

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128920.D
 Acq On : 22 Jun 2022 02:15
 Operator : CG\JU
 Sample : N3422-07 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-13

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/23/2022
 Supervised By : Jagrut Upadhyay 06/24/2022

Quant Time: Jun 22 04:01:42 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	97075	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	337958	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	155750	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	254762	20.000	ng	0.00
76) Chrysene-d12	13.939	240	180681	20.000	ng	0.01
86) Perylene-d12	15.392	264	131194	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	44628	7.323	ng	0.00
7) Phenol-d6	6.416	99	54967	7.389	ng	0.00
23) Nitrobenzene-d5	7.316	82	37181	5.122	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	10519	5.716	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	66132	5.948	ng	0.00
79) Terphenyl-d14	12.869	244	59368	5.710	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.751	142	41981	3.805	ng	98
38) 1-Methylnaphthalene	8.851	142	33447	3.138	ng	98
71) Phenanthrene	11.304	178	95826	7.499	ng	97
75) Fluoranthene	12.498	202	32377	2.424	ng	78
78) Pyrene	12.733	202	208039	15.476	ng	97
81) Benzo(a)anthracene	13.927	228	155850	13.838	ng	# 81
83) Chrysene	13.963	228	242458	22.581	ng	# 85
88) Benzo(b)fluoranthene	14.974	252	46272m	5.520	ng	
90) Benzo(a)pyrene	15.327	252	56087	8.512	ng	# 65
92) Benzo(g,h,i)perylene	17.245	276	21902	3.369	ng	# 92

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

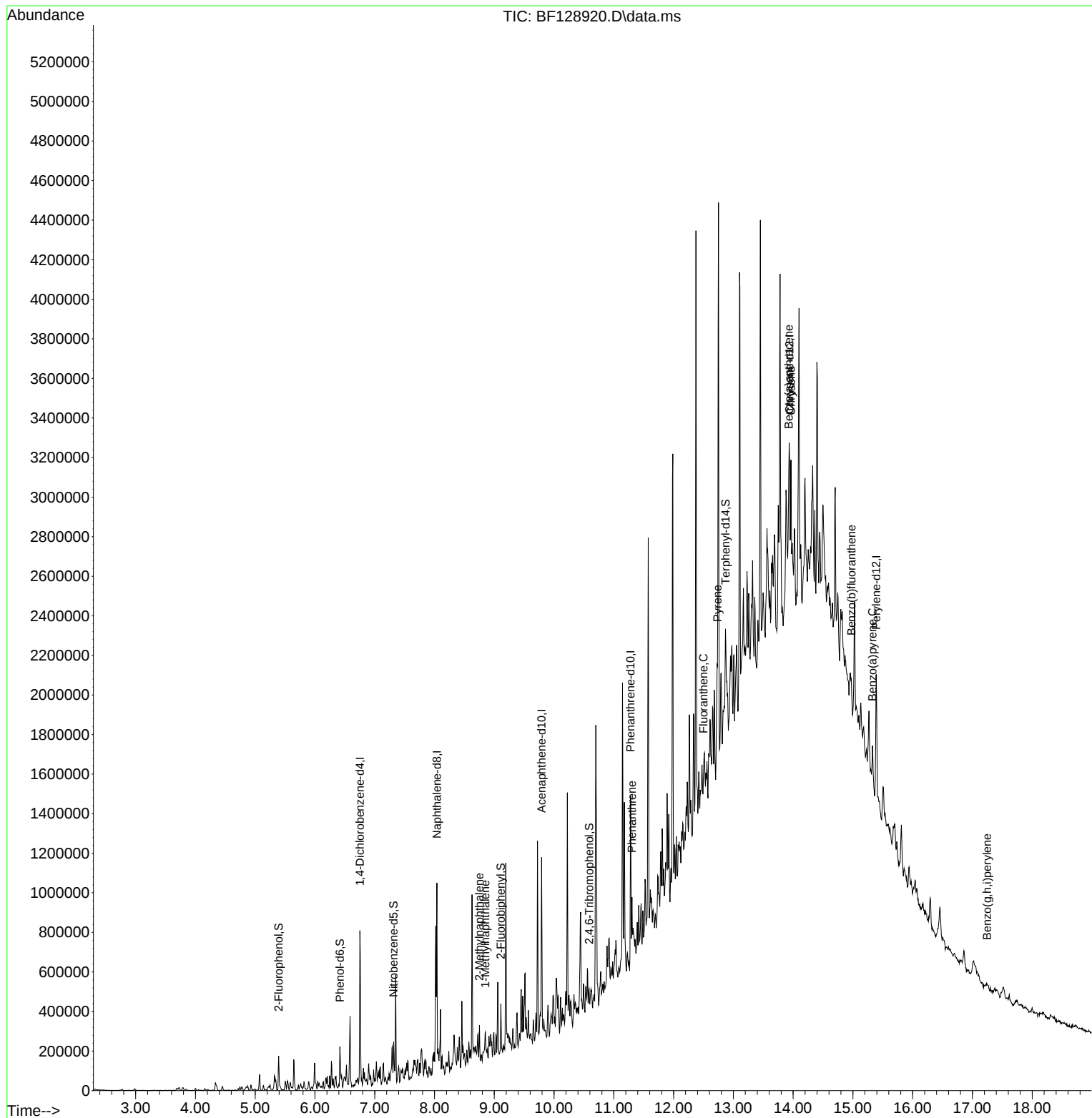
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128920.D
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Operator : CG\JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

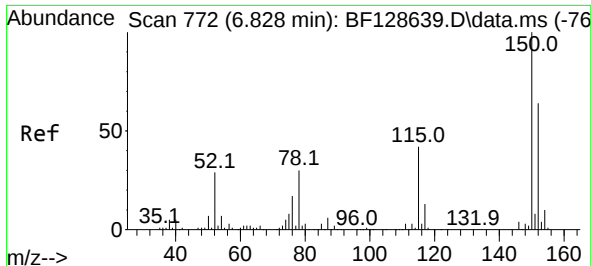
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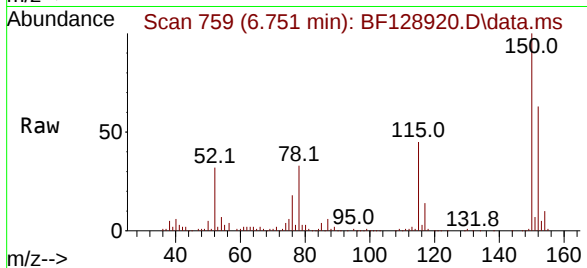
Quant Time: Jun 22 04:01:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:02:29 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

