

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009081.D
 Acq On : 09 Feb 2022 16:56
 Operator : CG/JU
 Sample : N1405-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 148

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/10/2022
 Supervised By :Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 01:43:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	255944	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	853940	20.000	ng	# 0.01
39) Acenaphthene-d10	14.457	164	750979	20.000	ng	0.01
64) Phenanthrene-d10	17.210	188	1494167	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1176470	20.000	ng	0.00
86) Perylene-d12	23.709	264	1293210	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	790635m	55.103	ng	0.06
7) Phenol-d6	7.034	99	1527781m	80.809	ng	0.05
23) Nitrobenzene-d5	8.975	82	1488065	98.271	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1172405	116.926	ng	0.02
45) 2-Fluorobiphenyl	13.081	172	3828765	71.372	ng	0.01
79) Terphenyl-d14	19.774	244	5103718	78.014	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.663	128	701434	16.105	ng	# 87
37) 2-Methylnaphthalene	12.281	142	542652	17.607	ng	95
38) 1-Methylnaphthalene	12.498	142	276713	9.188	ng	# 92
46) 1,1'-Biphenyl	13.292	154	143531	2.601	ng	87
80) Butylbenzylphthalate	20.451	149	418873	14.556	ng	95
84) Bis(2-ethylhexyl)phtha...	21.215	149	632883	16.626	ng	97

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

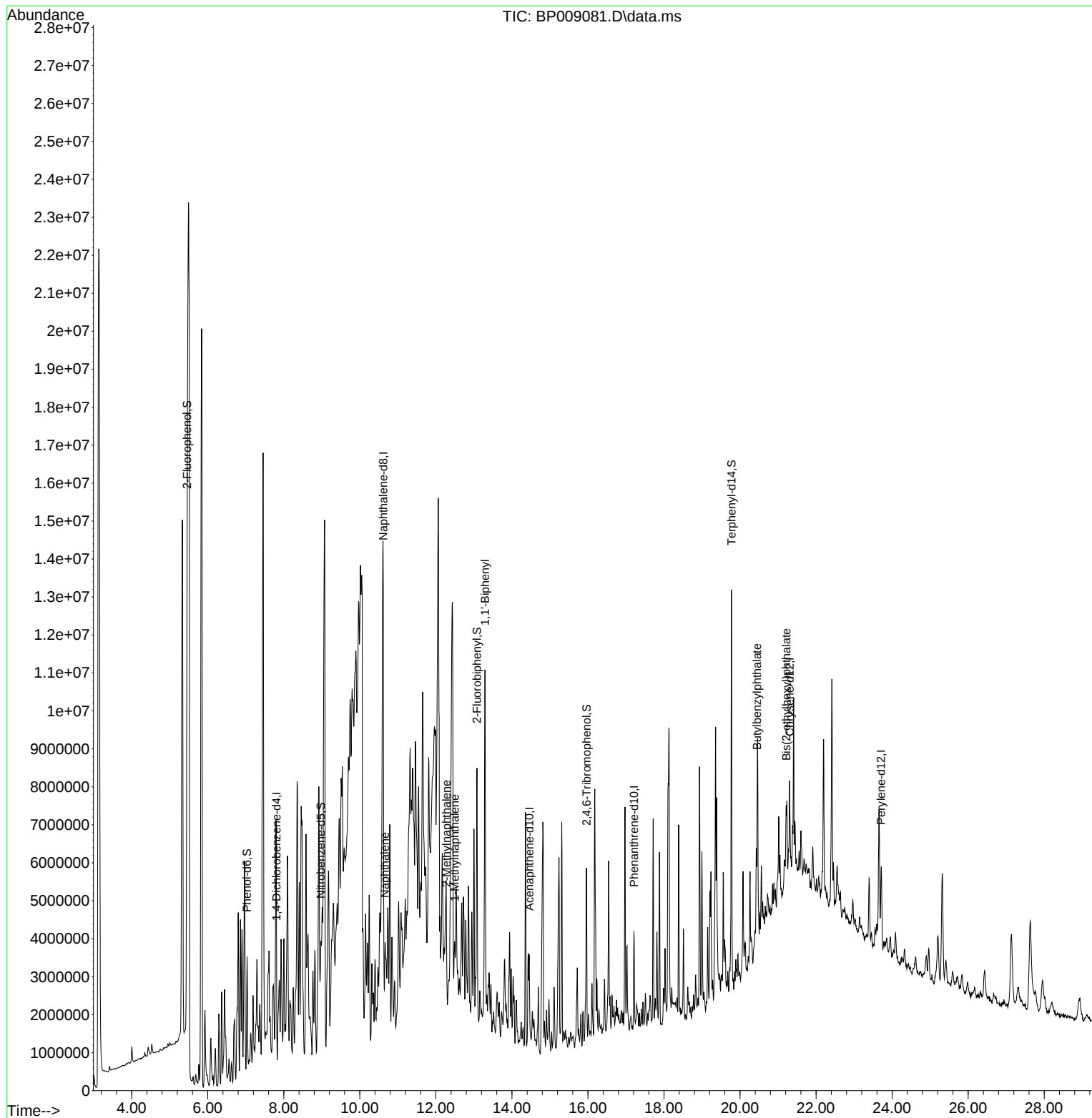
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009081.D
Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

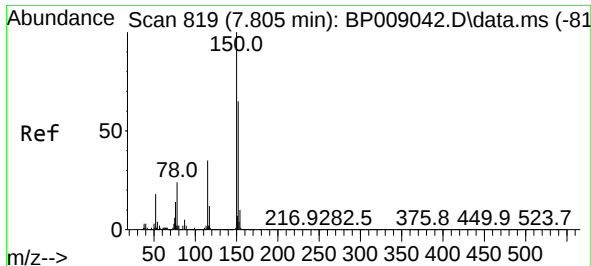
Instrument :
BNA_P
ClientSampleId :
148

Quant Time: Feb 10 01:43:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

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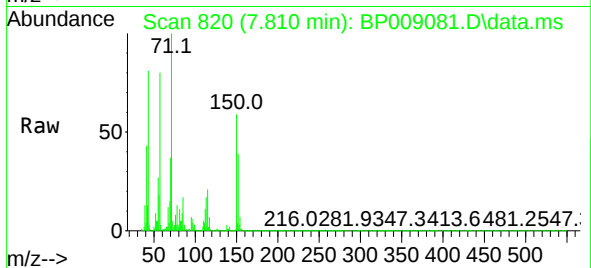
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

