

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008485.D
 Acq On : 17 Dec 2021 22:58
 Operator : CG/JU
 Sample : M5098-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-1-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/18/2021
 Supervised By : Jagrut Upadhyay 12/20/2021

Quant Time: Dec 18 07:45:17 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	7.728	152	61139	20.000	ng	0.00
21) Naphthalene-d8	10.522	136	231700	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	154280	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	316771	20.000	ng	0.00
76) Chrysene-d12	21.269	240	387251	20.000	ng	0.00
86) Perylene-d12	23.645	264	404329	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	488m	0.126	ng	0.08
7) Phenol-d6	7.010	99	5032	0.968	ng	0.08
23) Nitrobenzene-d5	8.940	82	4899	0.896	ng	0.04
42) 2,4,6-Tribromophenol	15.910	330	7327	3.232	ng	0.02
45) 2-Fluorobiphenyl	13.004	172	28253	2.328	ng	0.00
79) Terphenyl-d14	19.727	244	57391	2.579	ng	0.00

Target Compounds Qvalue

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

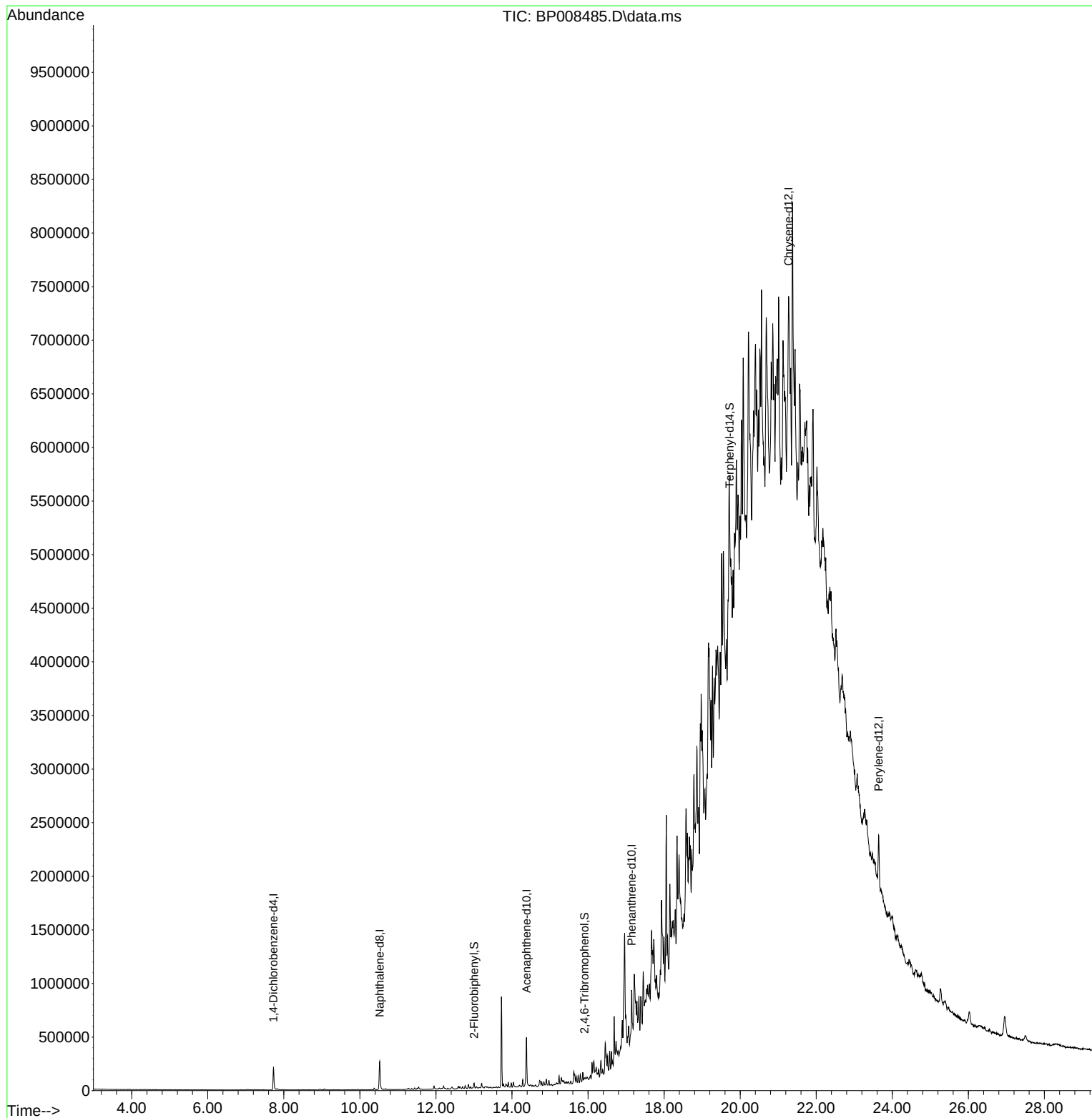
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008485.D
Acq On : 17 Dec 2021 22:58
Operator : CG/JU
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ALS Vial : 20 Sample Multiplier: 1

