

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128973.D
 Acq On : 24 Jun 2022 01:27
 Operator : CG\JU
 Sample : N3431-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/24/2022
 Supervised By : Jagrut Upadhyay 06/28/2022

Quant Time: Jun 24 04:39:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	64041	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	207065	20.000	ng	# 0.01
39) Acenaphthene-d10	9.780	164	94531	20.000	ng	0.01
64) Phenanthrene-d10	11.269	188	166778	20.000	ng	# 0.02
76) Chrysene-d12	13.921	240	154526	20.000	ng	# 0.02
86) Perylene-d12	15.374	264	87012	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	449025	111.682	ng	0.00
7) Phenol-d6	6.387	99	497704	101.411	ng	0.00
23) Nitrobenzene-d5	7.304	82	391556	88.041	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	98375	88.076	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	503699	74.640	ng	0.00
79) Terphenyl-d14	12.857	244	548683	61.699	ng	0.02
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.739	142	39825	5.892	ng	90
38) 1-Methylnaphthalene	8.833	142	66070	10.117	ng	81
52) Acenaphthene	9.816	154	18825	3.489	ng	# 33
58) Fluorene	10.327	166	53892	8.961	ng	# 70
71) Phenanthrene	11.298	178	180190	21.540	ng	# 90
75) Fluoranthene	12.492	202	43947	5.026	ng	76
78) Pyrene	12.721	202	76106	6.620	ng	# 88
81) Benzo(a)anthracene	13.910	228	43578	4.524	ng	# 69
83) Chrysene	13.945	228	69879	7.610	ng	# 80
88) Benzo(b)fluoranthene	14.957	252	29698m	5.341	ng	
90) Benzo(a)pyrene	15.315	252	29998m	6.865	ng	
91) Dibenzo(a,h)anthracene	16.780	278	9524	2.189	ng	# 26
92) Benzo(g,h,i)perylene	17.221	276	24363	5.651	ng	94

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

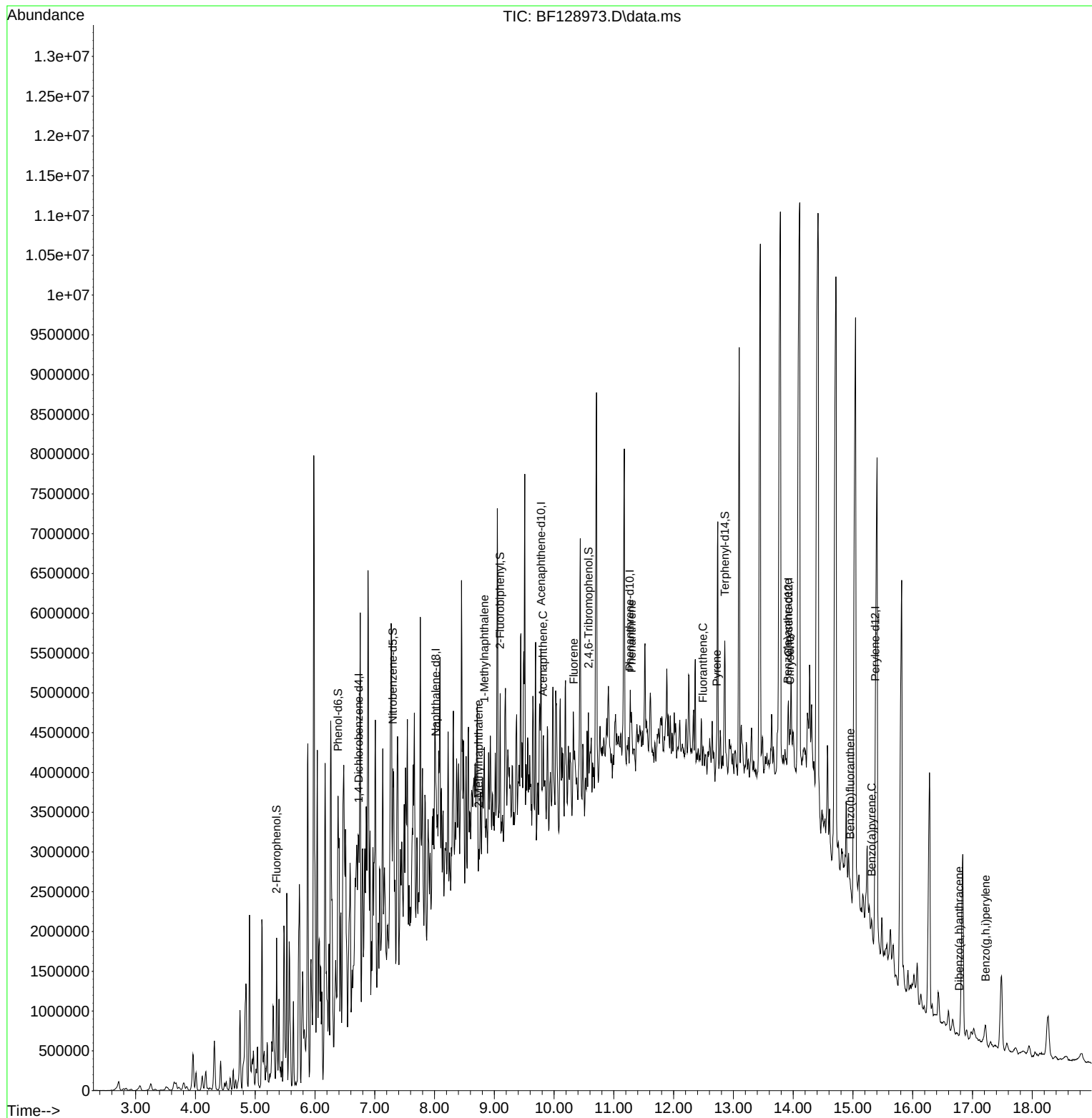
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128973.D
Acq On : 24 Jun 2022 01:27
Operator : CG\JU
Sample : N3431-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

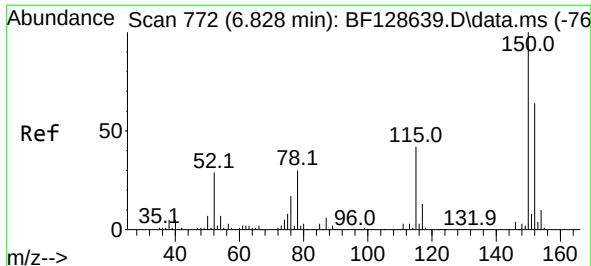
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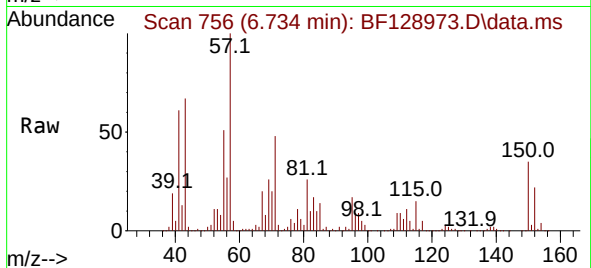
Quant Time: Jun 24 04:39:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:50:48 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

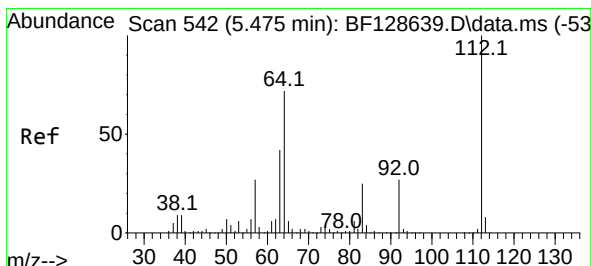
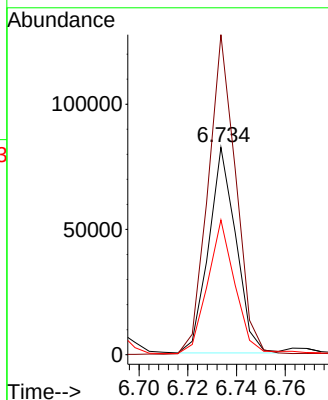
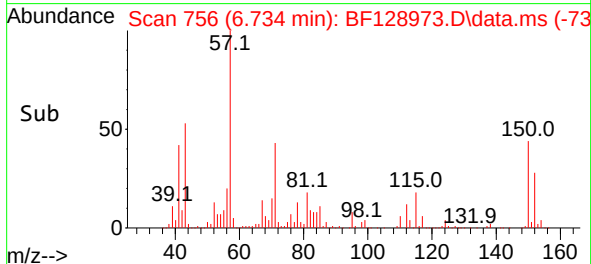
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3



