

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128915.D
 Acq On : 21 Jun 2022 23:51
 Operator : CG\JU
 Sample : N3420-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMC-CON-0620

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022

Quant Time: Jun 22 01:57:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	95918	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	343755	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	171327	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	258779	20.000	ng	0.00
76) Chrysene-d12	13.921	240	205866	20.000	ng	# 0.00
86) Perylene-d12	15.362	264	148880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	77512	12.872	ng	0.00
7) Phenol-d6	6.410	99	363681	49.476	ng	0.00
23) Nitrobenzene-d5	7.322	82	384880	52.129	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	997	0.493	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	706717	57.782	ng	0.00
79) Terphenyl-d14	12.863	244	614907	51.902	ng	0.00
Target Compounds						
						Qvalue
52) Acenaphthene	9.822	154	21626	2.211	ng	97
71) Phenanthrene	11.298	178	57709	4.446	ng	99
75) Fluoranthene	12.492	202	51827	3.820	ng	96
78) Pyrene	12.721	202	46111	3.011	ng	97
83) Chrysene	13.945	228	25032	2.046	ng	# 95
88) Benzo(b)fluoranthene	14.945	252	22466m	2.362	ng	

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

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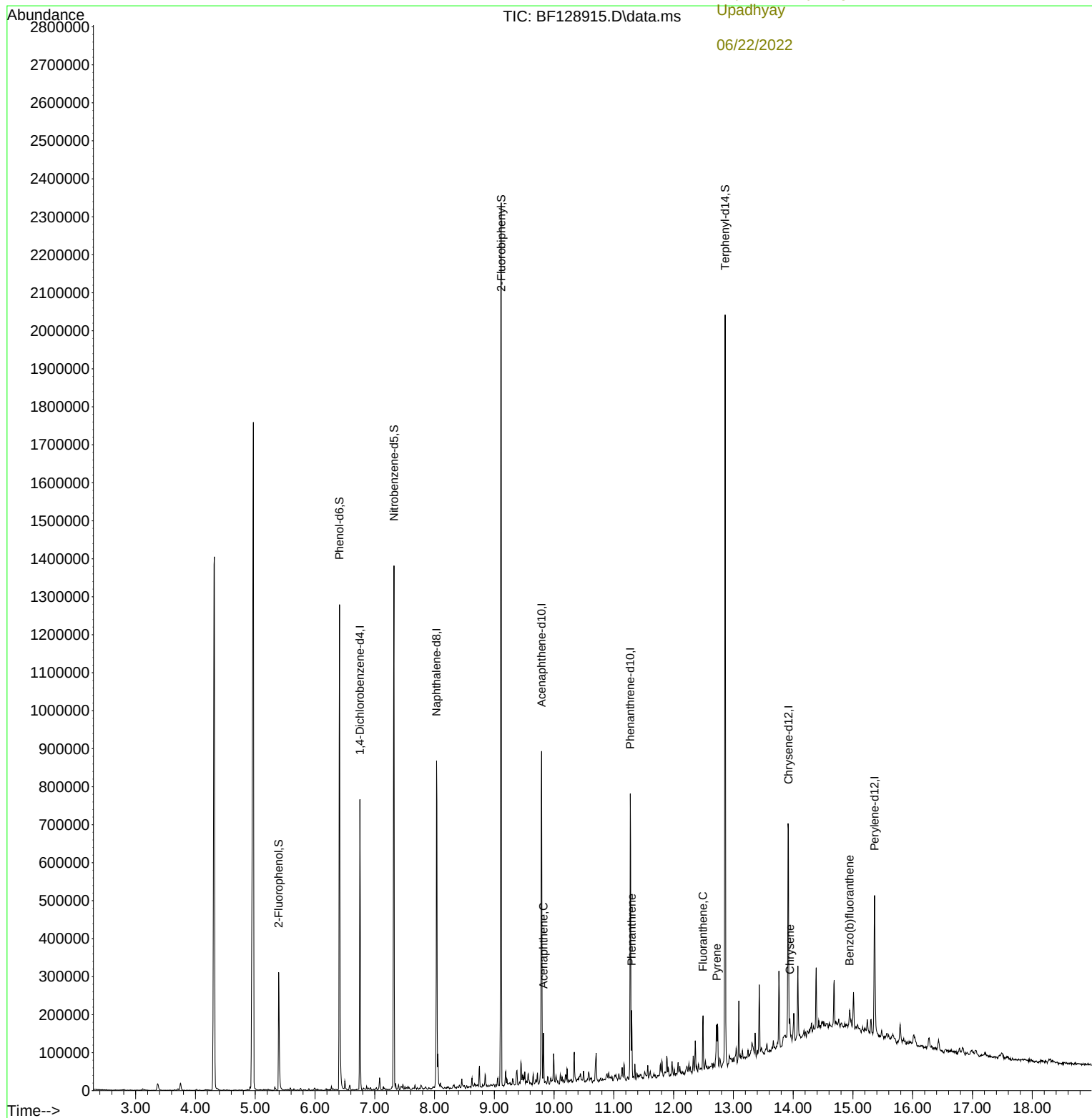
Manual Integrations
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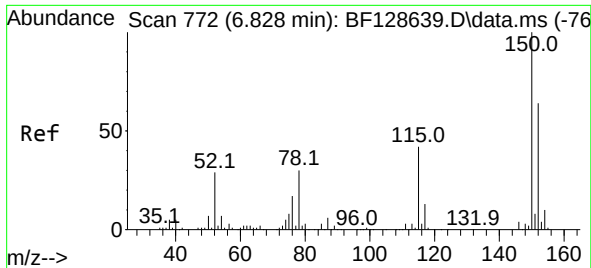
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

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06/22/2022
Supervised By :Jagrut
Upadhyay

