

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008502.D
 Acq On : 18 Dec 2021 22:38
 Operator : CG/JU
 Sample : M5115-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-7

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021

Quant Time: Dec 20 00:55:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	45547	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	177397	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	118829	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	247740	20.000	ng	-0.01
76) Chrysene-d12	21.251	240	297836	20.000	ng	-0.01
86) Perylene-d12	23.610	264	336451	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	209238	72.548	ng	0.00
7) Phenol-d6	6.928	99	165348	42.686	ng	0.00
23) Nitrobenzene-d5	8.887	82	381420	91.088	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	255990	146.591	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	805736	86.195	ng	-0.01
79) Terphenyl-d14	19.716	244	1285742	75.132	ng	-0.01
Target Compounds						
32) Benzoic acid	9.922	122	25411m	13.917	ng	Qvalue
52) Acenaphthene	14.440	154	17118	2.674	ng	93
58) Fluorene	15.428	166	28153	3.334	ng	# 92
73) Carbazole	17.563	167	53551	4.420	ng	# 97

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

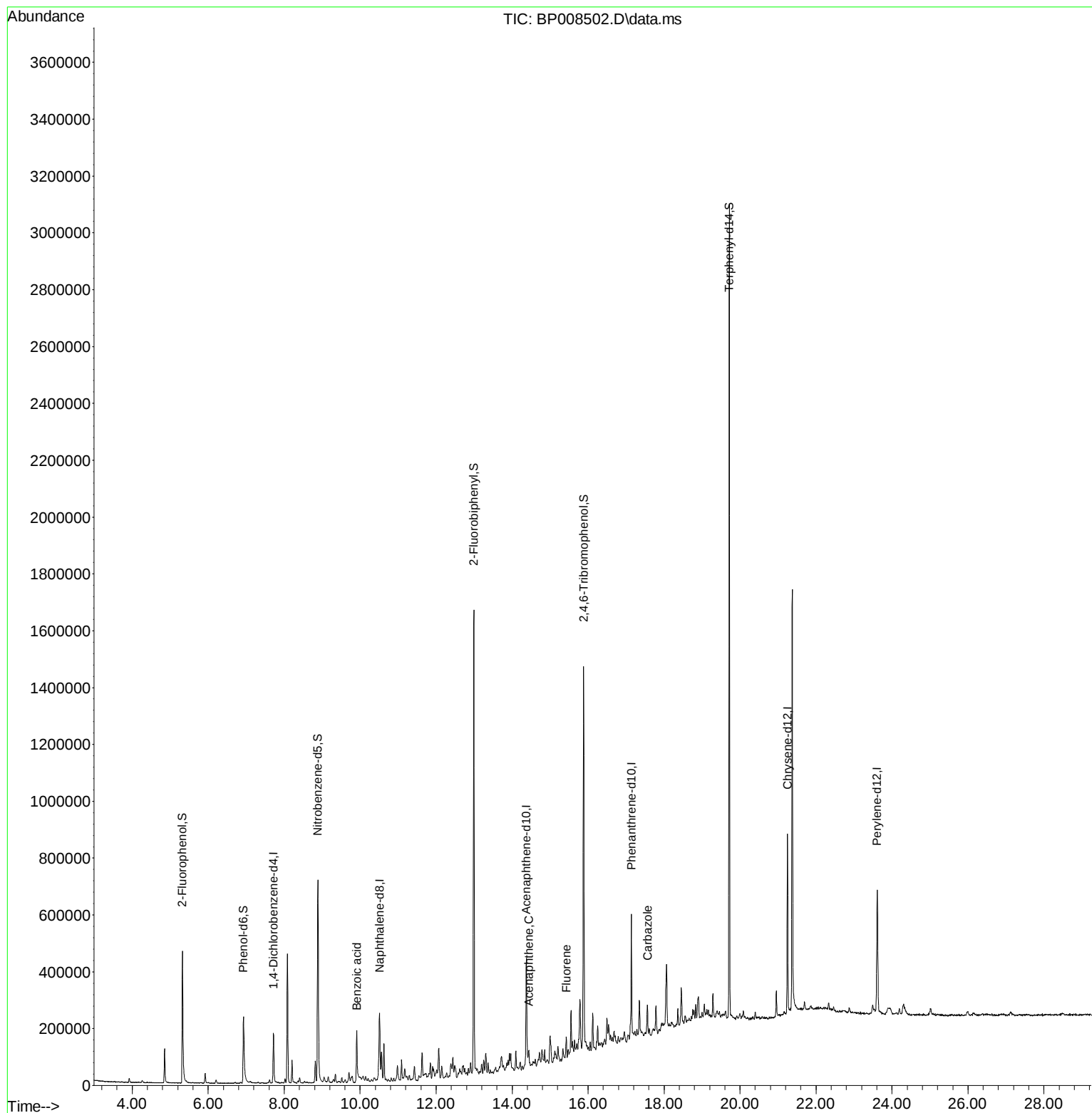
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
Data File : BP008502.D
Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