Tgt Ion:152 Resp: 6404
Ion Ratio Lower Upper
152 100
150 154.3 123.7 185.5
115 65.0 49.9 74.9

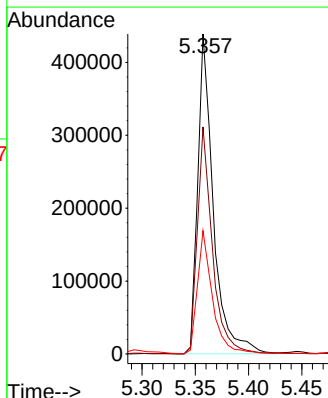
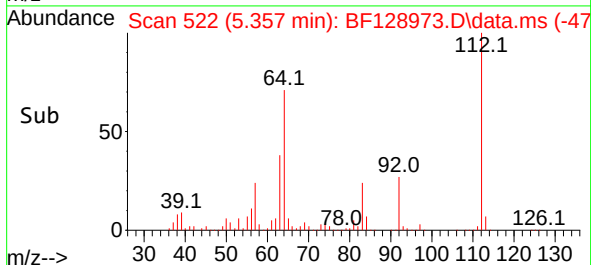
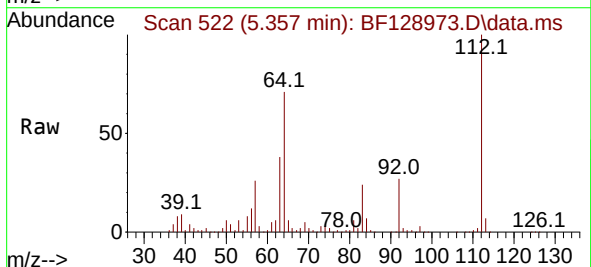
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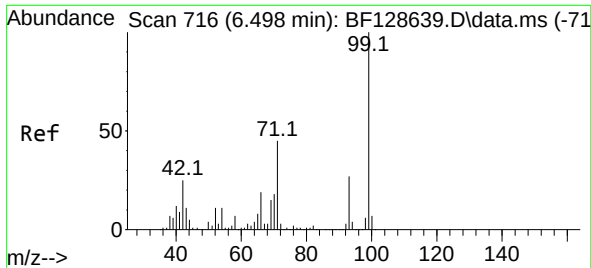
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Supervised By :Jagrut Upadhyay 06/28/2022



#5
2-Fluorophenol
Concen: 111.682 ng
RT: 5.357 min Scan# 522
Delta R.T. -0.000 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

Tgt Ion:112 Resp: 449025
Ion Ratio Lower Upper
112 100
64 70.9 53.3 79.9
63 38.5 28.0 42.0





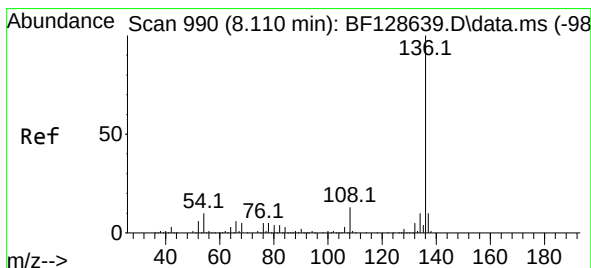
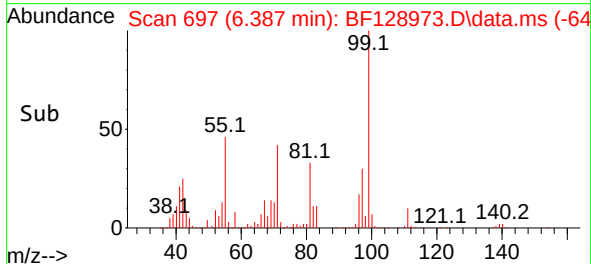
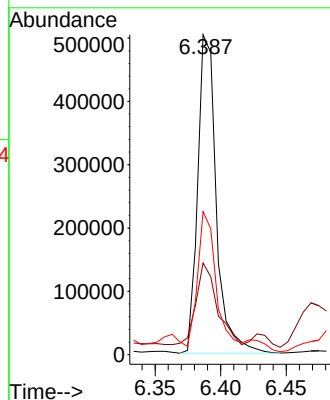
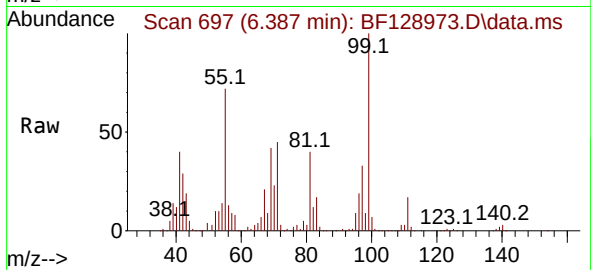
#7
Phenol-d6
Concen: 101.411 ng
RT: 6.387 min Scan# 64
Delta R.T. -0.000 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3

Tgt Ion: 99 Resp: 497704
Ion Ratio Lower Upper
99 100
42 28.7 17.3 25.9#
71 44.7 28.9 43.3#

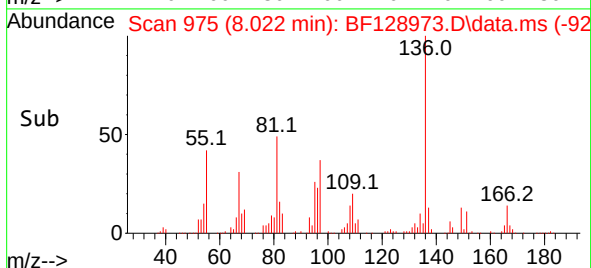
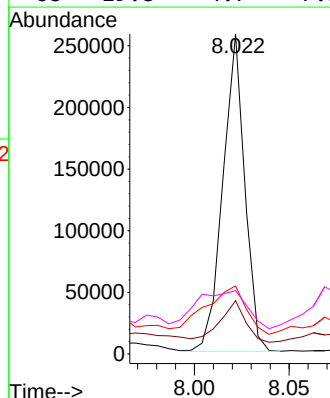
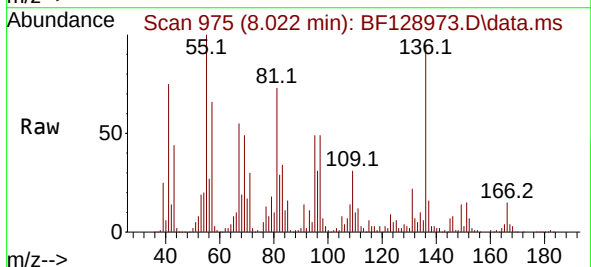
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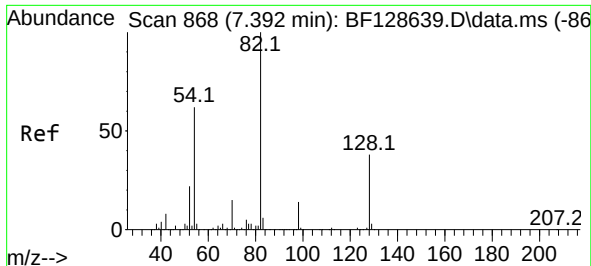
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

Tgt Ion:136 Resp: 207065
Ion Ratio Lower Upper
136 100
137 16.7 8.8 13.2#
54 21.3 7.5 11.3#
68 19.8 4.7 7.1#