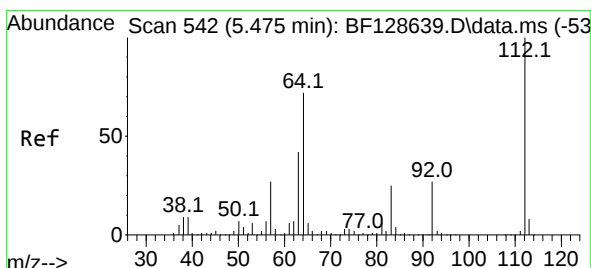
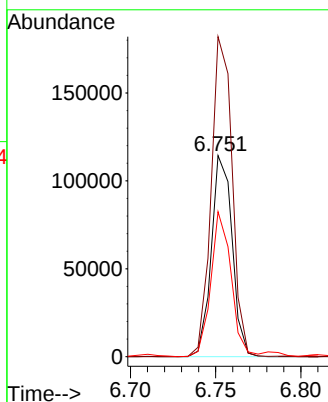
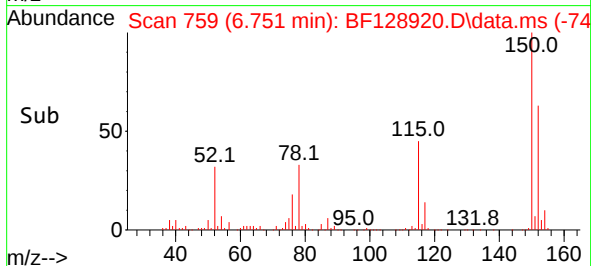
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-13



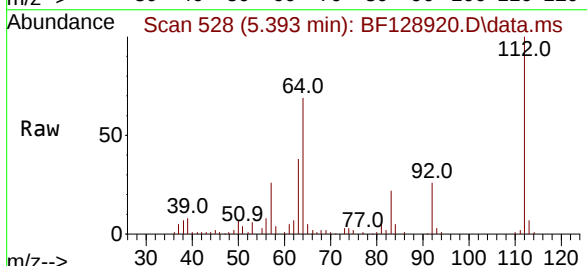
Tgt Ion:152 Resp: 97075
Ion Ratio Lower Upper
152 100
150 159.1 123.7 185.5
115 72.0 49.9 74.9

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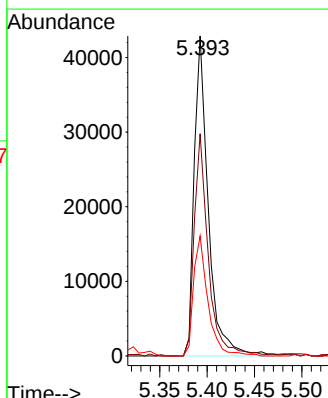
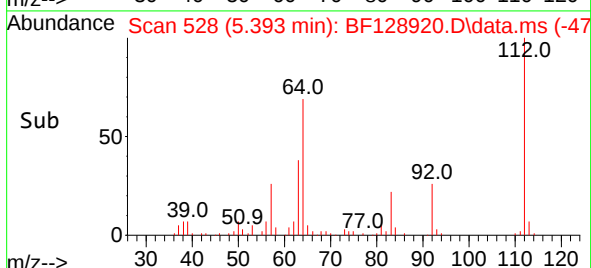
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022

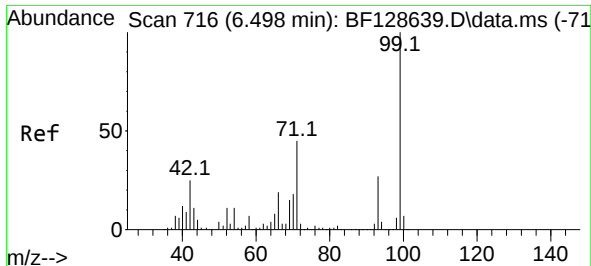


#5
2-Fluorophenol
Concen: 7.323 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15



Tgt Ion:112 Resp: 44628
Ion Ratio Lower Upper
112 100
64 69.4 53.3 79.9
63 37.5 28.0 42.0





#7

Phenol-d6

Concen: 7.389 ng

RT: 6.416 min Scan# 702

Delta R.T. 0.000 min

Lab File: BF128920.D

Acq: 22 Jun 2022 02:15

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-13

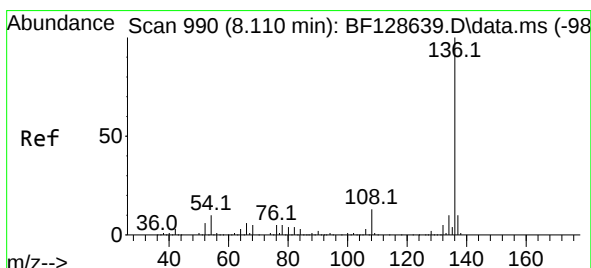
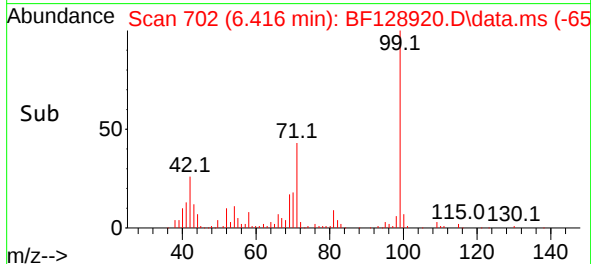
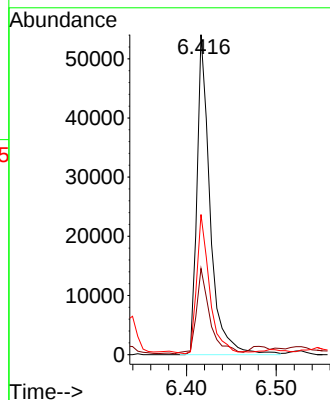
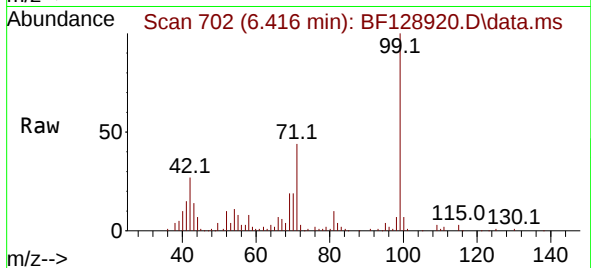
Tgt Ion:	99	Resp:	5496
Ion	Ratio	Lower	Upper
99	100		
42	26.9	17.3	25.9
71	43.8	28.9	43.3

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#21

Naphthalene-d8

Concen: 20.000 ng

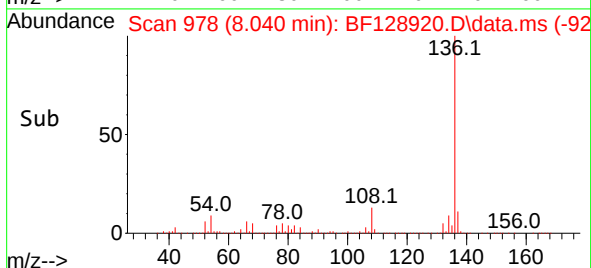
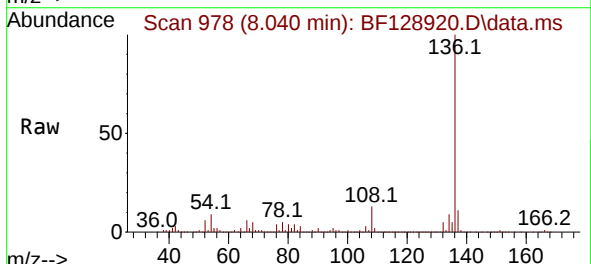
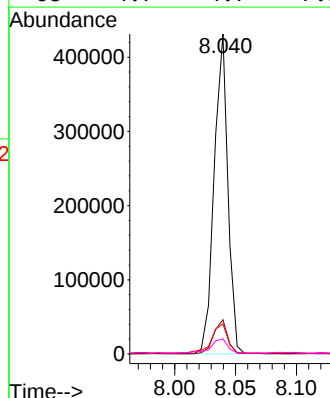
RT: 8.040 min Scan# 978