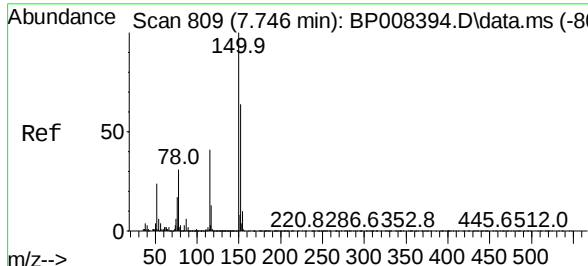
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Quant Time: Dec 20 00:55:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 18 06:49:58 2021
Response via : Initial Calibration





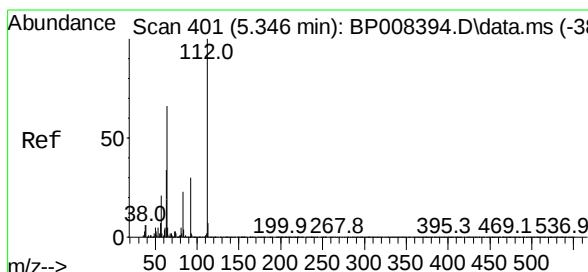
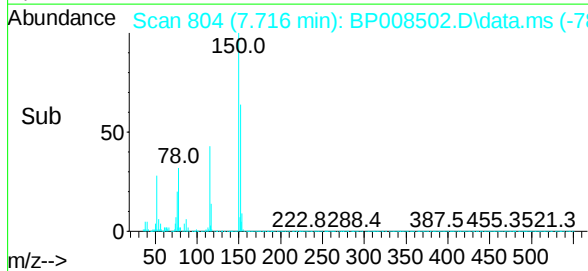
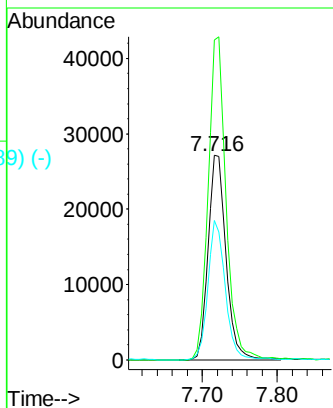
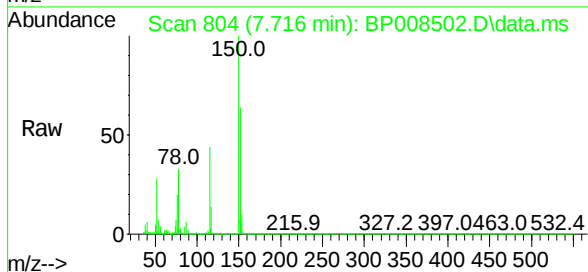
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 804
 Delta R.T. -0.012 min
 Lab File: BP008502.D
 Acq: 18 Dec 2021 22:38

Instrument :
 BNA_P
 ClientSampleId :
 MW-7

Tgt Ion:	152	Resp:	4554
Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.7	188.5
115	68.1	50.7	76.1

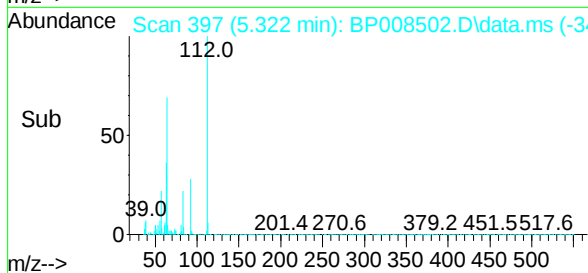
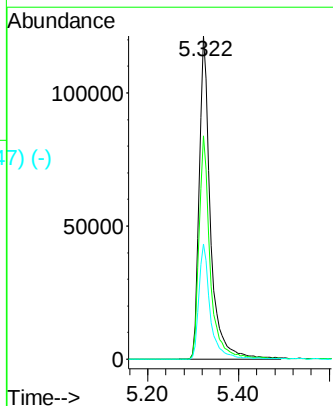
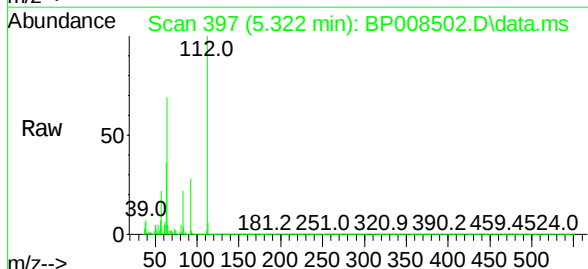
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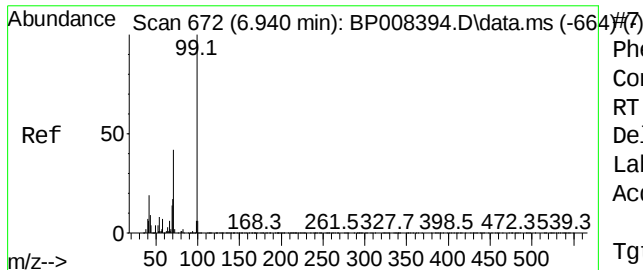
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 Supervised By :mohammad ahmed 12/27/2021



2-Fluorophenol
 Concen: 72.548 ng
 RT: 5.322 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: BP008502.D
 Acq: 18 Dec 2021 22:38

