

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128827.D
 Acq On : 15 Jun 2022 15:33
 Operator : CG\JU
 Sample : N3340-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
 Supervised By :mohammad ahmed 06/22/2022

Quant Time: Jun 15 16:47:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73446	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	257561	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	130920	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	212993	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	148632	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	106543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	528118	114.534	ng	0.00
7) Phenol-d6	6.440	99	595578	105.814	ng	0.00
23) Nitrobenzene-d5	7.345	82	370603	66.993	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	128304	82.943	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	705661	75.503	ng	0.00
79) Terphenyl-d14	12.898	244	645157	75.424	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	32112	3.006	ng	99
75) Fluoranthene	12.527	202	35025	3.136	ng	96
78) Pyrene	12.757	202	49682	4.493	ng	99
81) Benzo(a)anthracene	13.945	228	19919	2.150	ng	92
83) Chrysene	13.980	228	19304	2.185	ng	96
88) Benzo(b)fluoranthene	14.992	252	14605m	2.145	ng	
90) Benzo(a)pyrene	15.351	252	11661	2.179	ng	94

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

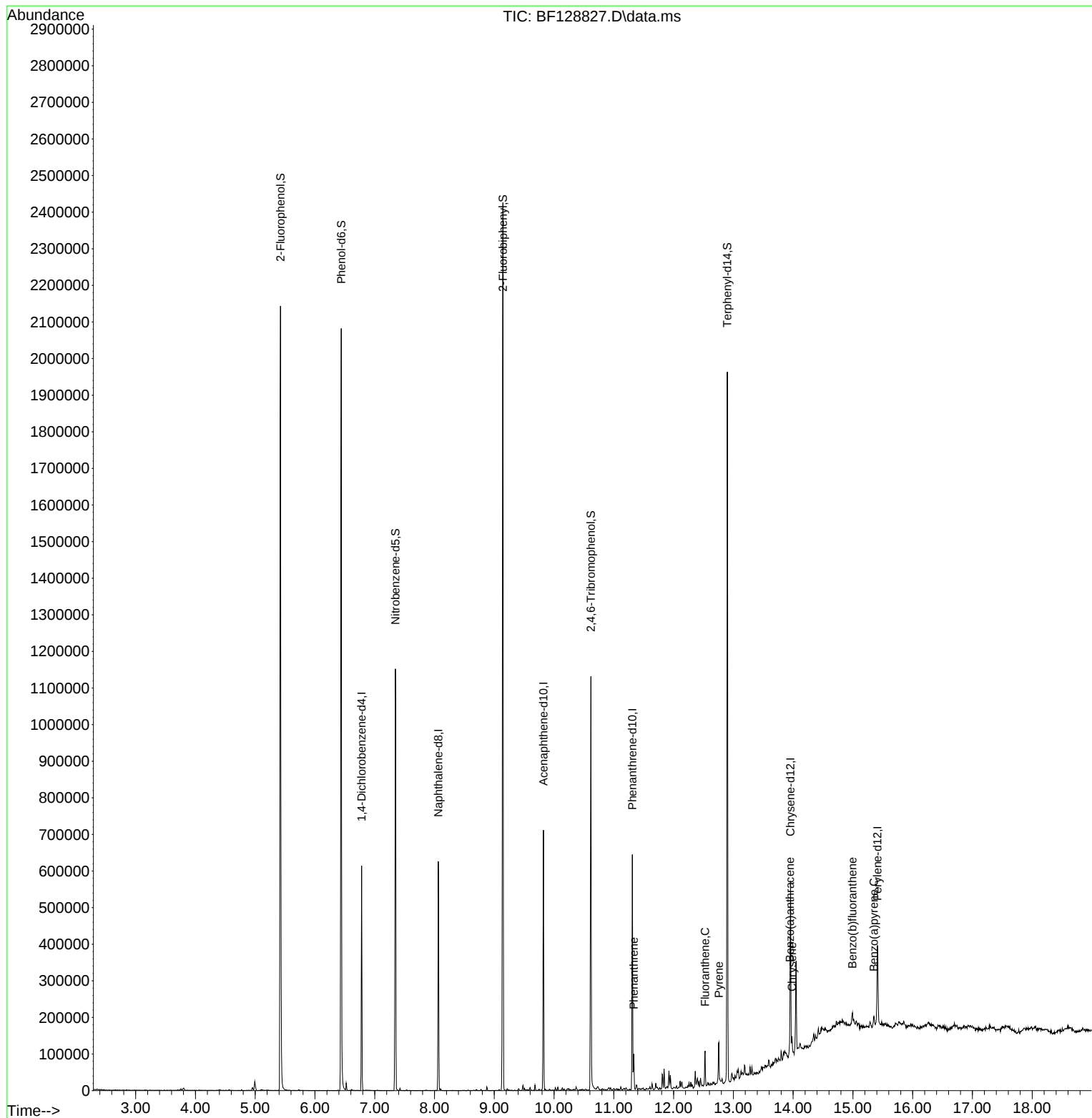
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128827.D
Acq On : 15 Jun 2022 15:33
Operator : CG\JU
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Manual Integrations
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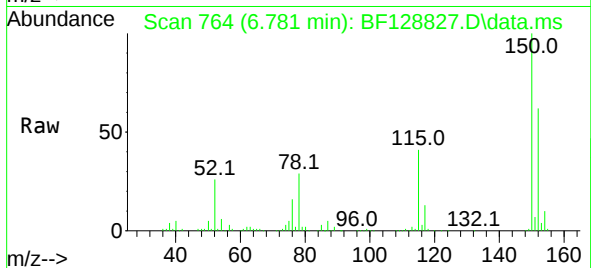
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33