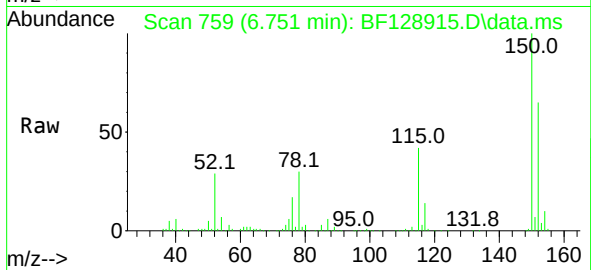
06/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

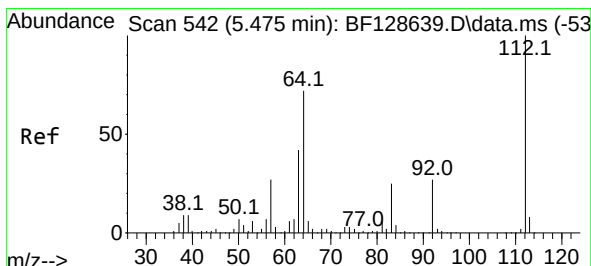
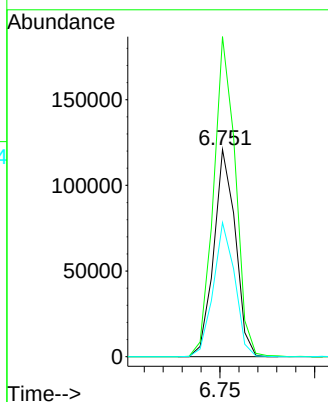
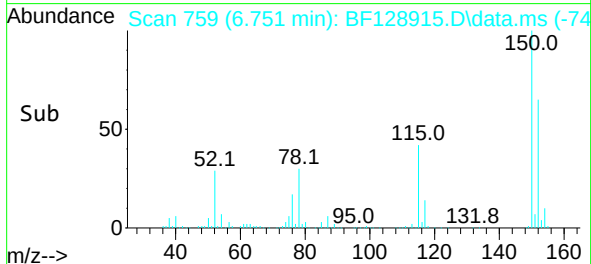
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620



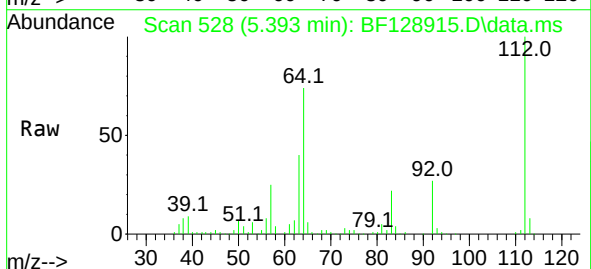
Tgt Ion:152 Resp: 95918
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 64.7 49.9 74.9

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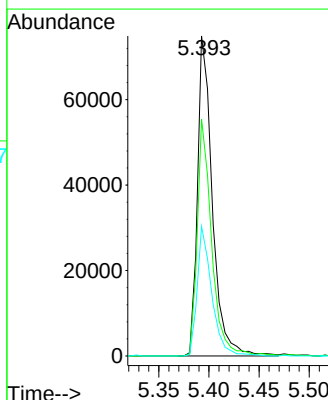
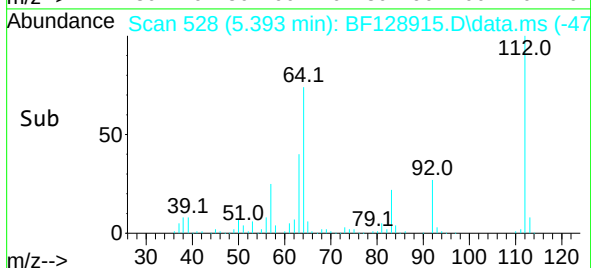
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

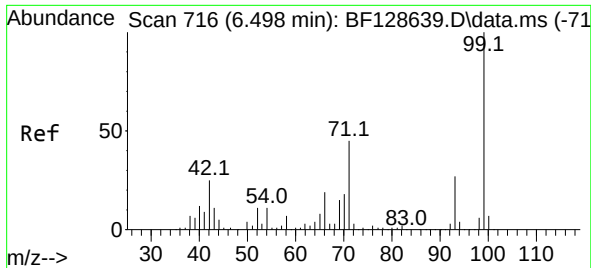


#5
2-Fluorophenol
Concen: 12.872 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51



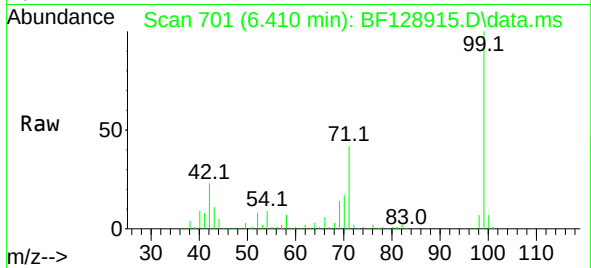
Tgt Ion:112 Resp: 77512
Ion Ratio Lower Upper
112 100
64 74.1 53.3 79.9
63 40.5 28.0 42.0





#7
Phenol-d6
Concen: 49.476 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