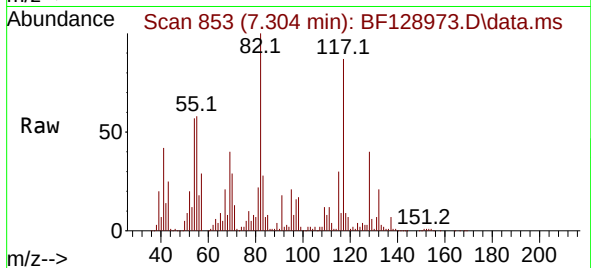
#23
Nitrobenzene-d5
Concen: 88.041 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

Instrument :

BNA_F

ClientSampleId :

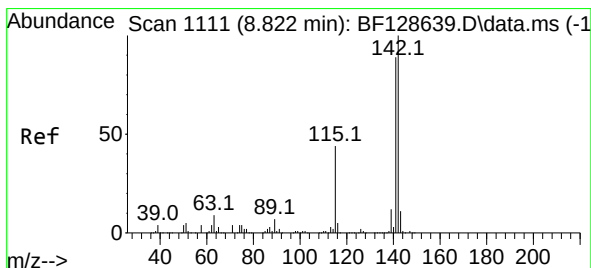
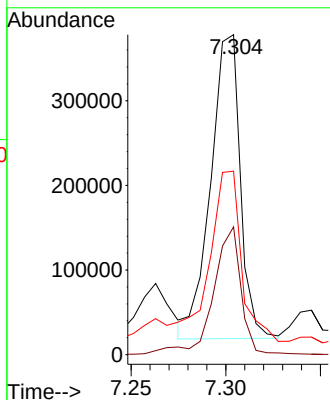
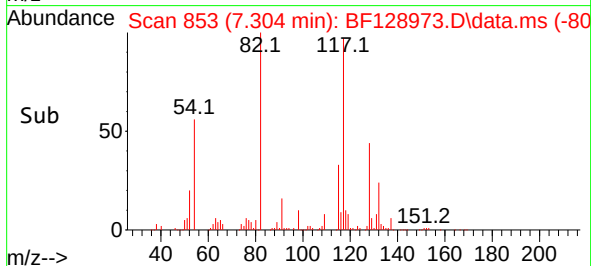
WC-14B-2-3



Tgt Ion: 82 Resp: 391550
Ion Ratio Lower Upper
82 100
128 40.0 34.0 51.0
54 57.4 46.9 70.3

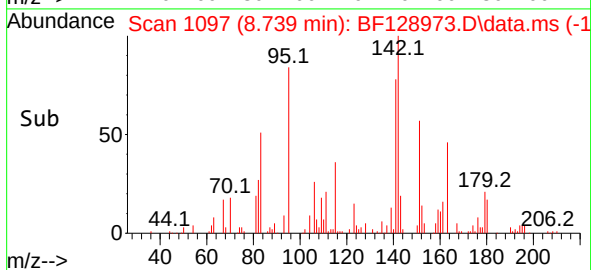
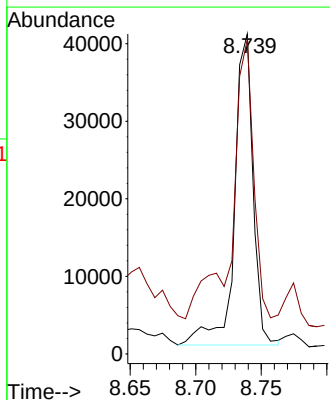
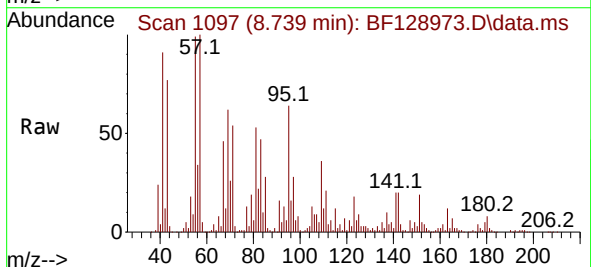
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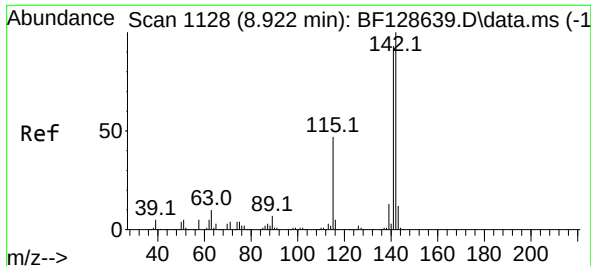
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#37
2-Methylnaphthalene
Concen: 5.892 ng
RT: 8.739 min Scan# 1097
Delta R.T. 0.012 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

Tgt Ion:142 Resp: 39825
Ion Ratio Lower Upper
142 100
141 98.3 71.0 106.4





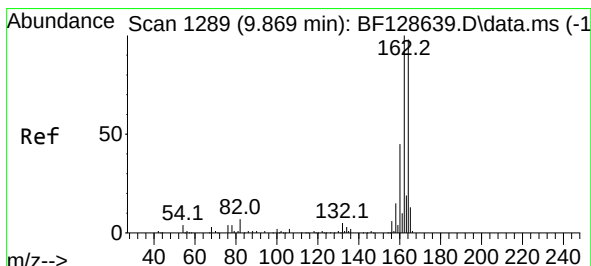
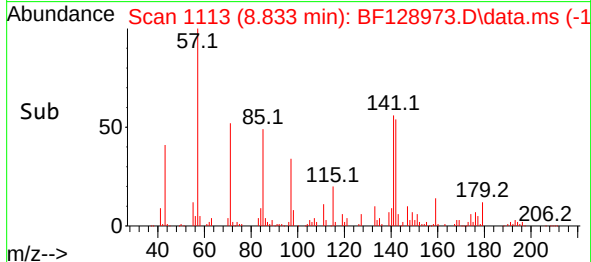
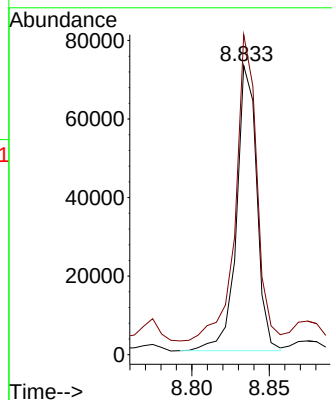
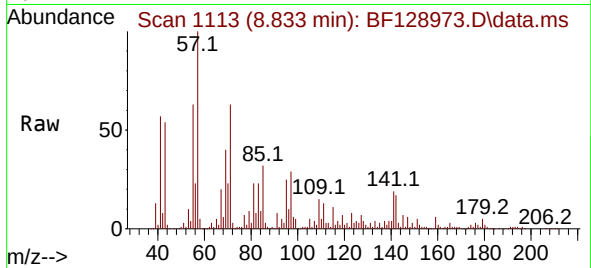
#38
1-Methylnaphthalene
Concen: 10.117 ng
RT: 8.833 min Scan# 1113
Delta R.T. 0.012 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3