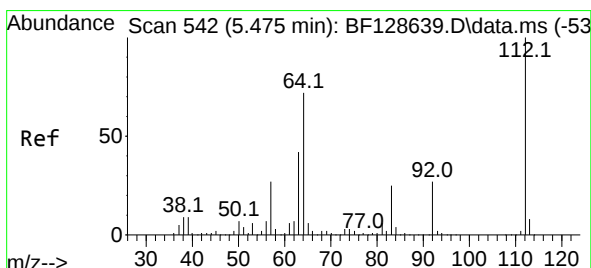
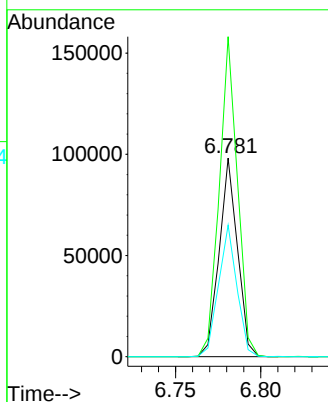
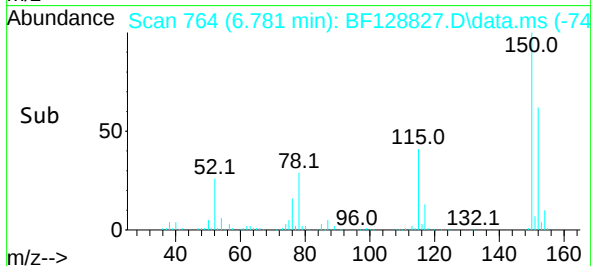
Instrument :
BNA_F
ClientSampleId :
CS-2



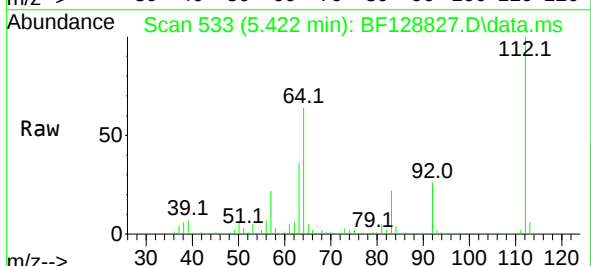
Tgt Ion:152 Resp: 73440
Ion Ratio Lower Upper
152 100
150 161.2 123.7 185.5
115 66.2 49.9 74.9

Manual Integrations
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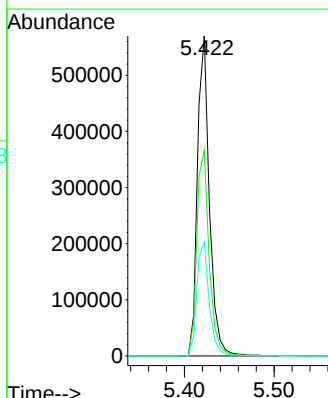
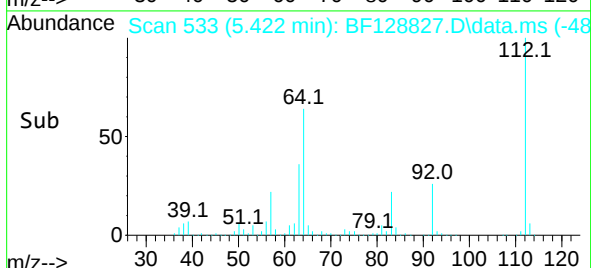
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#5
2-Fluorophenol
Concen: 114.534 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33



Tgt Ion:112 Resp: 528118
Ion Ratio Lower Upper
112 100
64 64.3 53.3 79.9
63 35.6 28.0 42.0





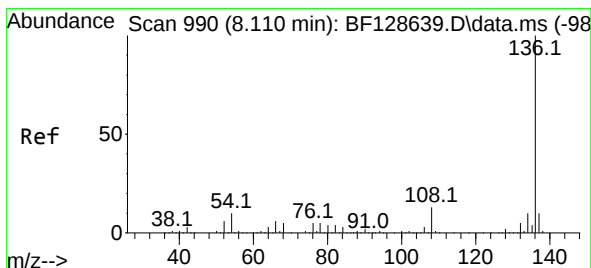
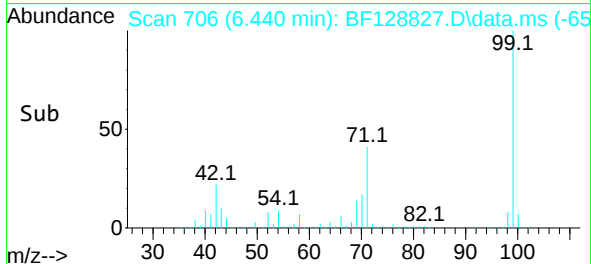
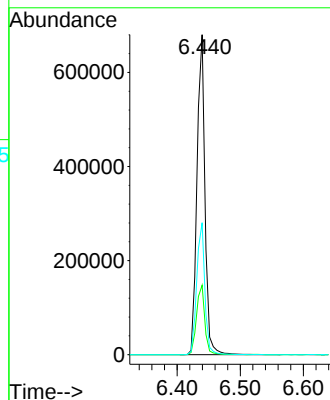
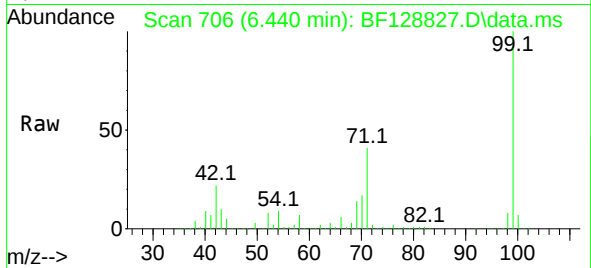
#7
Phenol-d6
Concen: 105.814 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33

Instrument :
BNA_F
ClientSampleId :
CS-2

Tgt Ion: 99 Resp: 595578
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 41.3 28.9 43.3

