

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008500.D
 Acq On : 18 Dec 2021 21:30
 Operator : CG/JU
 Sample : M5018-49RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP7

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 00:54:43 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	45795	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	175253	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	115047	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	245028	20.000	ng	0.00
76) Chrysene-d12	21.251	240	282427	20.000	ng	-0.01
86) Perylene-d12	23.616	264	332747	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	318585	109.864	ng	0.00
7) Phenol-d6	6.922	99	415947	106.800	ng	0.00
23) Nitrobenzene-d5	8.887	82	286403	69.234	ng	-0.01
42) 2,4,6-Tribromophenol	15.887	330	163193	96.524	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	607139	67.085	ng	-0.01
79) Terphenyl-d14	19.716	244	1038905	64.020	ng	-0.01
Target Compounds						
32) Benzoic acid	10.005	122	16662m	9.237	ng	Qvalue

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

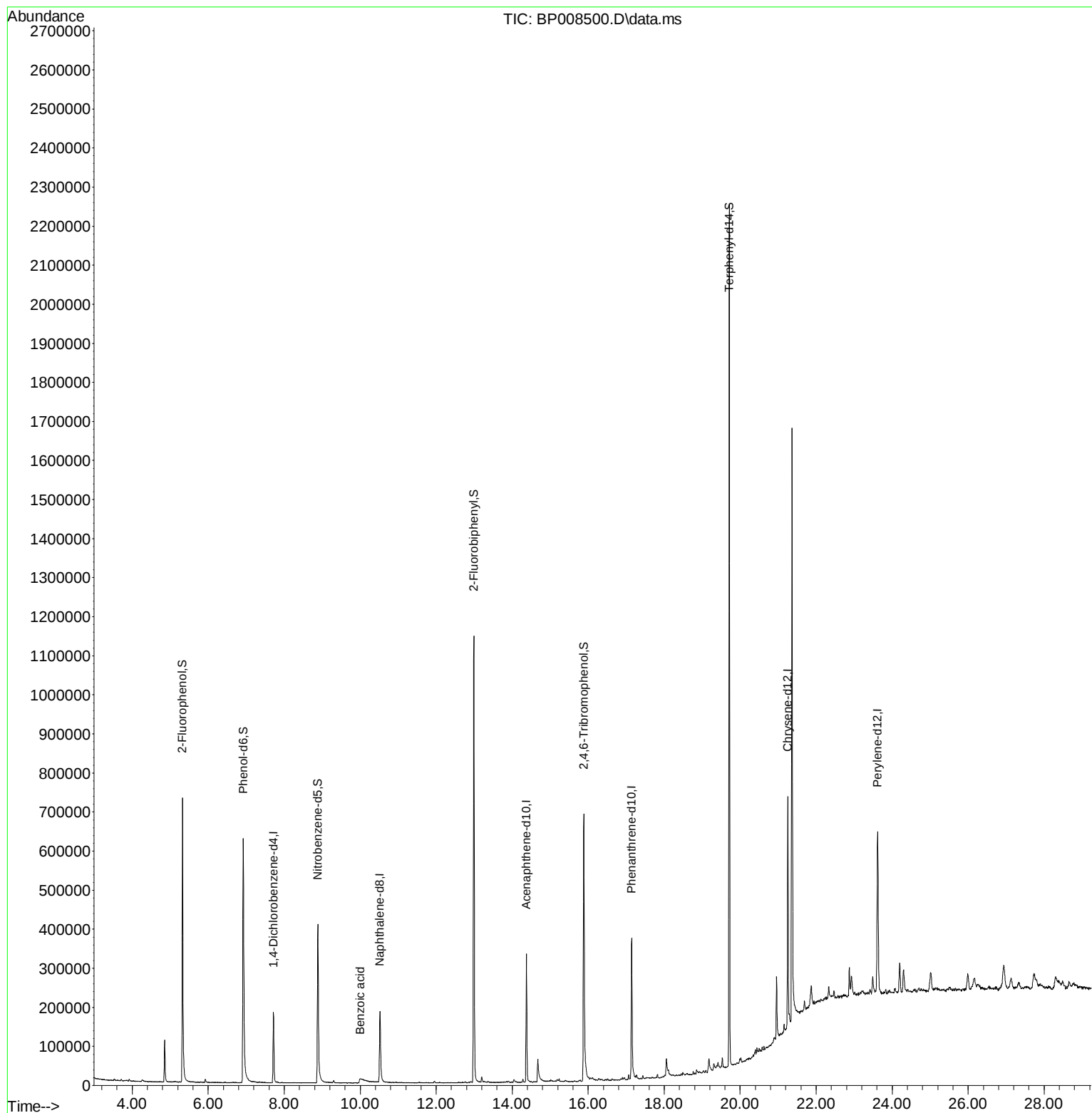
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Data File : BP008500.D
Acq On : 18 Dec 2021 21:30
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