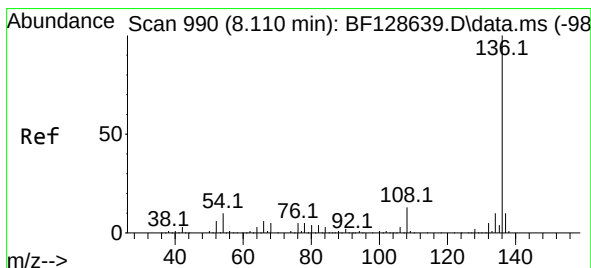
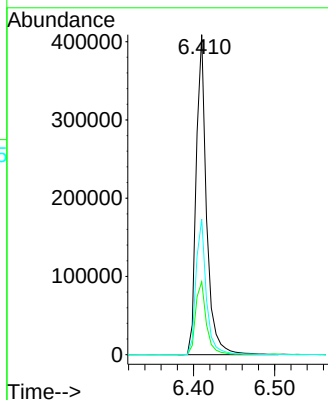
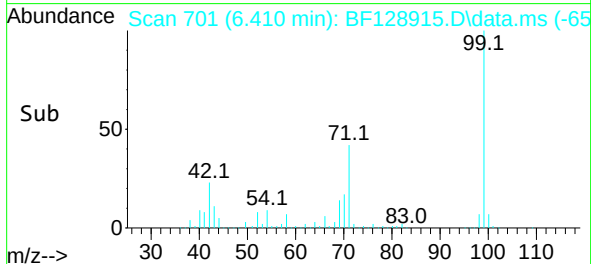
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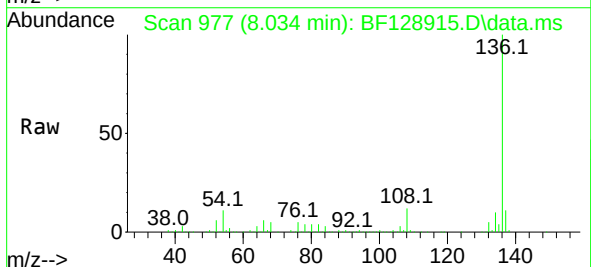
Tgt Ion: 99 Resp: 36368
Ion Ratio Lower Upper
99 100
42 22.8 17.3 25.9
71 42.3 28.9 43.3

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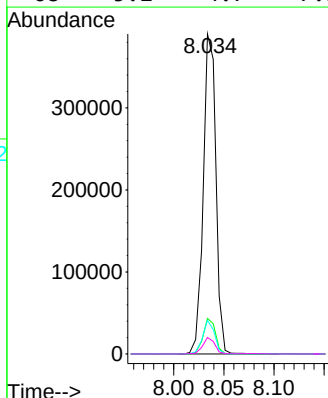
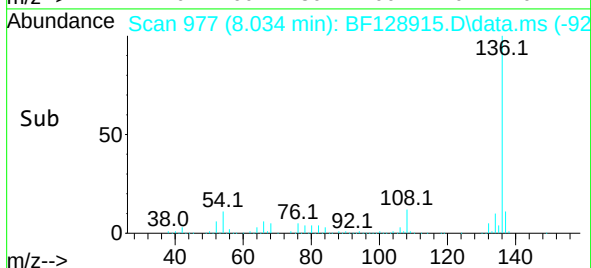
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

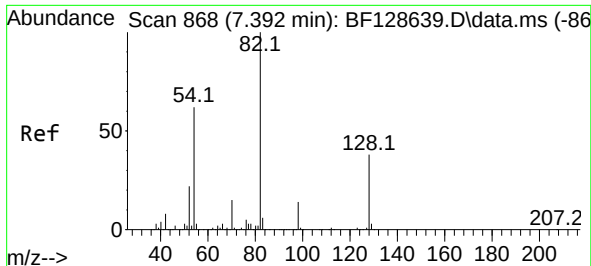


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 977
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51



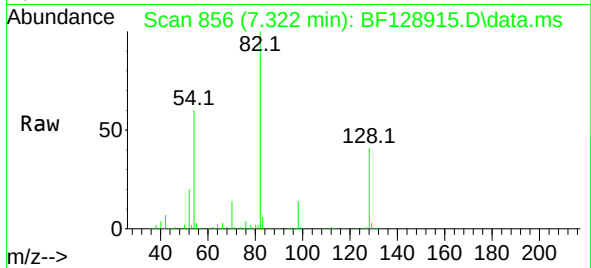
Tgt Ion:136 Resp: 343755
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.5 7.5 11.3
68 5.2 4.7 7.1





#23
Nitrobenzene-d5
Concen: 52.129 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

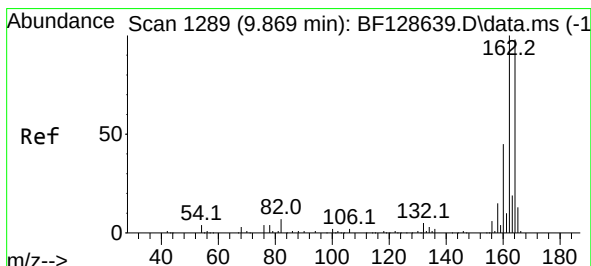
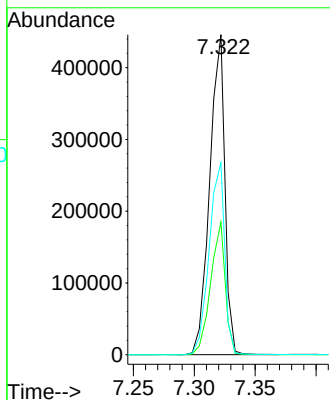
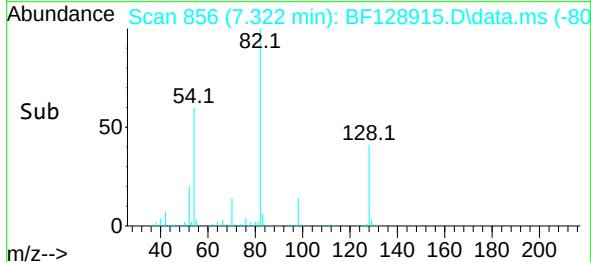
Instrument :
BNA_F
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MMC-CON-0620