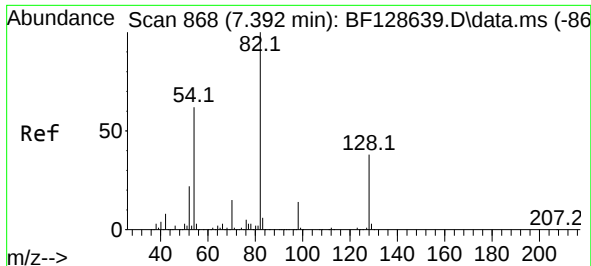
Delta R.T. 0.000 min

Lab File: BF128920.D

Acq: 22 Jun 2022 02:15

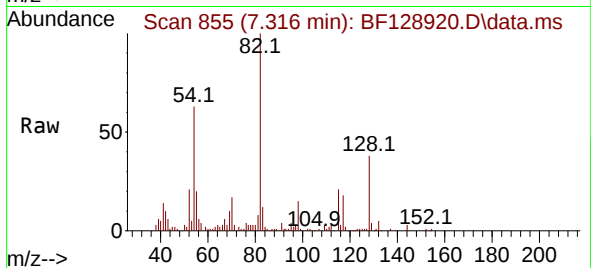
Tgt Ion:	136	Resp:	337958
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.4	7.5	11.3
68	4.7	4.7	7.1





#23
Nitrobenzene-d5
Concen: 5.122 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

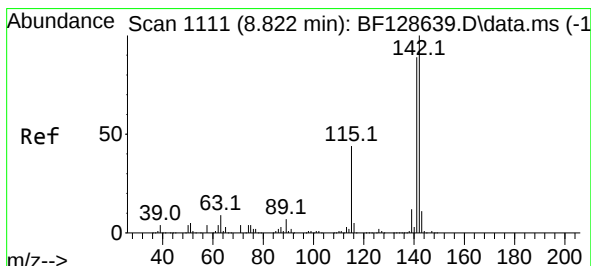
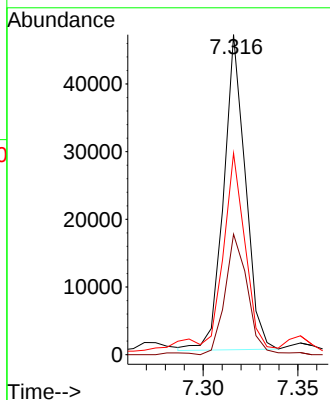
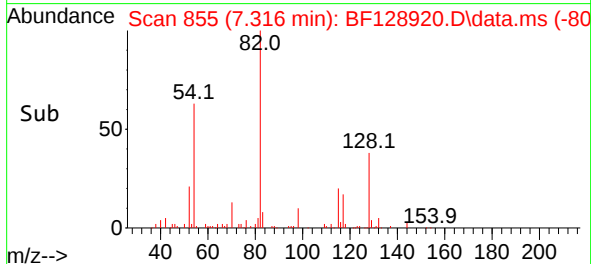
Instrument :
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Tgt Ion: 82 Resp: 3718
Ion Ratio Lower Upper
82 100
128 37.7 34.0 51.0
54 63.0 46.9 70.3

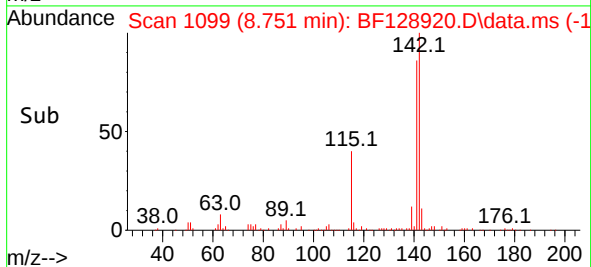
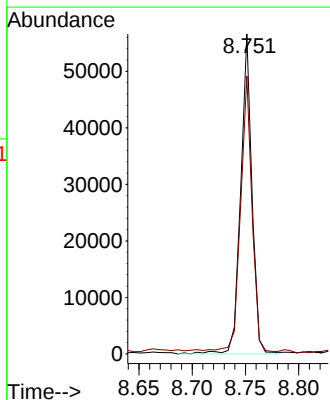
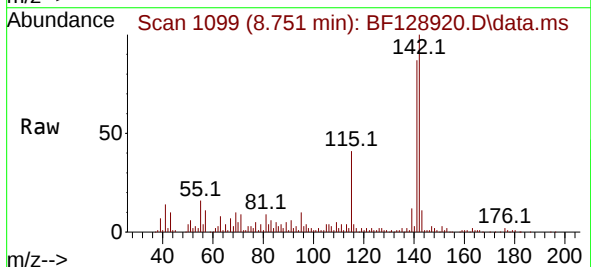
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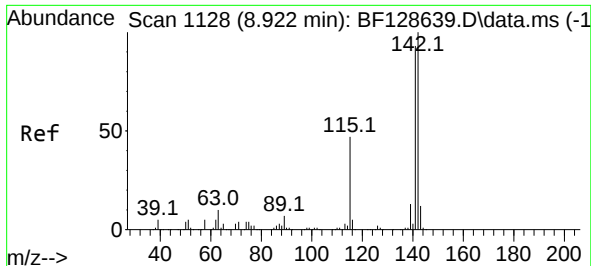
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022



#37
2-Methylnaphthalene
Concen: 3.805 ng
RT: 8.751 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

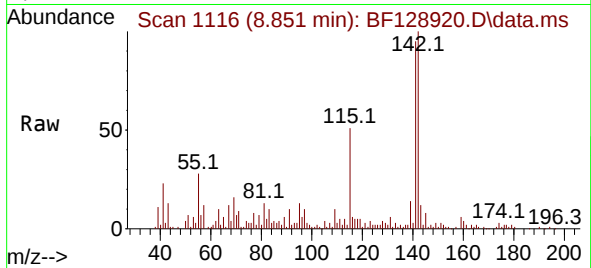
Tgt Ion:142 Resp: 41981
Ion Ratio Lower Upper
142 100
141 86.8 71.0 106.4





#38
1-Methylnaphthalene
Concen: 3.138 ng
RT: 8.851 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