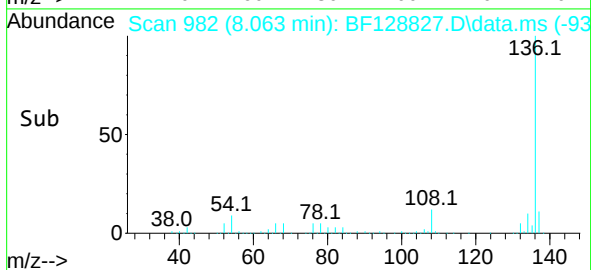
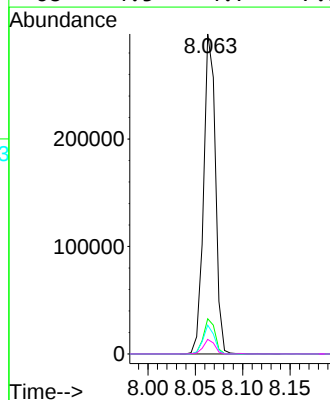
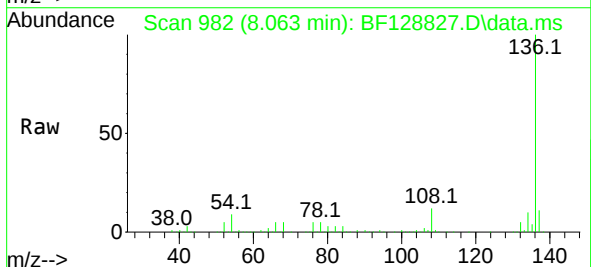
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Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33

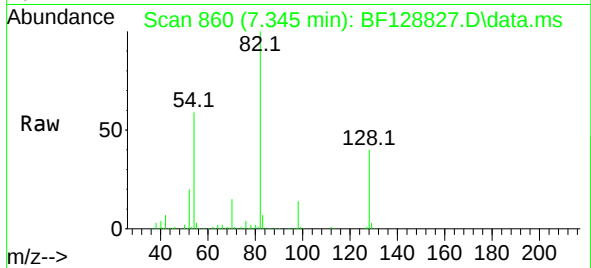
Tgt Ion:136 Resp: 257561
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.0 7.5 11.3
68 4.5 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 66.993 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33

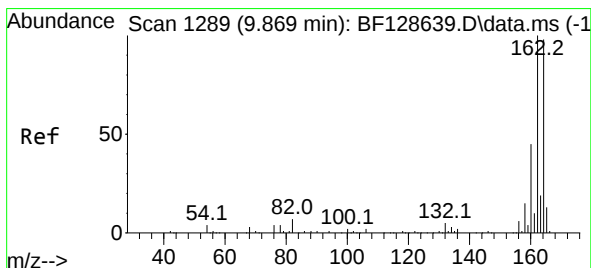
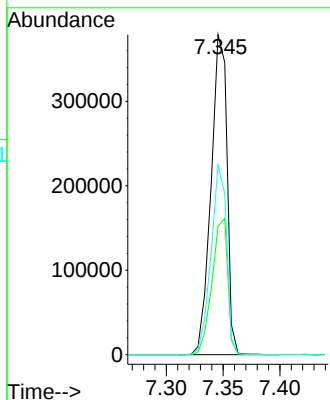
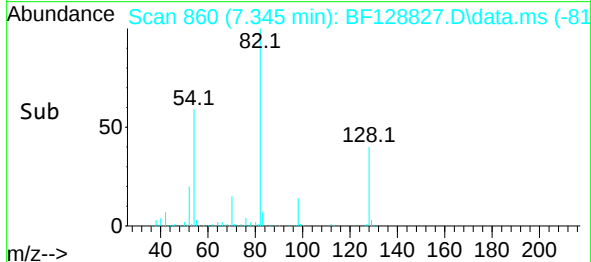
Instrument :
BNA_F
ClientSampleId :
CS-2



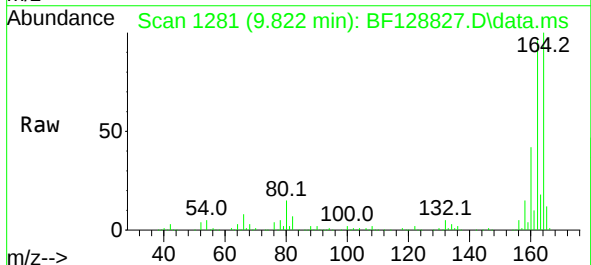
Tgt Ion: 82 Resp: 37060
Ion Ratio Lower Upper
82 100
128 40.1 34.0 51.0
54 59.2 46.9 70.3

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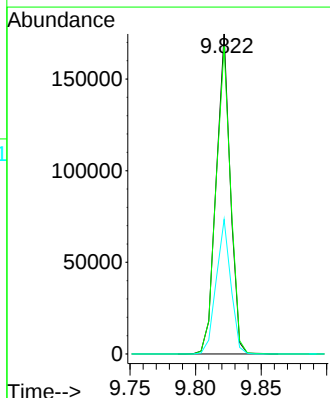
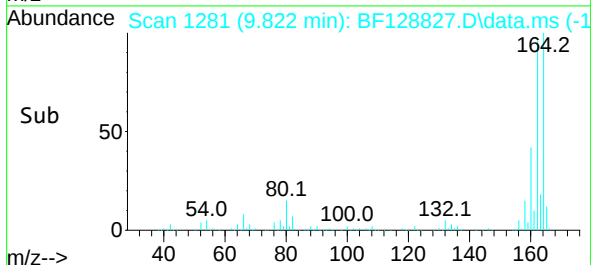
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33