Tgt Ion: 82 Resp: 384880
Ion Ratio Lower Upper
82 100
128 41.4 34.0 51.0
54 60.0 46.9 70.3

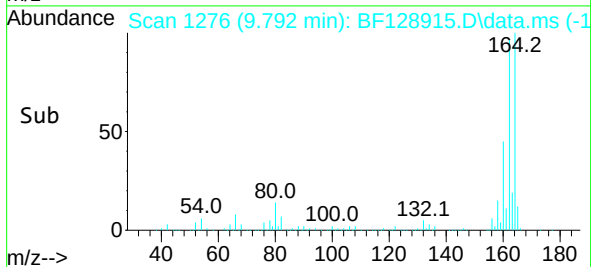
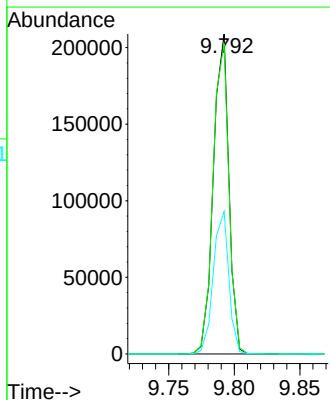
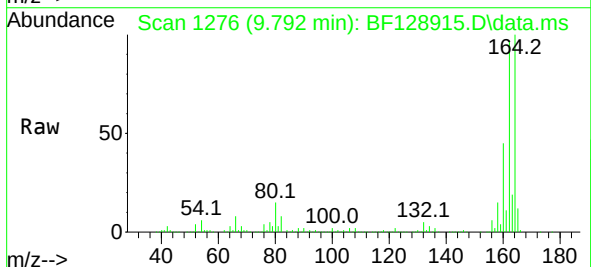
Manual Integrations
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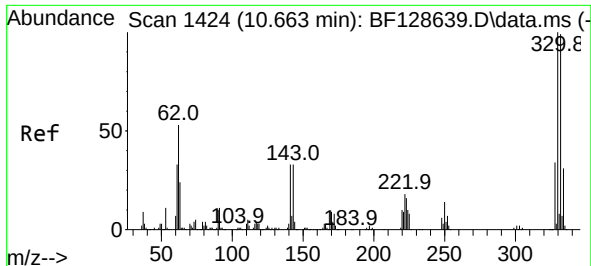
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

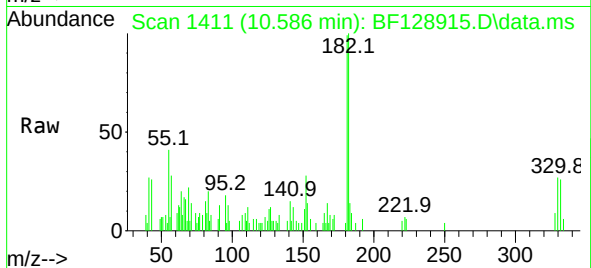
Tgt Ion:164 Resp: 171327
Ion Ratio Lower Upper
164 100
162 97.0 79.5 119.3
160 44.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 0.493 ng
RT: 10.586 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

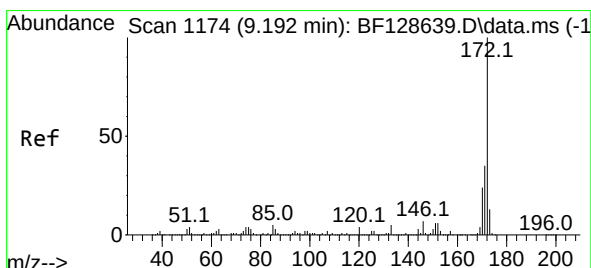
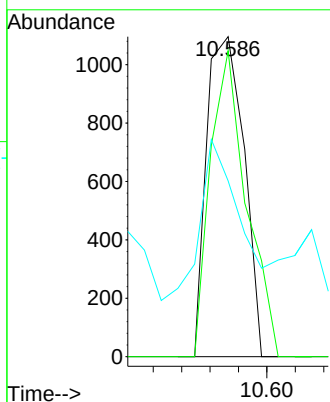
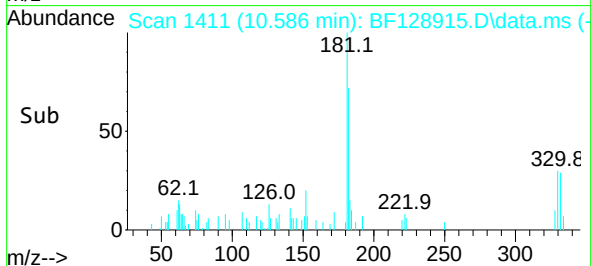
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620



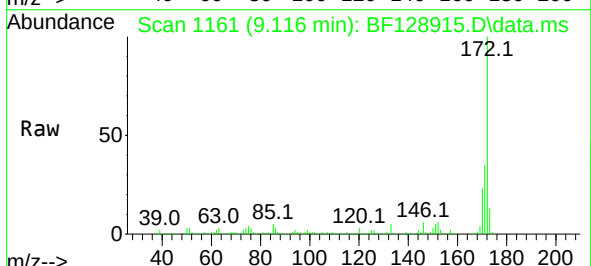
Tgt Ion: 330 Resp: 997
Ion Ratio Lower Upper
330 100
332 93.0 76.8 115.2
141 52.1 28.0 42.0