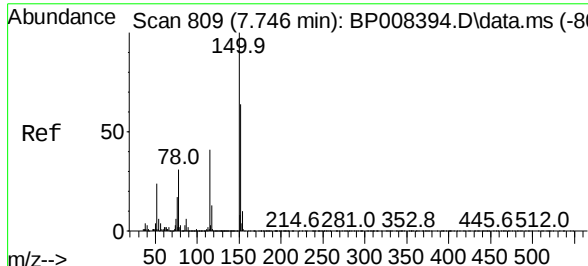
Instrument :
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Quant Time: Dec 20 00:54:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
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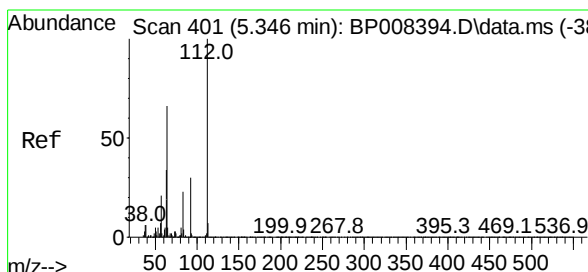
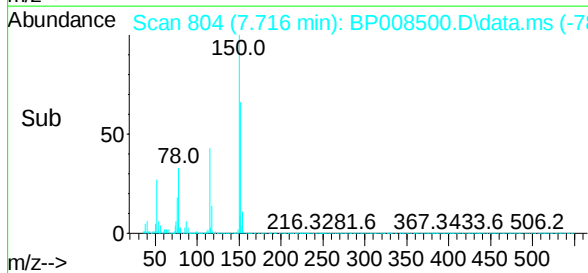
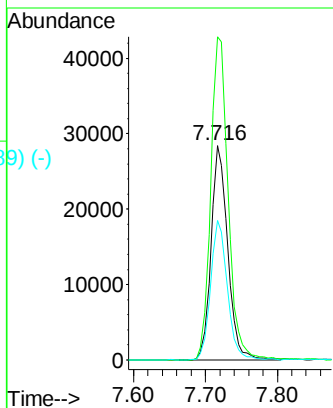
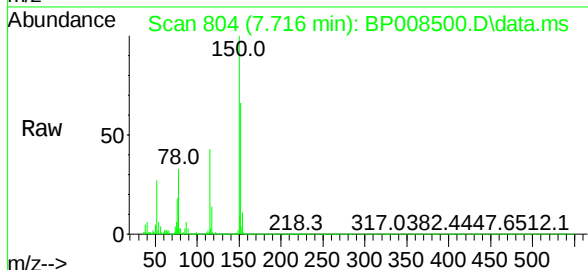
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 809
 Delta R.T. -0.012 min
 Lab File: BP008500.D
 Acq: 18 Dec 2021 21:30

Instrument :
 BNA_P
 ClientSampleId :
 TP7

Tgt Ion:152 Resp: 4579
 Ion Ratio Lower Upper
 152 100
 150 150.7 125.7 188.5
 115 64.9 50.7 76.1