Tgt Ion:142 Resp: 66070
Ion Ratio Lower Upper
142 100
141 110.7 74.2 111.4

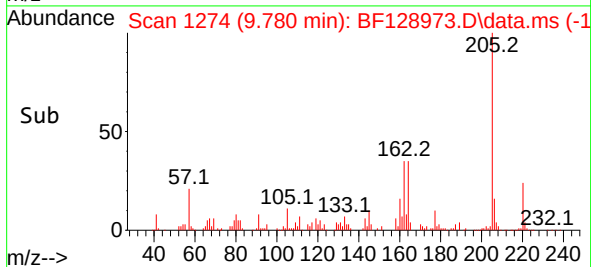
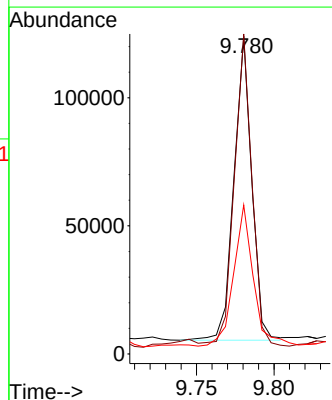
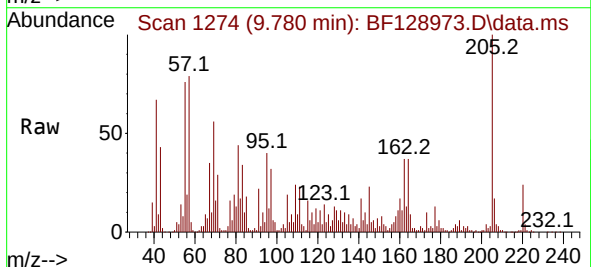
Manual Integrations
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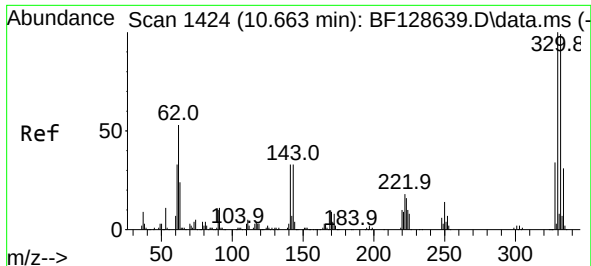
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1274
Delta R.T. 0.012 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

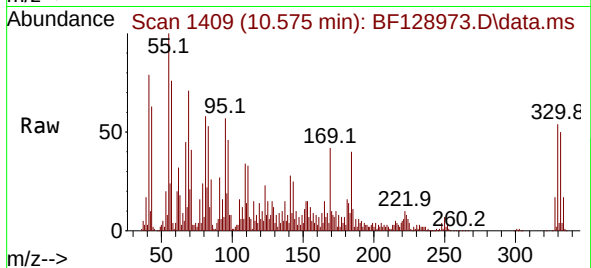
Tgt Ion:164 Resp: 94531
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 46.9 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 88.076 ng
RT: 10.575 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

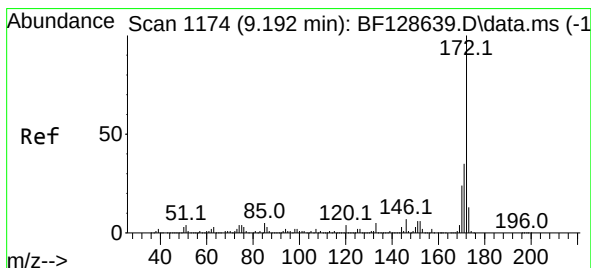
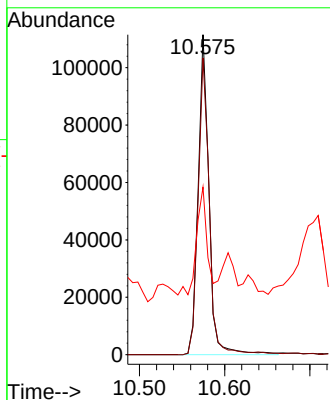
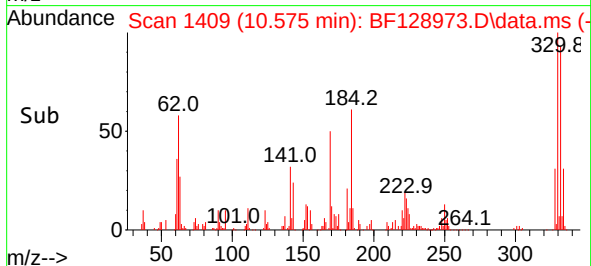
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3



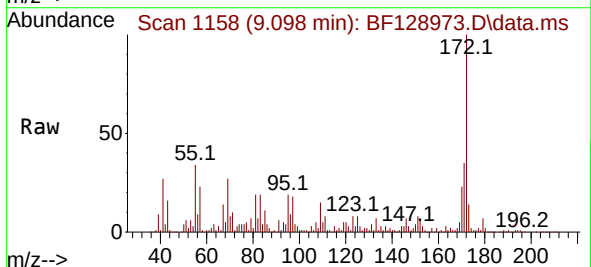
Tgt Ion: 330 Resp: 98375
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 32.1 28.0 42.0

Manual Integrations
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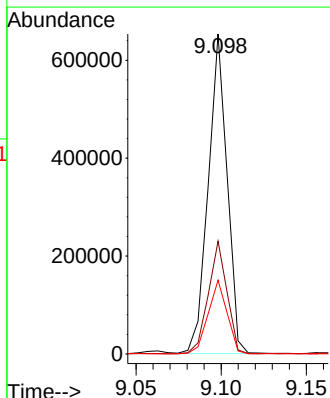
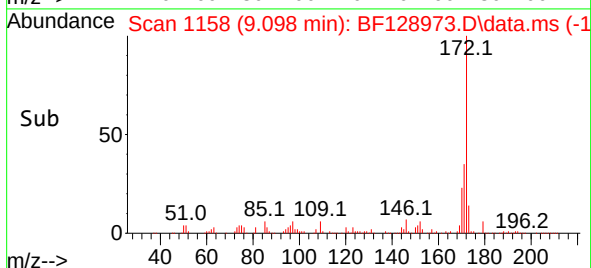
Reviewed By : Christian Giraldo 06/24/2022
Supervised By : Jagrut Upadhyay 06/28/2022

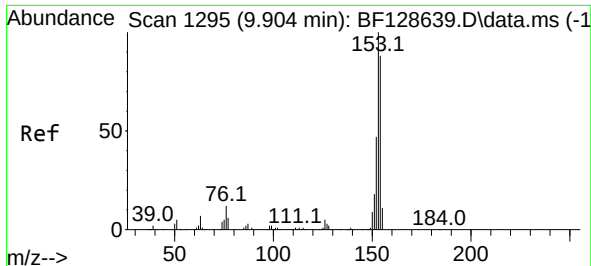


#45
2-Fluorobiphenyl
Concen: 74.640 ng
RT: 9.098 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27



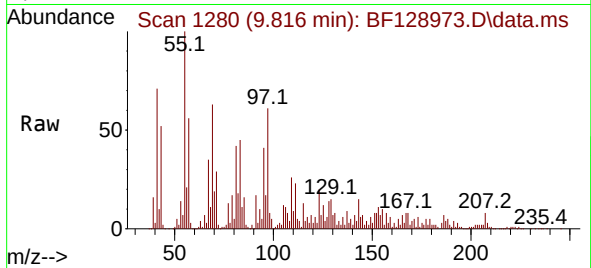
Tgt Ion: 172 Resp: 503699
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.1 19.8 29.8





#52
Acenaphthene
Concen: 3.489 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

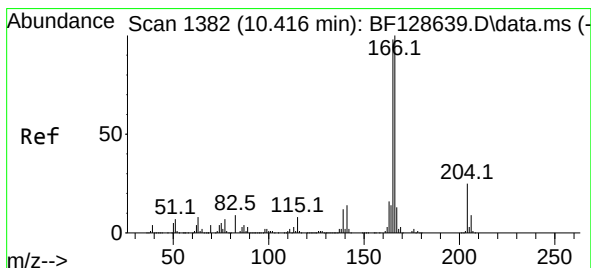
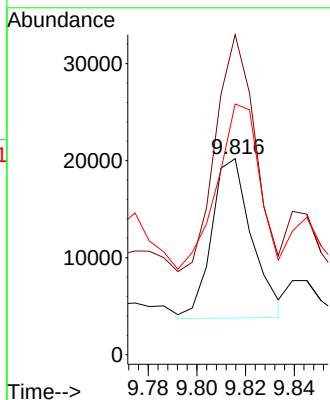
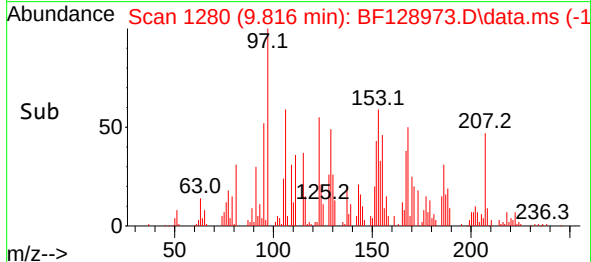
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3