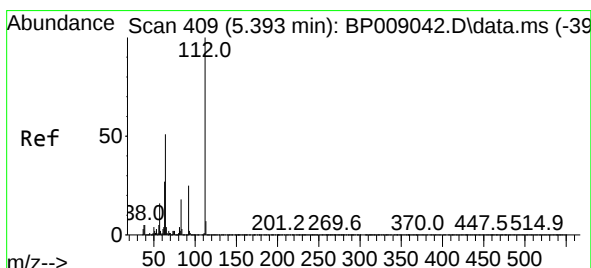
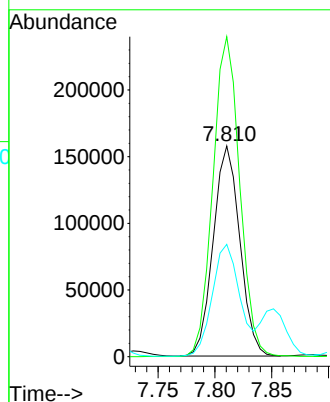
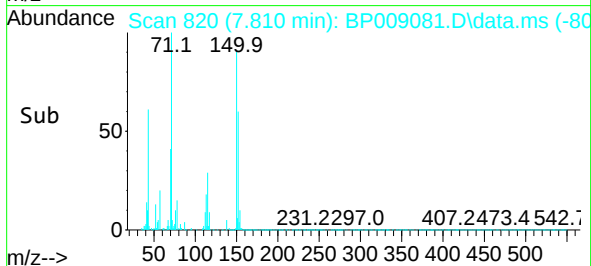
Instrument :
BNA_P
ClientSampleId :
148



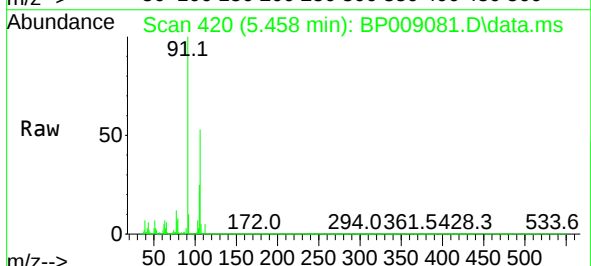
Tgt Ion:152 Resp: 255944
Ion Ratio Lower Upper
152 100
150 151.9 127.0 190.6
115 53.3 43.7 65.5

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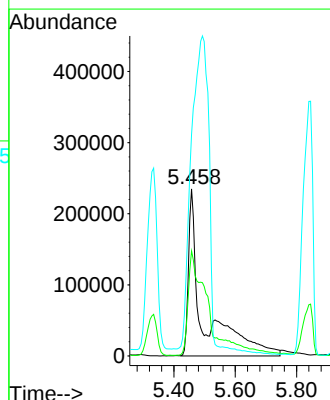
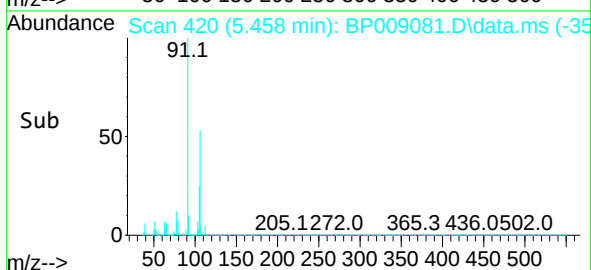
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

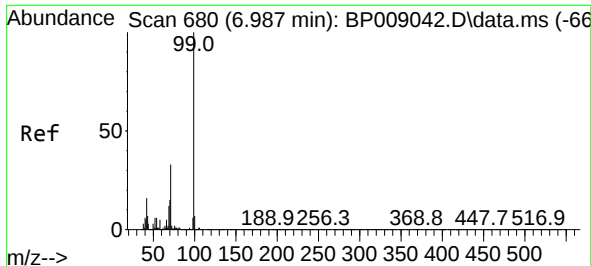


#5
2-Fluorophenol
Concen: 55.103 ng m
RT: 5.458 min Scan# 420
Delta R.T. 0.065 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56



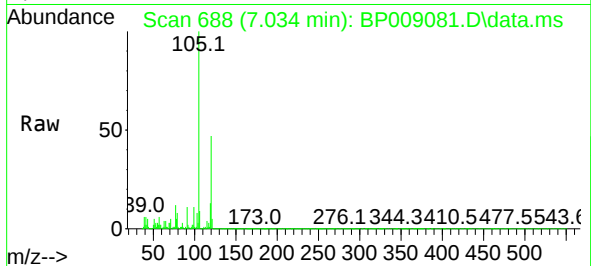
Tgt Ion:112 Resp: 790635
Ion Ratio Lower Upper
112 100
64 62.8 39.7 59.5#
63 132.6 20.0 30.0#





#7
Phenol-d6
Concen: 80.809 ng m
RT: 7.034 min Scan# 61
Delta R.T. 0.047 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