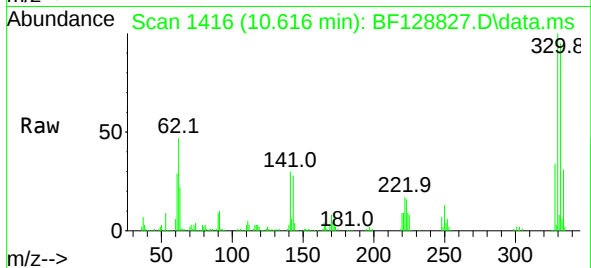
Tgt Ion:164 Resp: 130920
Ion Ratio Lower Upper
164 100
162 96.1 79.5 119.3
160 42.0 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 82.943 ng
RT: 10.616 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33

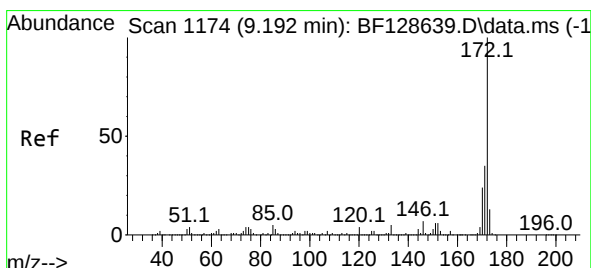
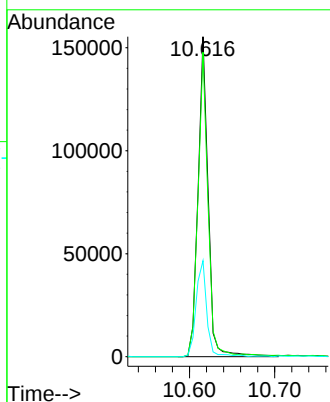
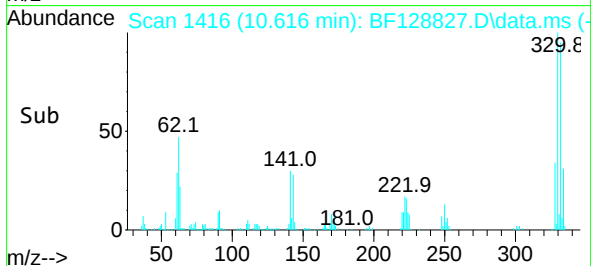
Instrument :
BNA_F
ClientSampleId :
CS-2



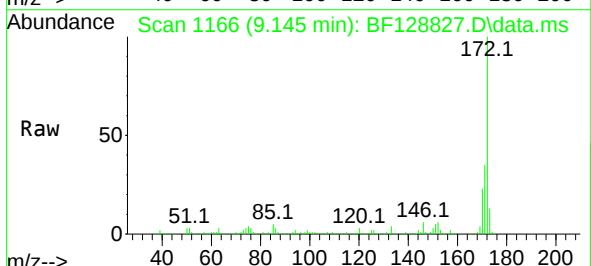
Tgt Ion: 330 Resp: 128304
Ion Ratio Lower Upper
330 100
332 93.6 76.8 115.2
141 31.9 28.0 42.0

Manual Integrations
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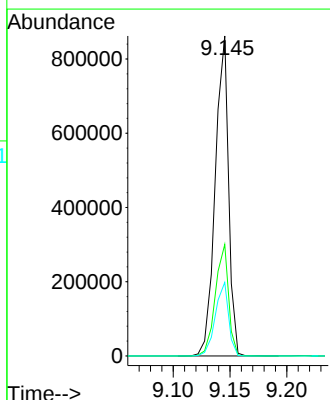
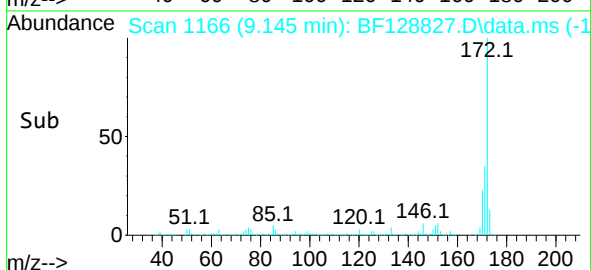
Reviewed By : Jagrut Upadhyay 06/16/2022
Supervised By : mohammad ahmed 06/22/2022

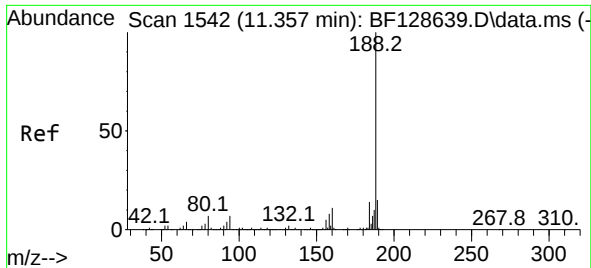


#45
2-Fluorobiphenyl
Concen: 75.503 ng
RT: 9.145 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33



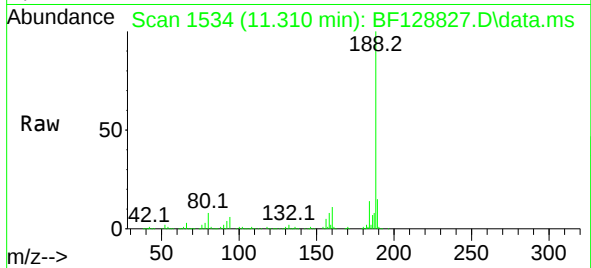
Tgt Ion: 172 Resp: 705661
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33

