

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009485.D
 Acq On : 22 Mar 2022 13:33
 Operator : CG/JU
 Sample : N1709-07DL 40X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PPSP-B13-25.5-26.0DL

Quant Time: Mar 23 01:20:51 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

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/23/2022
 Supervised By :Jagrut Upadhyay 03/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	458159	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1621795	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	921854	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1774285	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1845763	20.000	ng	-0.01
86) Perylene-d12	23.710	264	2135784	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	45376	1.729	ng	0.00
7) Phenol-d6	6.981	99	59019	1.663	ng	-0.01
23) Nitrobenzene-d5	8.946	82	53277m	1.746	ng	-0.01
42) 2,4,6-Tribromophenol	15.933	330	11671	0.767	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	85180	1.281	ng	0.00
79) Terphenyl-d14	19.769	244	132666	1.290	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.634	128	870777	10.424	ng	96
37) 2-Methylnaphthalene	12.251	142	2342953	39.973	ng	99
38) 1-Methylnaphthalene	12.469	142	1327812	23.254	ng	99
46) 1,1'-Biphenyl	13.263	154	361550	5.257	ng	99
58) Fluorene	15.486	166	228238	3.460	ng	# 86
71) Phenanthrene	17.239	178	759156	7.993	ng	98

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

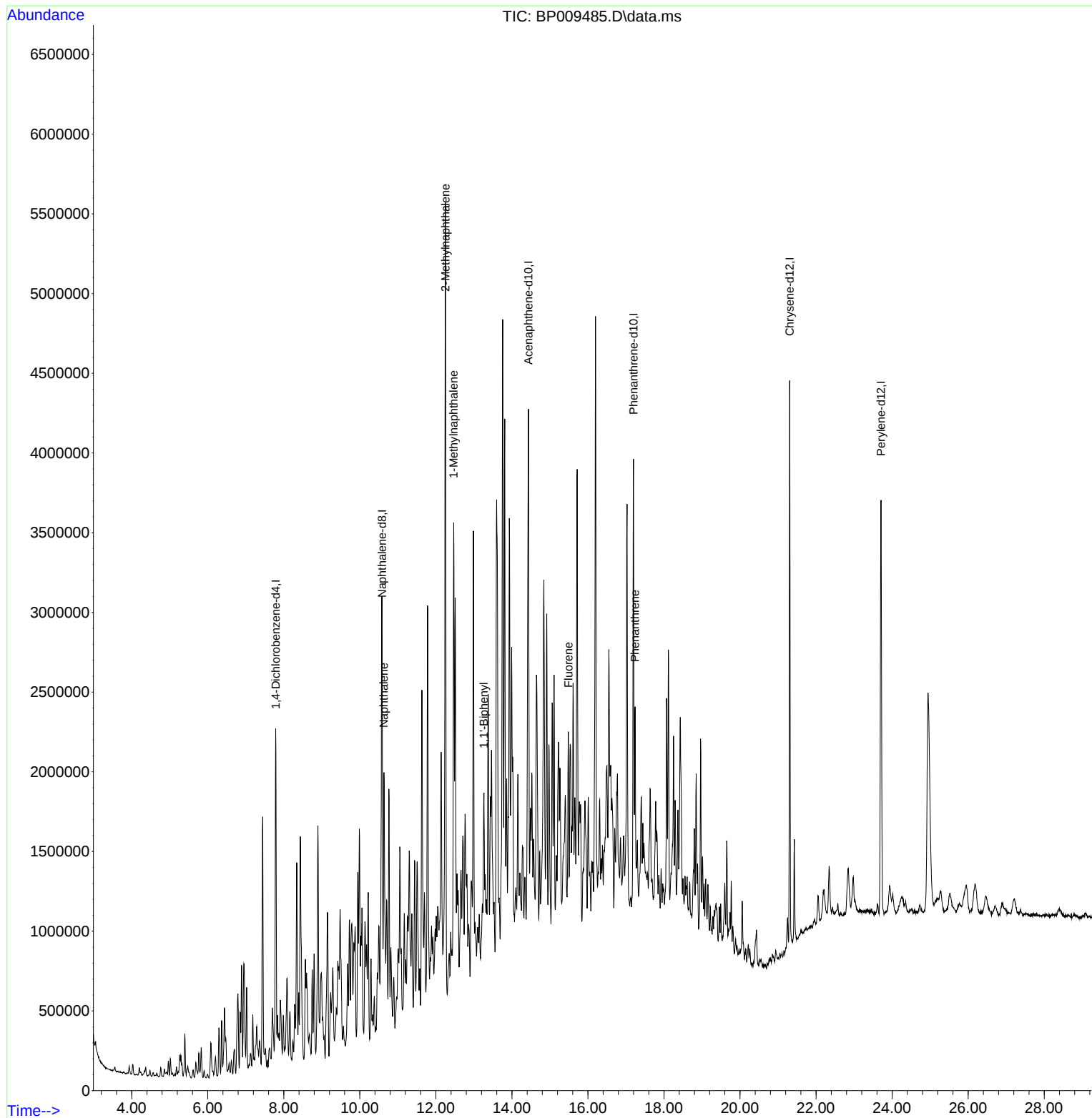
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009485.D
Acq On : 22 Mar 2022 13:33
Operator : CG/JU
Sample : N1709-07DL 40X
Misc :
ALS Vial : 6 Sample Multiplier: 1

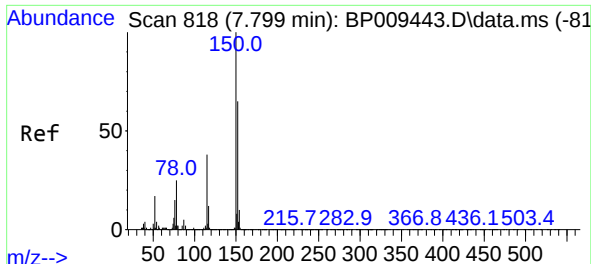
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL