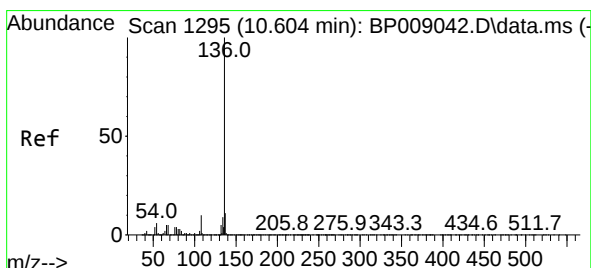
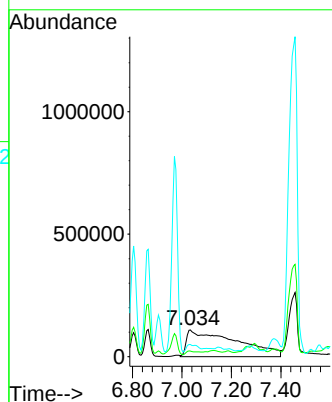
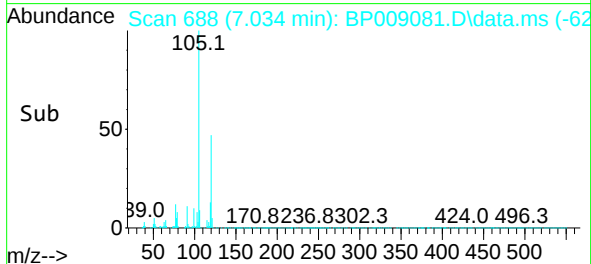
Instrument :
BNA_P
ClientSampleId :
148



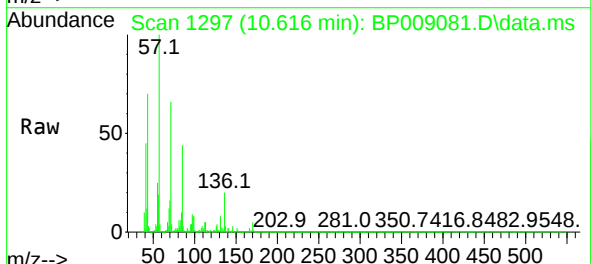
Tgt Ion: 99 Resp: 152778
Ion Ratio Lower Upper
99 100
42 20.9 10.8 16.2
71 45.4 23.8 35.6

Manual Integrations
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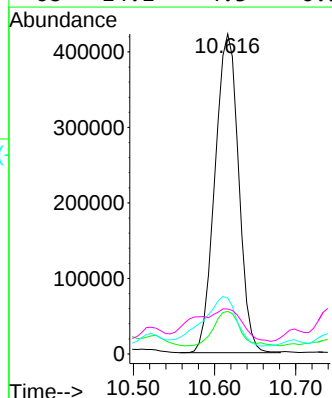
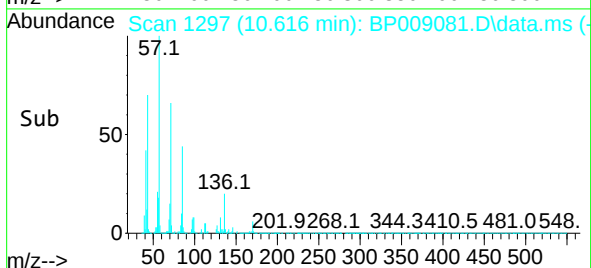
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

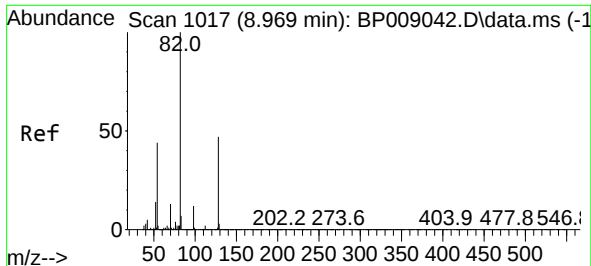


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56



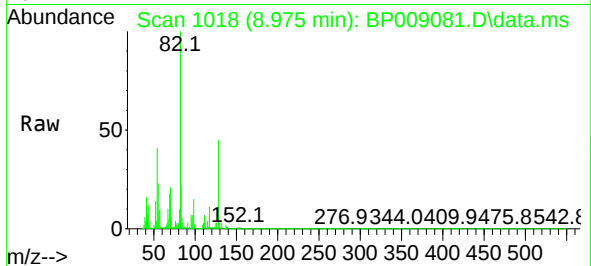
Tgt Ion:136 Resp: 853940
Ion Ratio Lower Upper
136 100
137 13.3 9.0 13.4
54 17.5 4.9 7.3#
68 14.1 4.3 6.5#





#23
Nitrobenzene-d5
Concen: 98.271 ng
RT: 8.975 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

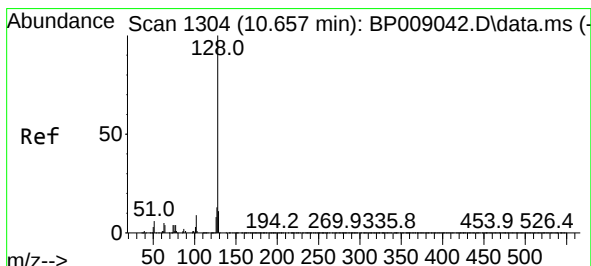
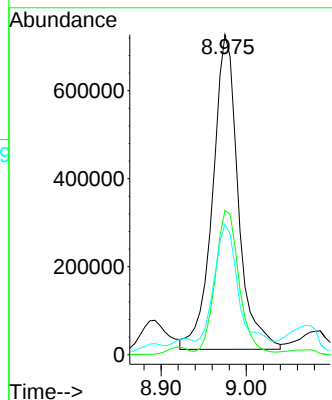
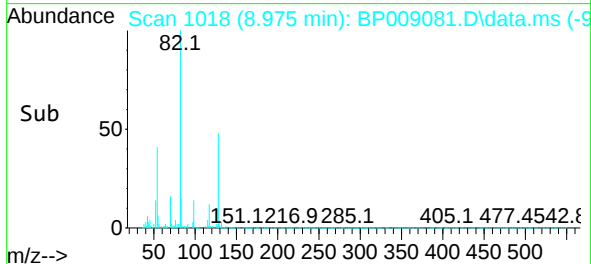
Instrument :
BNA_P
ClientSampleId :
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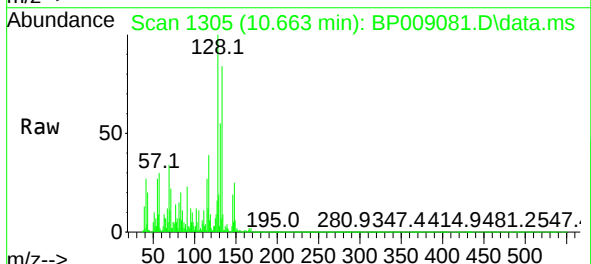
Tgt Ion: 82 Resp: 148806
Ion Ratio Lower Upper
82 100
128 45.1 39.4 59.2
54 40.7 32.6 48.8