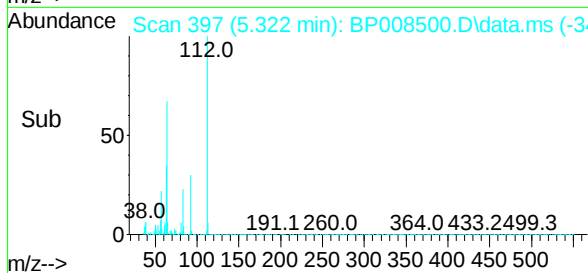
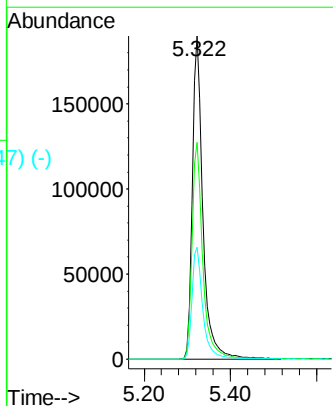
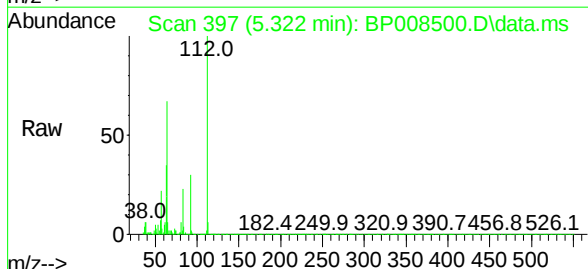
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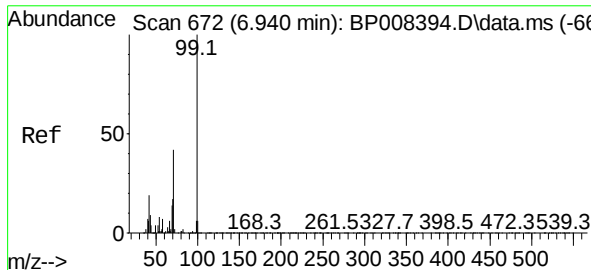
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 Supervised By :mohammad ahmed 12/27/2021



2-Fluorophenol
 Concen: 109.864 ng
 RT: 5.322 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: BP008500.D
 Acq: 18 Dec 2021 21:30

Tgt Ion:112 Resp: 318585
 Ion Ratio Lower Upper
 112 100
 64 67.0 53.4 80.2
 63 34.7 27.8 41.8





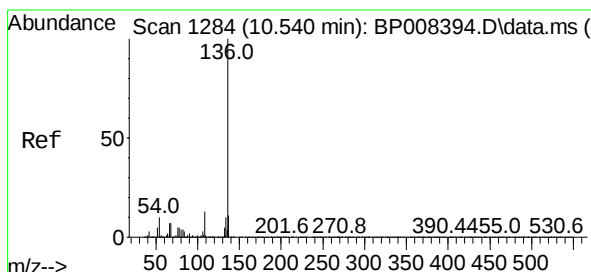
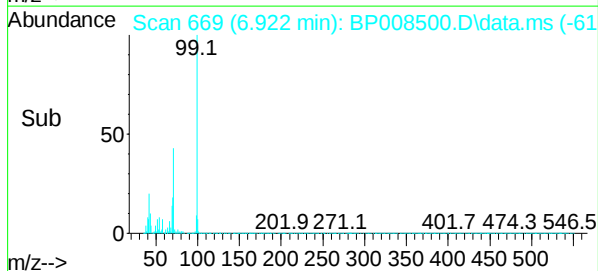
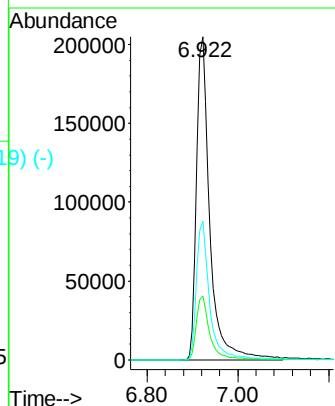
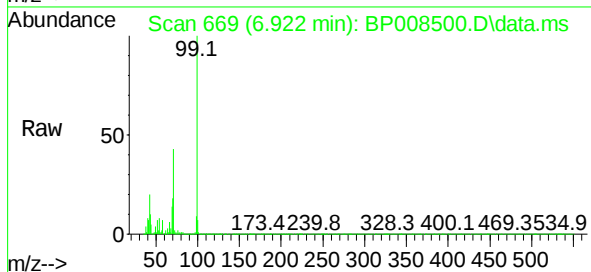
Phenol-d6
Concen: 106.800 ng
RT: 6.922 min Scan# 672
Delta R.T. -0.006 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Instrument :
BNA_P
ClientSampleId :
TP7

Tgt Ion: 99 Resp: 41594
Ion Ratio Lower Upper
99 100
42 19.7 14.6 22.0
71 43.0 31.1 46.7