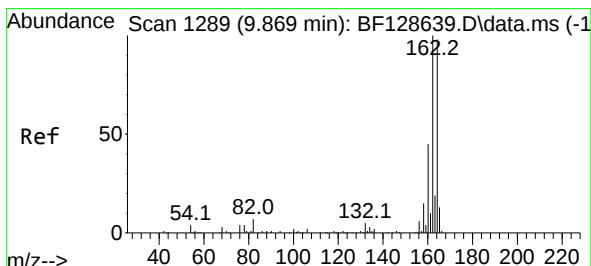
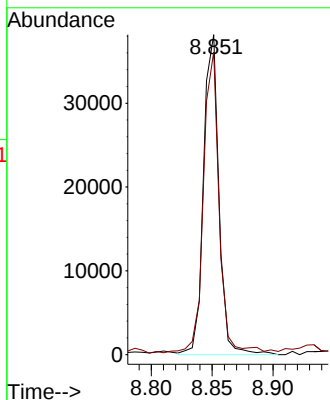
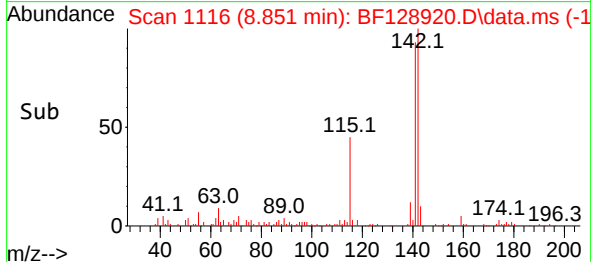
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-13



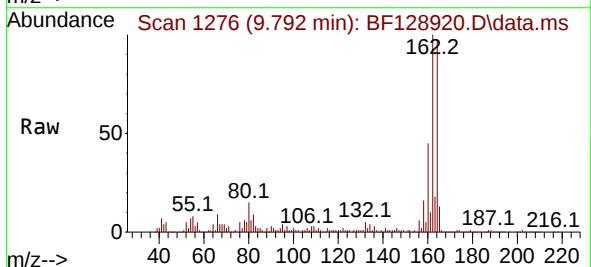
Tgt Ion:142 Resp: 3344
Ion Ratio Lower Upper
142 100
141 94.6 74.2 111.4

Manual Integrations
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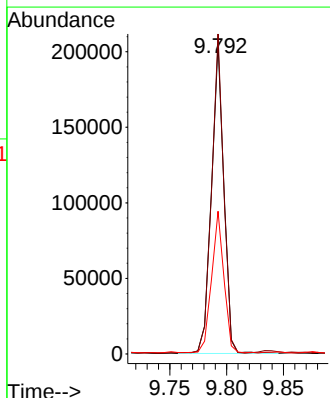
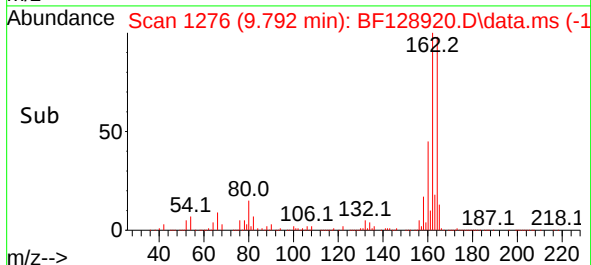
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022

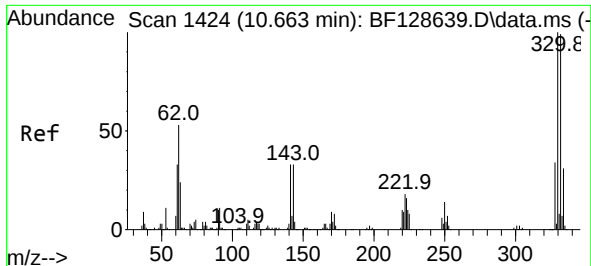


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15



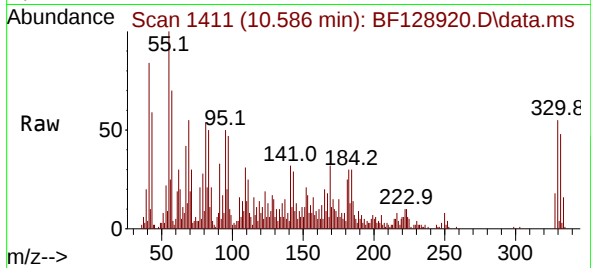
Tgt Ion:164 Resp: 155750
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 46.0 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 5.716 ng
RT: 10.586 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

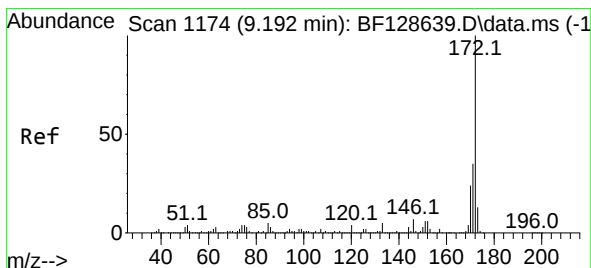
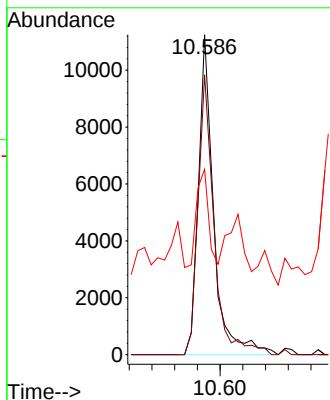
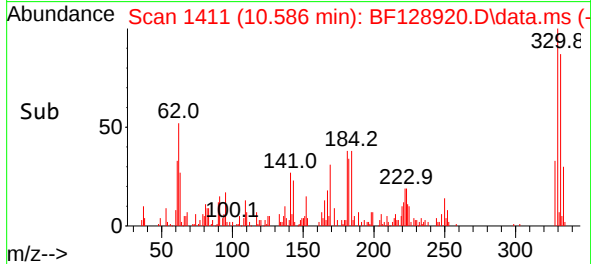
Instrument :
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ClientSampleId :
WC-14A-1A-13



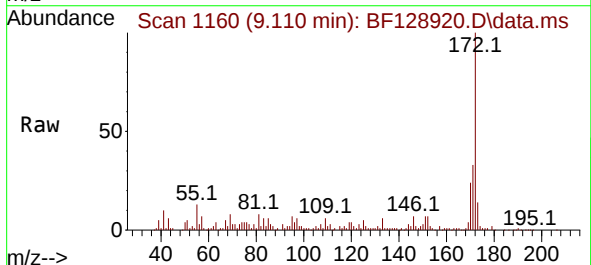
Tgt Ion: 330 Resp: 10519
Ion Ratio Lower Upper
330 100
332 91.4 76.8 115.2
141 29.7 28.0 42.0