Tgt Ion:154 Resp: 1882
Ion Ratio Lower Upper
154 100
153 163.3 89.6 134.4
152 127.9 42.4 63.6

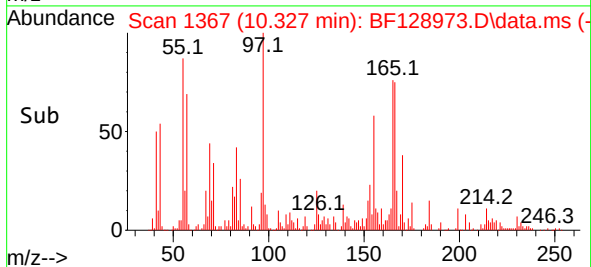
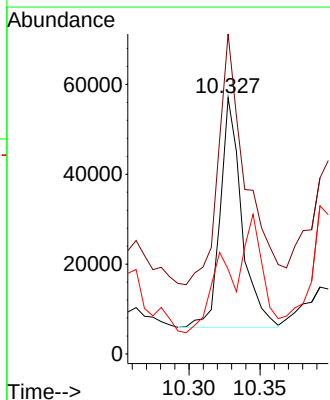
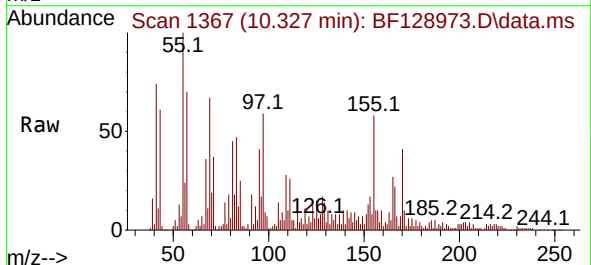
Manual Integrations
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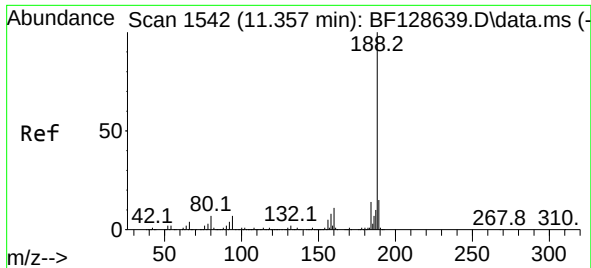
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#58
Fluorene
Concen: 8.961 ng
RT: 10.327 min Scan# 1367
Delta R.T. 0.012 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

Tgt Ion:166 Resp: 53892
Ion Ratio Lower Upper
166 100
165 124.8 78.1 117.1#
167 33.0 10.5 15.7#





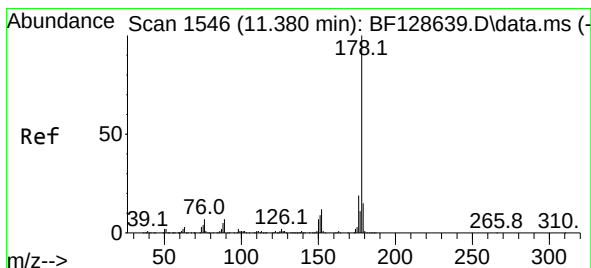
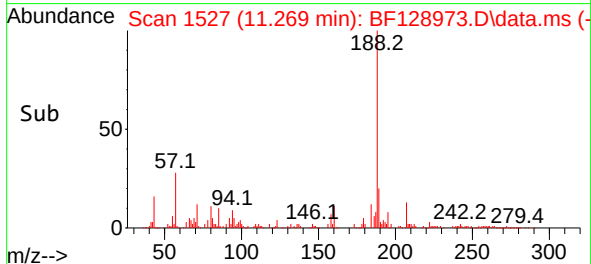
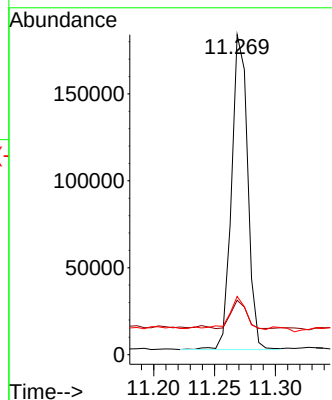
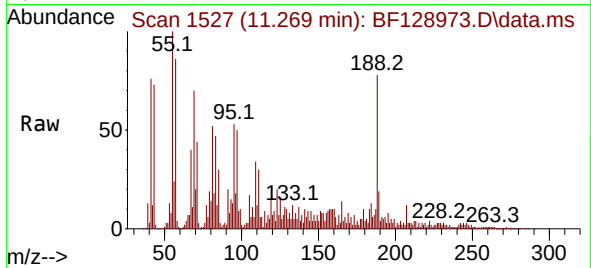
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3

Tgt Ion:188 Resp: 166778
Ion Ratio Lower Upper
188 100
94 17.0 7.0 10.6
80 18.2 7.6 11.4

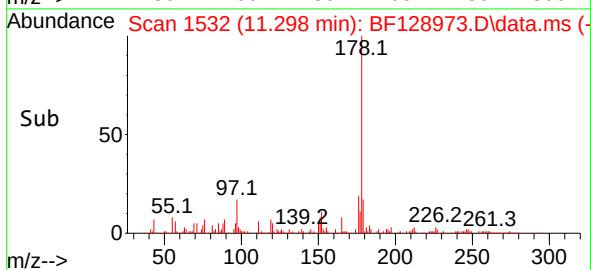
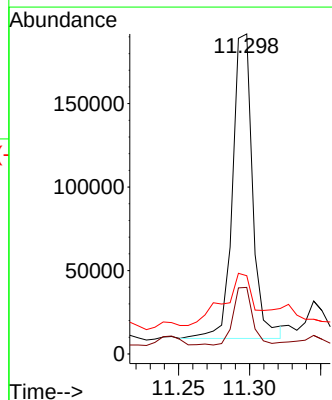
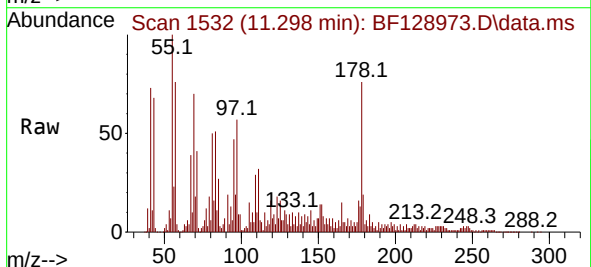
Manual Integrations
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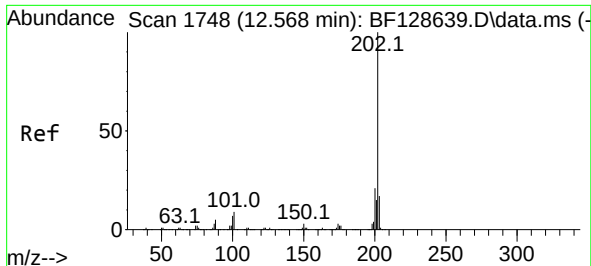
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#71
Phenanthrene
Concen: 21.540 ng
RT: 11.298 min Scan# 1532
Delta R.T. 0.018 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

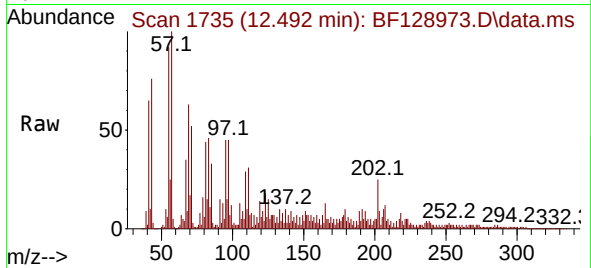
Tgt Ion:178 Resp: 180190
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 24.4 12.6 19.0





#75
Fluoranthene
Concen: 5.026 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