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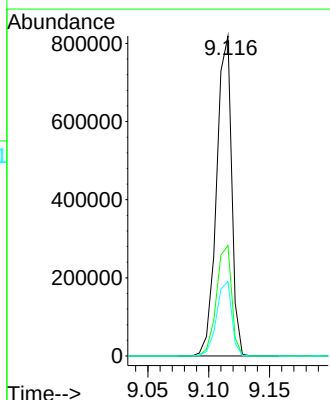
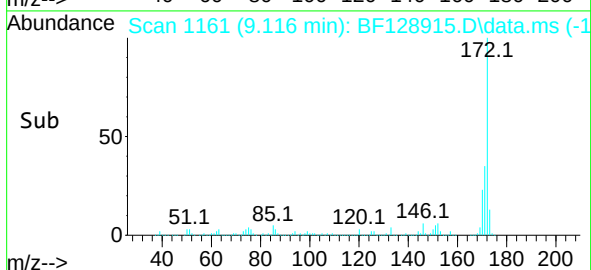
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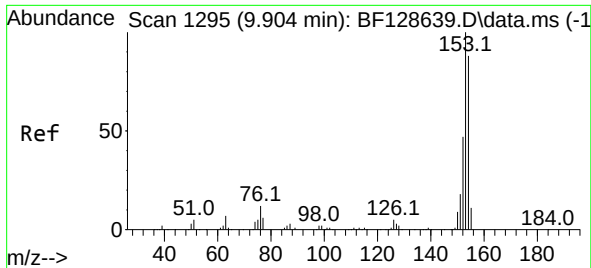


#45
2-Fluorobiphenyl
Concen: 57.782 ng
RT: 9.116 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51



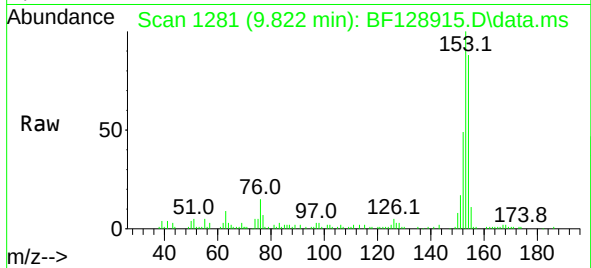
Tgt Ion: 172 Resp: 706717
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 23.3 19.8 29.8





#52
Acenaphthene
Concen: 2.211 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

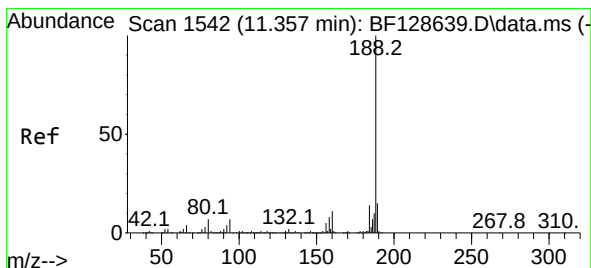
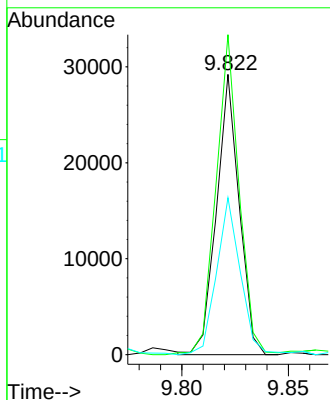
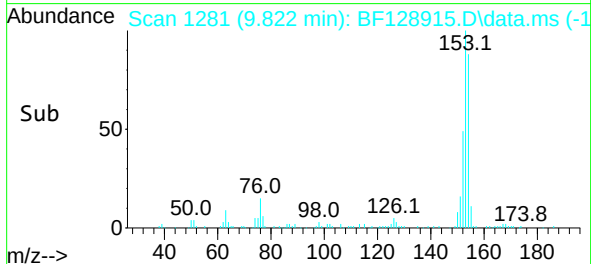
Instrument :
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ClientSampleId :
MMC-CON-0620



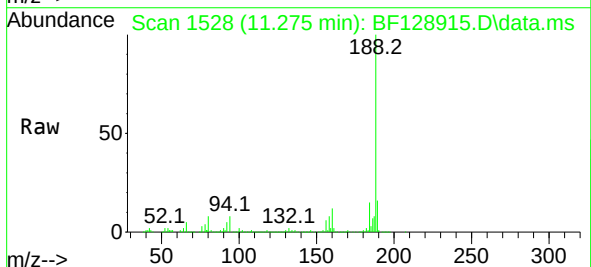
Tgt Ion:154 Resp: 21620
Ion Ratio Lower Upper
154 100
153 114.2 89.6 134.4
152 56.0 42.4 63.6

Manual Integrations
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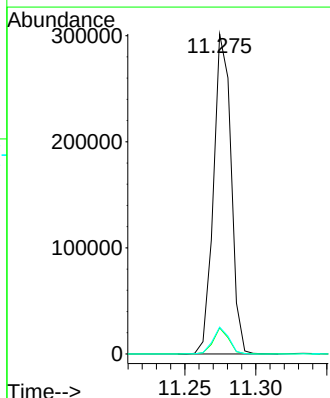
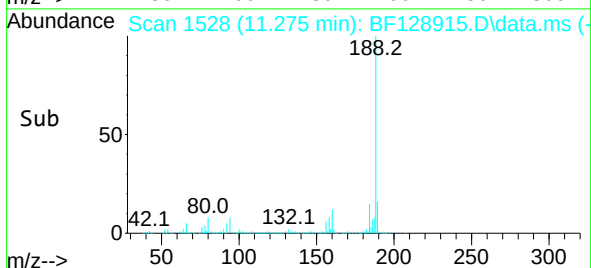
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

