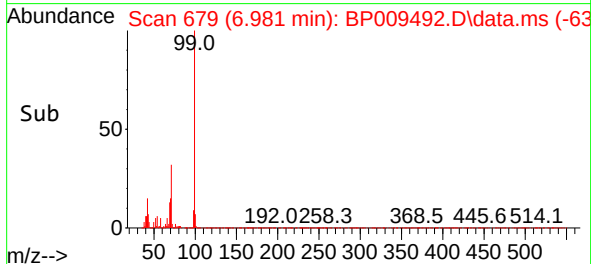
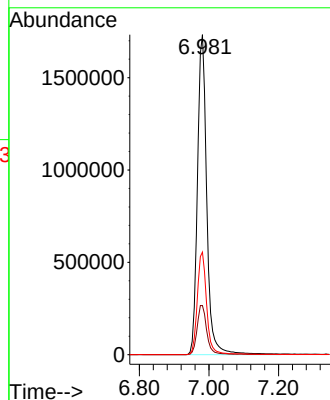
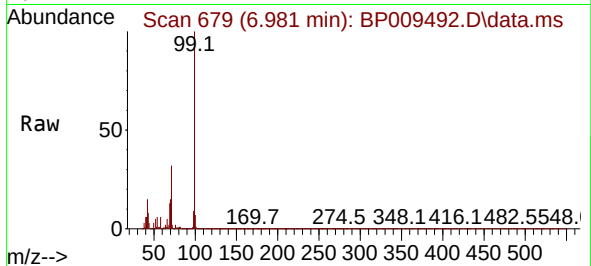




#7
Phenol-d6
Concen: 138.733 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009492.D
Acq: 22 Mar 2022 17:30

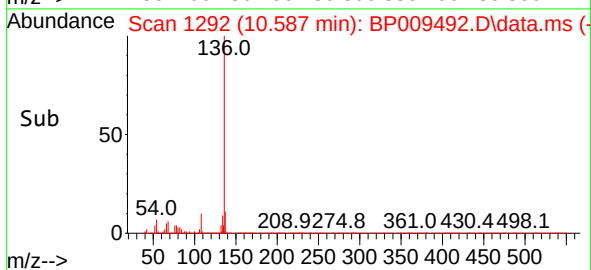
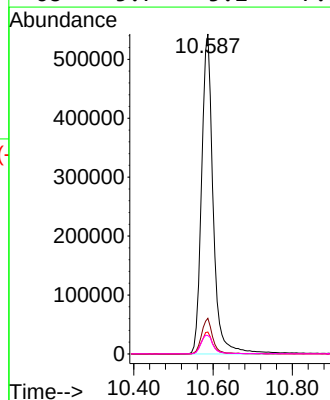
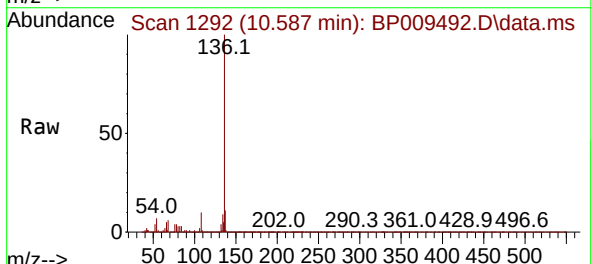
Instrument :
BNA_P
ClientSampleId :
MHA

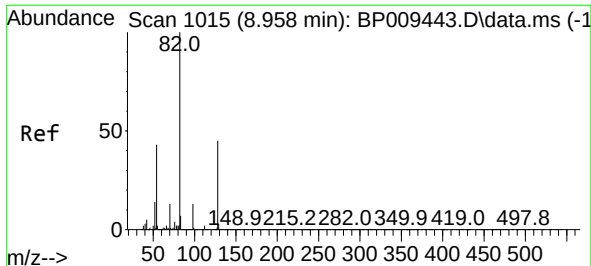
Tgt Ion: 99 Resp: 3236365
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 32.0 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009492.D
Acq: 22 Mar 2022 17:30

Tgt Ion: 136 Resp: 1100511
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.9 5.8 8.8
68 5.7 5.2 7.8