Quant Time: Mar 23 01:20:51 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
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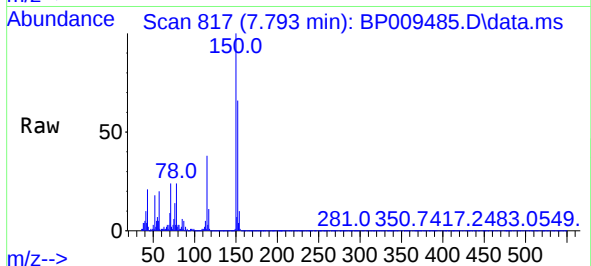
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

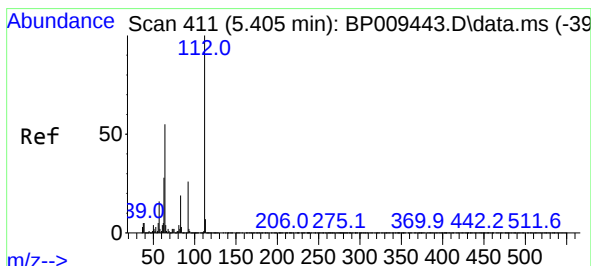
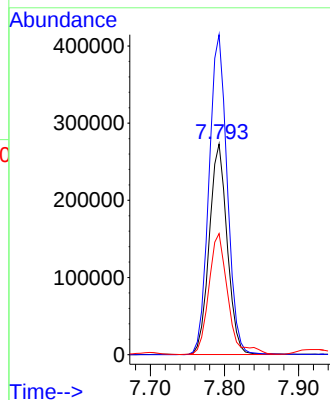
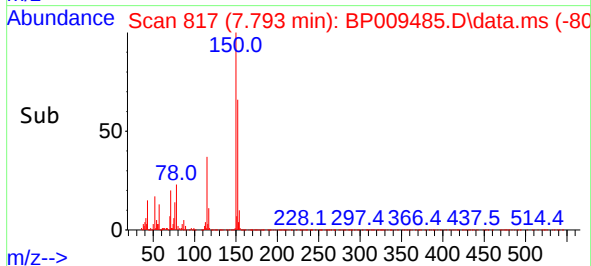
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL



Tgt Ion:152 Resp: 458159
Ion Ratio Lower Upper
152 100
150 151.9 124.5 186.7
115 57.5 48.2 72.4

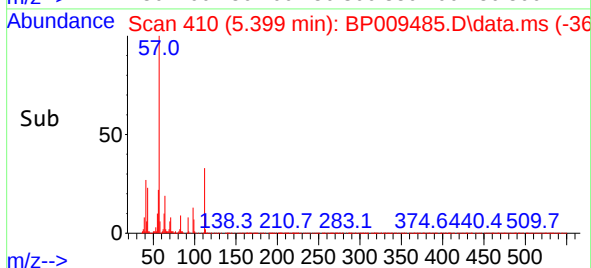
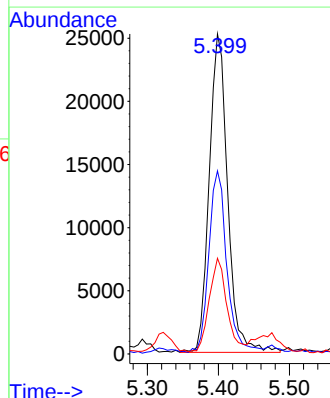
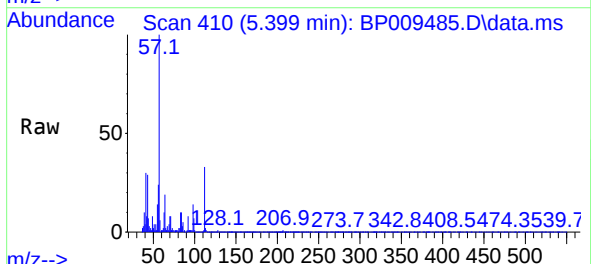
Manual Integrations
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#5
2-Fluorophenol
Concen: 1.729 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

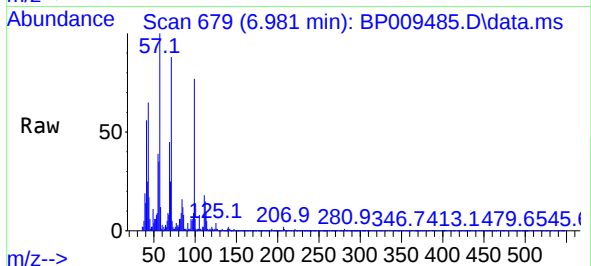
Tgt Ion:112 Resp: 45376
Ion Ratio Lower Upper
112 100
64 57.2 45.0 67.4
63 29.9 23.0 34.6