Tgt Ion:	112	Resp:	209238
Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.4	80.2
63	35.6	27.8	41.8





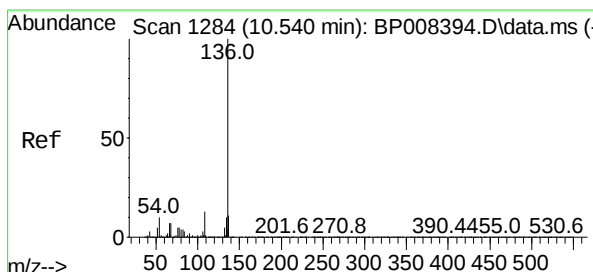
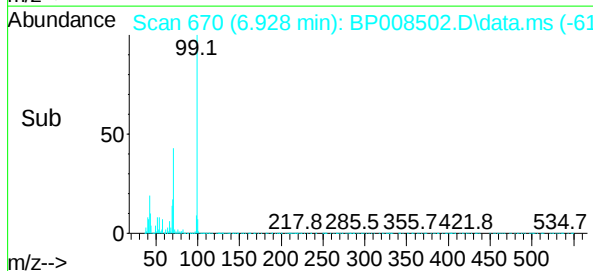
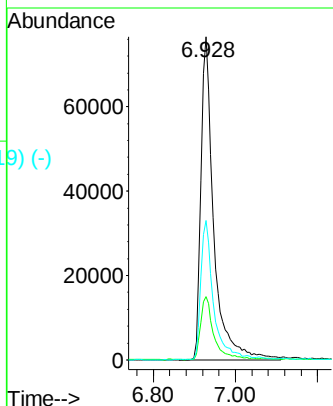
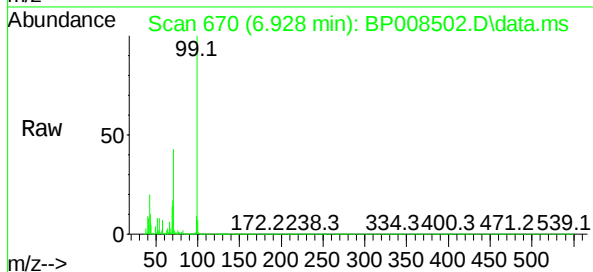
Phenol-d6
Concen: 42.686 ng
RT: 6.928 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Instrument :
BNA_P
ClientSampleId :
MW-7

Tgt Ion: 99 Resp: 16534
Ion Ratio Lower Upper
99 100
42 19.6 14.6 22.0
71 43.1 31.1 46.7

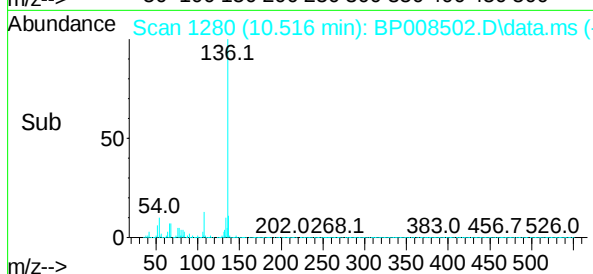
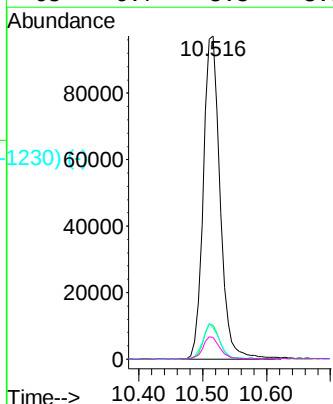
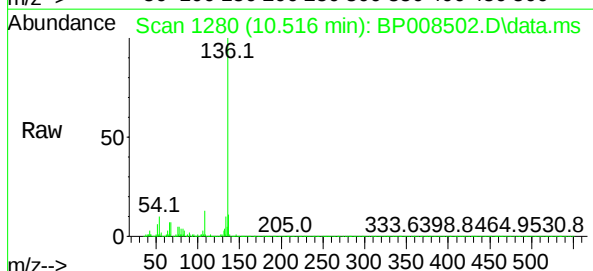
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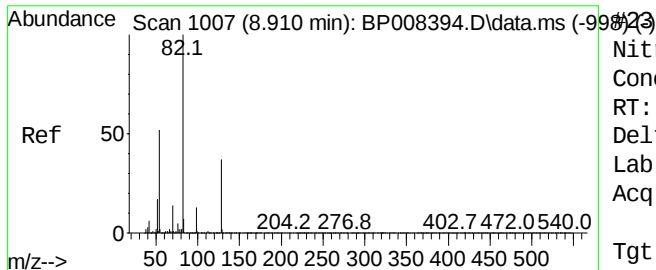
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Supervised By :mohammad ahmed 12/27/2021



Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Tgt Ion:136 Resp: 177397
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.6 8.2 12.4
68 6.7 5.8 8.8





Nitrobenzene-d5

Concen: 91.088 ng

RT: 8.887 min Scan#

Delta R.T. -0.012 min

Lab File: BP008502.D

Acq: 18 Dec 2021 22:38

Instrument :