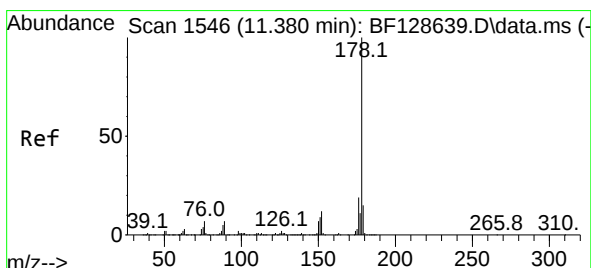
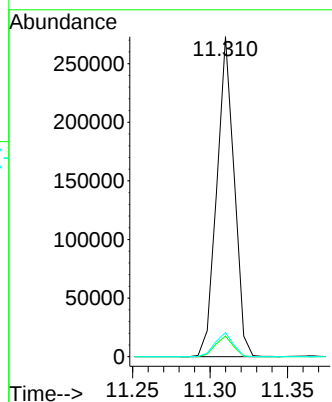
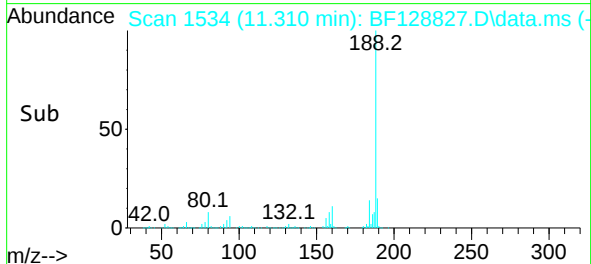
Instrument :
BNA_F
ClientSampleId :
CS-2



Tgt Ion:188 Resp: 21299
Ion Ratio Lower Upper
188 100
94 6.5 7.0 10.6
80 7.6 7.6 11.4

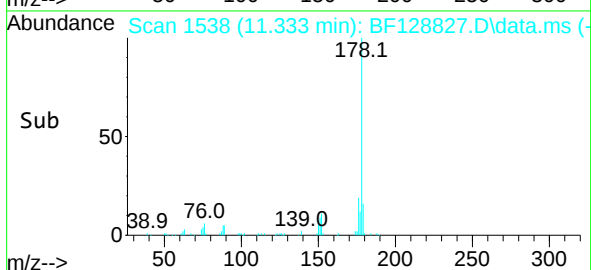
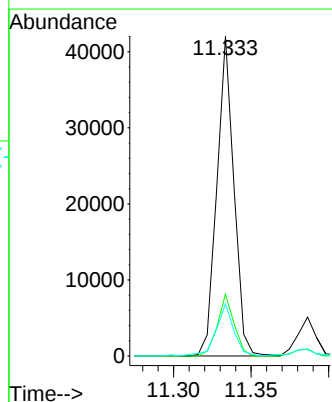
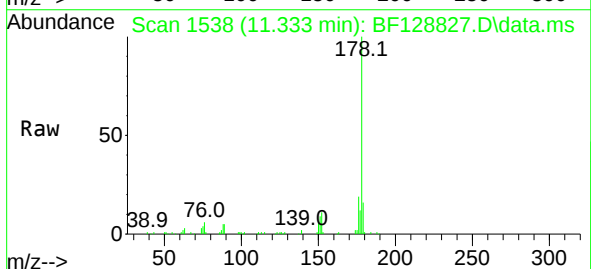
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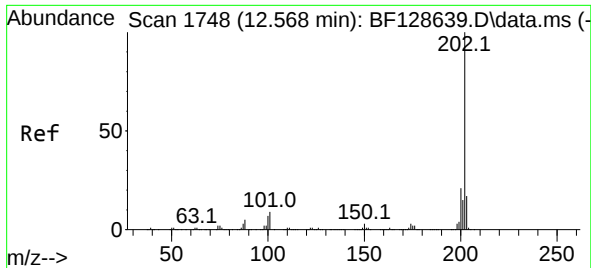
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#71
Phenanthrene
Concen: 3.006 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33

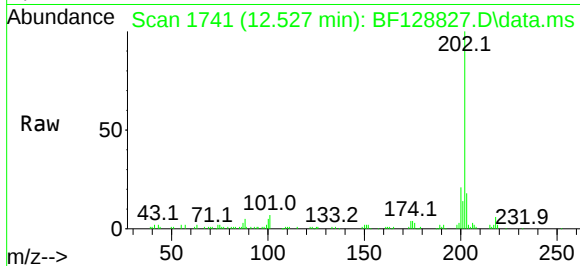
Tgt Ion:178 Resp: 32112
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.3 12.6 19.0





#75
Fluoranthene
Concen: 3.136 ng
RT: 12.527 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33

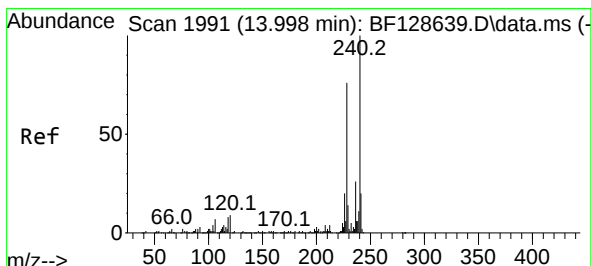
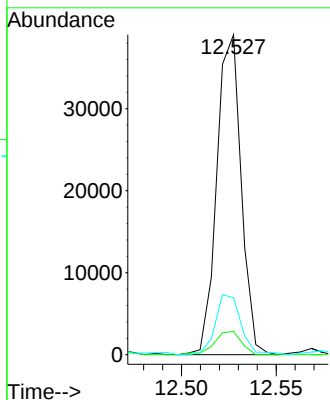
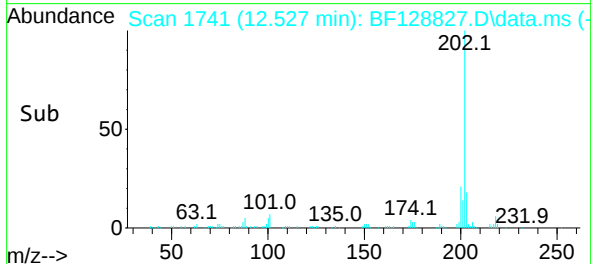
Instrument :
BNA_F
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CS-2