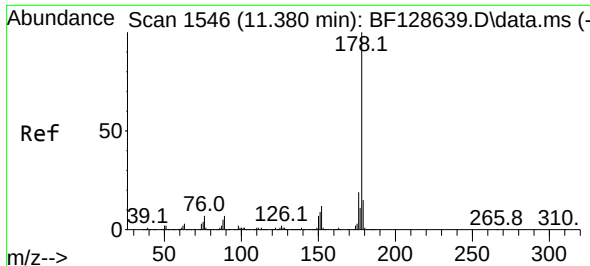


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51



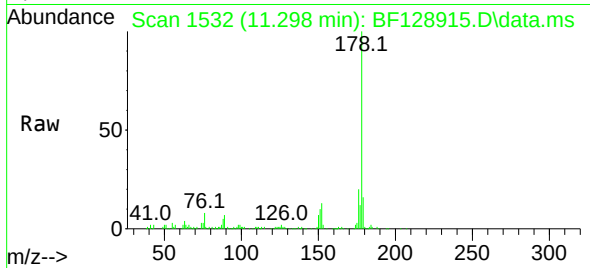
Tgt Ion:188 Resp: 258779
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.4 7.6 11.4





#71
Phenanthrene
Concen: 4.446 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

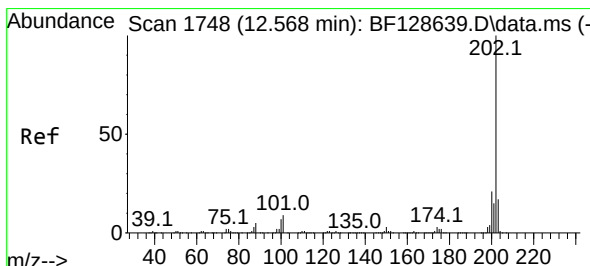
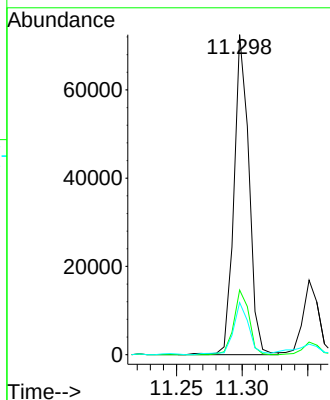
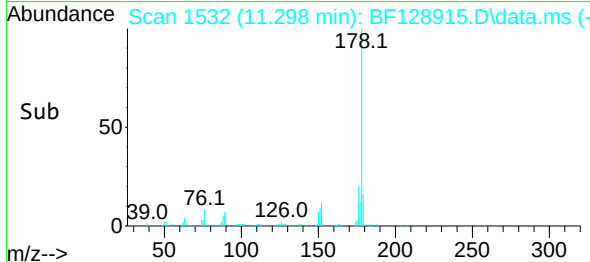
Instrument :
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MMC-CON-0620



Tgt Ion:178 Resp: 57709
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.3 12.6 19.0

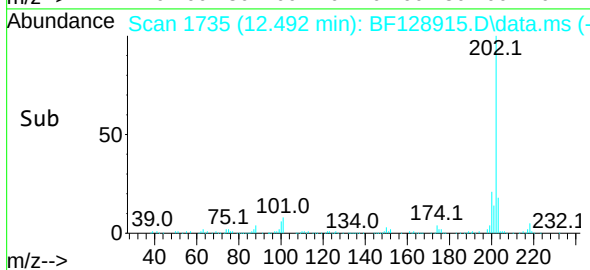
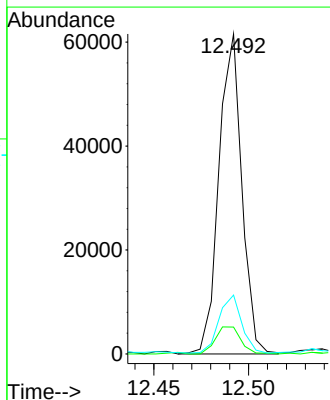
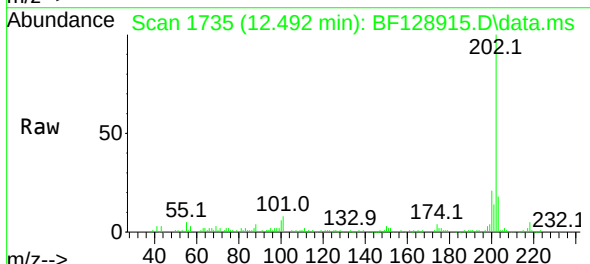
Manual Integrations
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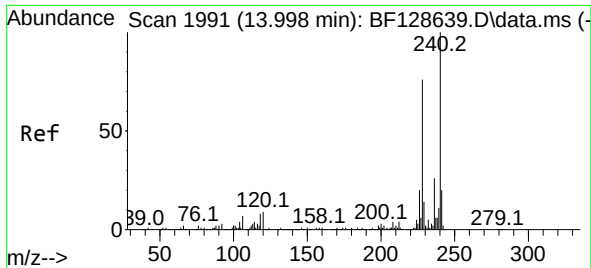
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#75
Fluoranthene
Concen: 3.820 ng
RT: 12.492 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

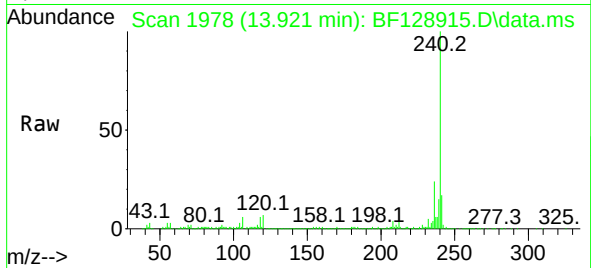
Tgt Ion:202 Resp: 51827
Ion Ratio Lower Upper
202 100
101 8.4 0.0 31.4
203 18.4 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