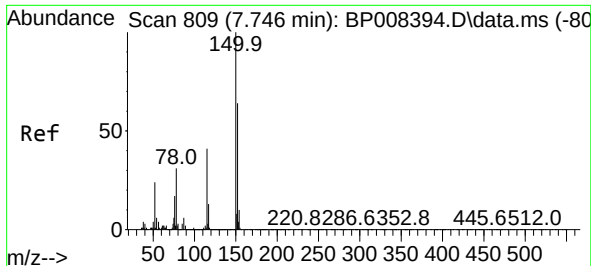
Instrument :
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ClientSampleId :
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Quant Time: Dec 18 07:45:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
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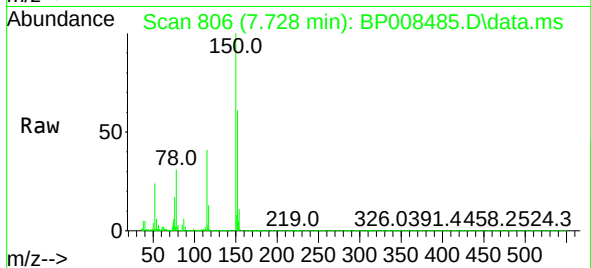
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 809
Delta R.T. 0.000 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

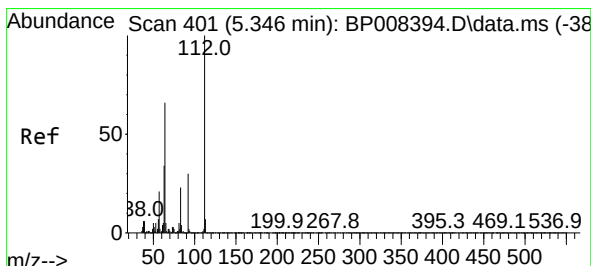
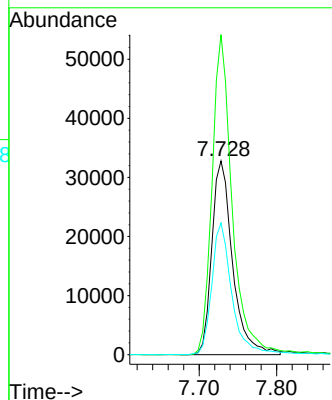
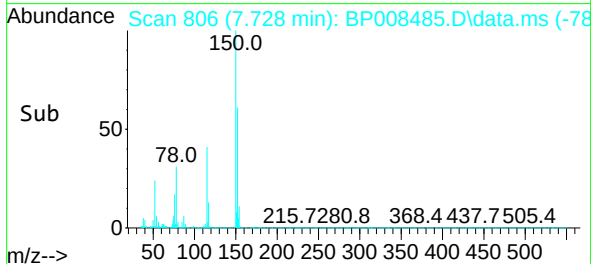
Instrument :
BNA_P
ClientSampleId :
DRUM-1-2



Tgt Ion:152 Resp: 61139
Ion Ratio Lower Upper
152 100
150 165.2 125.7 188.5
115 68.0 50.7 76.1