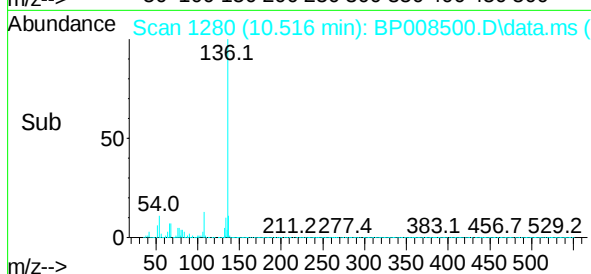
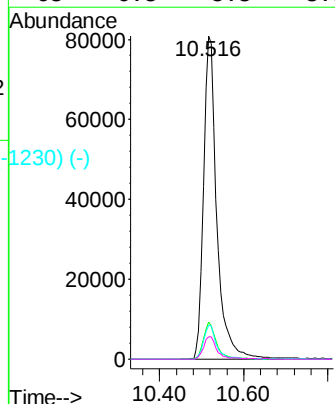
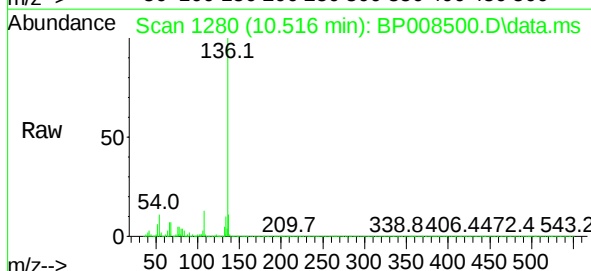
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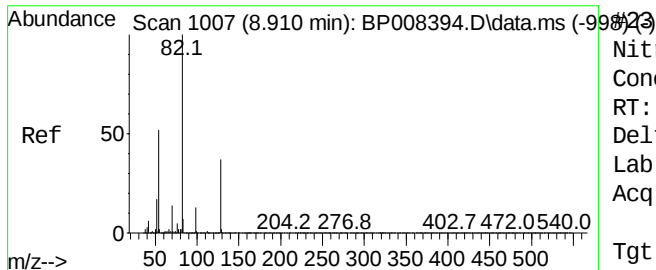
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Supervised By :mohammad ahmed 12/27/2021



Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Tgt Ion:136 Resp: 175253
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 10.6 8.2 12.4
68 6.8 5.8 8.8





Nitrobenzene-d5

Concen: 69.234 ng

RT: 8.887 min Scan#

Delta R.T. -0.012 min

Lab File: BP008500.D

Acq: 18 Dec 2021 21:30

Instrument :

BNA_P

ClientSampleId :

TP7

Tgt Ion: 82 Resp: 28640

Ion Ratio Lower Upper

82 100

128 35.9 29.6 44.4

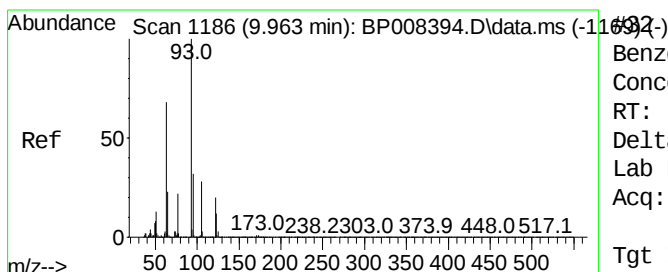
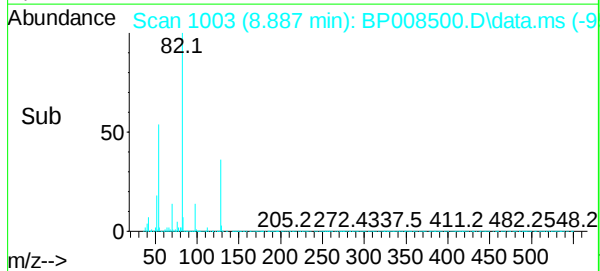
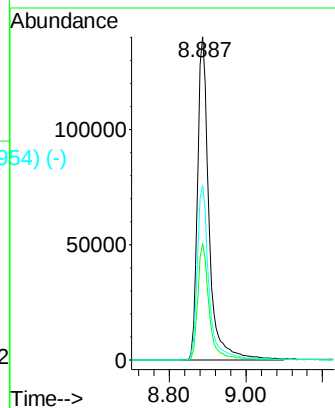
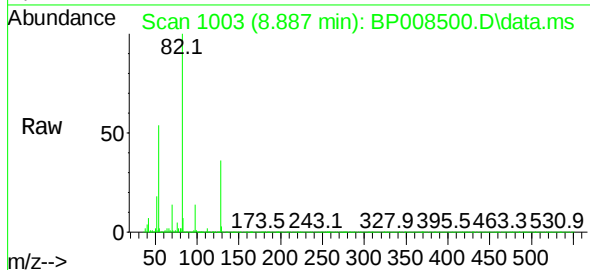
54 54.1 42.7 64.1