Manual Integrations
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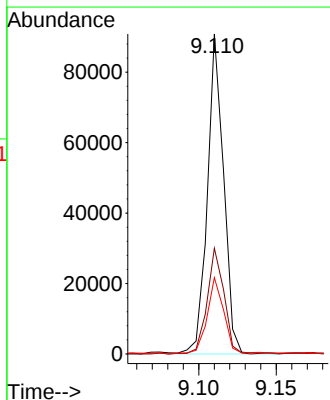
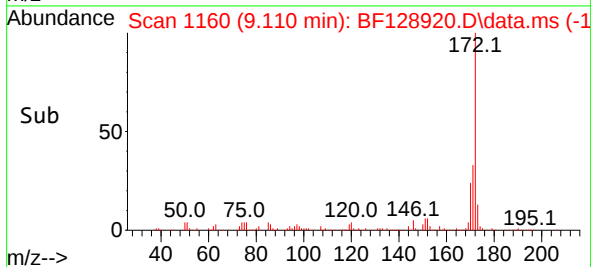
Reviewed By : Christian Giraldo 06/23/2022
Supervised By : Jagrut Upadhyay 06/24/2022

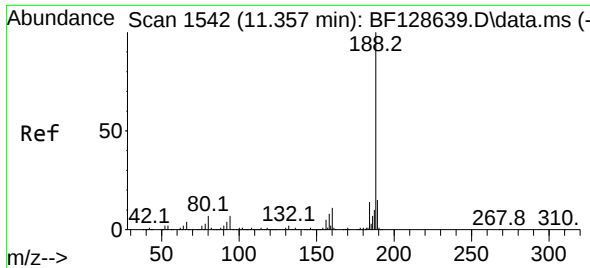


#45
2-Fluorobiphenyl
Concen: 5.948 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15



Tgt Ion: 172 Resp: 66132
Ion Ratio Lower Upper
172 100
171 33.0 28.8 43.2
170 23.9 19.8 29.8





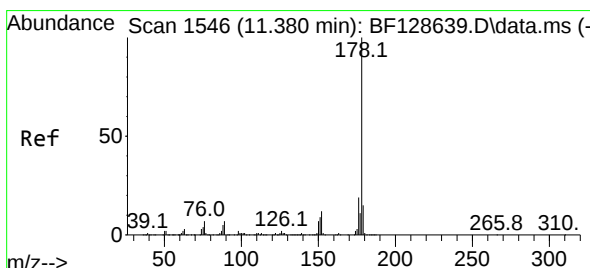
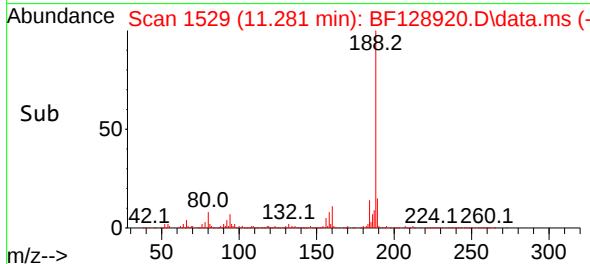
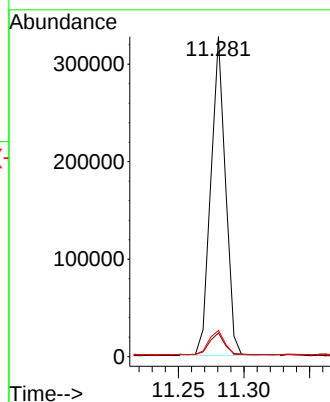
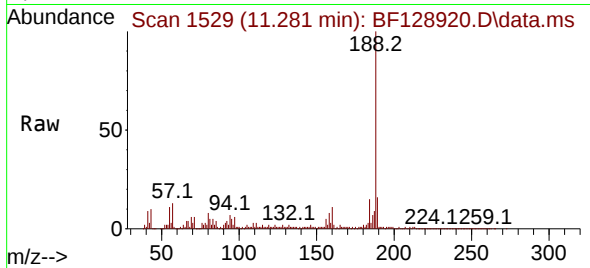
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-13

Tgt Ion:188 Resp: 254762
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 8.2 7.6 11.4

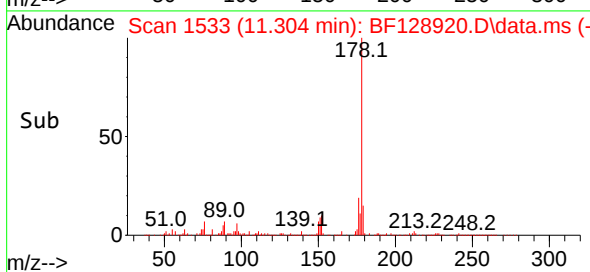
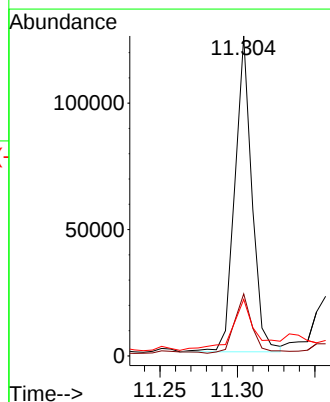
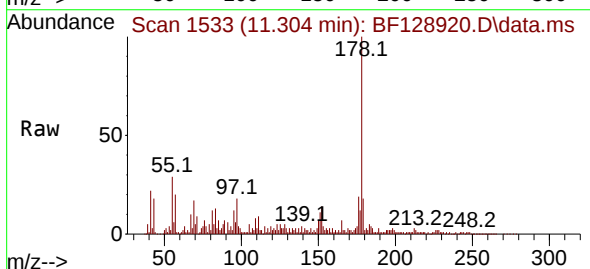
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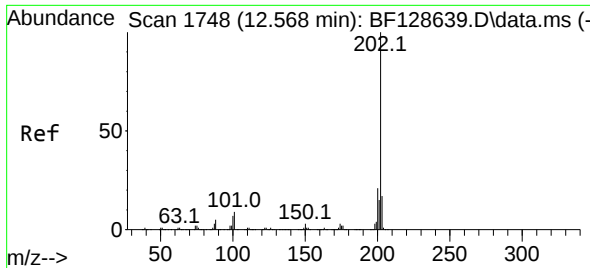
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022



#71
Phenanthrene
Concen: 7.499 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

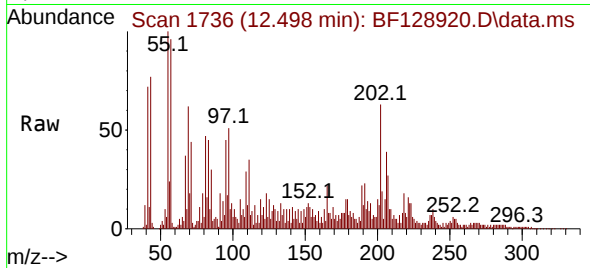
Tgt Ion:178 Resp: 95826
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 17.7 12.6 19.0





#75
Fluoranthene
Concen: 2.424 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