BNA_P

ClientSampleId :

MW-7

Tgt Ion: 82 Resp: 38142

Ion Ratio Lower Upper

82 100

128 37.0 29.6 44.4

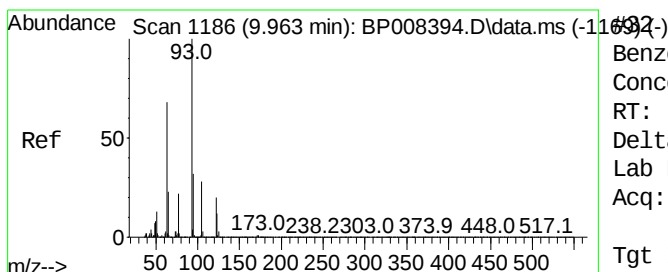
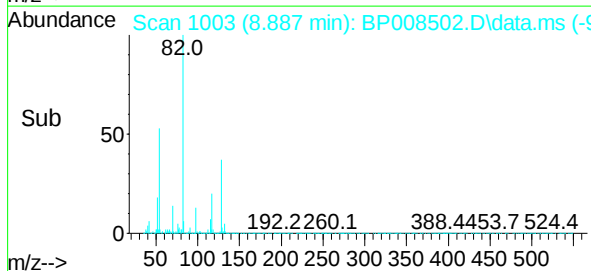
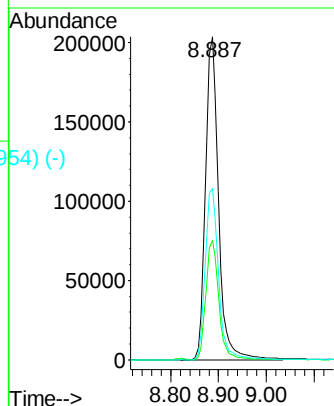
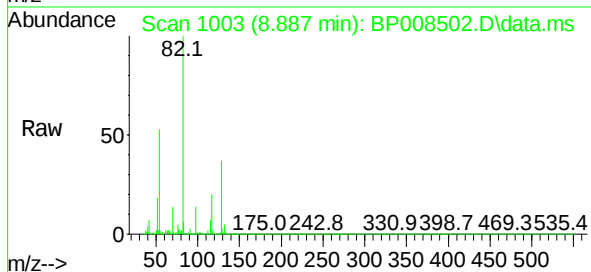
54 53.0 42.7 64.1

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Benzoic acid

Concen: 13.917 ng m

RT: 9.922 min Scan# 1179

Delta R.T. -0.029 min

Lab File: BP008502.D

Acq: 18 Dec 2021 22:38

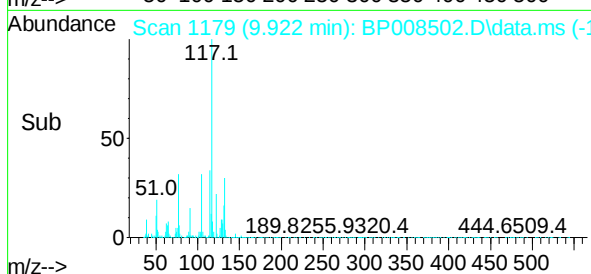
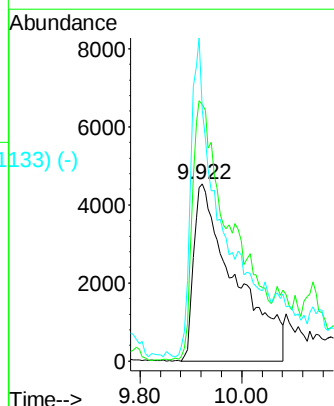
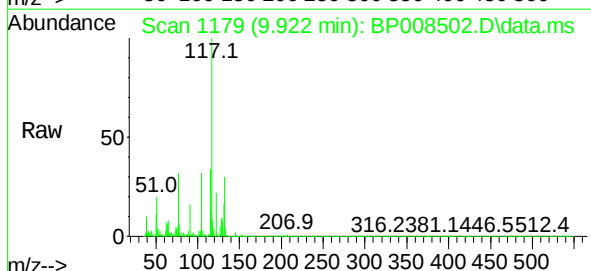
Tgt Ion:122 Resp: 25411