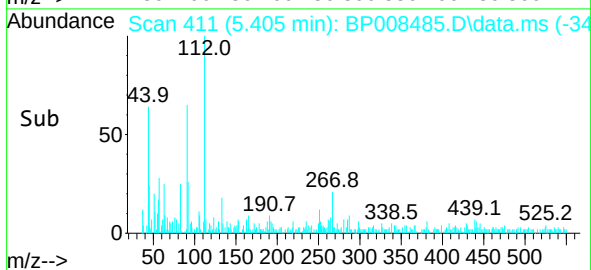
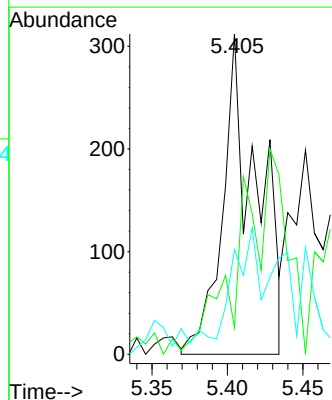
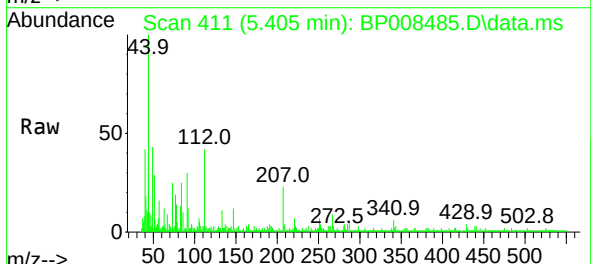
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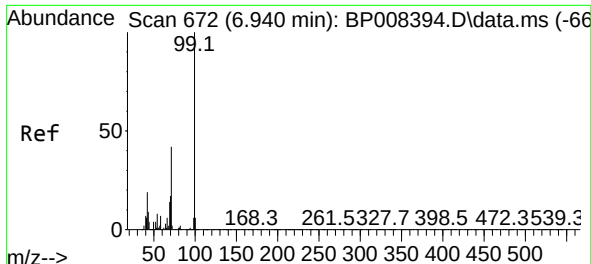
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#5
2-Fluorophenol
Concen: 0.126 ng m
RT: 5.405 min Scan# 411
Delta R.T. 0.076 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

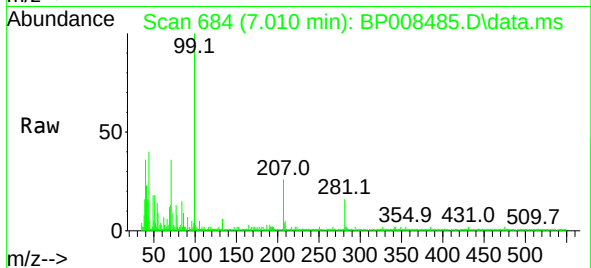
Tgt Ion:112 Resp: 488
Ion Ratio Lower Upper
112 100
64 8.8 53.4 80.2#
63 29.2 27.8 41.8





#7
Phenol-d6
Concen: 0.968 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.082 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

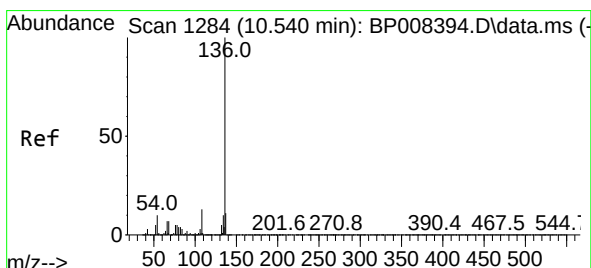
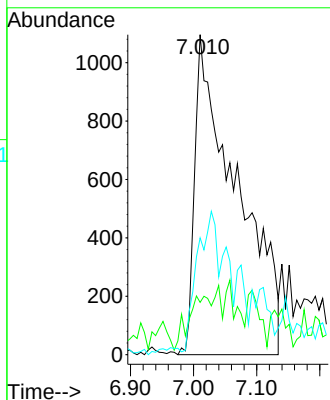
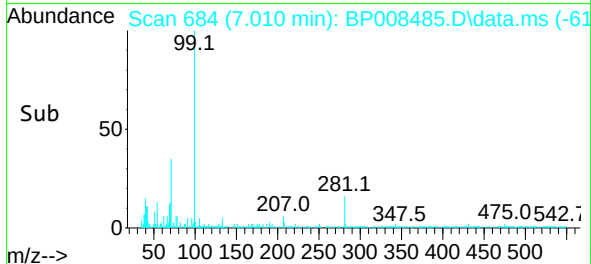
Instrument :
BNA_P
ClientSampleId :
DRUM-1-2