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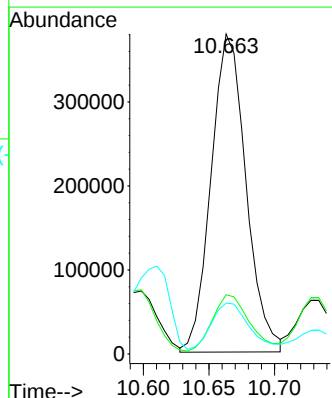
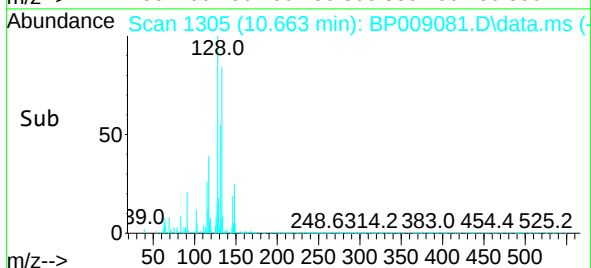
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

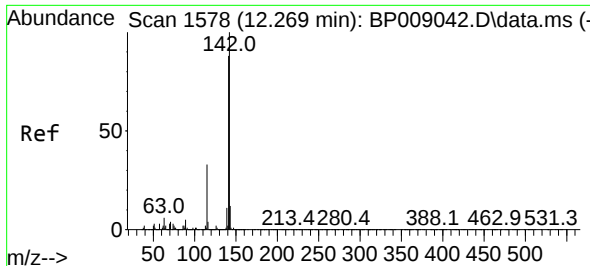


#31
Naphthalene
Concen: 16.105 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56



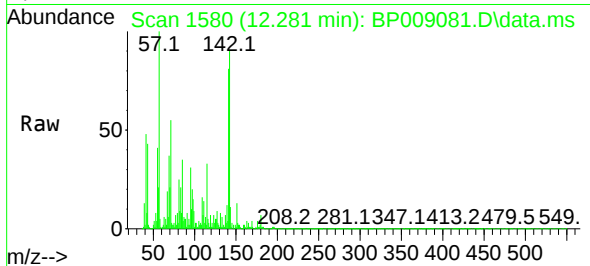
Tgt Ion:128 Resp: 701434
Ion Ratio Lower Upper
128 100
129 18.5 8.8 13.2#
127 15.9 10.4 15.6#





#37
2-Methylnaphthalene
Concen: 17.607 ng
RT: 12.281 min Scan# 1148
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

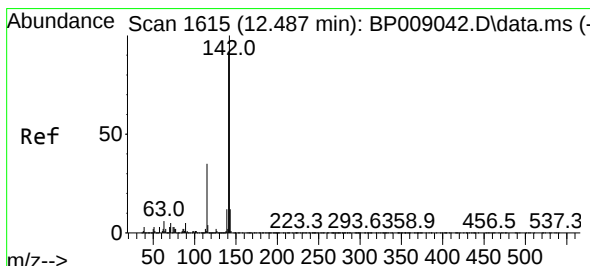
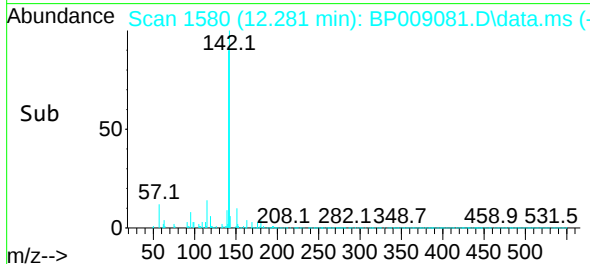
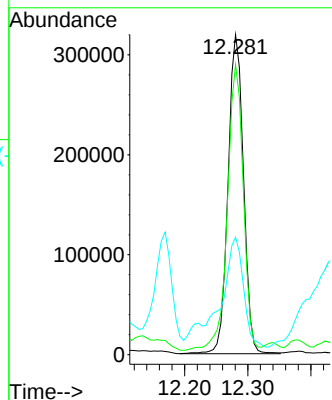
Instrument :
BNA_P
ClientSampleId :
148



Tgt Ion:142 Resp: 542652
Ion Ratio Lower Upper
142 100
141 90.7 70.5 105.7
115 36.7 24.6 36.8