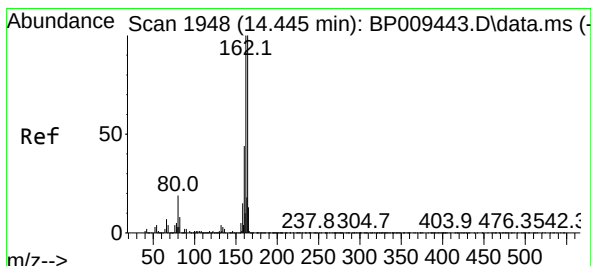
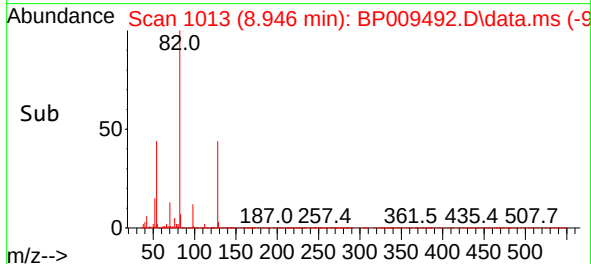
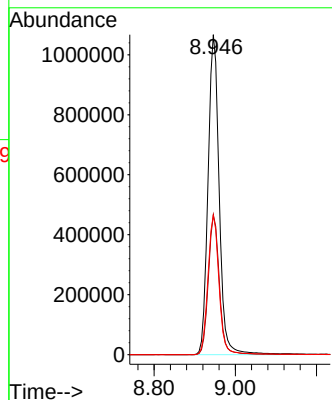
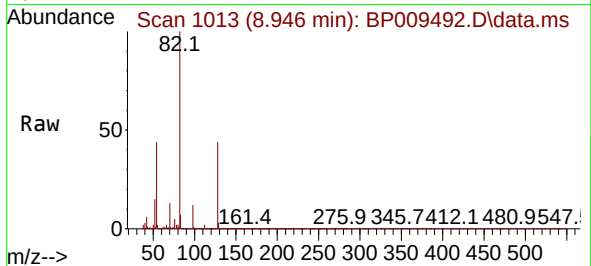




#23
Nitrobenzene-d5
Concen: 97.977 ng
RT: 8.946 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009492.D
Acq: 22 Mar 2022 17:30

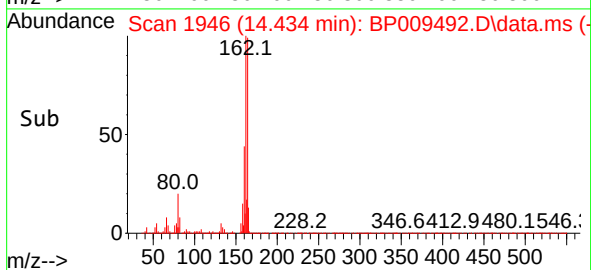
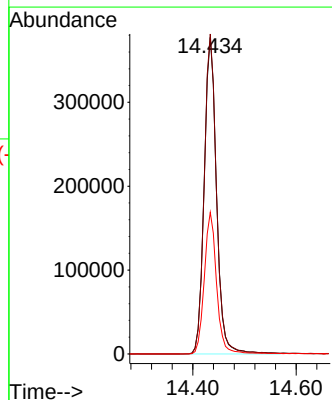
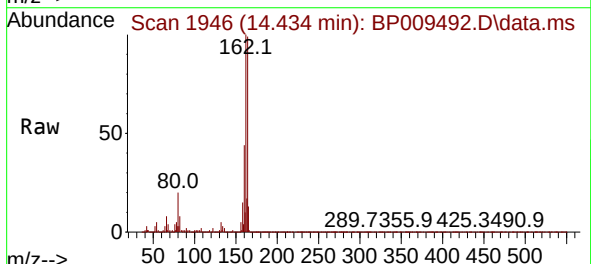
Instrument :
BNA_P
ClientSampleId :
MHA

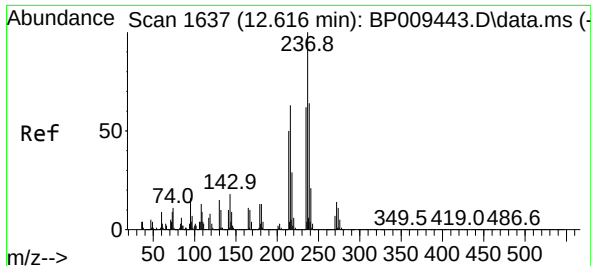
Tgt Ion: 82 Resp: 2029045
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 43.6 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009492.D
Acq: 22 Mar 2022 17:30