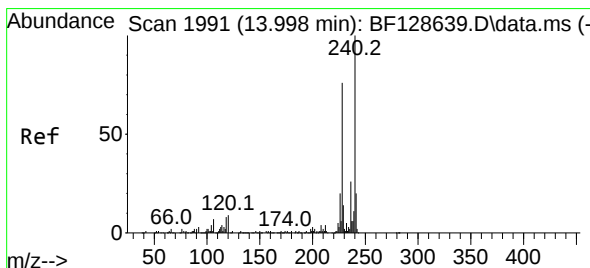
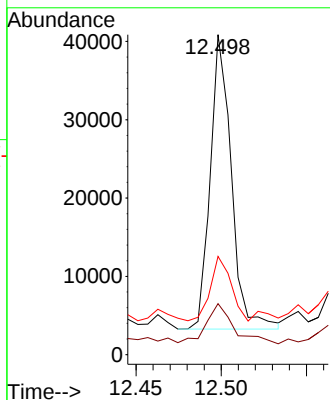
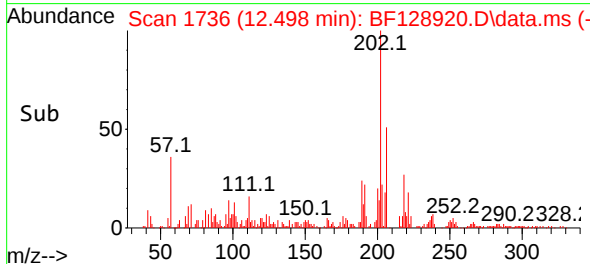
Instrument :
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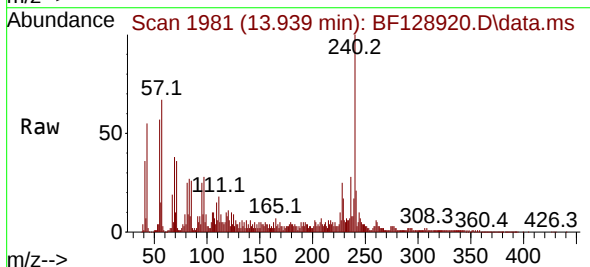
Tgt Ion:202 Resp: 3237
Ion Ratio Lower Upper
202 100
101 16.0 0.0 31.4
203 30.7 0.0 38.0

Manual Integrations
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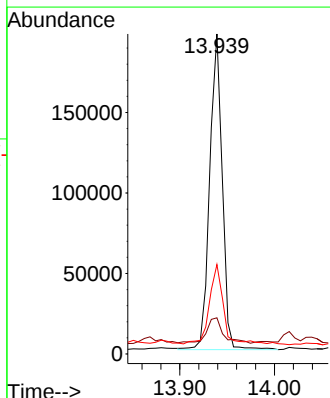
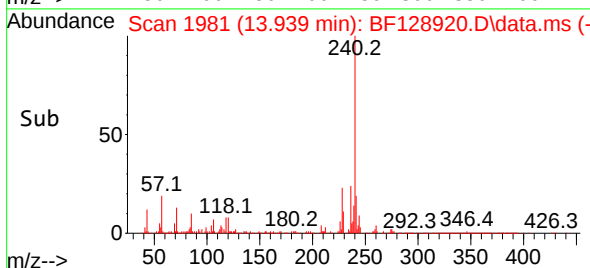
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022

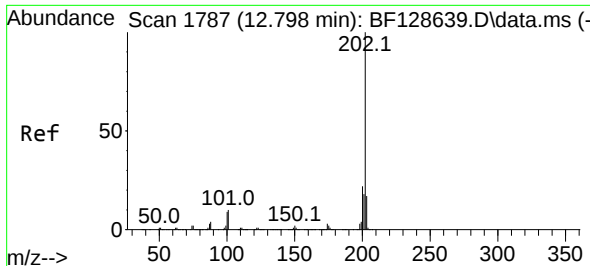


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15



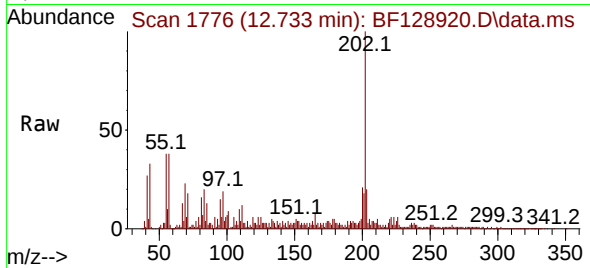
Tgt Ion:240 Resp: 180681
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 27.9 20.8 31.2





#78
Pyrene
Concen: 15.476 ng
RT: 12.733 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

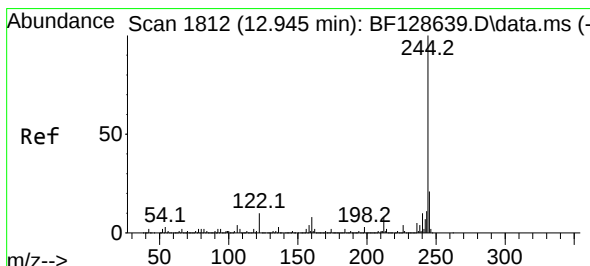
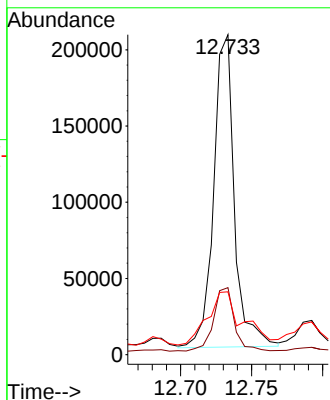
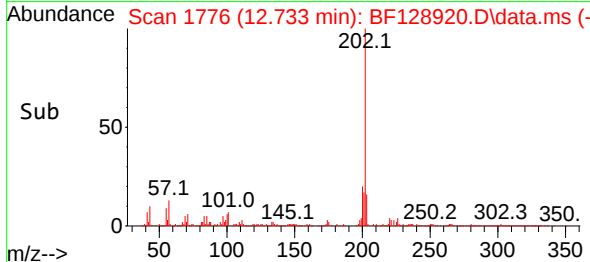
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-13



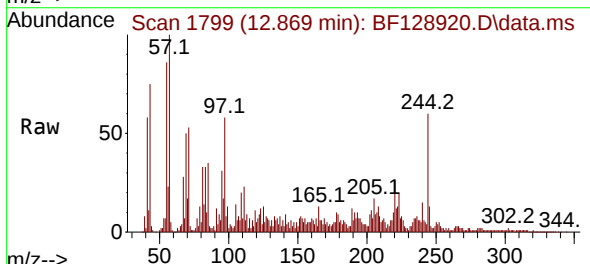
Tgt Ion:202 Resp: 208039
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 19.7 14.6 21.8