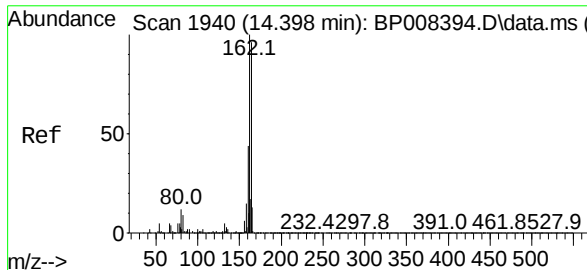
Ion Ratio Lower Upper

122 100

105 144.7 117.4 157.4

77 141.5 89.2 129.2#





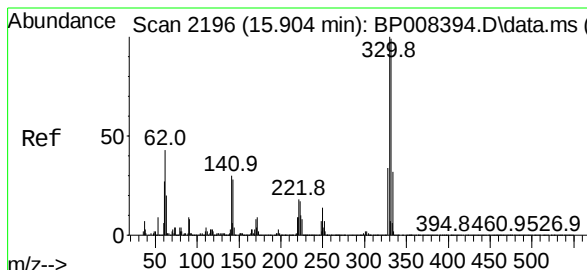
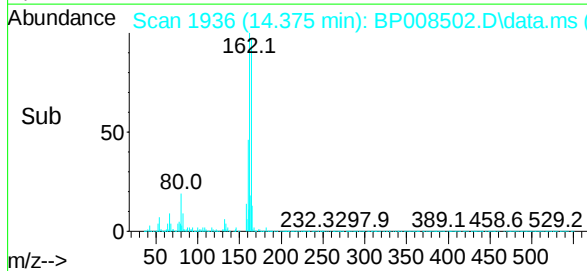
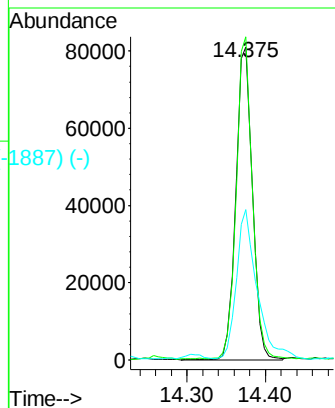
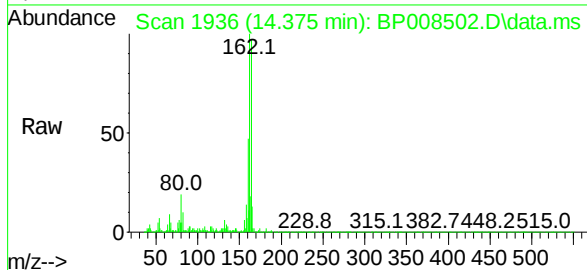
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Instrument :
BNA_P
Client SampleId :
MW-7

Tgt Ion:164 Resp: 11882
Ion Ratio Lower Upper
164 100
162 103.3 81.9 122.9
160 48.1 35.4 53.0

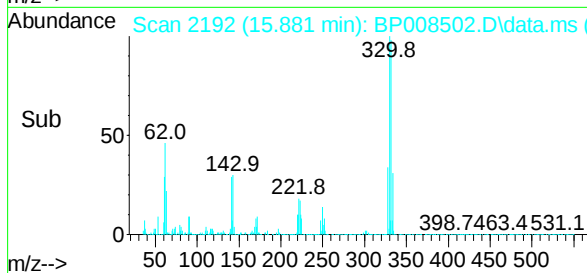
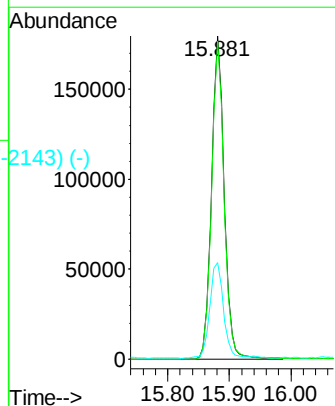
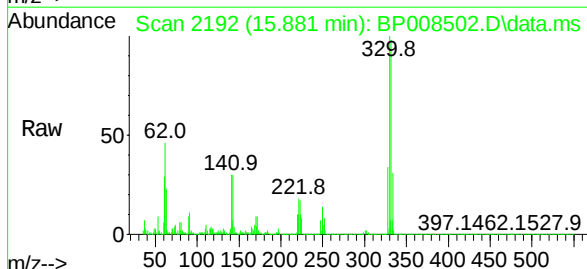
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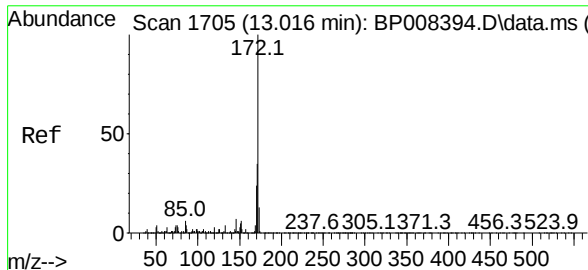
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2,4,6-Tribromophenol
Concen: 146.591 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Tgt Ion:330 Resp: 255990
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 31.9 28.4 42.6