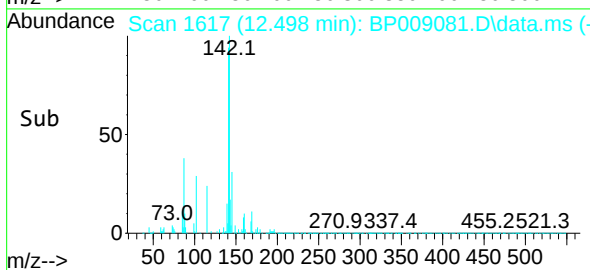
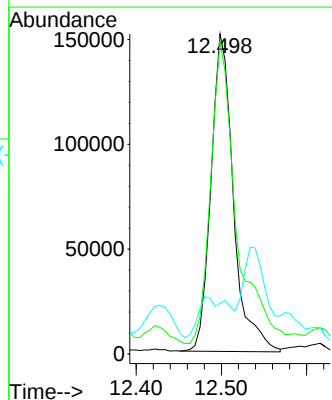
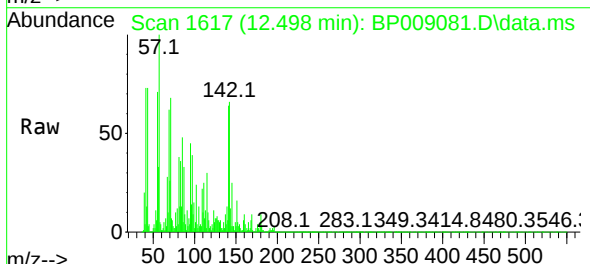
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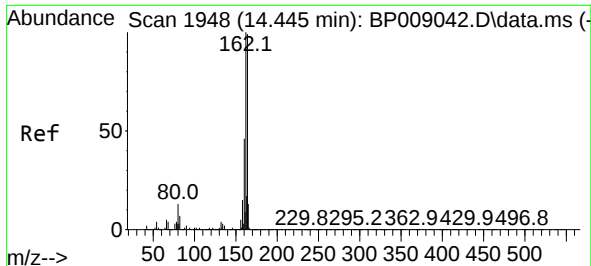
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#38
1-Methylnaphthalene
Concen: 9.188 ng
RT: 12.498 min Scan# 1617
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

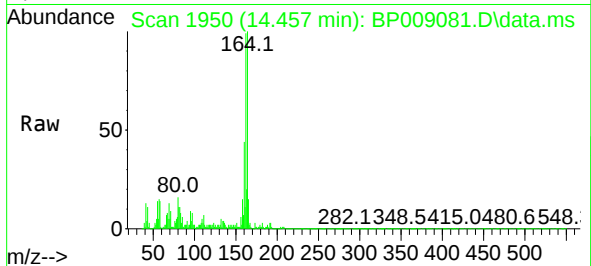
Tgt Ion:142 Resp: 276713
Ion Ratio Lower Upper
142 100
141 97.7 73.2 109.8
116 15.9 2.7 4.1#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1948
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

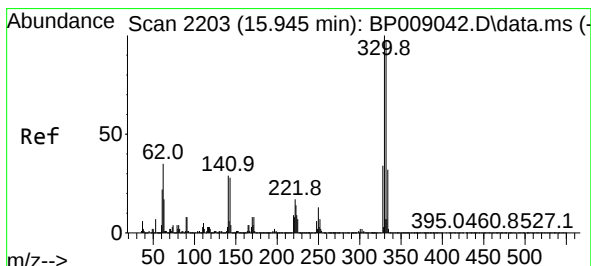
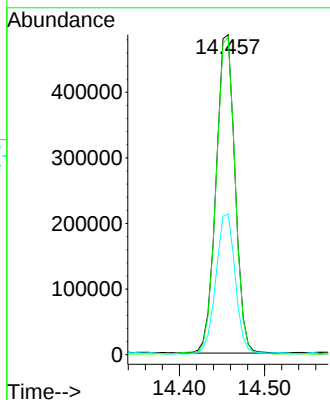
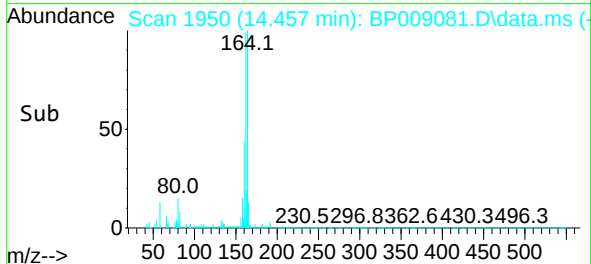
Instrument :
BNA_P
ClientSampleId :
148



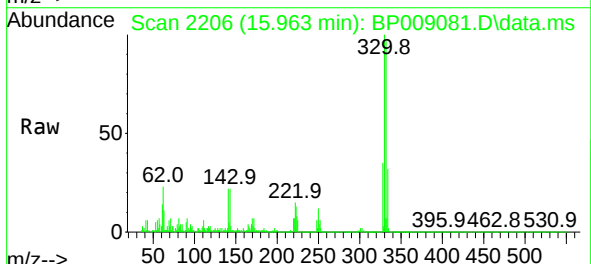
Tgt Ion:164 Resp: 750979
Ion Ratio Lower Upper
164 100
162 99.2 79.9 119.9
160 43.9 35.5 53.3

Manual Integrations
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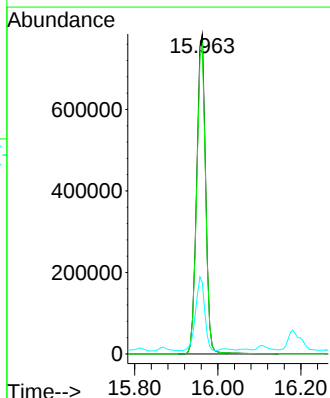
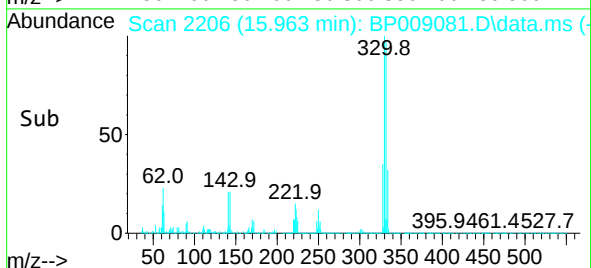
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

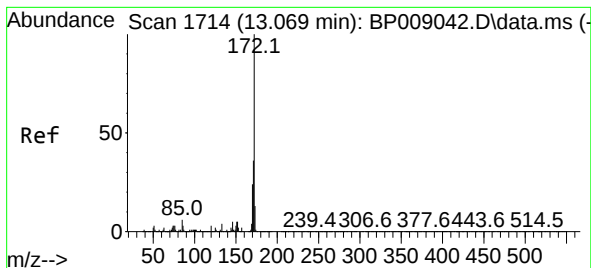


#42
2,4,6-Tribromophenol
Concen: 116.926 ng
RT: 15.963 min Scan# 2206
Delta R.T. 0.018 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56