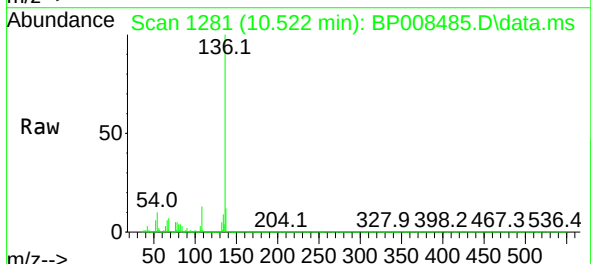
Tgt Ion: 99 Resp: 503
Ion Ratio Lower Upper
99 100
42 16.3 14.6 22.0
71 36.5 31.1 46.7

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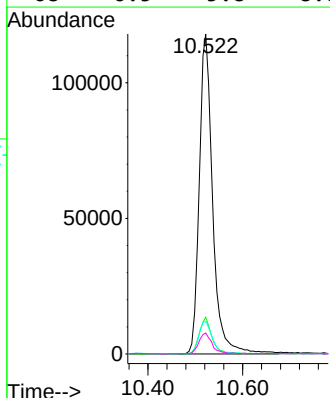
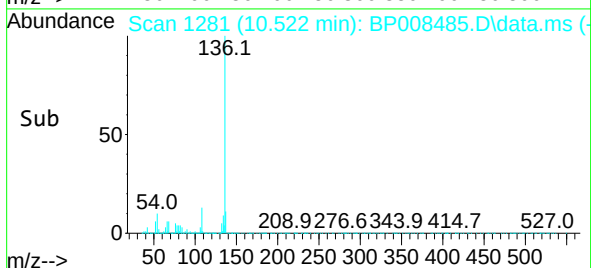
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

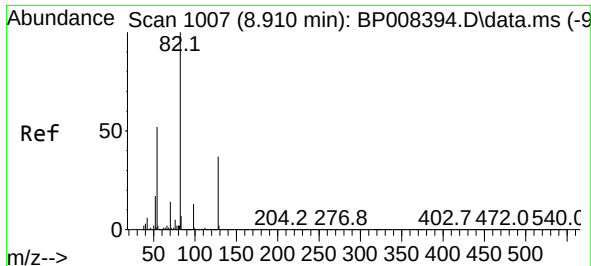


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58



Tgt Ion:136 Resp: 231700
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 10.2 8.2 12.4
68 6.5 5.8 8.8





#23

Nitrobenzene-d5

Concen: 0.896 ng

RT: 8.940 min Scan# 1007

Delta R.T. 0.041 min

Lab File: BP008485.D

Acq: 17 Dec 2021 22:58

Instrument :

BNA_P

ClientSampleId :