Tgt Ion:164 Resp: 626896
Ion Ratio Lower Upper
164 100
162 101.1 79.1 118.7
160 44.7 34.9 52.3

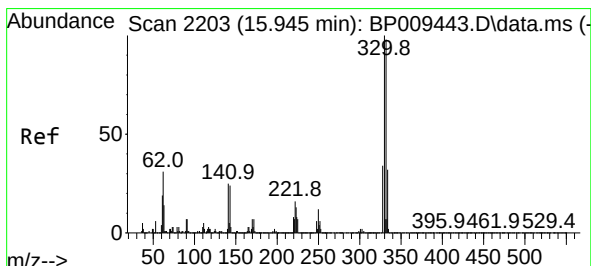
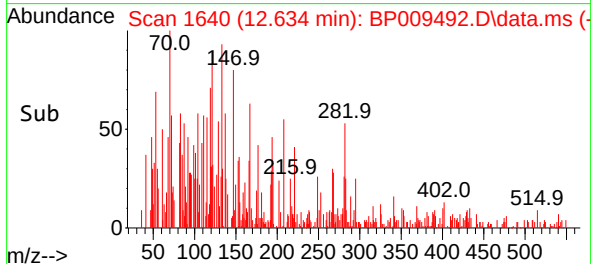
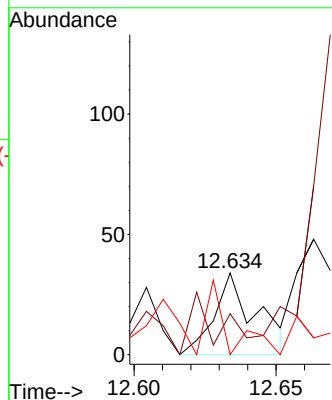
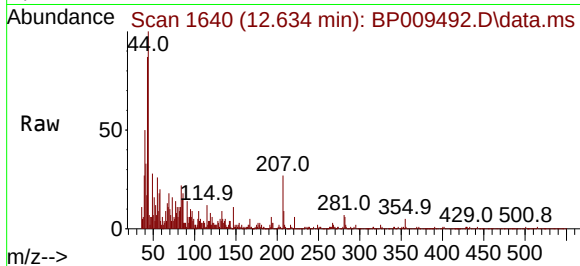




#41
Hexachlorocyclopentadiene
Concen: 7.292 ng
RT: 12.634 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP009492.D
Acq: 22 Mar 2022 17:30

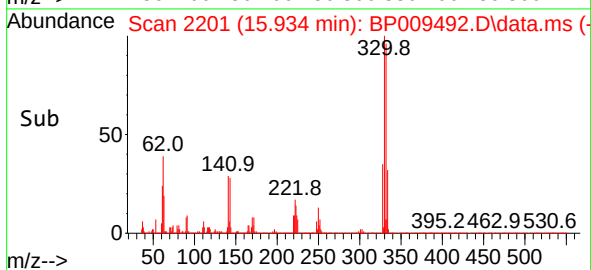
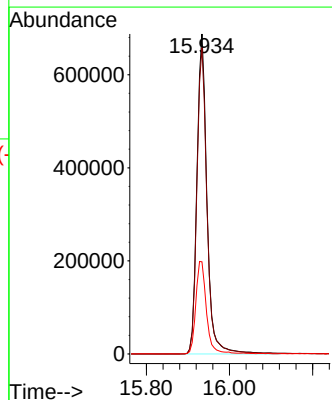
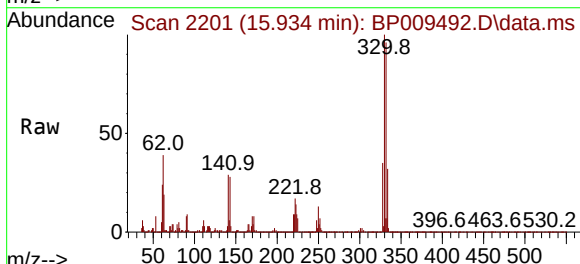
Instrument :
BNA_P
ClientSampleId :
MHA