#7
Phenol-d6
Concen: 1.663 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

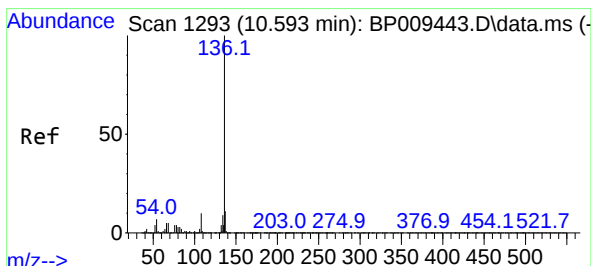
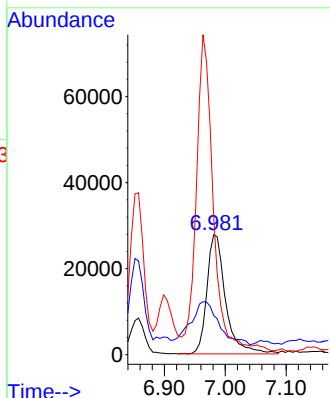
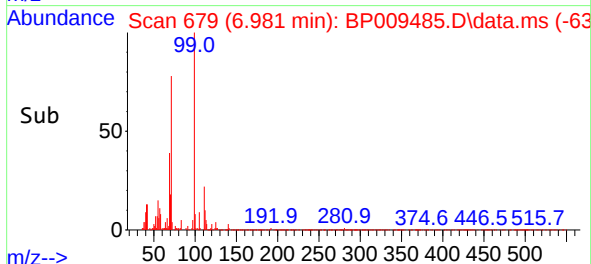
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL



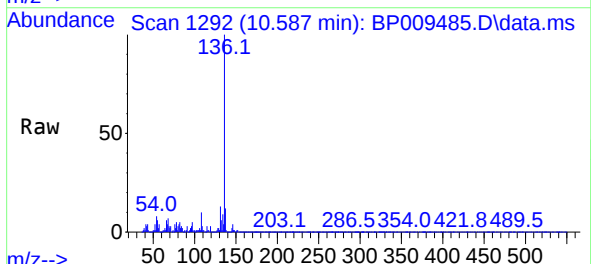
Tgt Ion: 99 Resp: 59019
Ion Ratio Lower Upper
99 100
42 32.7 12.8 19.2
71 114.2 26.3 39.5

Manual Integrations
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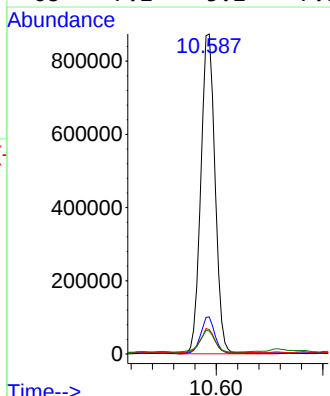
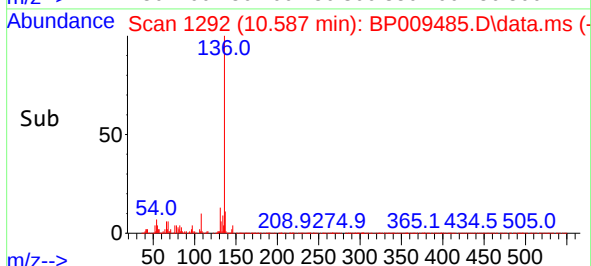
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

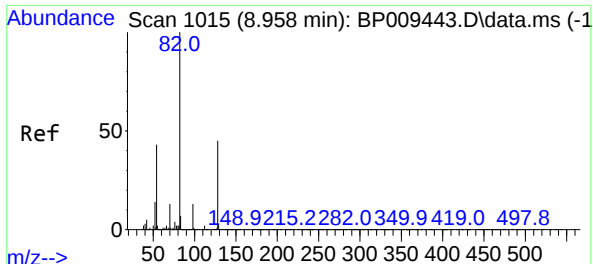


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33



Tgt Ion:136 Resp: 1621795
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 7.6 5.8 8.8
68 7.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 1.746 ng m

RT: 8.946 min Scan# 10

Delta R.T. -0.012 min

Lab File: BP009485.D

Acq: 22 Mar 2022 13:33

Instrument :

BNP_P

ClientSampleId :

PPSP-B13-25.5-26.0DL

Tgt Ion: 82 Resp: 5327

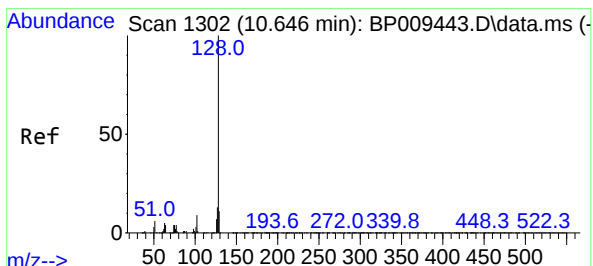
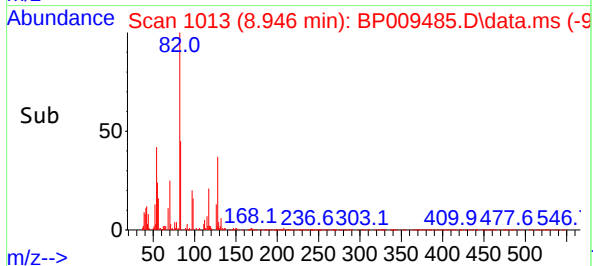
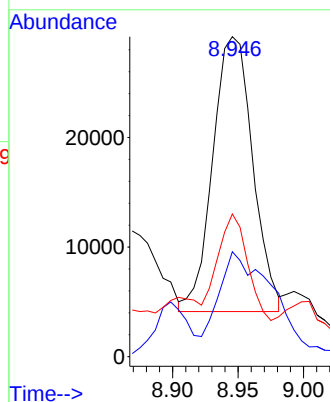
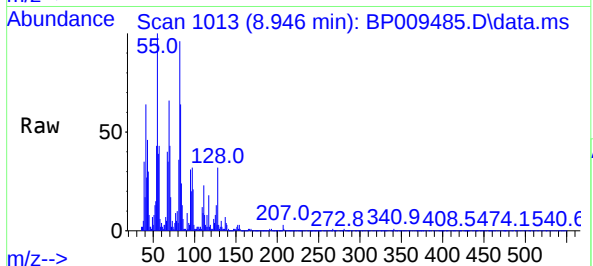
Ion	Ratio	Lower	Upper
82	100		
128	32.8	34.2	51.4
54	44.6	34.7	52.1