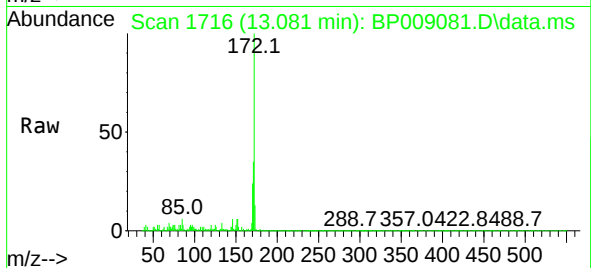
Tgt Ion:330 Resp: 1172405
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 23.4 21.3 31.9





#45
2-Fluorobiphenyl
Concen: 71.372 ng
RT: 13.081 min Scan# 1714
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

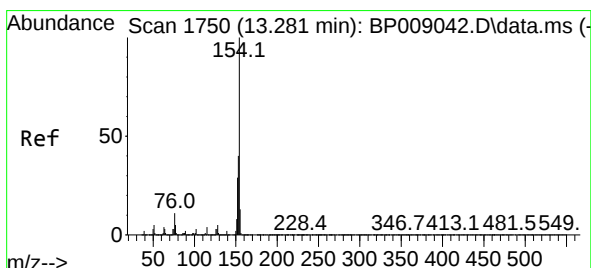
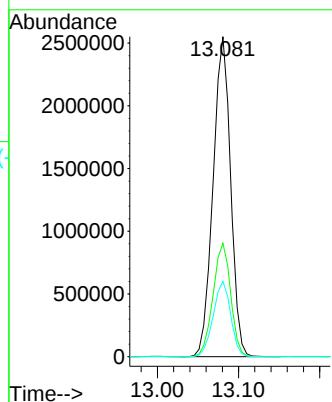
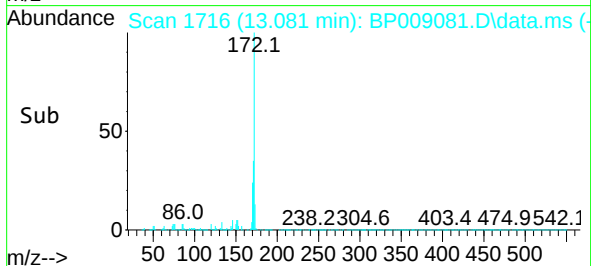
Instrument :
BNA_P
ClientSampleId :
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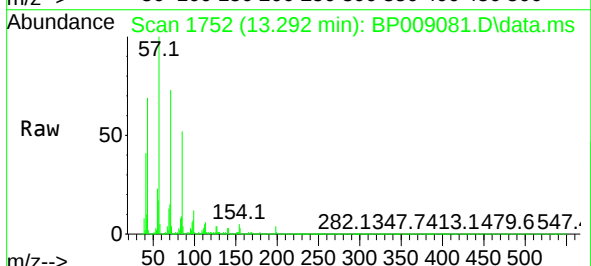
Tgt Ion:172 Resp: 382876
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.6 19.5 29.3

Manual Integrations
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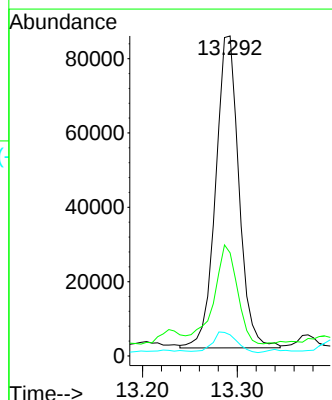
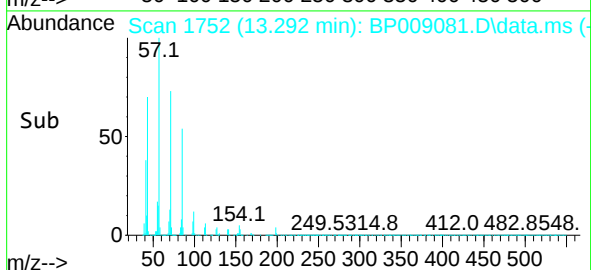
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

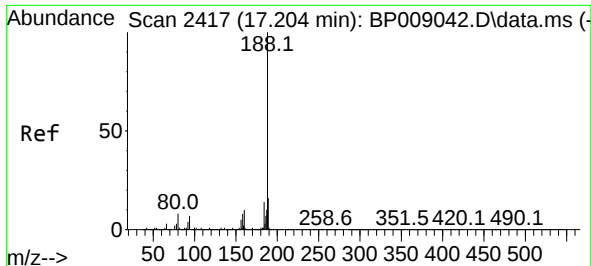


#46
1,1'-Biphenyl
Concen: 2.601 ng
RT: 13.292 min Scan# 1752
Delta R.T. 0.012 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56



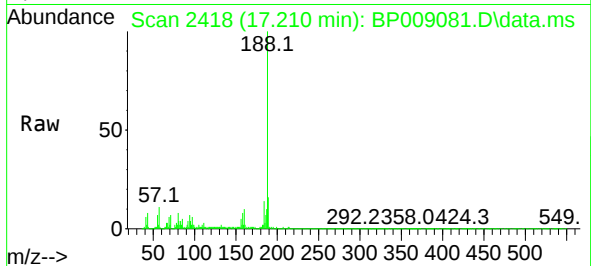
Tgt Ion:154 Resp: 143531
Ion Ratio Lower Upper
154 100
153 32.2 20.3 60.3
76 6.6 0.0 31.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