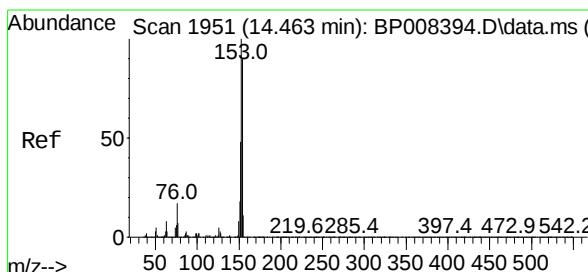
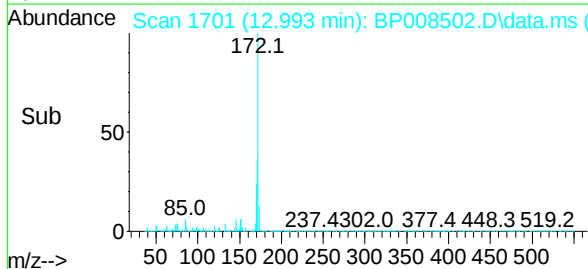
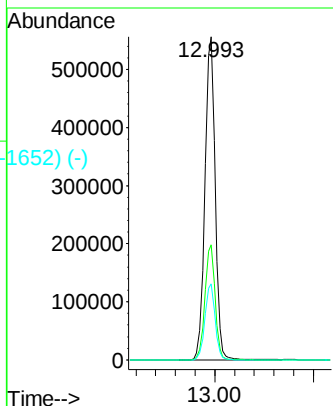
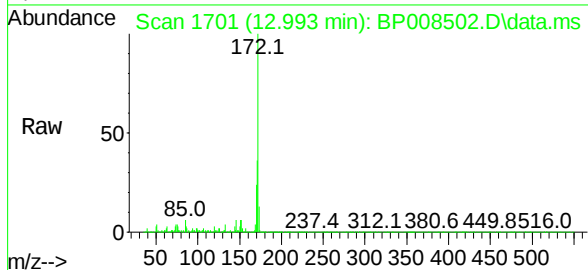
2-Fluorobiphenyl
Concen: 86.195 ng
RT: 12.993 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Instrument :
BNA_P
ClientSampleId :
MW-7

Tgt Ion:	172	Resp:	80573
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.0	42.0
170	23.6	18.9	28.3

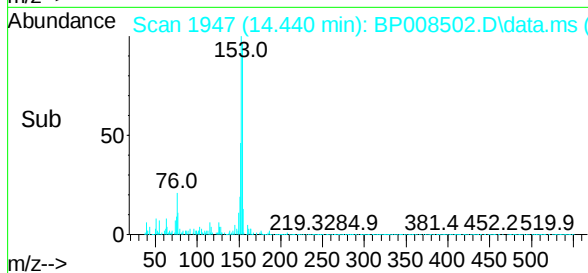
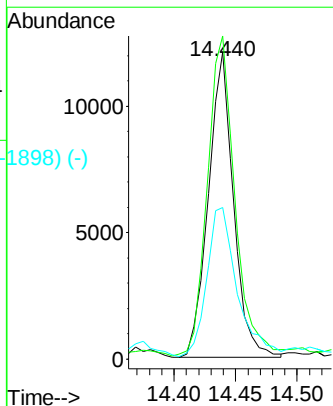
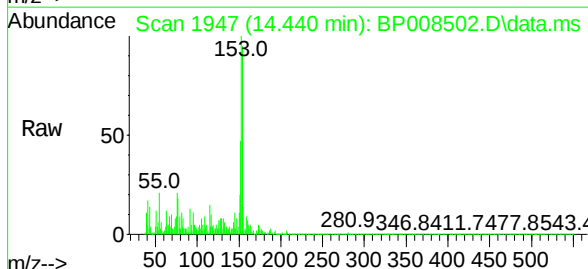
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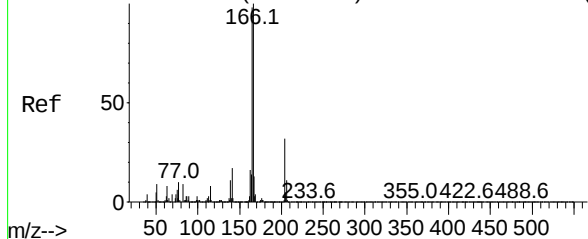


Acenaphthene
Concen: 2.674 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Tgt Ion:	154	Resp:	17118
Ion Ratio	Lower	Upper	
154	100		
153	105.2	90.3	135.5
152	49.4	43.3	64.9



Abundance Scan 2120 (15.457 min): BP008394.D\data.ms (-2158) (-)



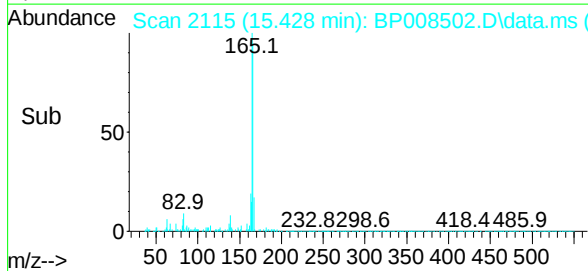
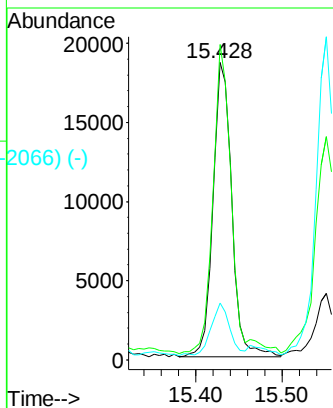
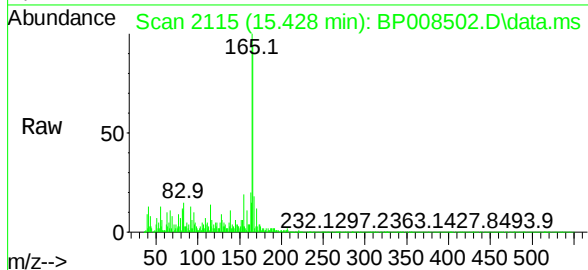
Fluorene
Concen: 3.334 ng
RT: 15.428 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Instrument :
BNA_P
ClientSampleId :
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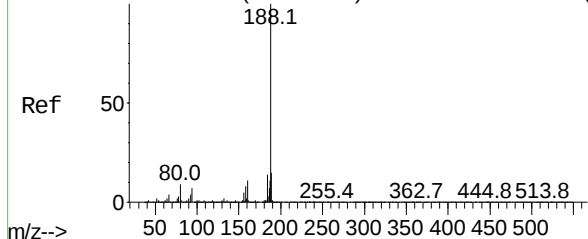
Tgt Ion:166 Resp: 2815
Ion Ratio Lower Upper
166 100
165 106.0 79.4 119.2
167 19.1 10.9 16.3