Manual Integrations

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#31

Naphthalene

Concen: 10.424 ng

RT: 10.634 min Scan# 1300

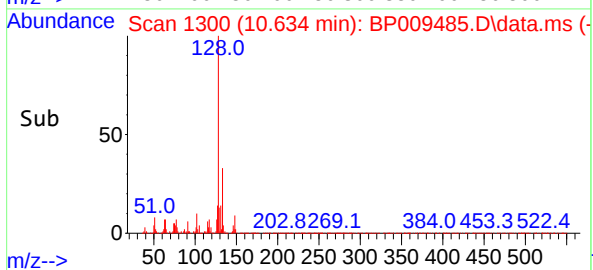
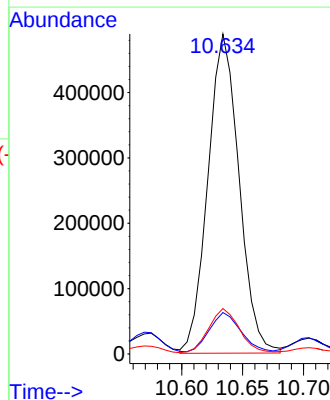
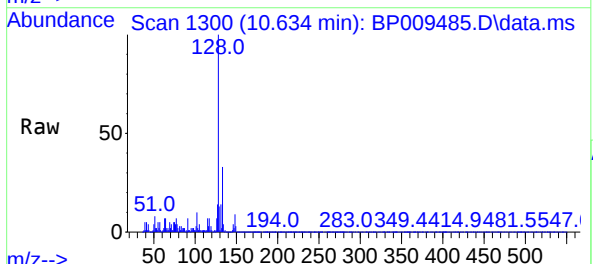
Delta R.T. -0.012 min

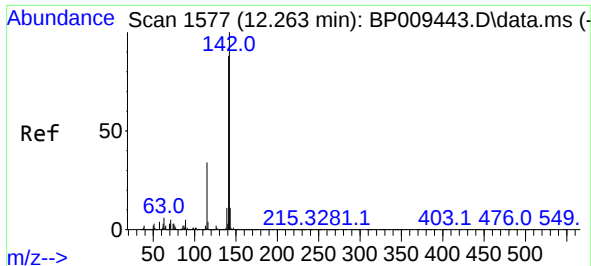
Lab File: BP009485.D

Acq: 22 Mar 2022 13:33

Tgt Ion:128 Resp: 870777

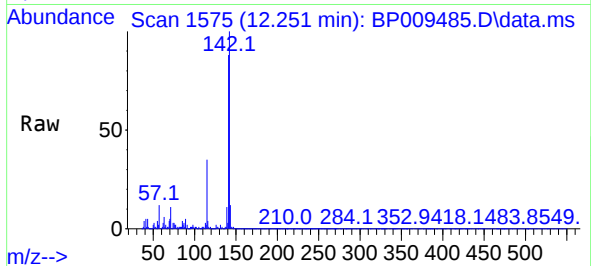
Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.6	13.0
127	14.2	10.5	15.7





#37
2-Methylnaphthalene
Concen: 39.973 ng
RT: 12.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

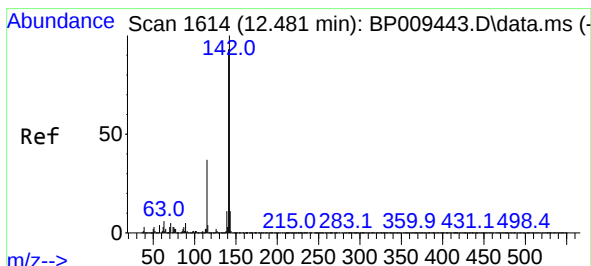
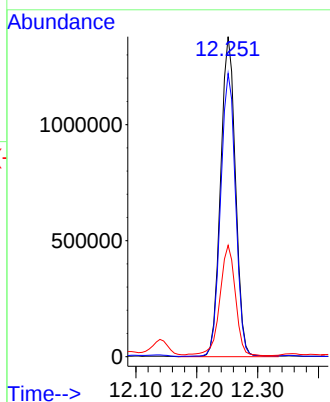
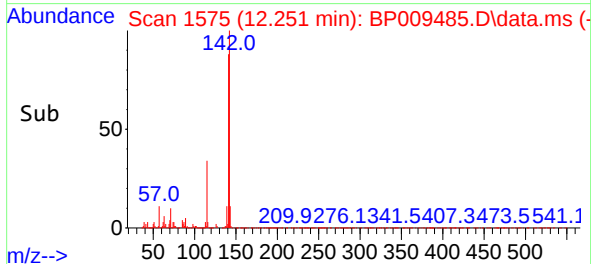
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL



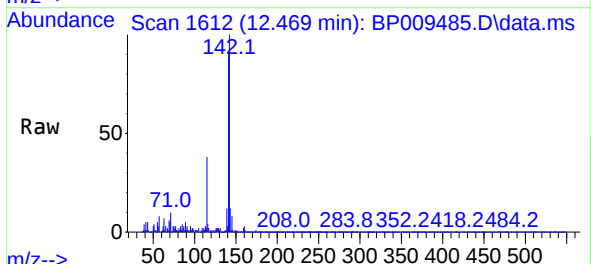
Tgt Ion:142 Resp: 234295
Ion Ratio Lower Upper
142 100
141 88.5 70.2 105.4
115 34.8 27.4 41.2