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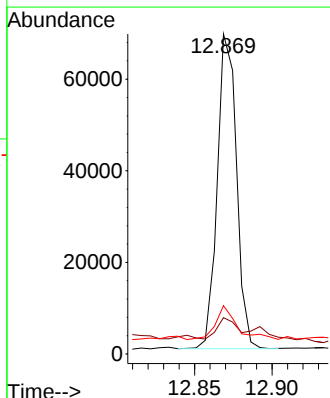
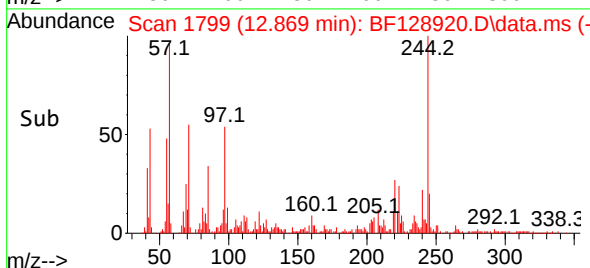
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022

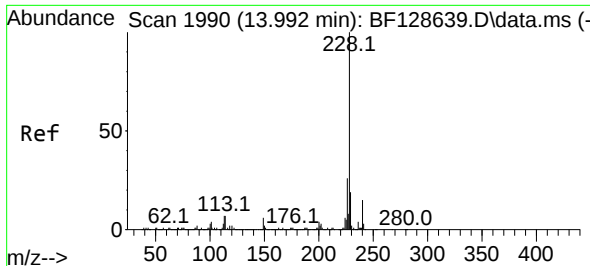


#79
Terphenyl-d14
Concen: 5.710 ng
RT: 12.869 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15



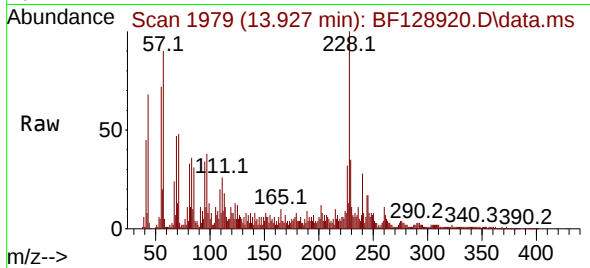
Tgt Ion:244 Resp: 59368
Ion Ratio Lower Upper
244 100
212 11.4 6.1 9.1#
122 15.1 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 13.838 ng
RT: 13.927 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

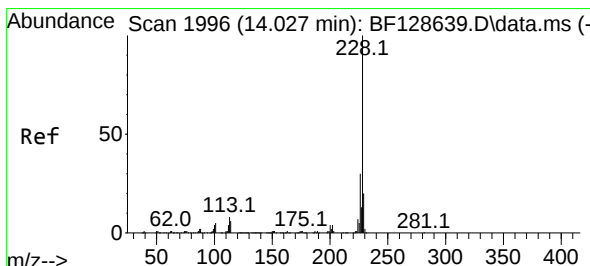
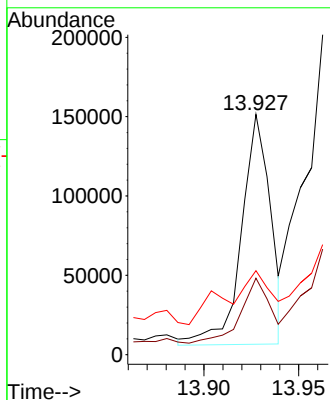
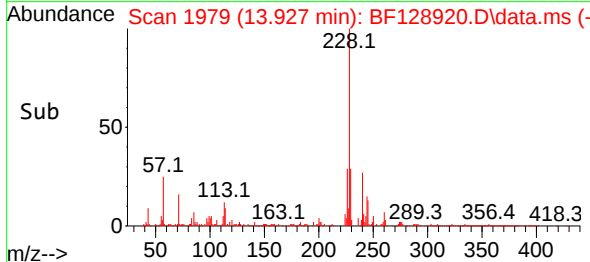
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-13



Tgt Ion:228 Resp: 155850
Ion Ratio Lower Upper
228 100
226 31.8 22.1 33.1
229 35.0 15.8 23.8

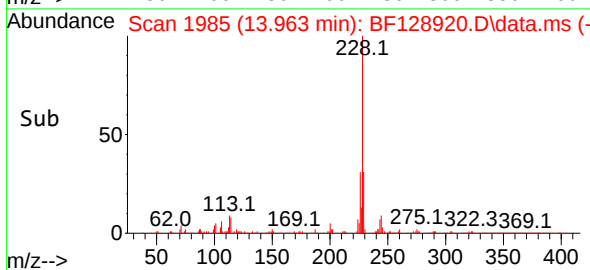
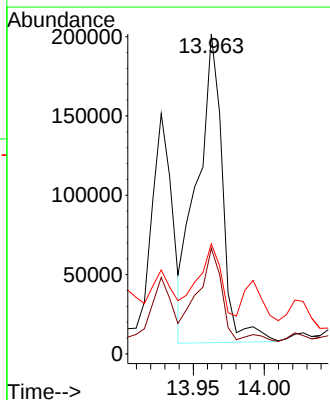
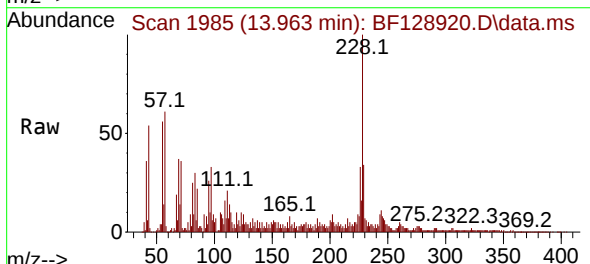
Manual Integrations
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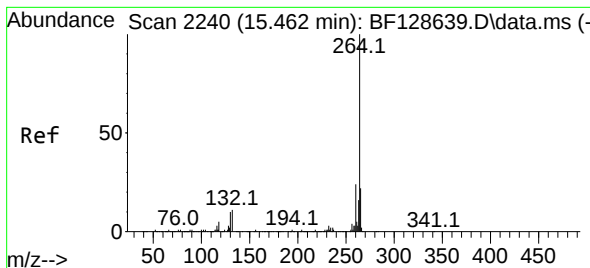
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022



#83
Chrysene
Concen: 22.581 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

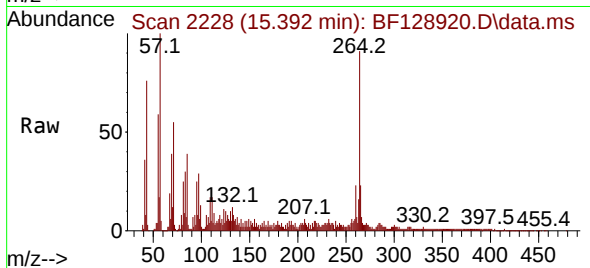
Tgt Ion:228 Resp: 242458
Ion Ratio Lower Upper
228 100
226 33.0 24.3 36.5
229 34.4 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 21194
Delta R.T. 0.030 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