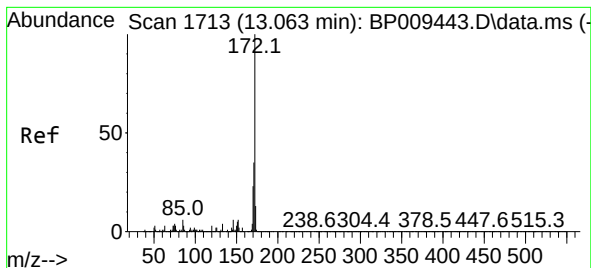
Tgt Ion:	237	Resp:	35
Ion Ratio	Lower	Upper	
237	100		
235	50.0	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 111.894 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BP009492.D
Acq: 22 Mar 2022 17:30

Tgt Ion:	330	Resp:	1157529
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	30.3	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 91.862 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009492.D

Acq: 22 Mar 2022 17:30

Instrument :

BNA_P

ClientSampleId :

MHA

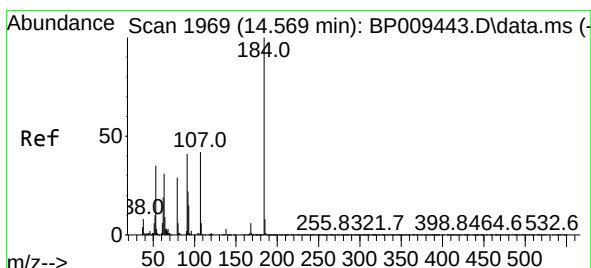
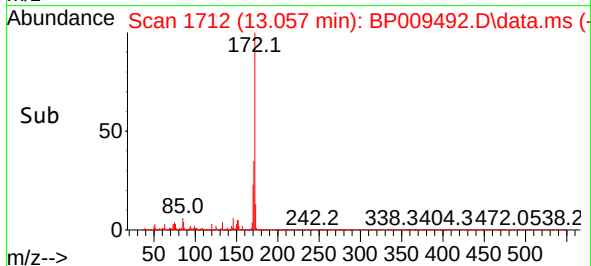
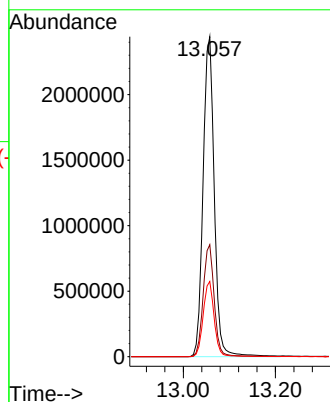
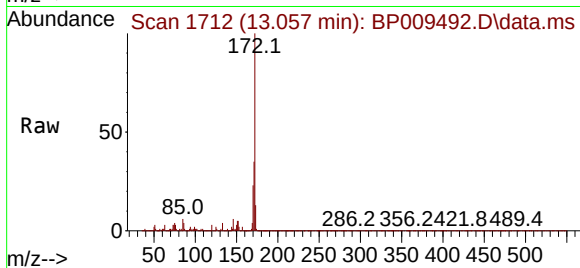
Tgt Ion:172 Resp: 4154083

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.5 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.535 ng

RT: 14.569 min Scan# 1969

Delta R.T. -0.000 min

Lab File: BP009492.D

Acq: 22 Mar 2022 17:30

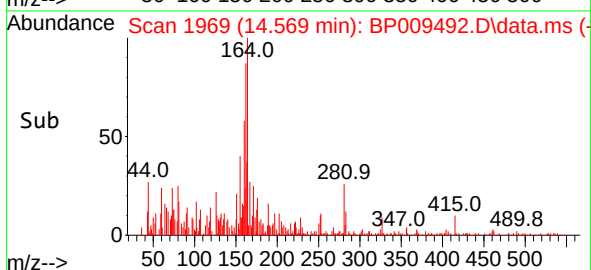
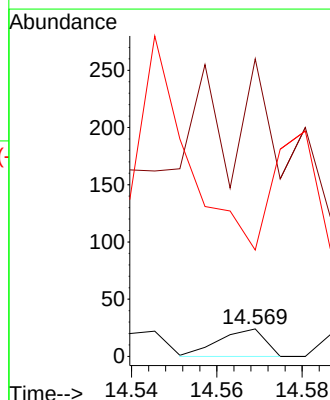
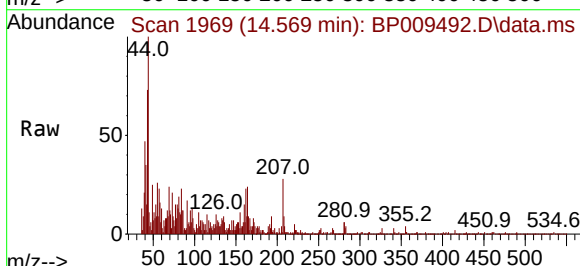
Tgt Ion:184 Resp: 18