Manual Integrations
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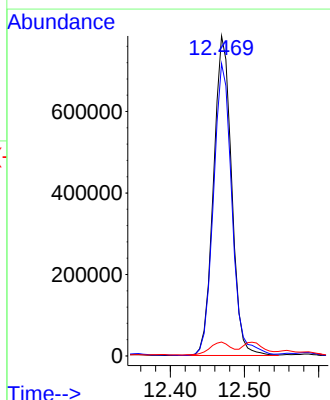
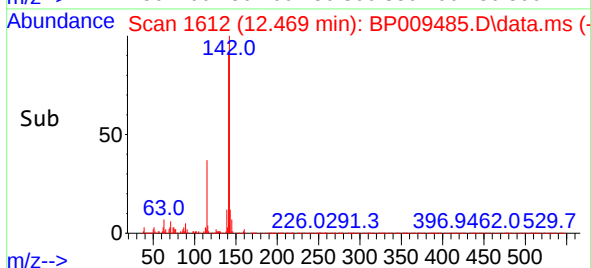
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

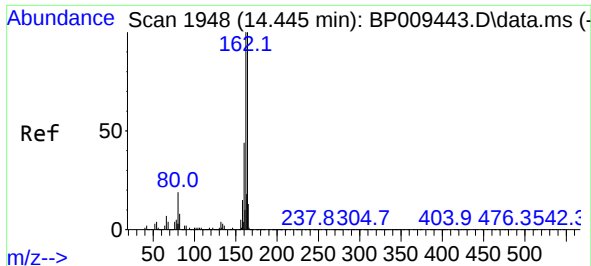


#38
1-Methylnaphthalene
Concen: 23.254 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33



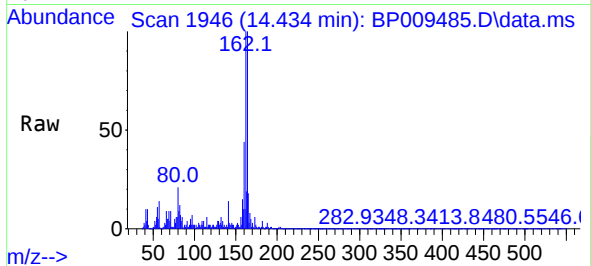
Tgt Ion:142 Resp: 1327812
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3
116 4.3 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

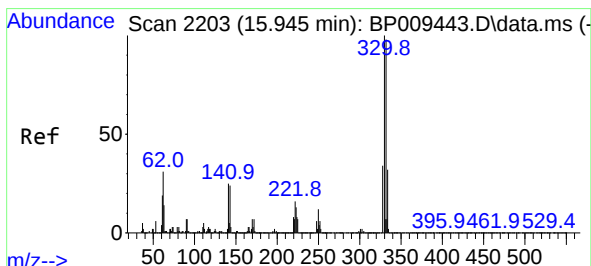
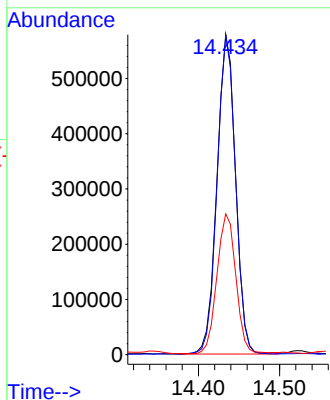
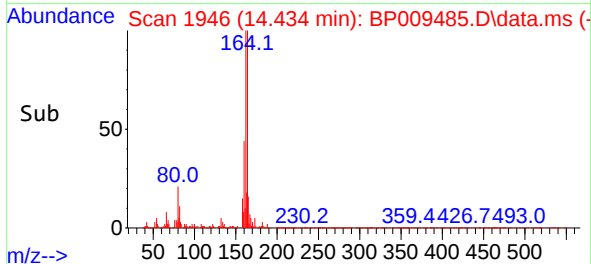
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL



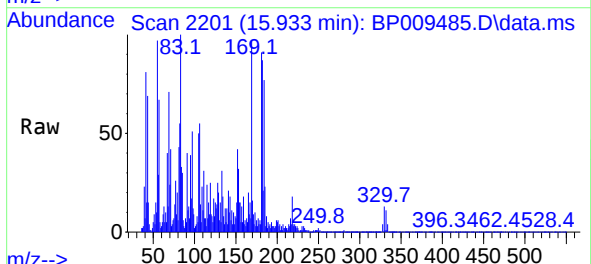
Tgt Ion:164 Resp: 921854
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 44.0 34.9 52.3

Manual Integrations
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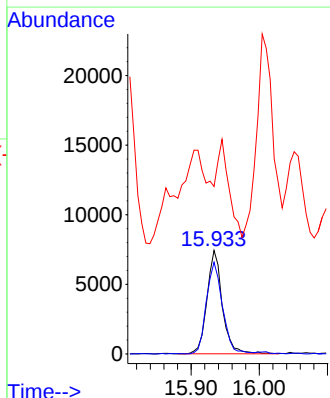
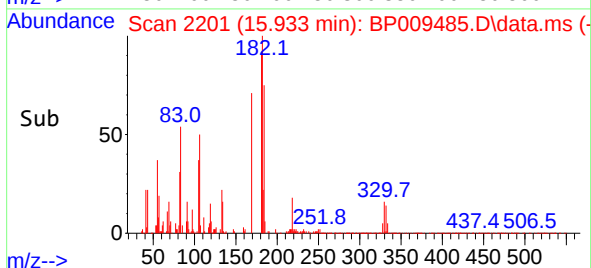
Reviewed By :Christian Giraldo 03/23/2022
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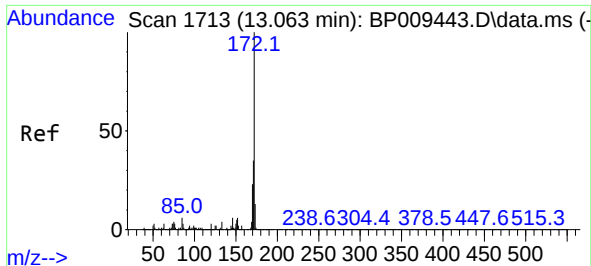