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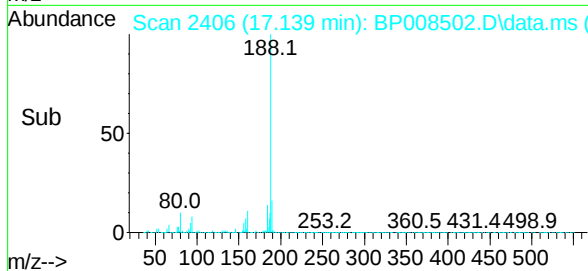
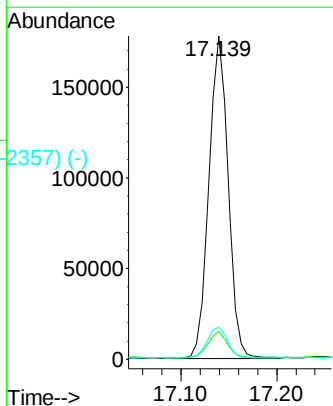
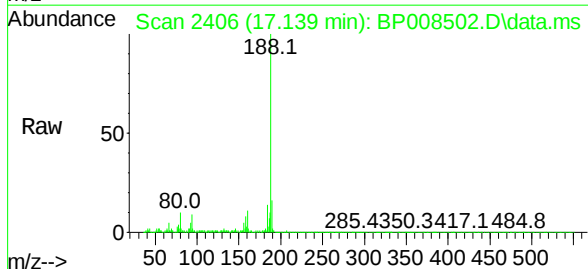


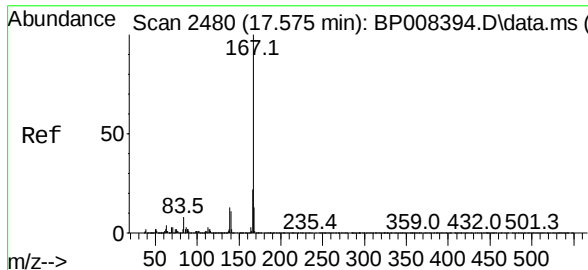
Abundance Scan 2410 (17.163 min): BP008394.D\data.ms (-2404) (-)



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Tgt Ion:188 Resp: 247740
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.9 8.2 12.4





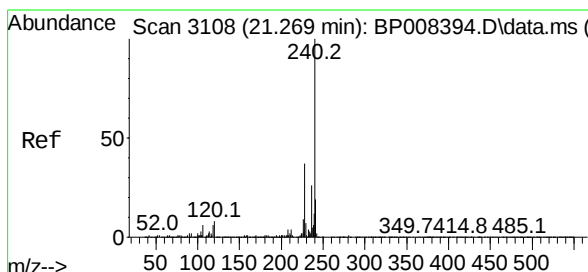
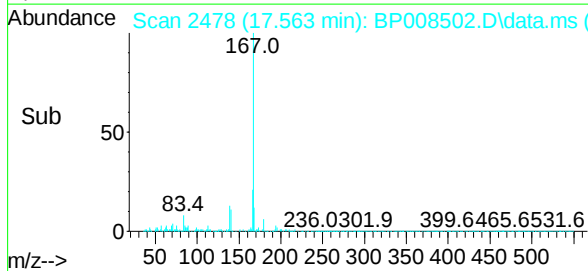
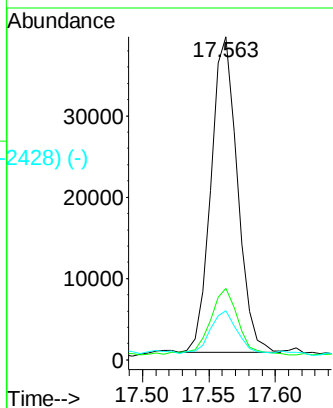
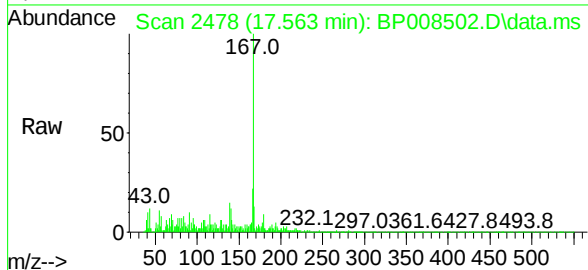
Carbazole
Concen: 4.420 ng
RT: 17.563 min Scan# 2478
Delta R.T. -0.006 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Instrument :
BNA_P
Client Sample Id :
MW-7