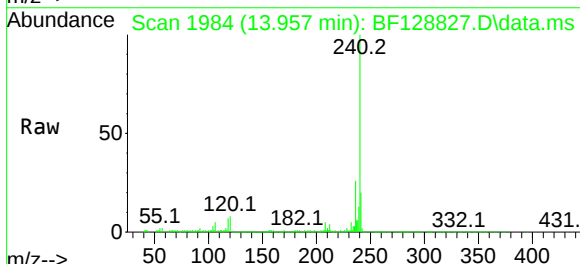
Tgt Ion:202 Resp: 35029
Ion Ratio Lower Upper
202 100
101 7.3 0.0 31.4
203 17.8 0.0 38.0

Manual Integrations
APPROVED

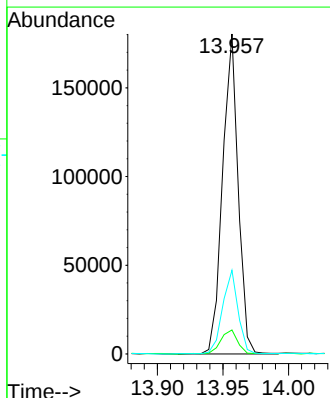
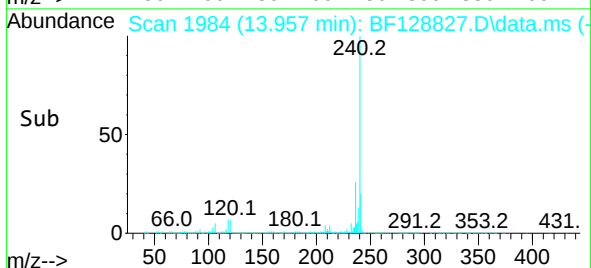
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

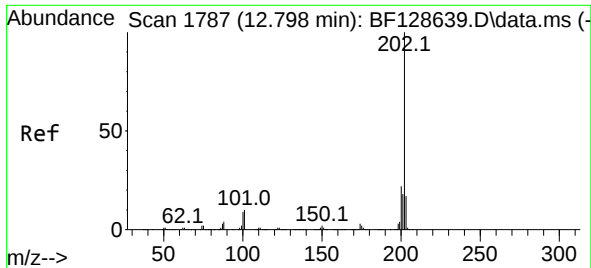


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33



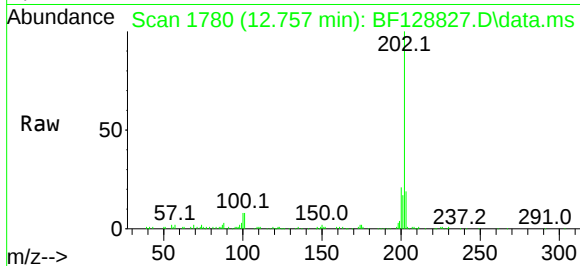
Tgt Ion:240 Resp: 148632
Ion Ratio Lower Upper
240 100
120 7.5 8.9 13.3#
236 26.2 20.8 31.2





#78
Pyrene
Concen: 4.493 ng
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33

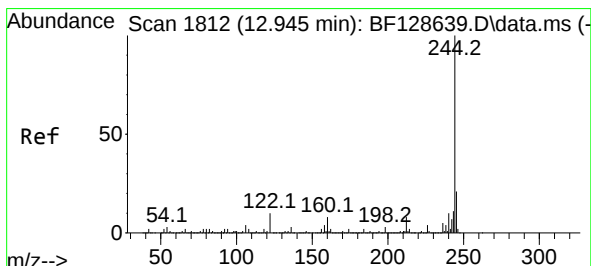
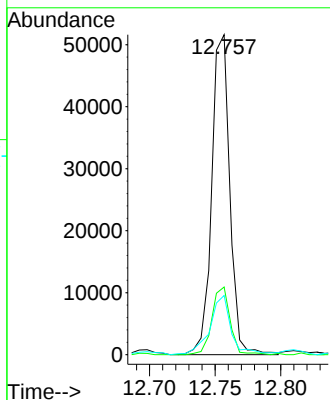
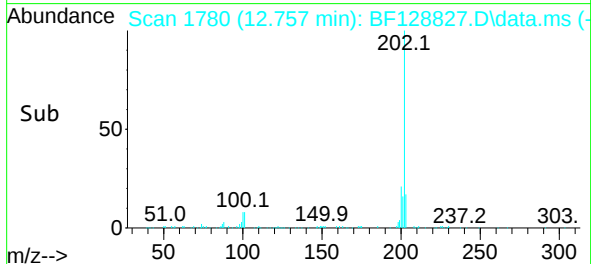
Instrument :
BNA_F
ClientSampleId :
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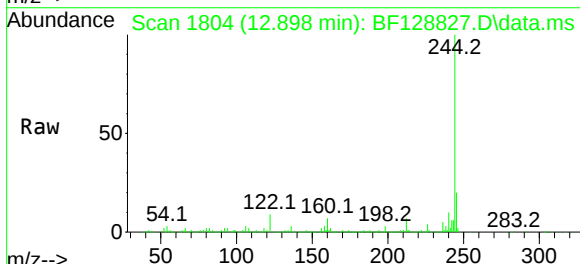
Tgt Ion:202 Resp: 4968
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 18.5 14.6 21.8

Manual Integrations
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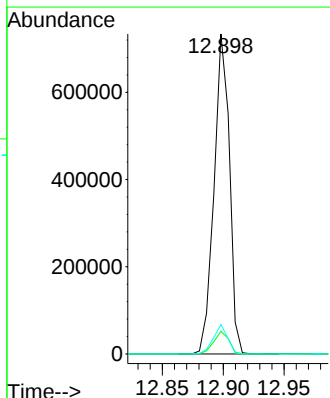
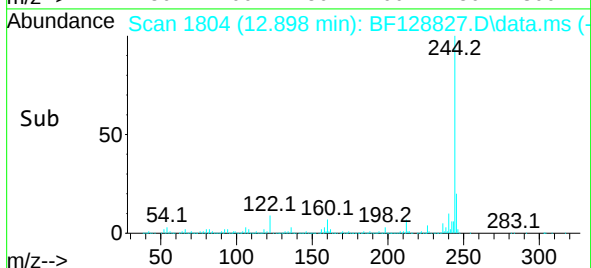
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