#42
2,4,6-Tribromophenol
Concen: 0.767 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33



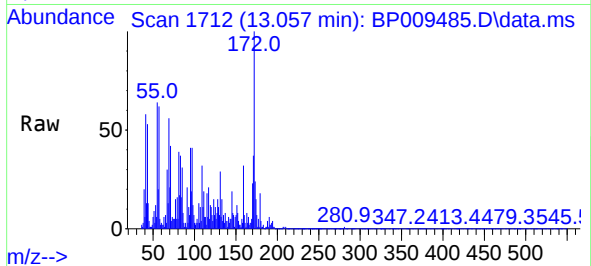
Tgt Ion:330 Resp: 11671
Ion Ratio Lower Upper
330 100
332 92.6 77.0 115.6
141 69.4 27.6 41.4#





#45
2-Fluorobiphenyl
Concen: 1.281 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

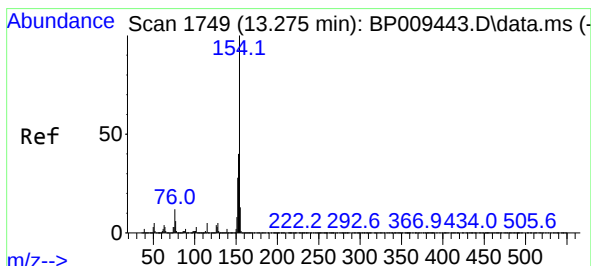
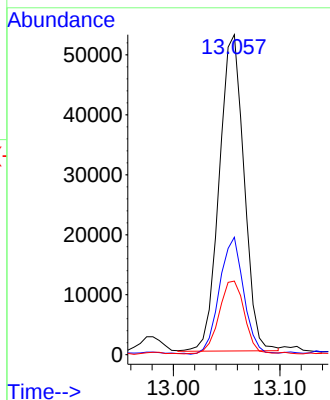
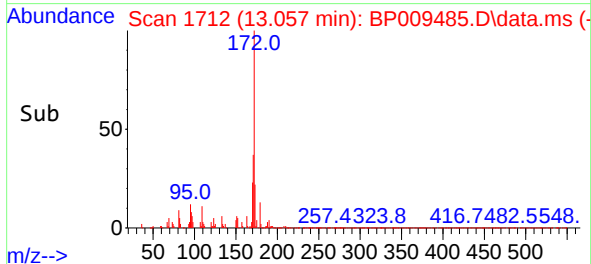
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL



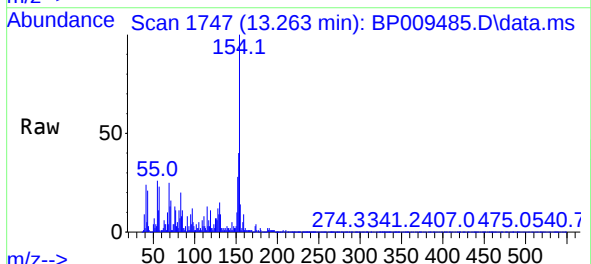
Tgt Ion:172 Resp: 85180
Ion Ratio Lower Upper
172 100
171 36.7 28.0 42.0
170 23.0 18.6 27.8

Manual Integrations
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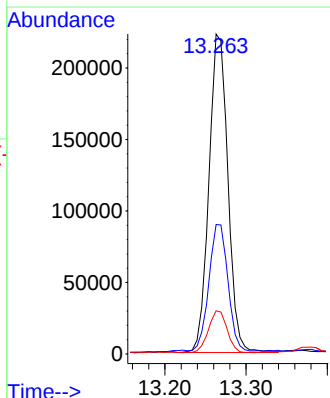
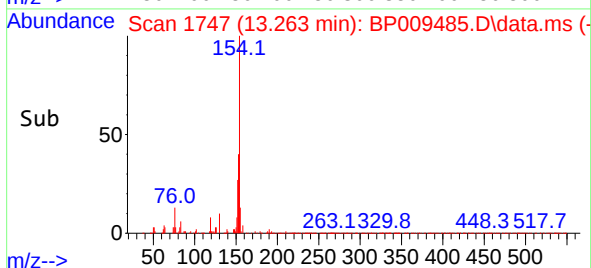
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

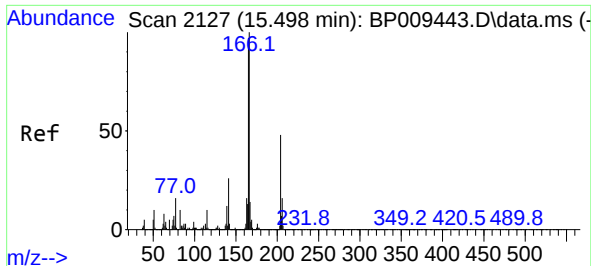


#46
1,1'-Biphenyl
Concen: 5.257 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33



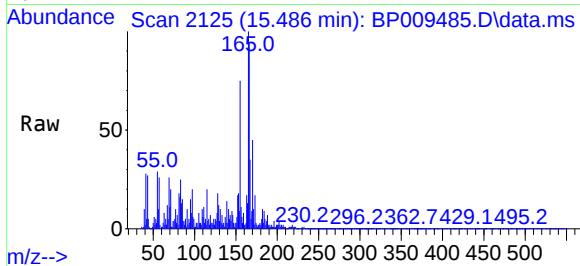
Tgt Ion:154 Resp: 361550
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 13.5 0.0 34.0