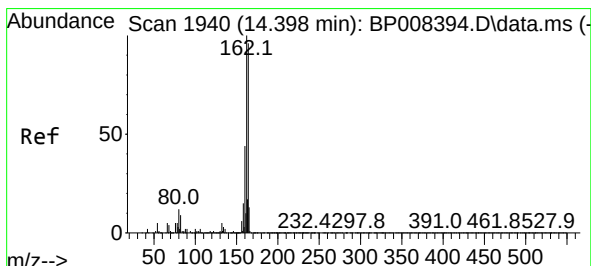
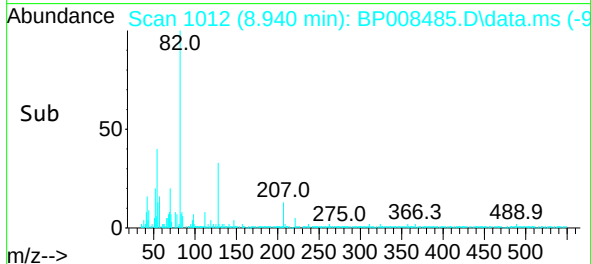
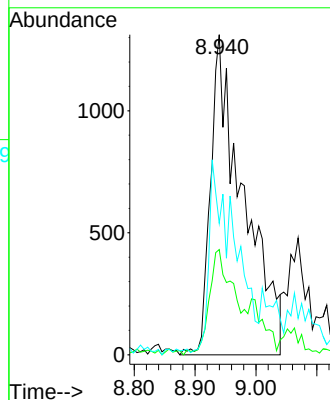
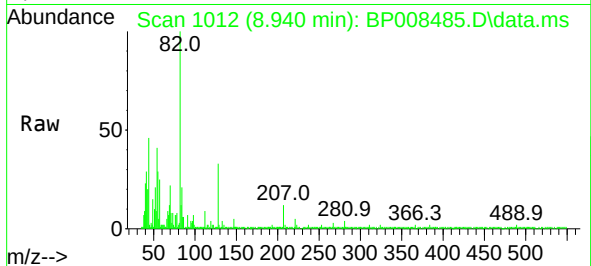
DRUM-1-2

Tgt Ion: 82	Resp: 489
Ion Ratio	Lower Upper
82 100	
128 32.9	29.6 44.4
54 41.1	42.7 64.1

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

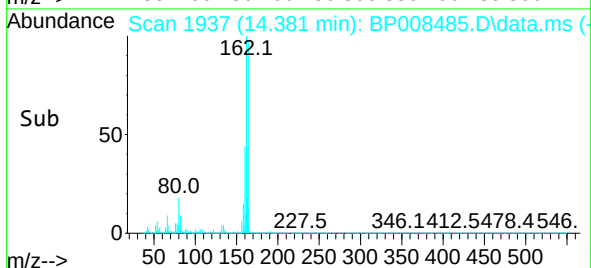
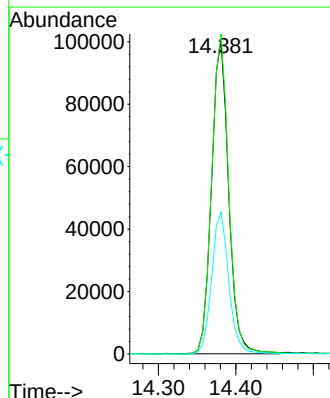
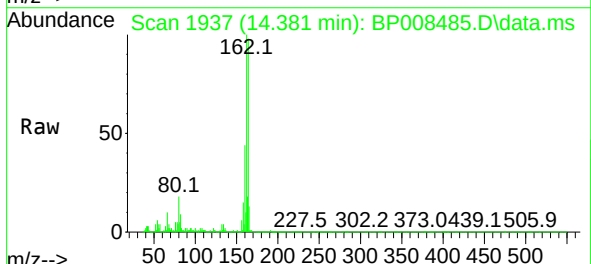
RT: 14.381 min Scan# 1937

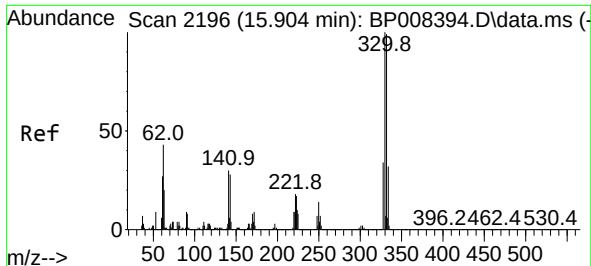
Delta R.T. -0.006 min

Lab File: BP008485.D

Acq: 17 Dec 2021 22:58

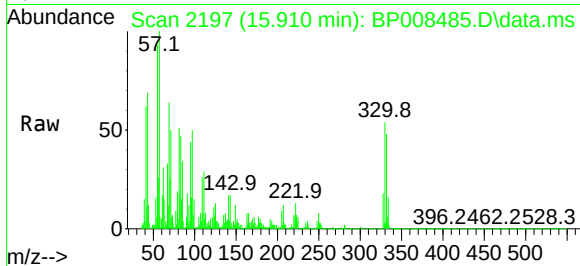
Tgt Ion: 164	Resp: 154280
Ion Ratio	Lower Upper
164 100	
162 102.3	81.9 122.9
160 45.3	35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 3.232 ng
RT: 15.910 min Scan# 2196
Delta R.T. 0.018 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