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Benzoic acid

Concen: 9.237 ng m

RT: 10.005 min Scan# 1193

Delta R.T. 0.053 min

Lab File: BP008500.D

Acq: 18 Dec 2021 21:30

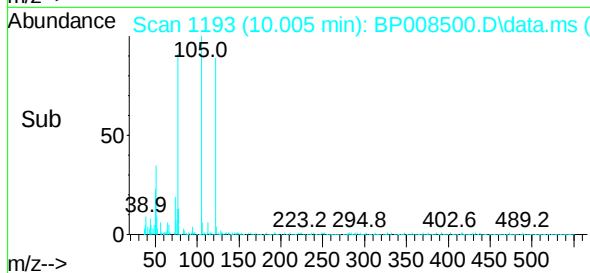
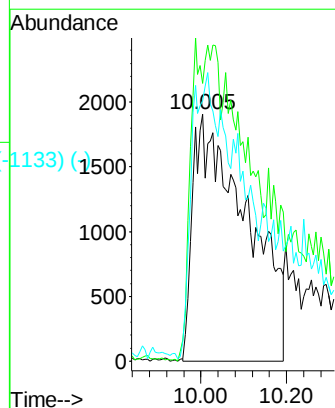
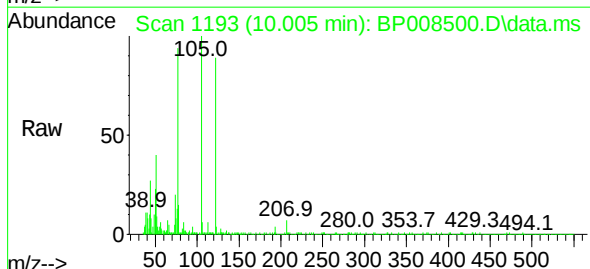
Tgt Ion:122 Resp: 16662

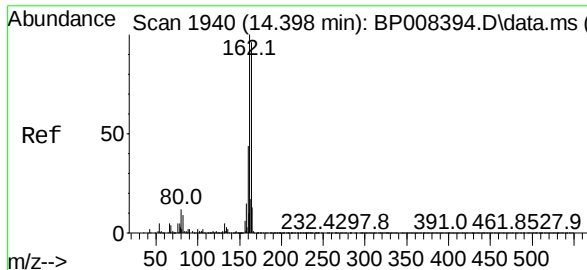
Ion Ratio Lower Upper

122 100

105 112.5 117.4 157.4#

77 105.4 89.2 129.2





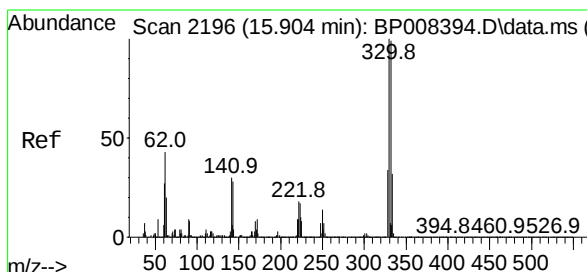
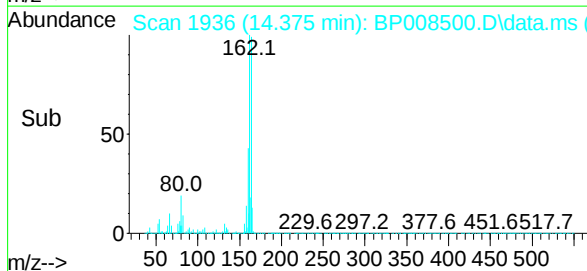
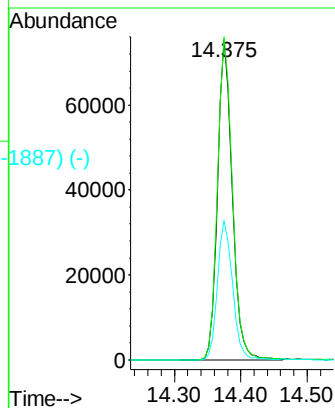
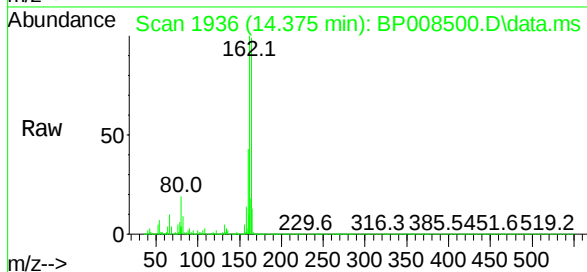
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Instrument :
BNA_P
ClientSampleId :
TP7