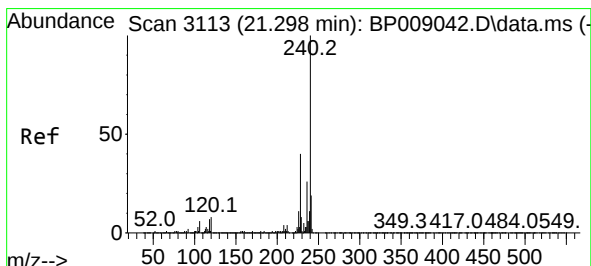
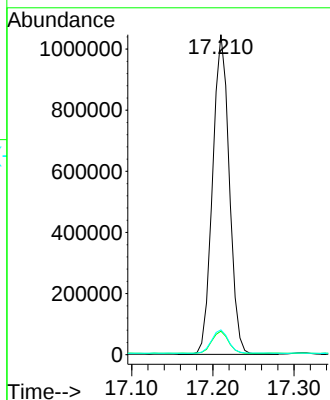
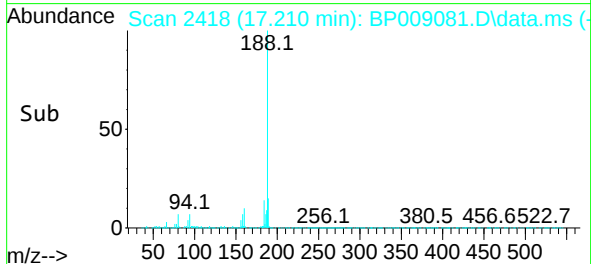
Instrument :
BNA_P
ClientSampleId :
148



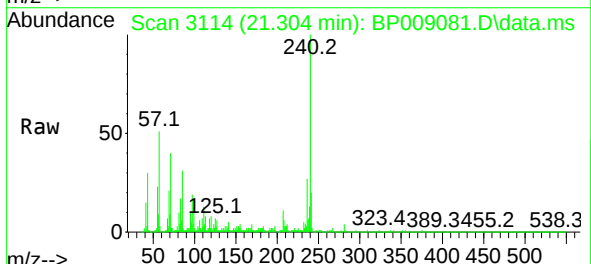
Tgt Ion:188 Resp: 149416
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.8 7.2 10.8

Manual Integrations
APPROVED

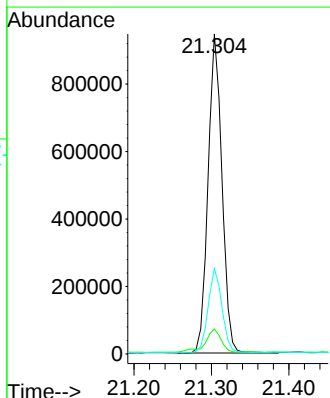
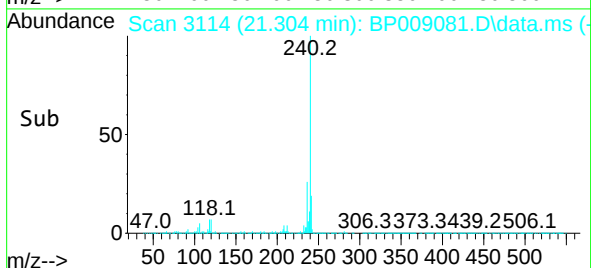
Reviewed By :Christian Giraldo 02/10/2022
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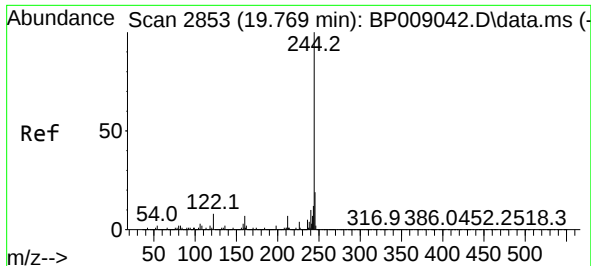


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56



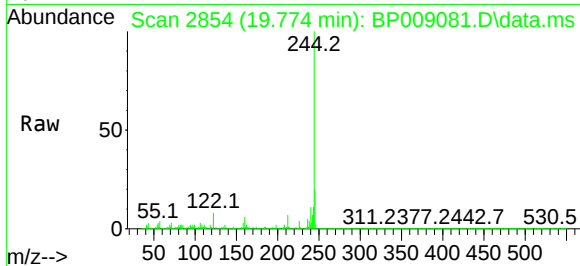
Tgt Ion:240 Resp: 1176470
Ion Ratio Lower Upper
240 100
120 7.8 7.7 11.5
236 26.6 21.2 31.8





#79
 Terphenyl-d14
 Concen: 78.014 ng
 RT: 19.774 min Scan# 2148
 Delta R.T. 0.006 min
 Lab File: BP009081.D
 Acq: 09 Feb 2022 16:56

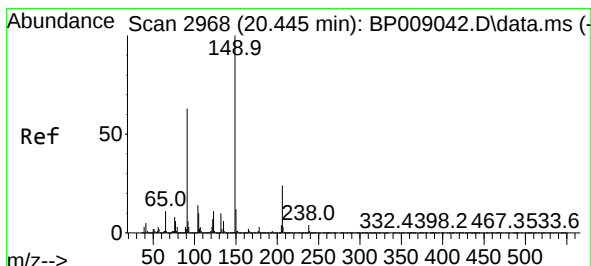
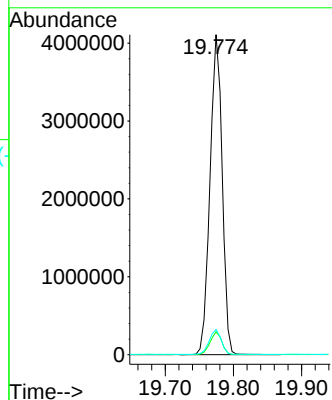
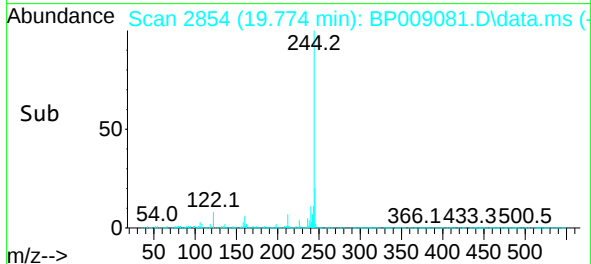
Instrument :
 BNA_P
 ClientSampleId :
 148