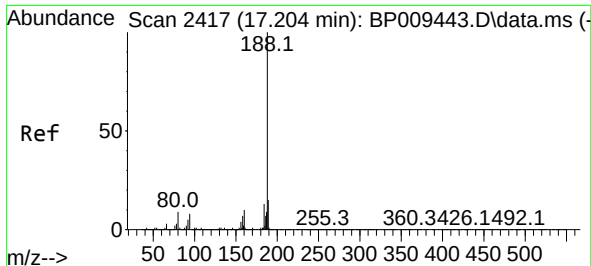
Ion Ratio Lower Upper

184 100

63 1083.3 46.3 69.5#

154 387.5 45.8 68.6#

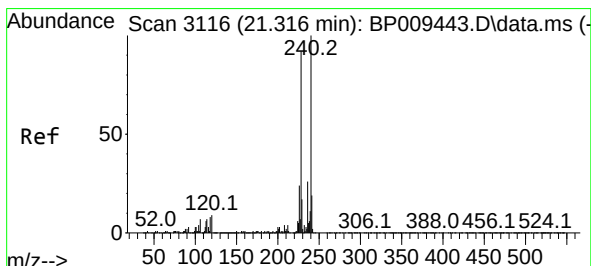
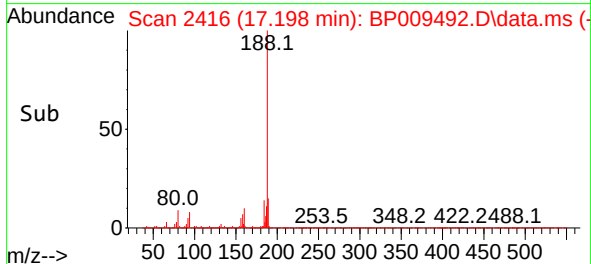
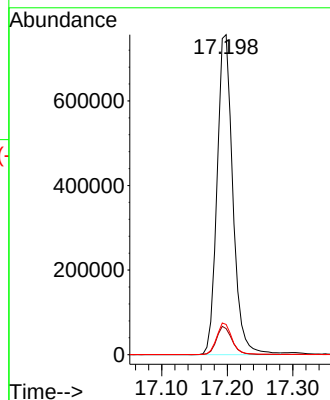
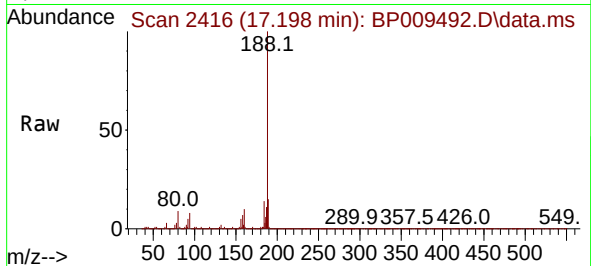




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009492.D
Acq: 22 Mar 2022 17:30

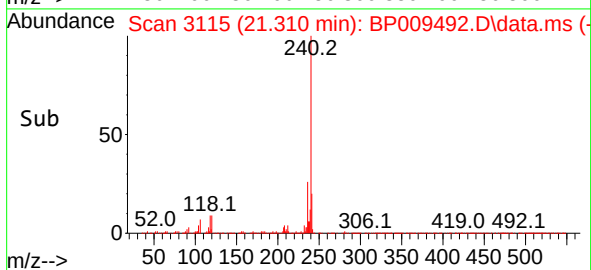
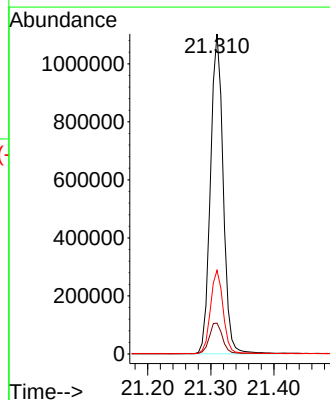
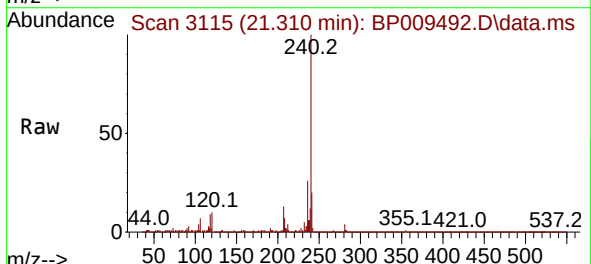
Instrument :
BNA_P
ClientSampleId :
MHA