Tgt Ion:164 Resp: 11504
Ion Ratio Lower Upper
164 100
162 100.8 81.9 122.9
160 43.4 35.4 53.0

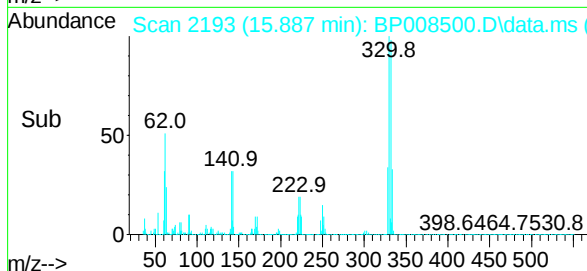
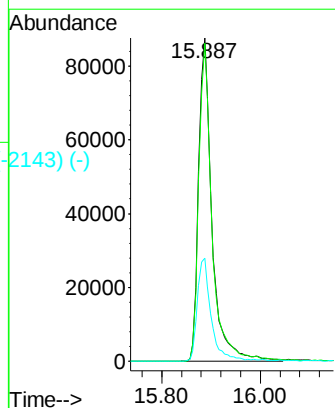
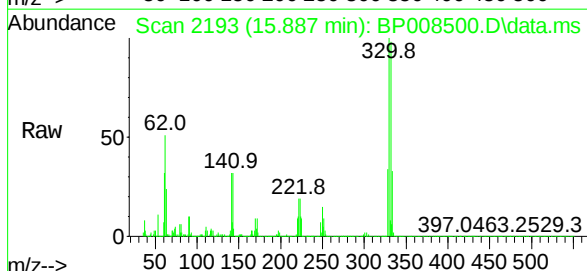
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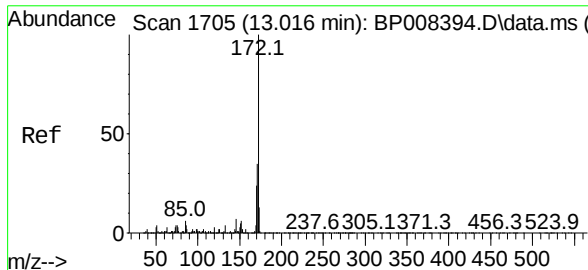
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Supervised By :mohammad ahmed 12/27/2021



2,4,6-Tribromophenol
Concen: 96.524 ng
RT: 15.887 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Tgt Ion:330 Resp: 163193
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.4
141 32.7 28.4 42.6