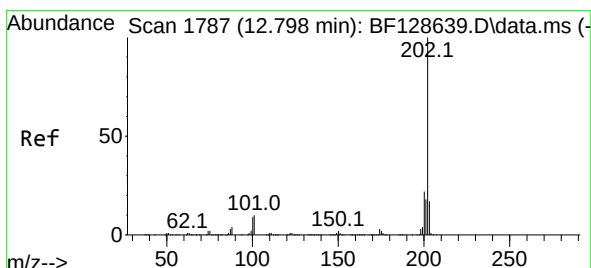
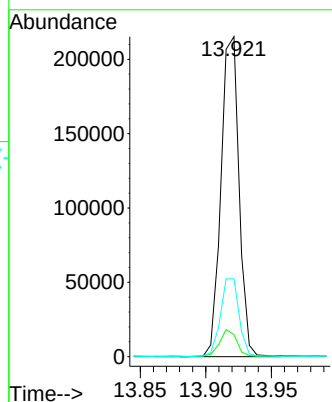
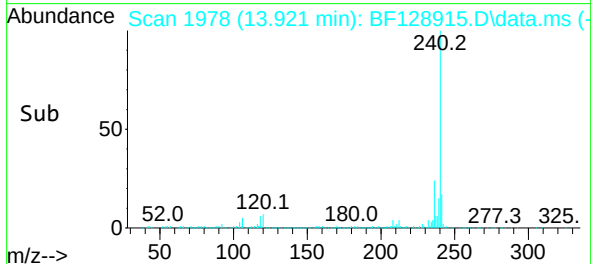
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620



Tgt Ion:240 Resp: 205860
Ion Ratio Lower Upper
240 100
120 6.9 8.9 13.3
236 24.4 20.8 31.2

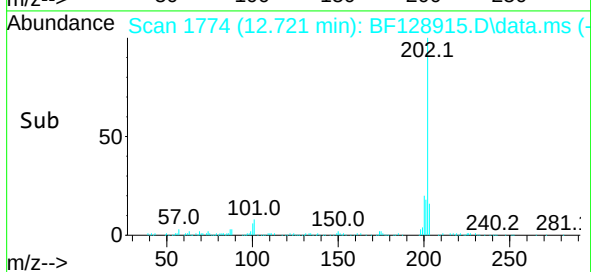
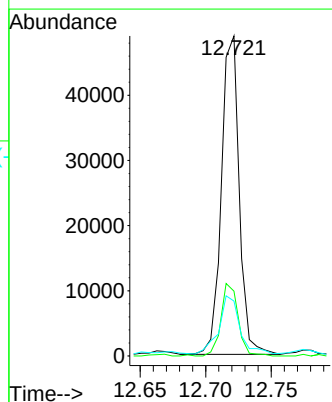
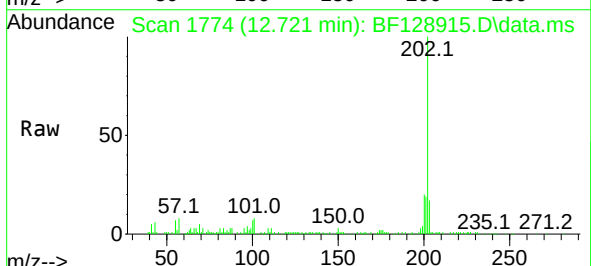
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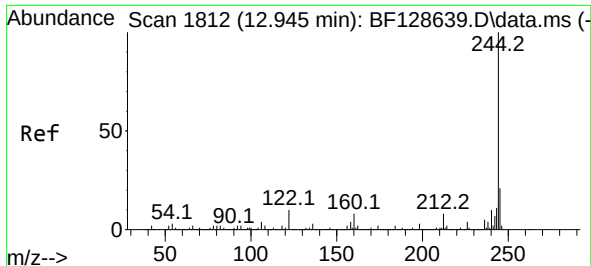
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#78
Pyrene
Concen: 3.011 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

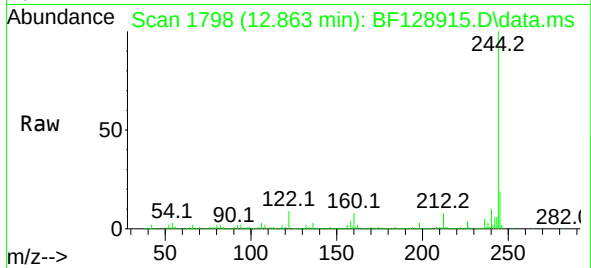
Tgt Ion:202 Resp: 46111
Ion Ratio Lower Upper
202 100
200 20.3 17.7 26.5
203 17.2 14.6 21.8





#79
Terphenyl-d14
Concen: 51.902 ng
RT: 12.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

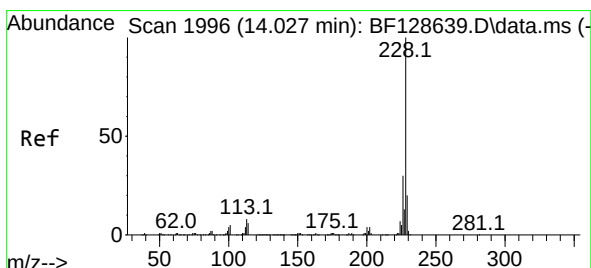
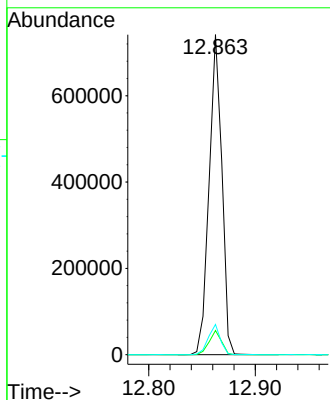
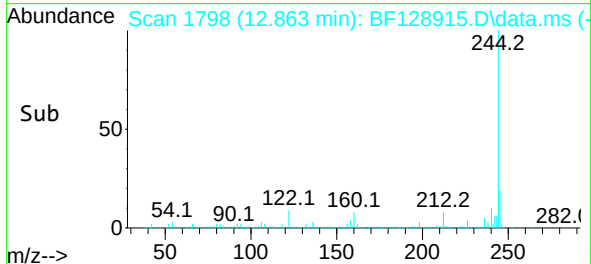
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620