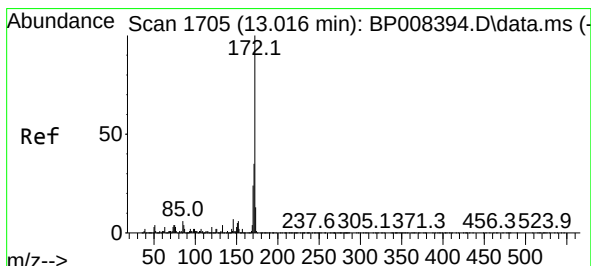
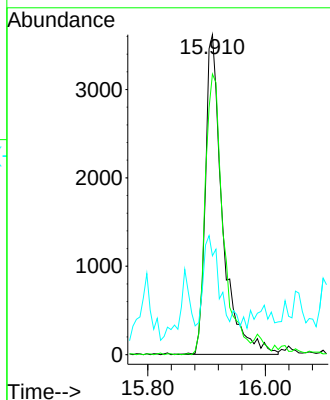
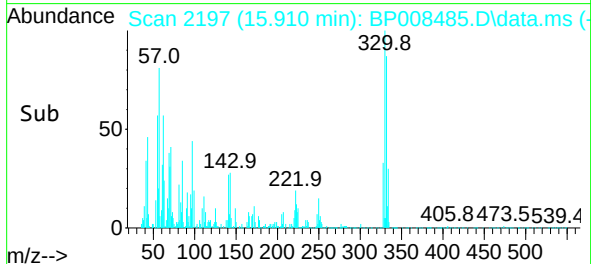
Instrument :
BNA_P
ClientSampleId :
DRUM-1-2



Tgt Ion: 330 Resp: 732
Ion Ratio Lower Upper
330 100
332 91.9 77.0 115.4
141 23.5 28.4 42.6

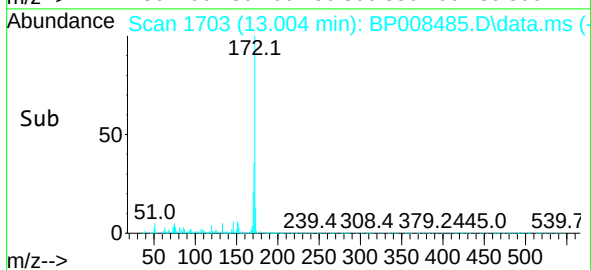
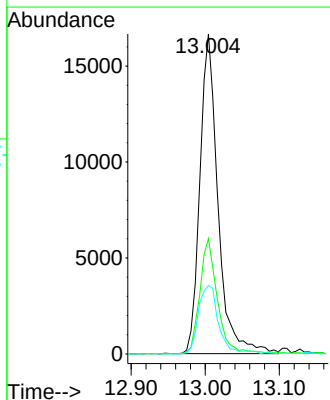
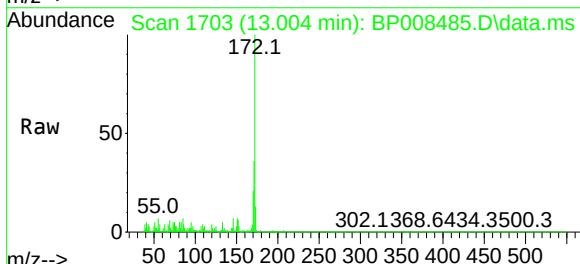
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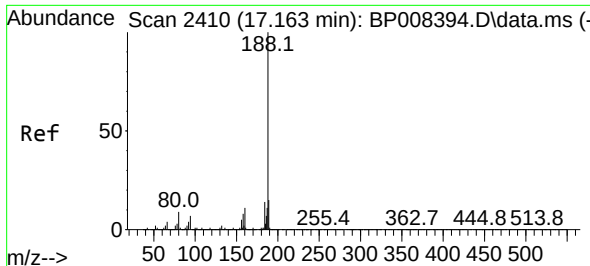
Reviewed By : Christian Giraldo 12/18/2021
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#45
2-Fluorobiphenyl
Concen: 2.328 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