Tgt Ion:	167	Resp:	5358
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	15.2	10.2	15.2

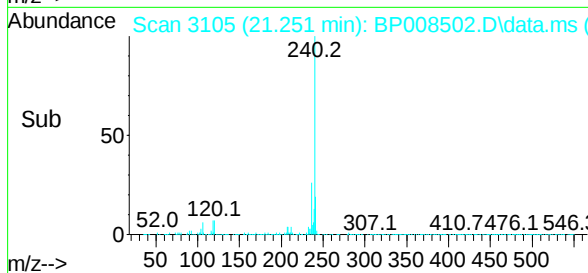
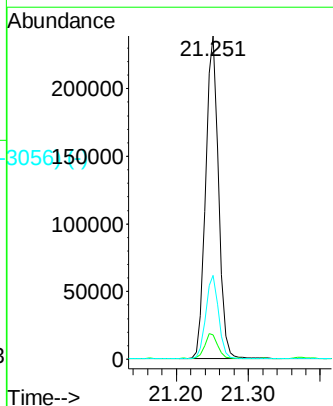
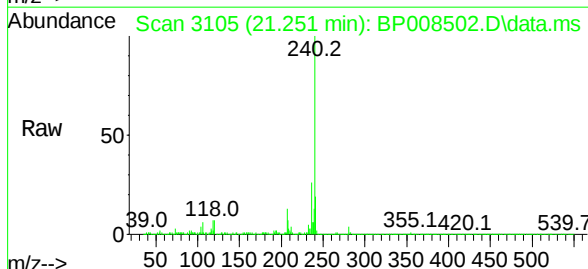
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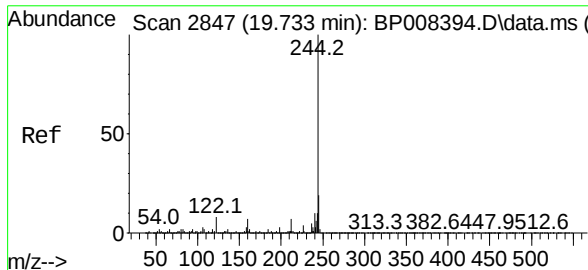
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Chrysene-d12
Concen: 20.000 ng
RT: 21.251 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Tgt Ion:	240	Resp:	297836
Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.3	10.9
236	25.9	21.4	32.2





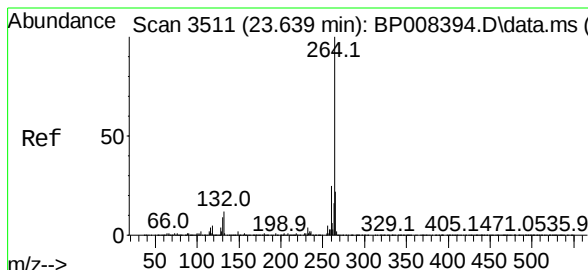
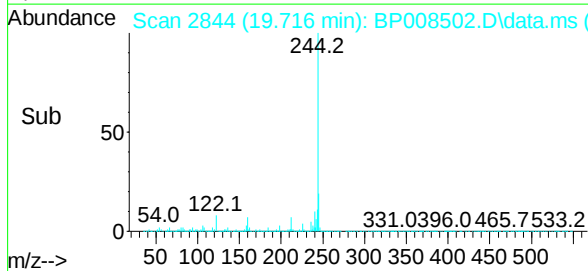
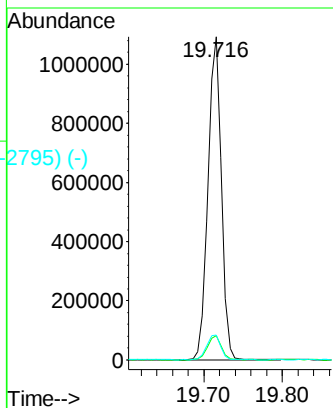
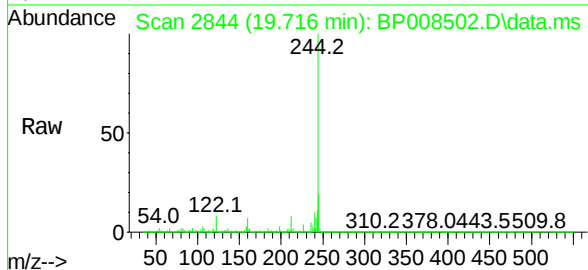
Terphenyl-d14
Concen: 75.132 ng
RT: 19.716 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Instrument :
BNA_P
ClientSampleId :
MW-7

Tgt Ion:244 Resp: 128574
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.8 6.6 9.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Perylene-d12
Concen: 20.000 ng
RT: 23.610 min Scan# 3506
Delta R.T. -0.023 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Tgt Ion:264 Resp: 336451
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 22.4 17.6 26.4