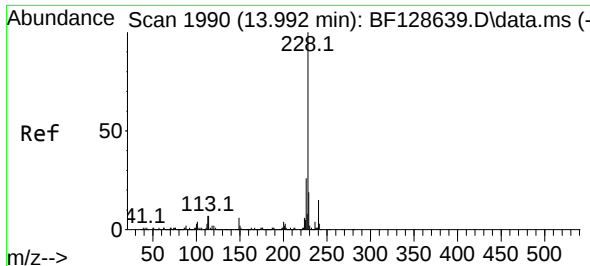


#79
Terphenyl-d14
Concen: 75.424 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33



Tgt Ion:244 Resp: 645157
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 9.2 8.8 13.2





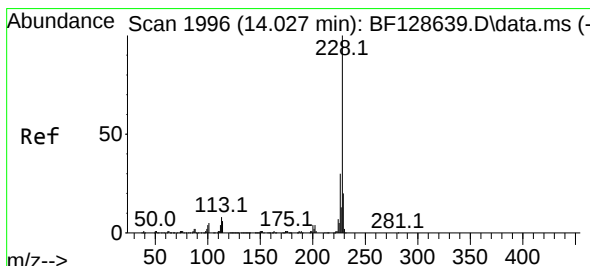
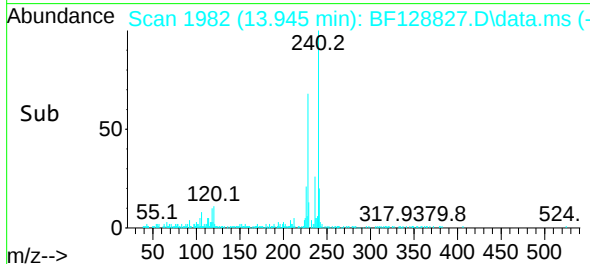
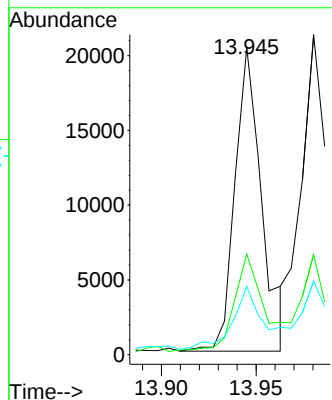
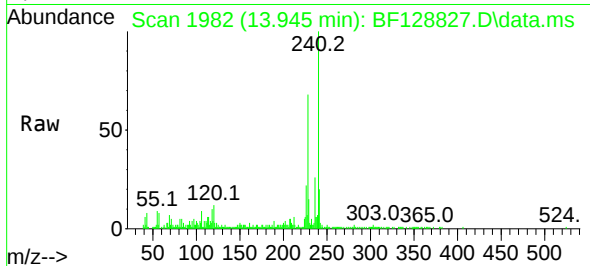
#81
Benzo(a)anthracene
Concen: 2.150 ng
RT: 13.945 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33

Instrument :
BNA_F
ClientSampleId :
CS-2

Tgt Ion:228 Resp: 19919
Ion Ratio Lower Upper
228 100
226 32.7 22.1 33.1
229 22.2 15.8 23.8

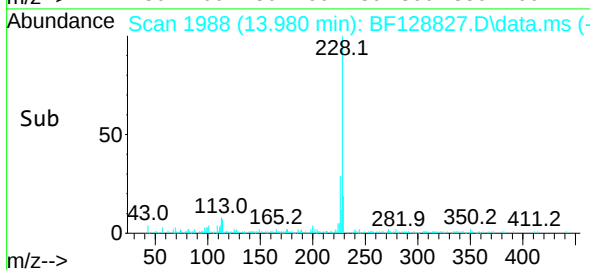
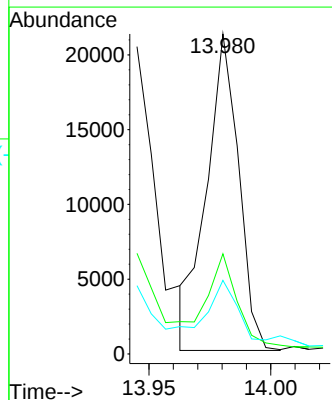
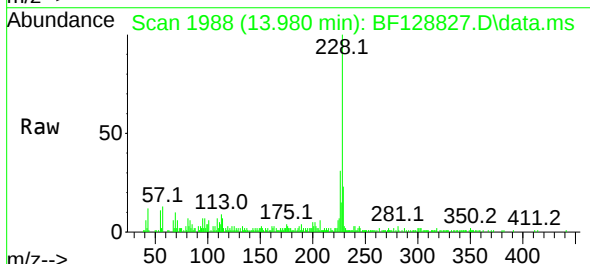
Manual Integrations
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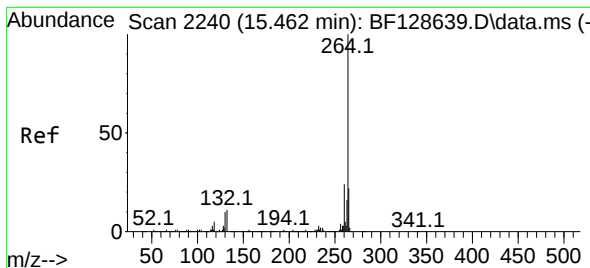
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#83
Chrysene
Concen: 2.185 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF128827.D
Acq: 15 Jun 2022 15:33

Tgt Ion:228 Resp: 19304
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 23.0 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BF128827.D