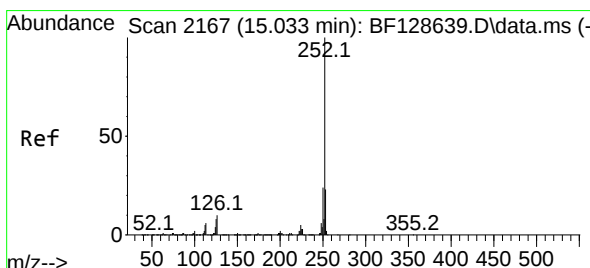
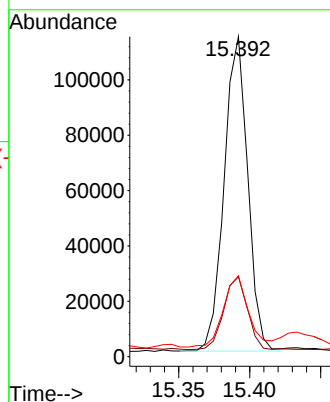
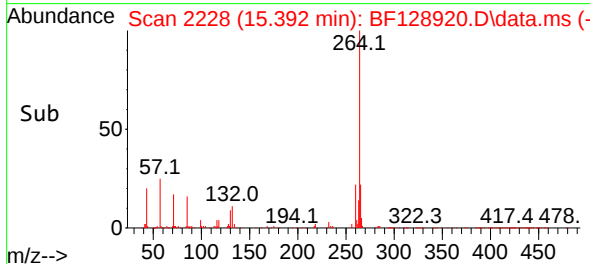
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-13



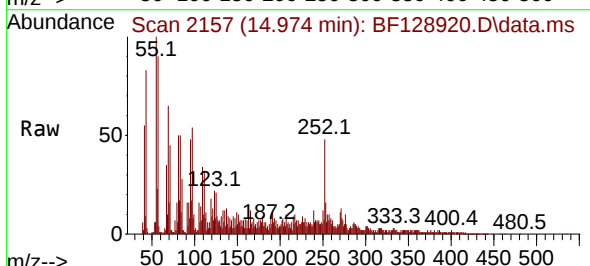
Tgt Ion:264 Resp: 131194
Ion Ratio Lower Upper
264 100
260 25.0 18.4 27.6
265 25.3 17.2 25.8

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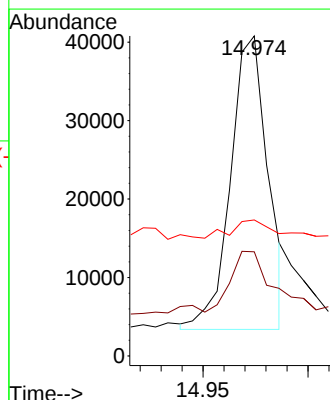
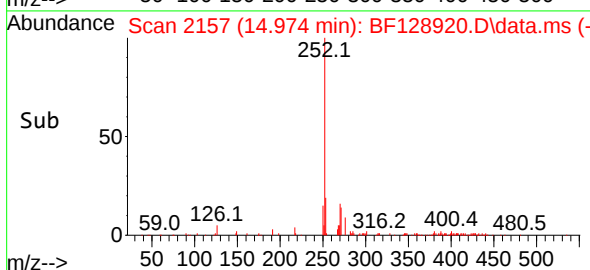
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022

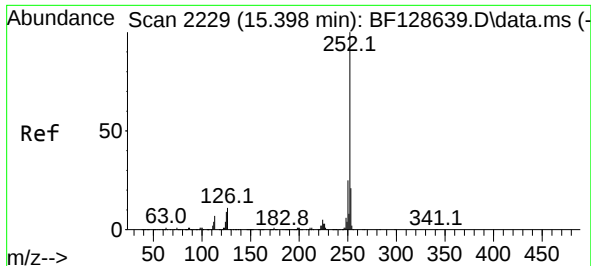


#88
Benzo(b)fluoranthene
Concen: 5.520 ng m
RT: 14.974 min Scan# 2157
Delta R.T. 0.024 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15



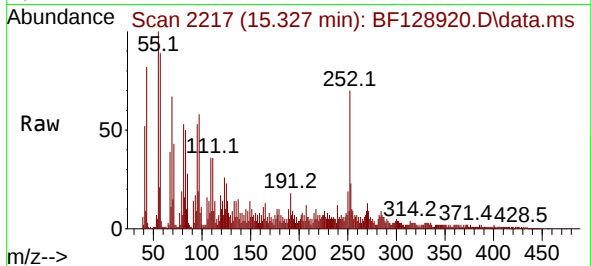
Tgt Ion:252 Resp: 46272
Ion Ratio Lower Upper
252 100
253 32.6 17.7 26.5#
125 42.5 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 8.512 ng
RT: 15.327 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15

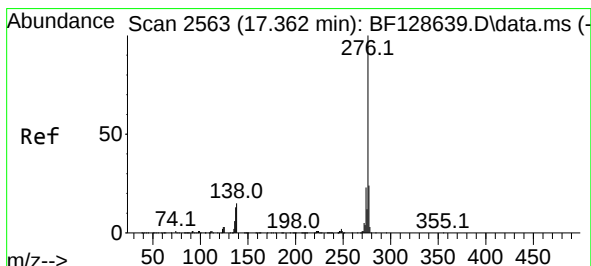
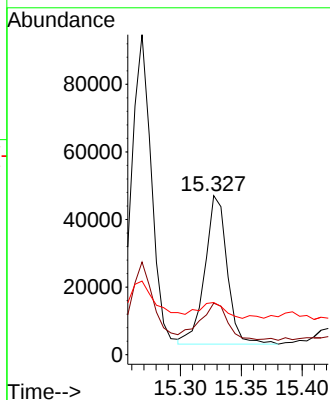
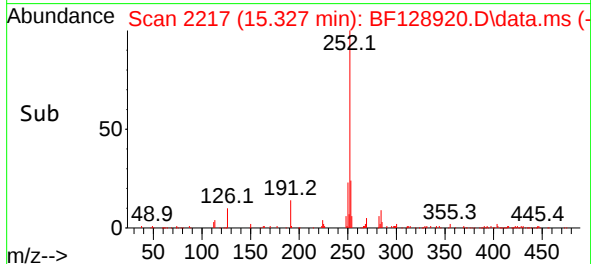
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-13



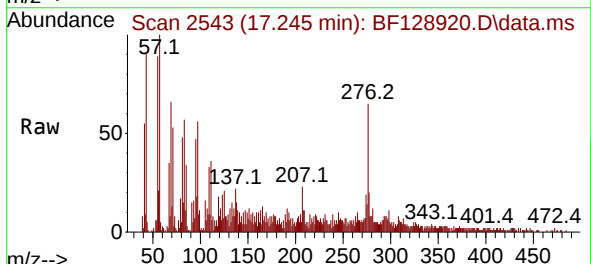
Tgt Ion:252 Resp: 5608
Ion Ratio Lower Upper
252 100
253 32.4 17.0 25.6
125 32.8 8.8 13.2

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Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022



#92
Benzo(g,h,i)perylene
Concen: 3.369 ng
RT: 17.245 min Scan# 2543
Delta R.T. 0.030 min
Lab File: BF128920.D
Acq: 22 Jun 2022 02:15



Tgt Ion:276 Resp: 21902
Ion Ratio Lower Upper
276 100
277 31.1 19.1 28.7
138 22.7 18.0 27.0