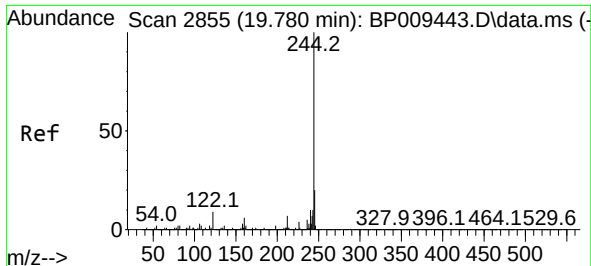
Tgt Ion:188 Resp: 1258675
Ion Ratio Lower Upper
188 100
94 8.2 7.9 11.9
80 9.5 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009492.D
Acq: 22 Mar 2022 17:30

Tgt Ion:240 Resp: 1538485
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 26.2 20.6 30.8

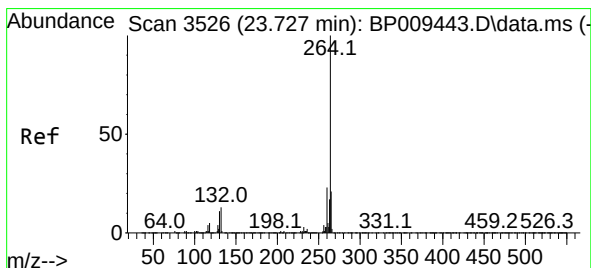
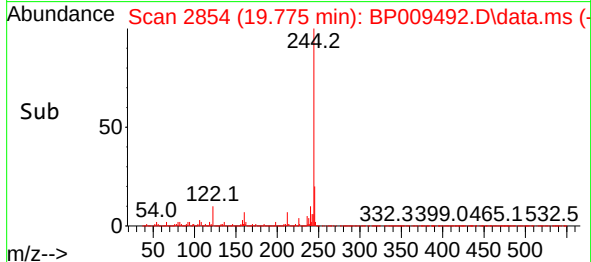
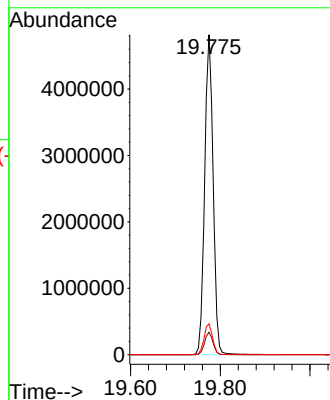
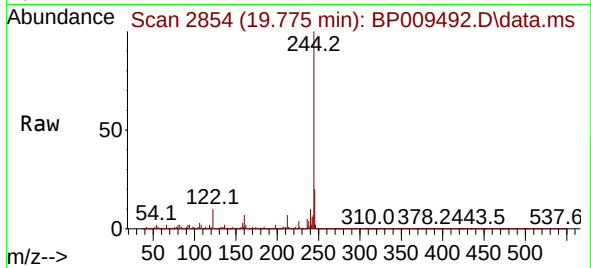




#79
 Terphenyl-d14
 Concen: 73.526 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009492.D
 Acq: 22 Mar 2022 17:30

Instrument :
 BNA_P
 ClientSampleId :
 MHA

Tgt Ion:244 Resp: 6302232
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.710 min Scan# 3523
 Delta R.T. -0.018 min
 Lab File: BP009492.D
 Acq: 22 Mar 2022 17:30

Tgt Ion:264 Resp: 1802219
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 21.9 17.2 25.8