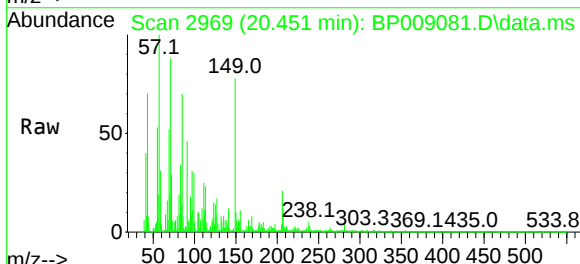
Tgt Ion:244 Resp: 5103718
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 7.9 9.2 13.8

Manual Integrations
 APPROVED

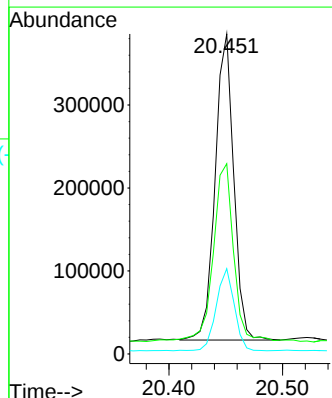
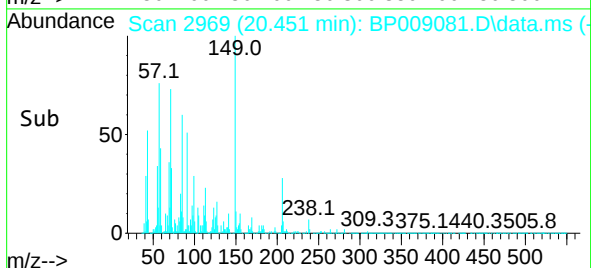
Reviewed By :Christian Giraldo 02/10/2022
 Supervised By :Jagrut Upadhyay 02/11/2022

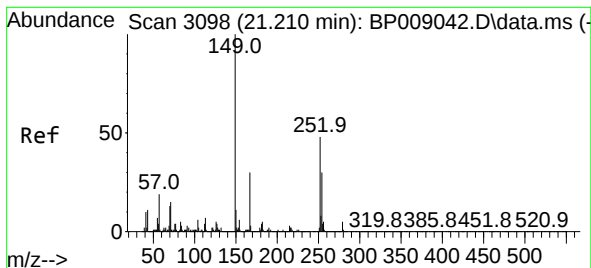


#80
 Butylbenzylphthalate
 Concen: 14.556 ng
 RT: 20.451 min Scan# 2969
 Delta R.T. 0.006 min
 Lab File: BP009081.D
 Acq: 09 Feb 2022 16:56



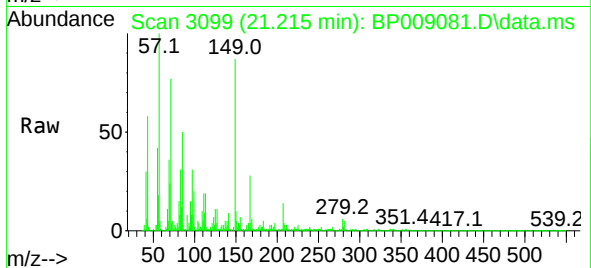
Tgt Ion:149 Resp: 418873
 Ion Ratio Lower Upper
 149 100
 91 59.4 50.6 76.0
 206 26.7 19.7 29.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 16.626 ng
RT: 21.215 min Scan# 3098
Delta R.T. 0.006 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56

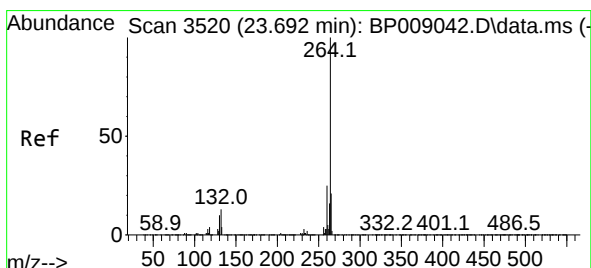
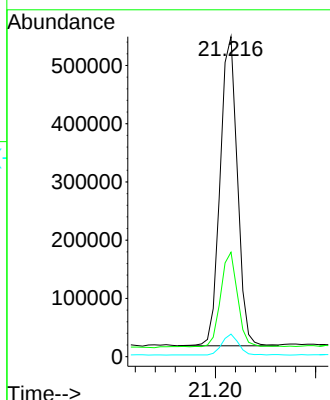
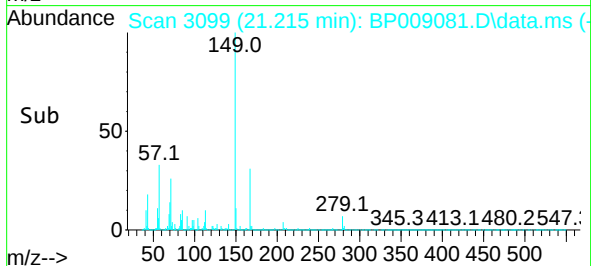
Instrument :
BNA_P
ClientSampleId :
148



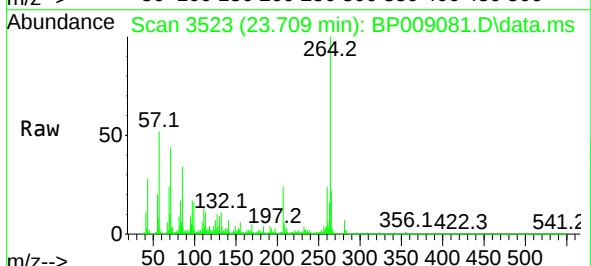
Tgt Ion:149 Resp: 63288
Ion Ratio Lower Upper
149 100
167 32.7 25.0 37.4
279 7.1 4.8 7.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3523
Delta R.T. 0.018 min
Lab File: BP009081.D
Acq: 09 Feb 2022 16:56



Tgt Ion:264 Resp: 1293210
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.3 17.1 25.7