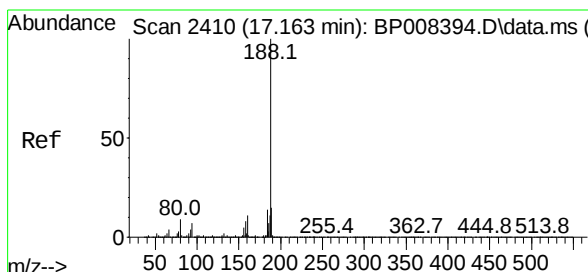
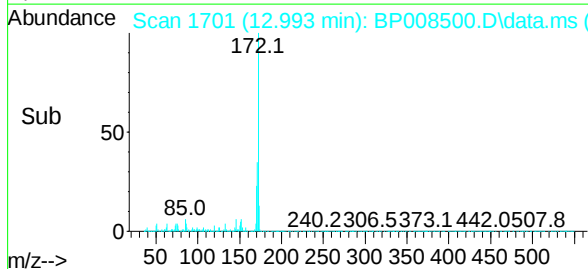
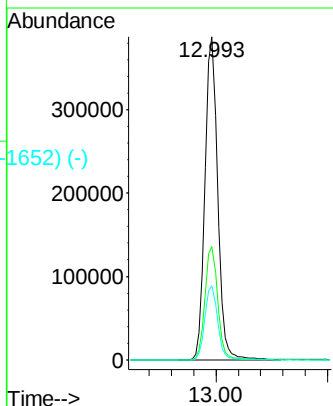
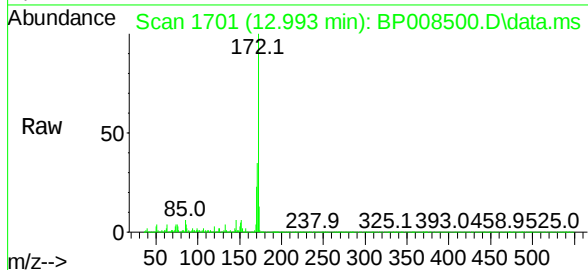
2-Fluorobiphenyl
Concen: 67.085 ng
RT: 12.993 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Instrument :
BNA_P
ClientSampleId :
TP7

Tgt Ion:172 Resp: 60713
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.0 18.9 28.3

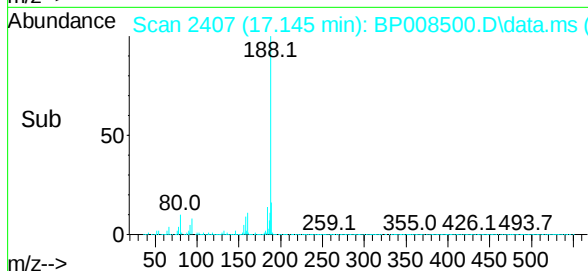
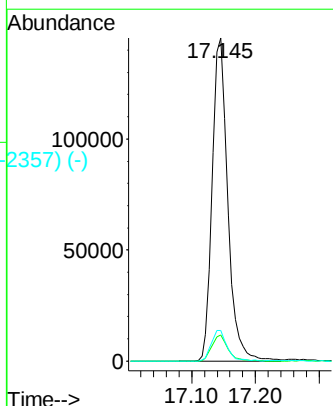
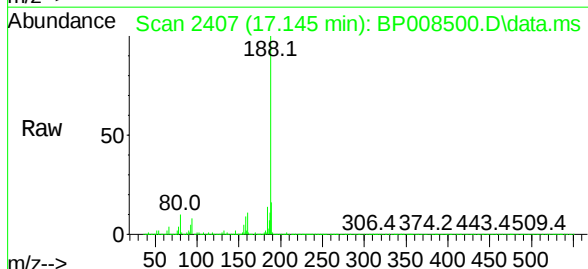
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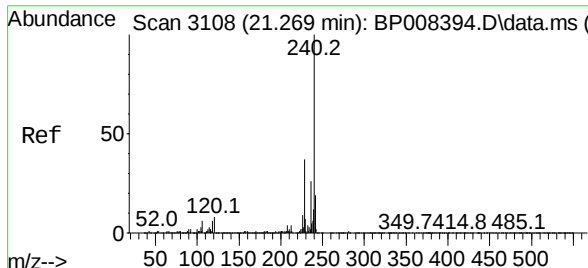
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Supervised By :mohammad ahmed 12/27/2021



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Tgt Ion:188 Resp: 245028
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.5 8.2 12.4