#58
Fluorene
Concen: 3.460 ng
RT: 15.486 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

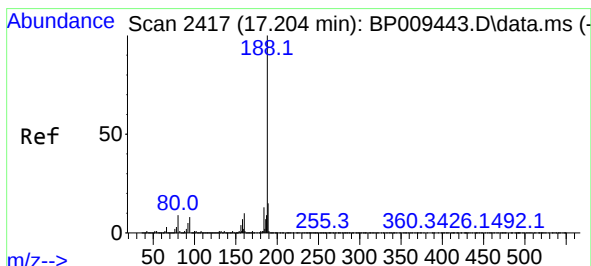
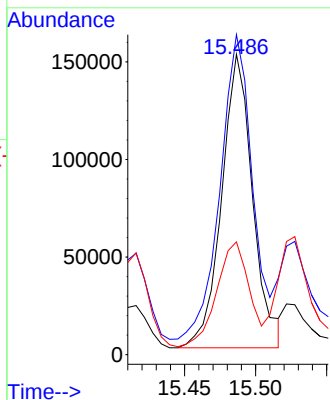
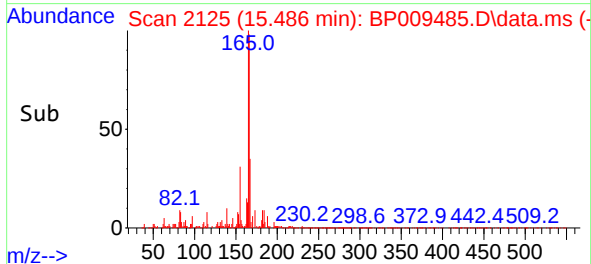
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL



Tgt Ion:166 Resp: 228238
Ion Ratio Lower Upper
166 100
165 106.5 79.2 118.8
167 37.6 10.7 16.1

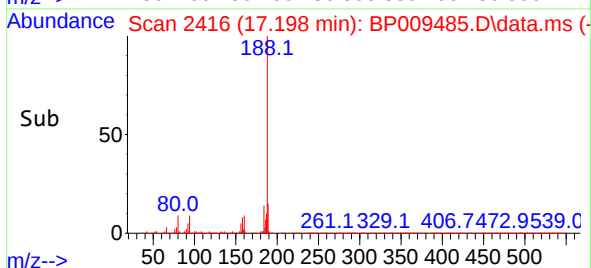
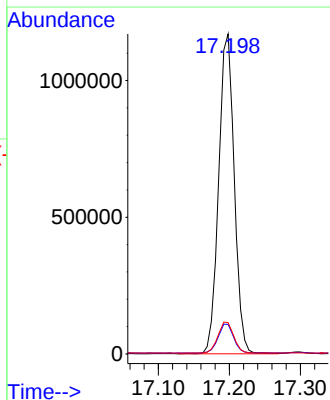
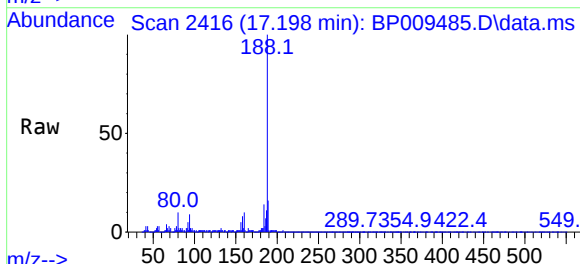
Manual Integrations
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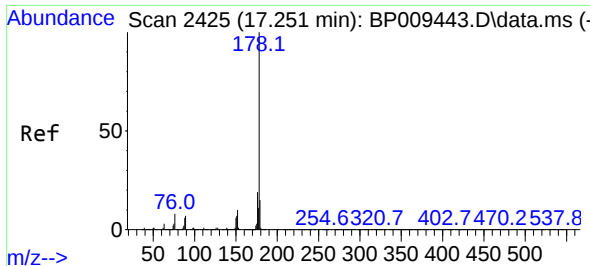
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

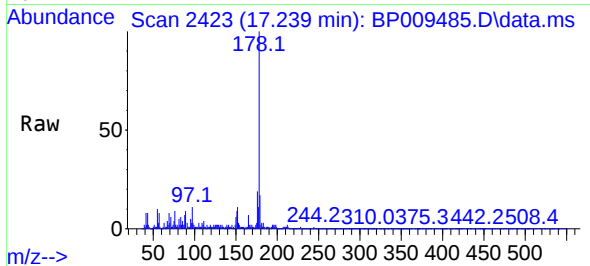
Tgt Ion:188 Resp: 1774285
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 9.8 8.8 13.2





#71
Phenanthrene
Concen: 7.993 ng
RT: 17.239 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

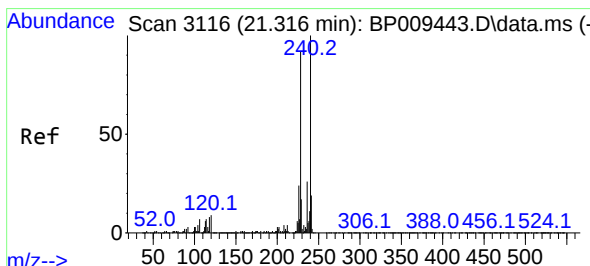
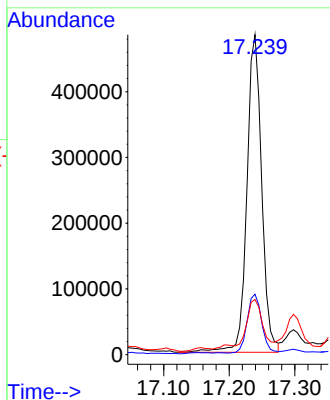
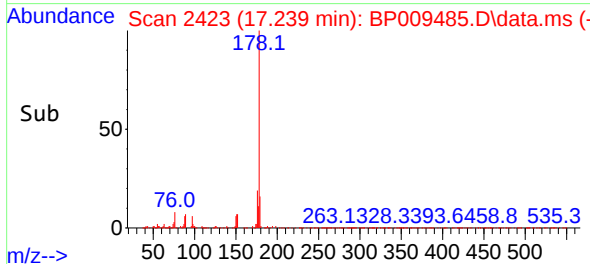
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL