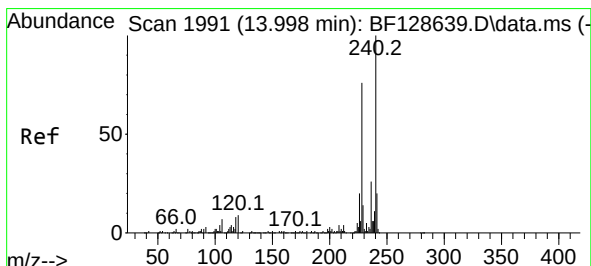
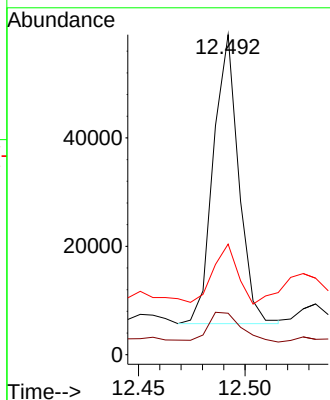
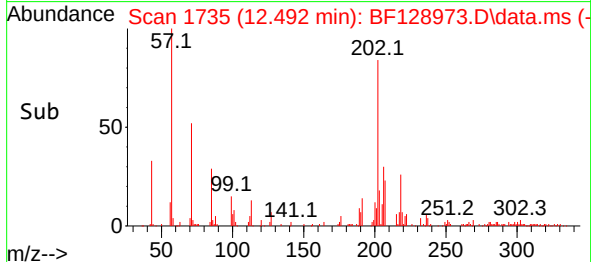
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3



Tgt Ion:202 Resp: 4394
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.4
203 34.5 0.0 38.0

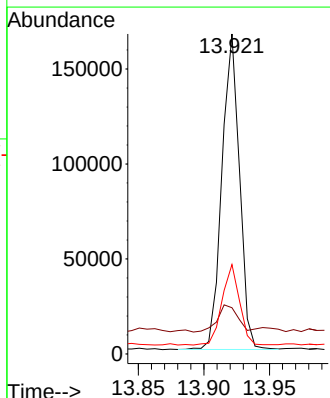
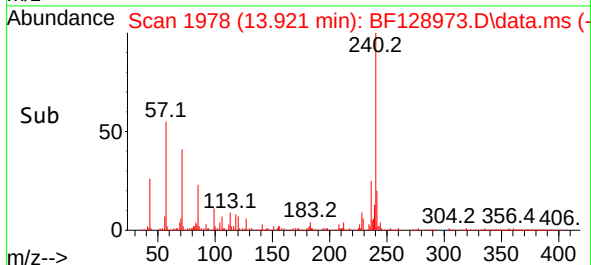
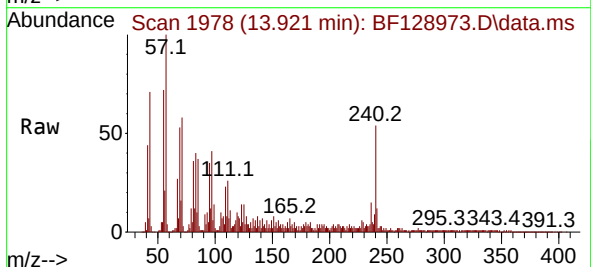
Manual Integrations
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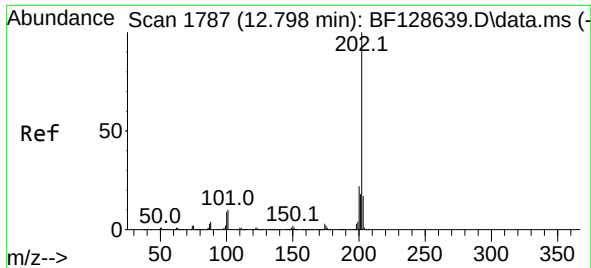
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1978
Delta R.T. 0.023 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

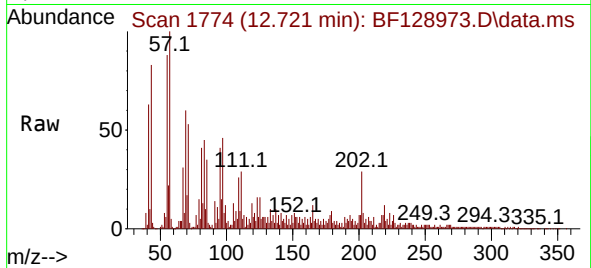
Tgt Ion:240 Resp: 154526
Ion Ratio Lower Upper
240 100
120 14.5 8.9 13.3#
236 27.9 20.8 31.2





#78
 Pyrene
 Concen: 6.620 ng
 RT: 12.721 min Scan# 1774
 Delta R.T. 0.023 min
 Lab File: BF128973.D
 Acq: 24 Jun 2022 01:27

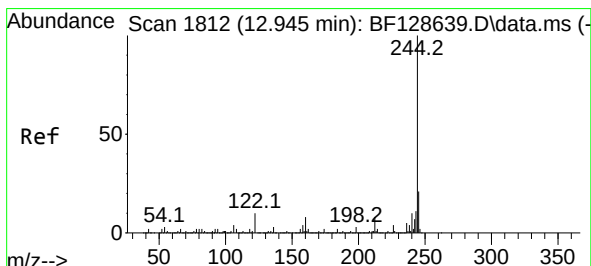
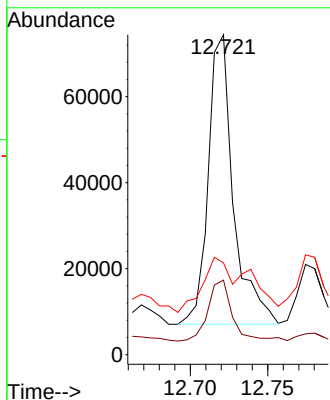
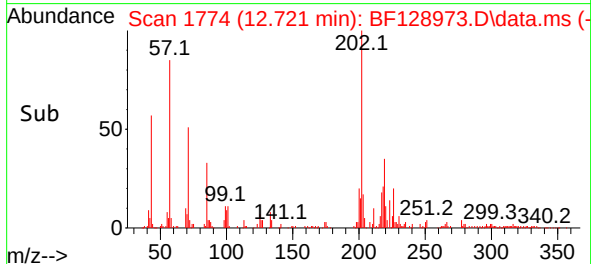
Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-3



Tgt Ion:202 Resp: 76100
 Ion Ratio Lower Upper
 202 100
 200 23.3 17.7 26.5
 203 28.7 14.6 21.8

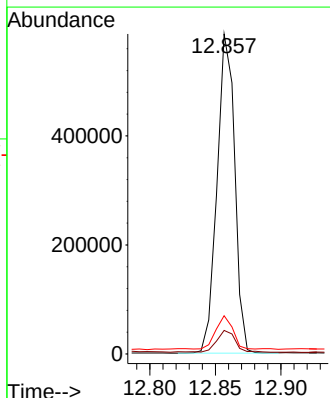
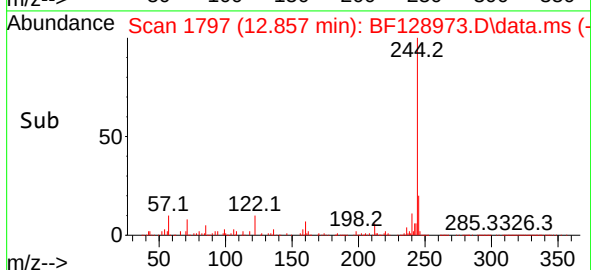
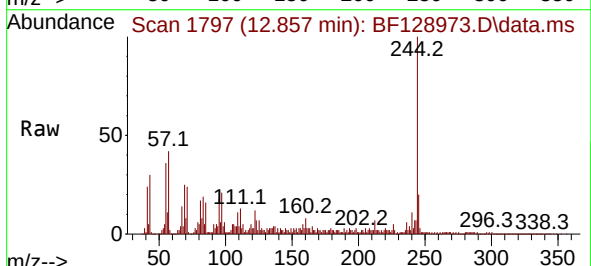
Manual Integrations
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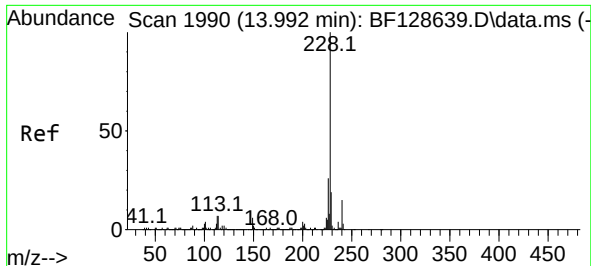
Reviewed By :Christian Giraldo 06/24/2022
 Supervised By :Jagrut Upadhyay 06/28/2022