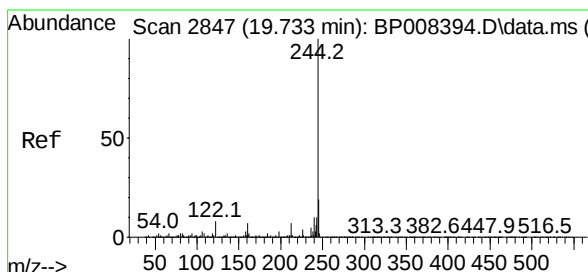
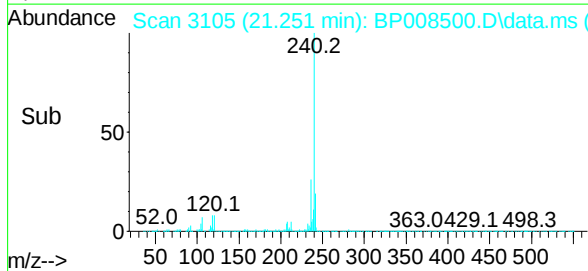
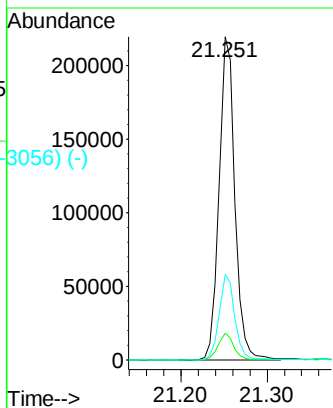
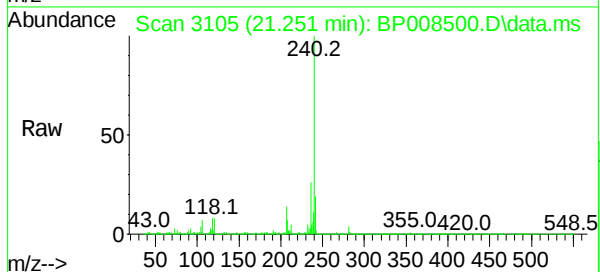
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.251 min Scan# 3105
 Delta R.T. -0.012 min
 Lab File: BP008500.D
 Acq: 18 Dec 2021 21:30

Instrument :
 BNA_P
 ClientSampleId :
 TP7

Tgt Ion:	240	Resp:	28242
Ion Ratio	Lower	Upper	
240	100		
120	8.3	7.3	10.9
236	26.5	21.4	32.2

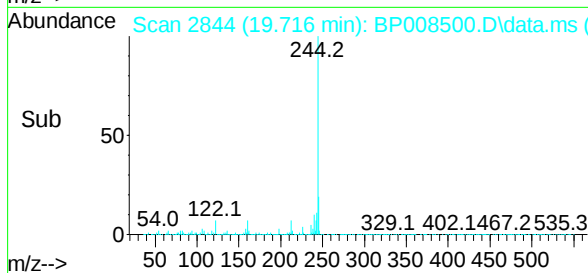
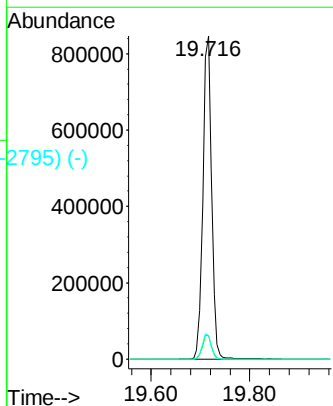
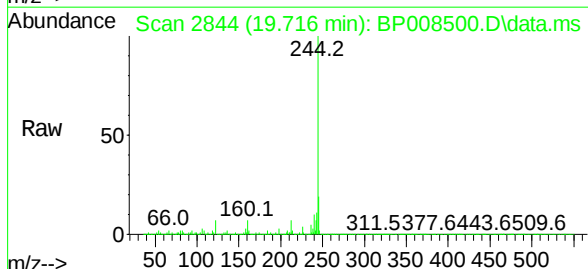
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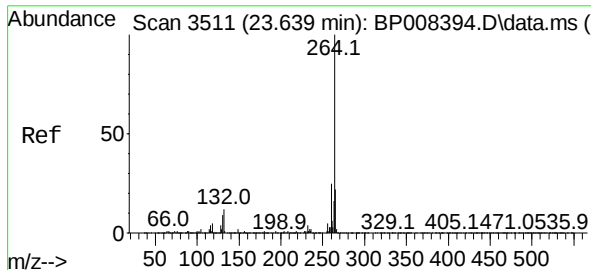
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 Supervised By :mohammad ahmed 12/27/2021



Terphenyl-d14
 Concen: 64.020 ng
 RT: 19.716 min Scan# 2844
 Delta R.T. -0.012 min
 Lab File: BP008500.D
 Acq: 18 Dec 2021 21:30

Tgt Ion:	244	Resp:	1038905
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	7.4	6.6	9.8





Perylene-d12
Concen: 20.000 ng
RT: 23.616 min Scan# 3459
Delta R.T. -0.018 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Instrument :
BNA_P
ClientSampleId :
TP7

Tgt Ion:264 Resp: 33274
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.7 17.6 26.4

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