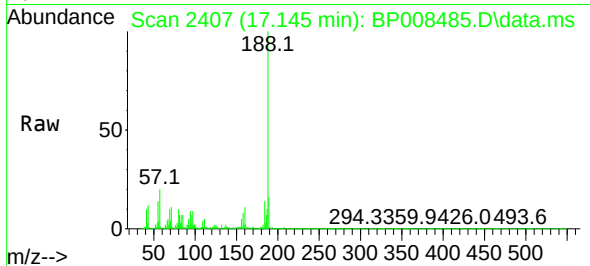
Tgt Ion: 172 Resp: 28253
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 21.4 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

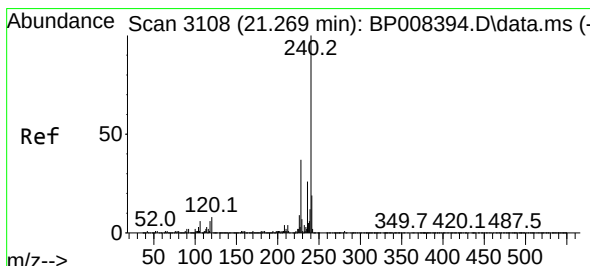
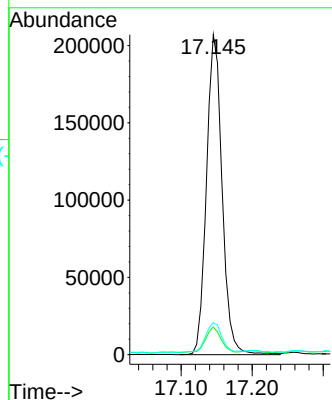
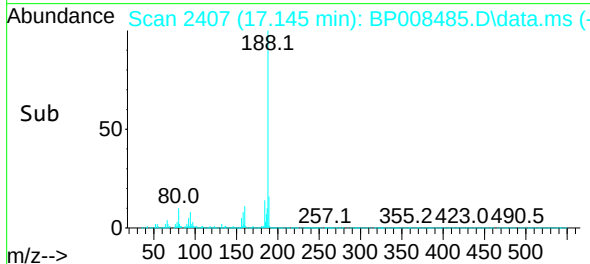
Instrument :
BNA_P
ClientSampleId :
DRUM-1-2



Tgt Ion:188 Resp: 31677
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.0 8.2 12.4

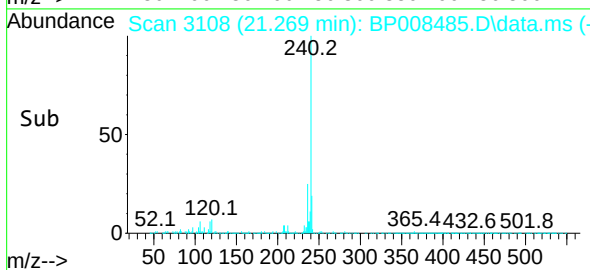
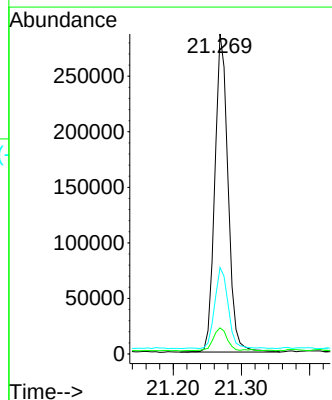
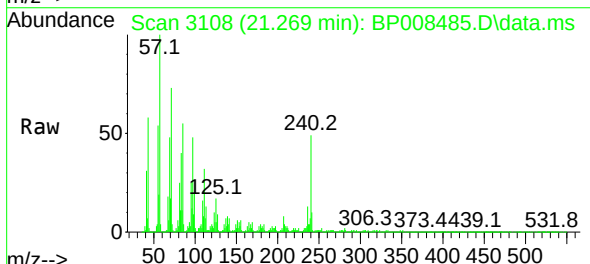
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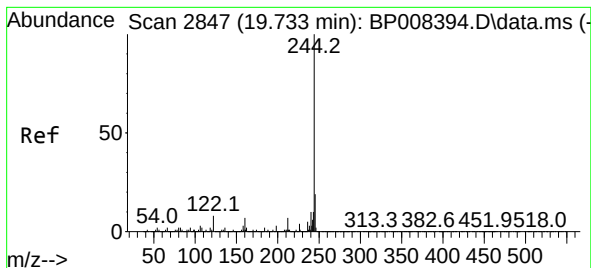
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.006 min
Lab File: BP008485.D
Acq: 17 Dec 2021 22:58