#79
 Terphenyl-d14
 Concen: 61.699 ng
 RT: 12.857 min Scan# 1797
 Delta R.T. 0.018 min
 Lab File: BF128973.D
 Acq: 24 Jun 2022 01:27

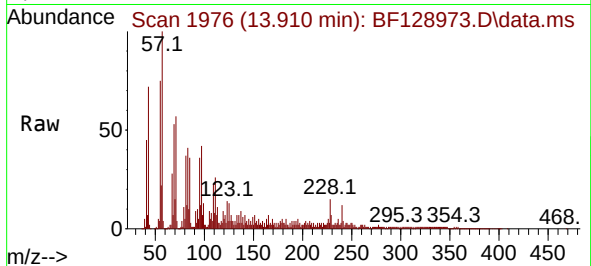
Tgt Ion:244 Resp: 548683
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 11.9 8.8 13.2





#81
Benzo(a)anthracene
Concen: 4.524 ng
RT: 13.910 min Scan# 1976
Delta R.T. 0.023 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

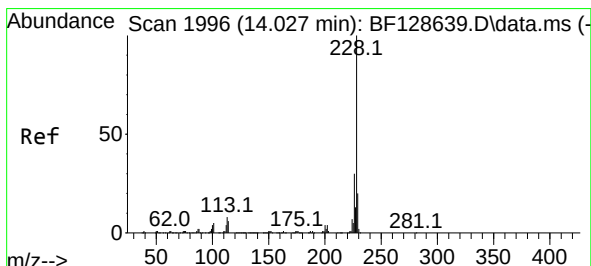
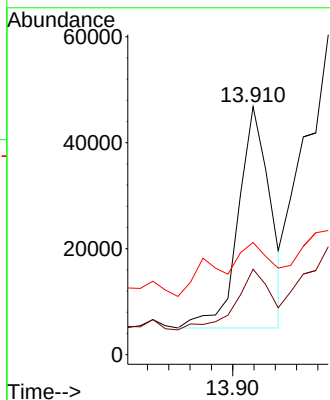
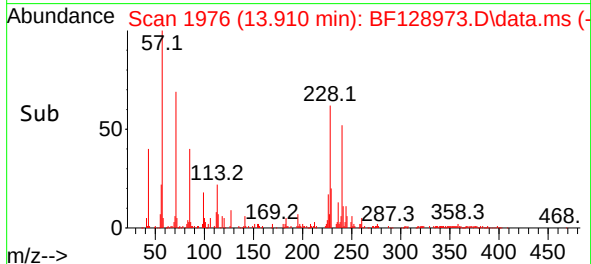
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3



Tgt Ion:228 Resp: 43578
Ion Ratio Lower Upper
228 100
226 34.5 22.1 33.1
229 45.2 15.8 23.8

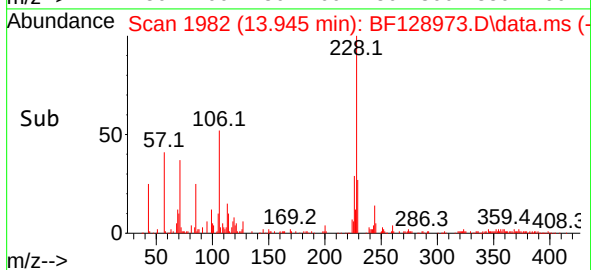
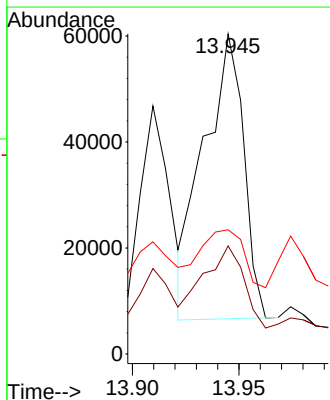
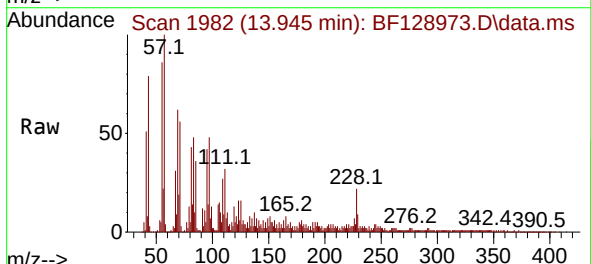
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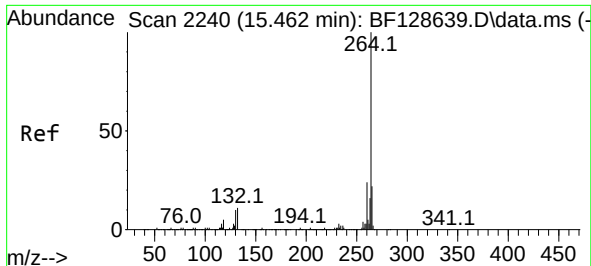
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#83
Chrysene
Concen: 7.610 ng
RT: 13.945 min Scan# 1982
Delta R.T. 0.018 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

Tgt Ion:228 Resp: 69879
Ion Ratio Lower Upper
228 100
226 33.7 24.3 36.5
229 38.8 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2154
Delta R.T. 0.047 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

Instrument :

BNA_F

ClientSampleId :

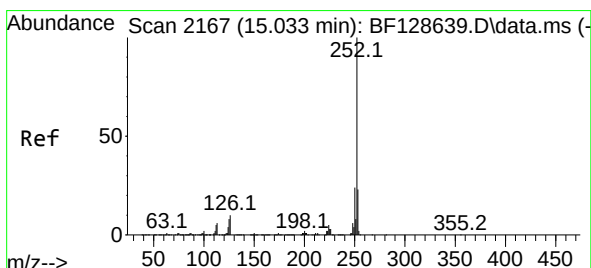
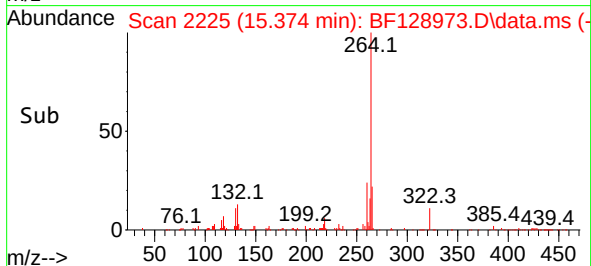
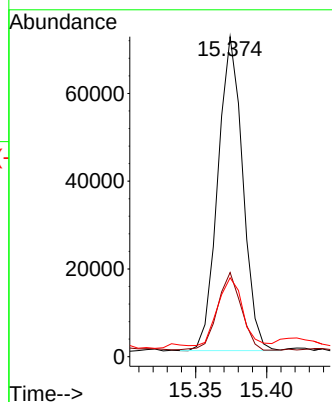
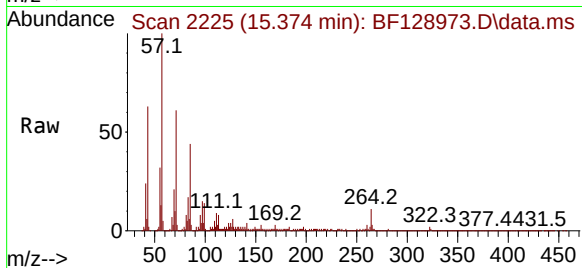
WC-14B-2-3

Tgt Ion:264 Resp: 87012
Ion Ratio Lower Upper
264 100
260 26.3 18.4 27.6
265 24.7 17.2 25.8