Tgt Ion:244 Resp: 61490
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 9.5 8.8 13.2

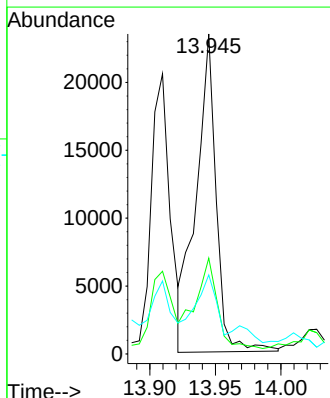
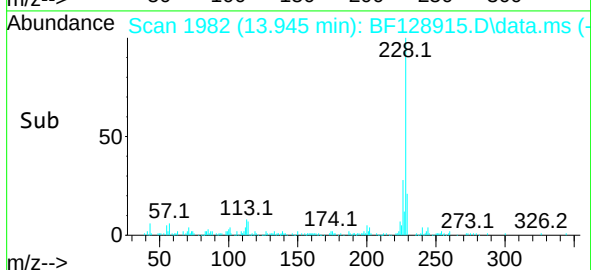
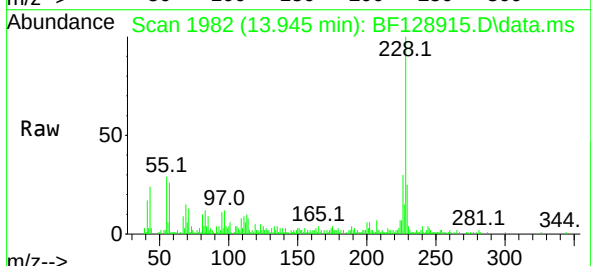
Manual Integrations
APPROVED

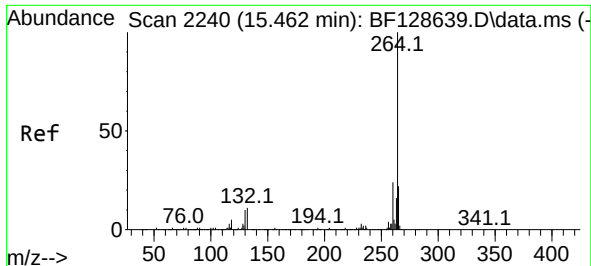
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#83
Chrysene
Concen: 2.046 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

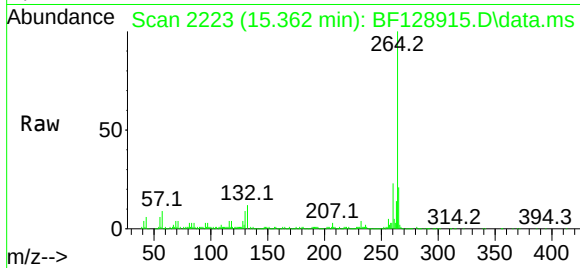
Tgt Ion:228 Resp: 25032
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 24.7 15.9 23.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.362 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51

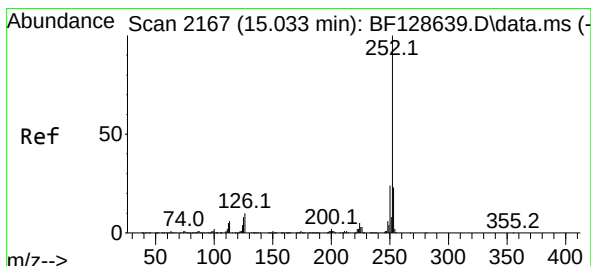
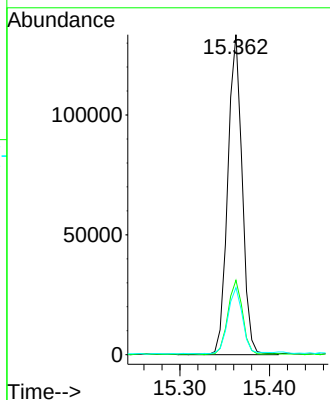
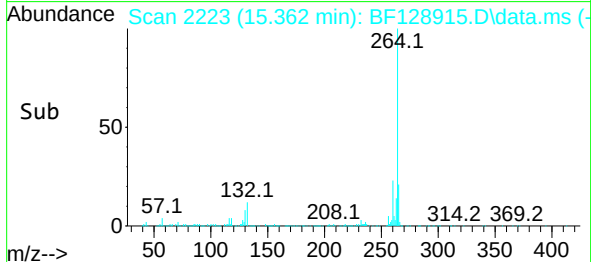
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0620



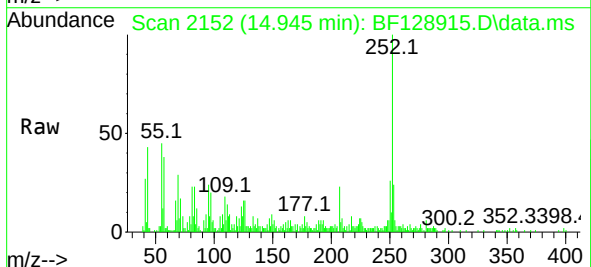
Tgt Ion:264 Resp: 148880
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 20.9 17.2 25.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#88
Benzo(b)fluoranthene
Concen: 2.362 ng m
RT: 14.945 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BF128915.D
Acq: 21 Jun 2022 23:51



Tgt Ion:252 Resp: 22466
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 16.4 8.0 12.0#