Tgt Ion:240 Resp: 387251
Ion Ratio Lower Upper
240 100
120 8.2 7.3 10.9
236 27.0 21.4 32.2





#79

Terphenyl-d14

Concen: 2.579 ng

RT: 19.727 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP008485.D

Acq: 17 Dec 2021 22:58

Instrument :

BNA_P

ClientSampleId :

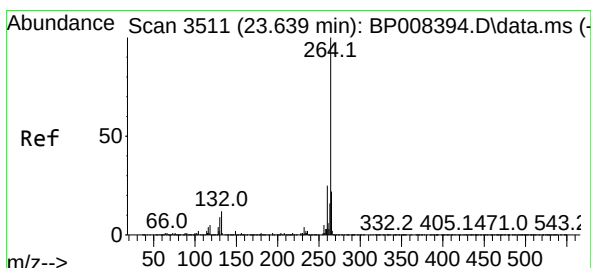
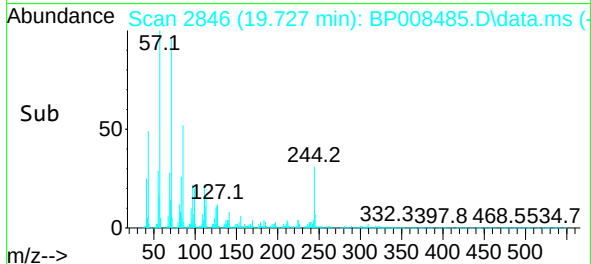
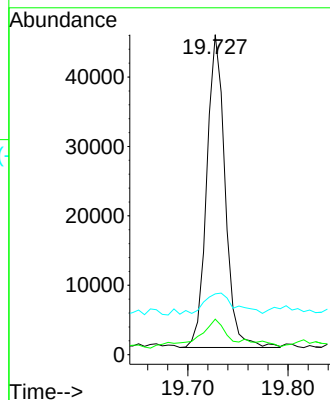
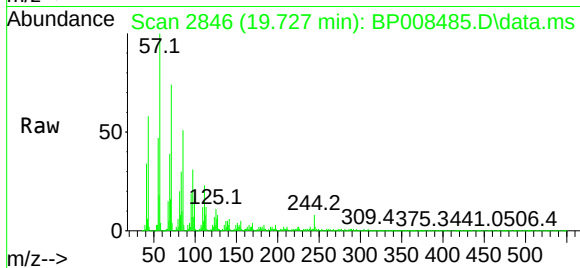
DRUM-1-2

Tgt Ion:	244	Resp:	5739
Ion Ratio	Lower	Upper	
244	100		
212	11.1	6.0	9.0
122	19.0	6.6	9.8

Manual Integrations

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#86

Perylene-d12

Concen: 20.000 ng

RT: 23.645 min Scan# 3512

Delta R.T. 0.012 min

Lab File: BP008485.D

Acq: 17 Dec 2021 22:58

Tgt Ion:	264	Resp:	404329
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.2
265	22.5	17.6	26.4