Tgt Ion:178 Resp: 759150
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 17.2 12.3 18.5

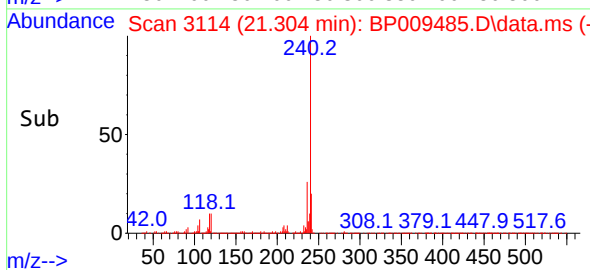
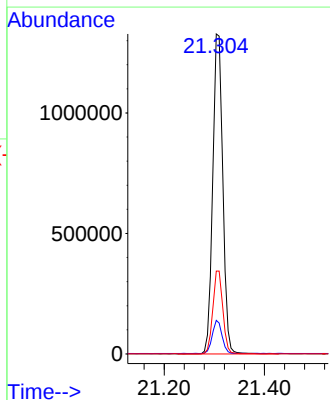
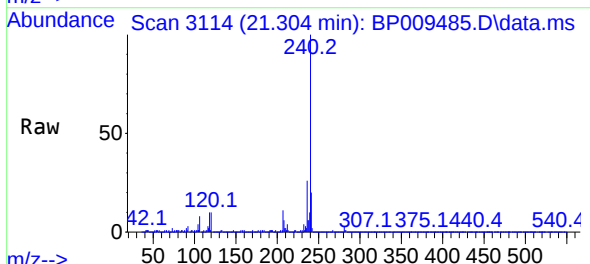
Manual Integrations
APPROVED

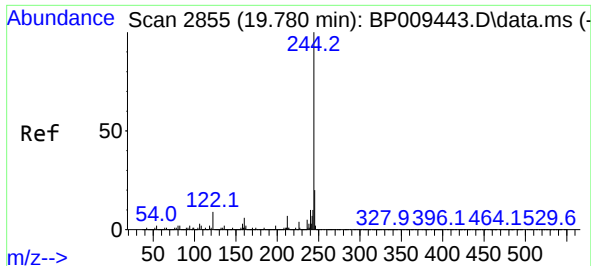
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

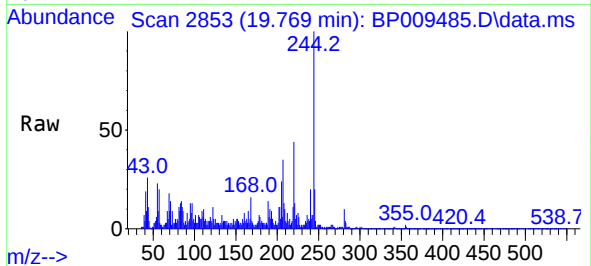
Tgt Ion:240 Resp: 1845763
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 25.9 20.6 30.8





#79
Terphenyl-d14
Concen: 1.290 ng
RT: 19.769 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

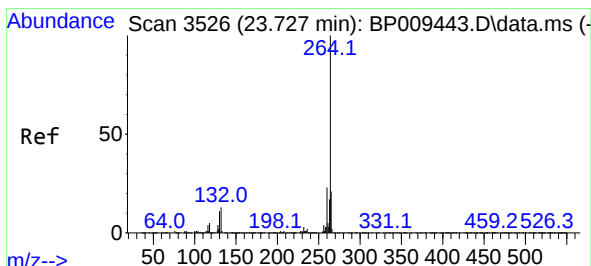
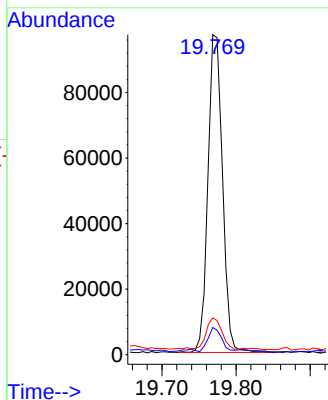
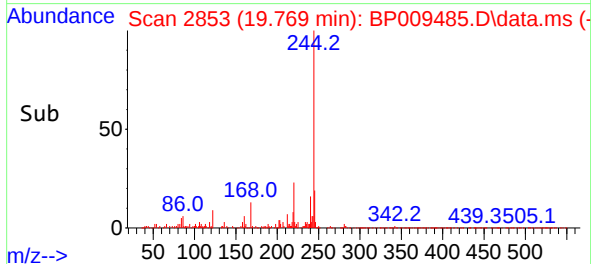
Instrument :
BNA_P
ClientSampleId :
PPSP-B13-25.5-26.0DL



Tgt Ion:244 Resp: 132660
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.6
122 11.5 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3523
Delta R.T. -0.018 min
Lab File: BP009485.D
Acq: 22 Mar 2022 13:33

Tgt Ion:264 Resp: 2135784
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 22.2 17.2 25.8