Acq: 15 Jun 2022 15:33

Instrument :

BNA_F

ClientSampleId :

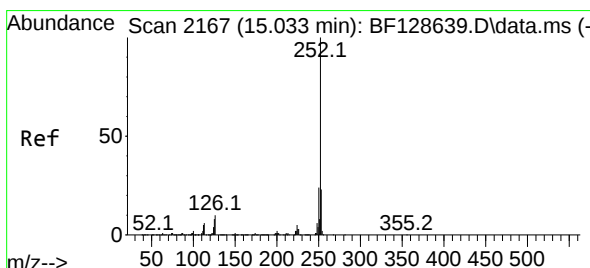
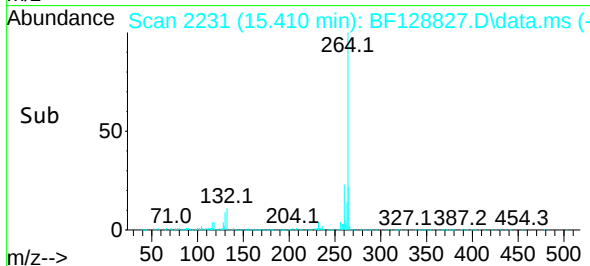
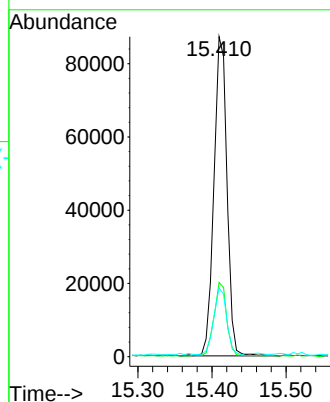
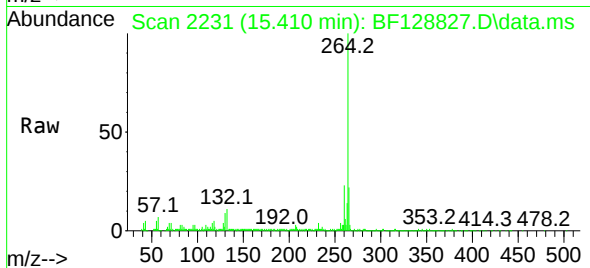
CS-2

Tgt Ion:264 Resp: 10654
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.5 17.2 25.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/16/2022
 Supervised By :mohammad ahmed 06/22/2022



#88

Benzo(b)fluoranthene

Concen: 2.145 ng m

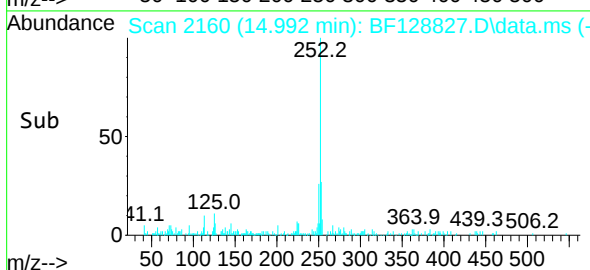
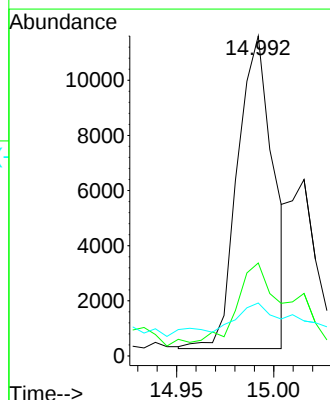
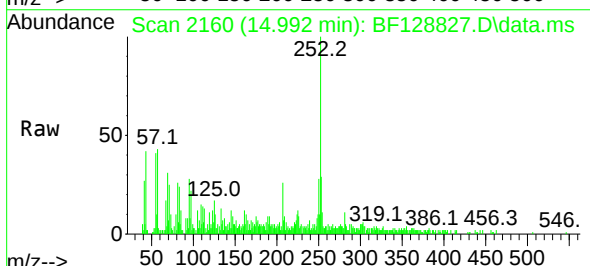
RT: 14.992 min Scan# 2160

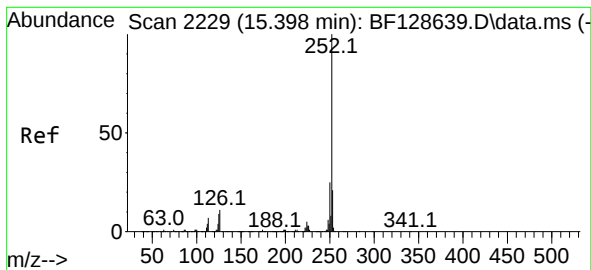
Delta R.T. 0.000 min

Lab File: BF128827.D

Acq: 15 Jun 2022 15:33

Tgt Ion:252 Resp: 14605
 Ion Ratio Lower Upper
 252 100
 253 29.0 17.7 26.5#
 125 16.6 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 2.179 ng

RT: 15.351 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128827.D

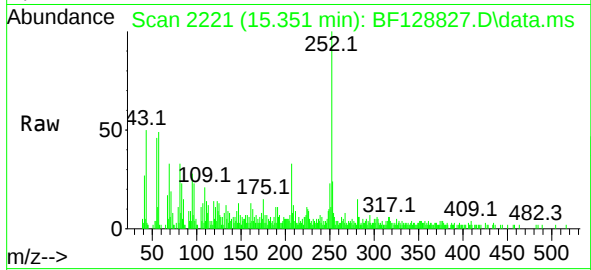
Acq: 15 Jun 2022 15:33

Instrument :

BNA_F

ClientSampleId :

CS-2



Tgt Ion:252 Resp: 1166

Ion Ratio Lower Upper

252 100

253 24.3 17.0 25.6

125 13.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022

Supervised By :mohammad ahmed 06/22/2022