Manual Integrations

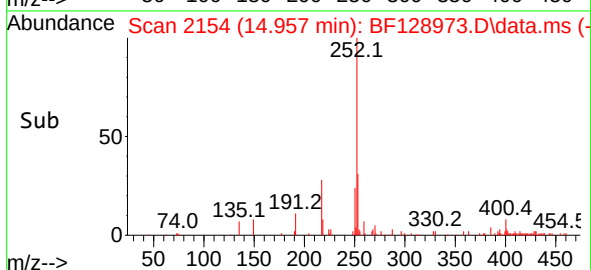
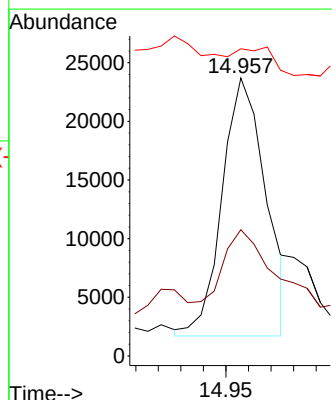
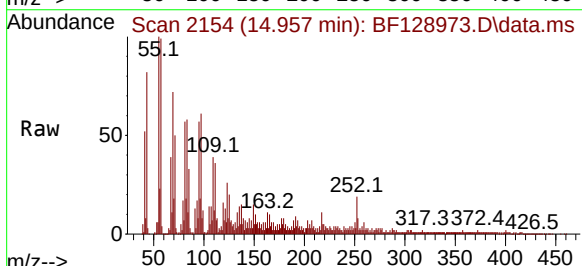
APPROVED

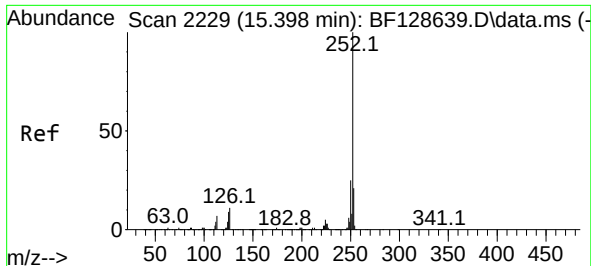
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#88
Benzo(b)fluoranthene
Concen: 5.341 ng m
RT: 14.957 min Scan# 2154
Delta R.T. 0.035 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

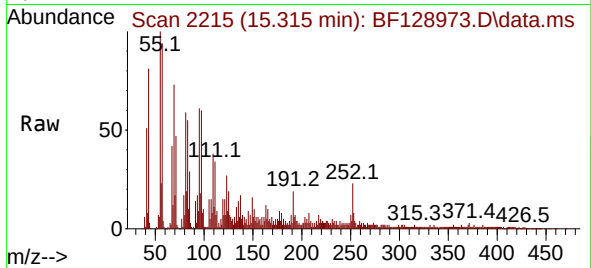
Tgt Ion:252 Resp: 29698
Ion Ratio Lower Upper
252 100
253 45.4 17.7 26.5#
125 110.5 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 6.865 ng m
RT: 15.315 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27

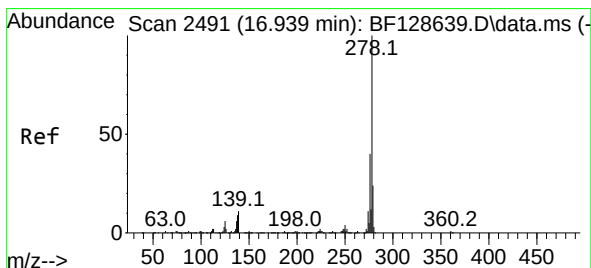
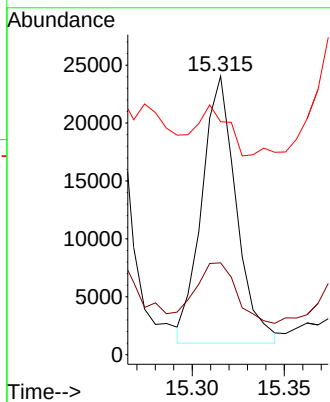
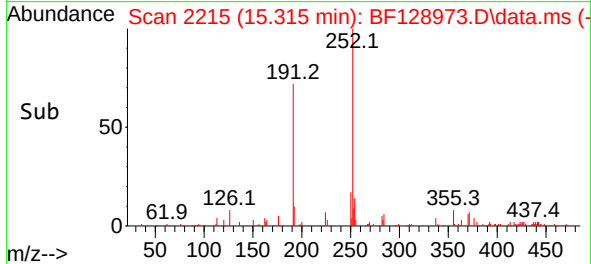
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3



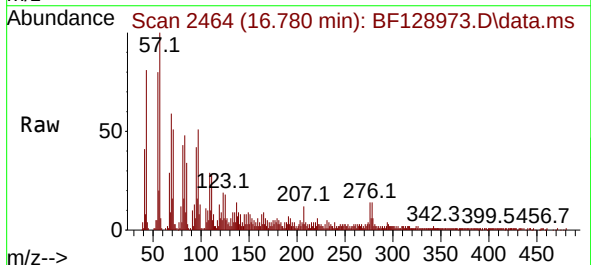
Tgt Ion:252 Resp: 2998
Ion Ratio Lower Upper
252 100
253 33.0 17.0 25.6
125 83.6 8.8 13.2

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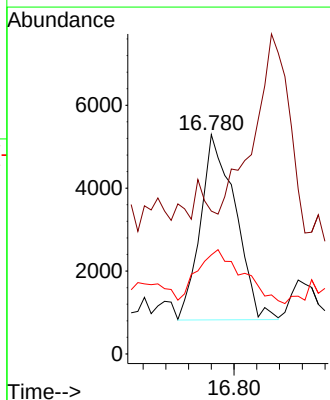
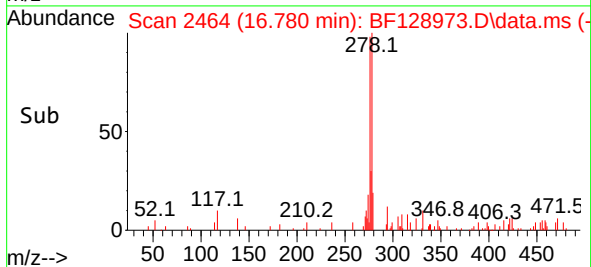
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

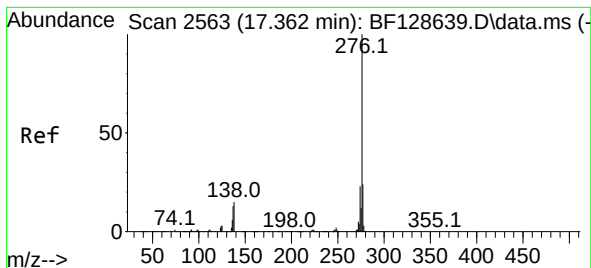


#91
Dibenzo(a,h)anthracene
Concen: 2.189 ng
RT: 16.780 min Scan# 2464
Delta R.T. 0.029 min
Lab File: BF128973.D
Acq: 24 Jun 2022 01:27



Tgt Ion:278 Resp: 9524
Ion Ratio Lower Upper
278 100
139 65.1 12.8 19.2#
279 45.1 18.6 28.0#





#92

Benzo(g,h,i)perylene

Concen: 5.651 ng

RT: 17.221 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF128973.D

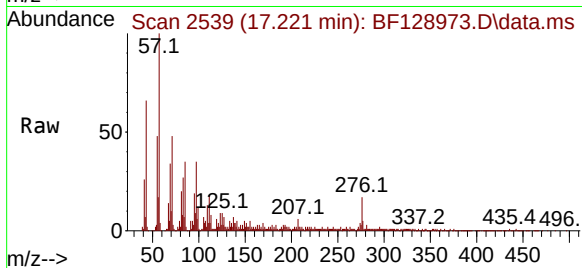
Acq: 24 Jun 2022 01:27

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-3



Tgt Ion:276 Resp: 2436

Ion Ratio Lower Upper

276 100

277 28.0 19.1 28.7

138 24.4 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022

Supervised By :Jagrut Upadhyay 06/28/2022

