

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128828.D
 Acq On : 15 Jun 2022 16:03
 Operator : CG\JU
 Sample : N3340-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-1

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 16:48:13 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	72589	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	259663	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	130258	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	213666	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	144007	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	103825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	537247	117.889	ng	0.00
7) Phenol-d6	6.440	99	619634	111.387	ng	0.00
23) Nitrobenzene-d5	7.345	82	415458	74.493	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	141104	91.682	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	778452	83.715	ng	0.00
79) Terphenyl-d14	12.898	244	736026	88.811	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	40485	3.778	ng	99
75) Fluoranthene	12.522	202	60348	5.387	ng	97
78) Pyrene	12.751	202	59604	5.563	ng	97
81) Benzo(a)anthracene	13.945	228	20679	2.304	ng	94
83) Chrysene	13.980	228	26178m	3.059	ng	
88) Benzo(b)fluoranthene	14.992	252	24242m	3.654	ng	
90) Benzo(a)pyrene	15.351	252	15590	2.990	ng	# 92

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

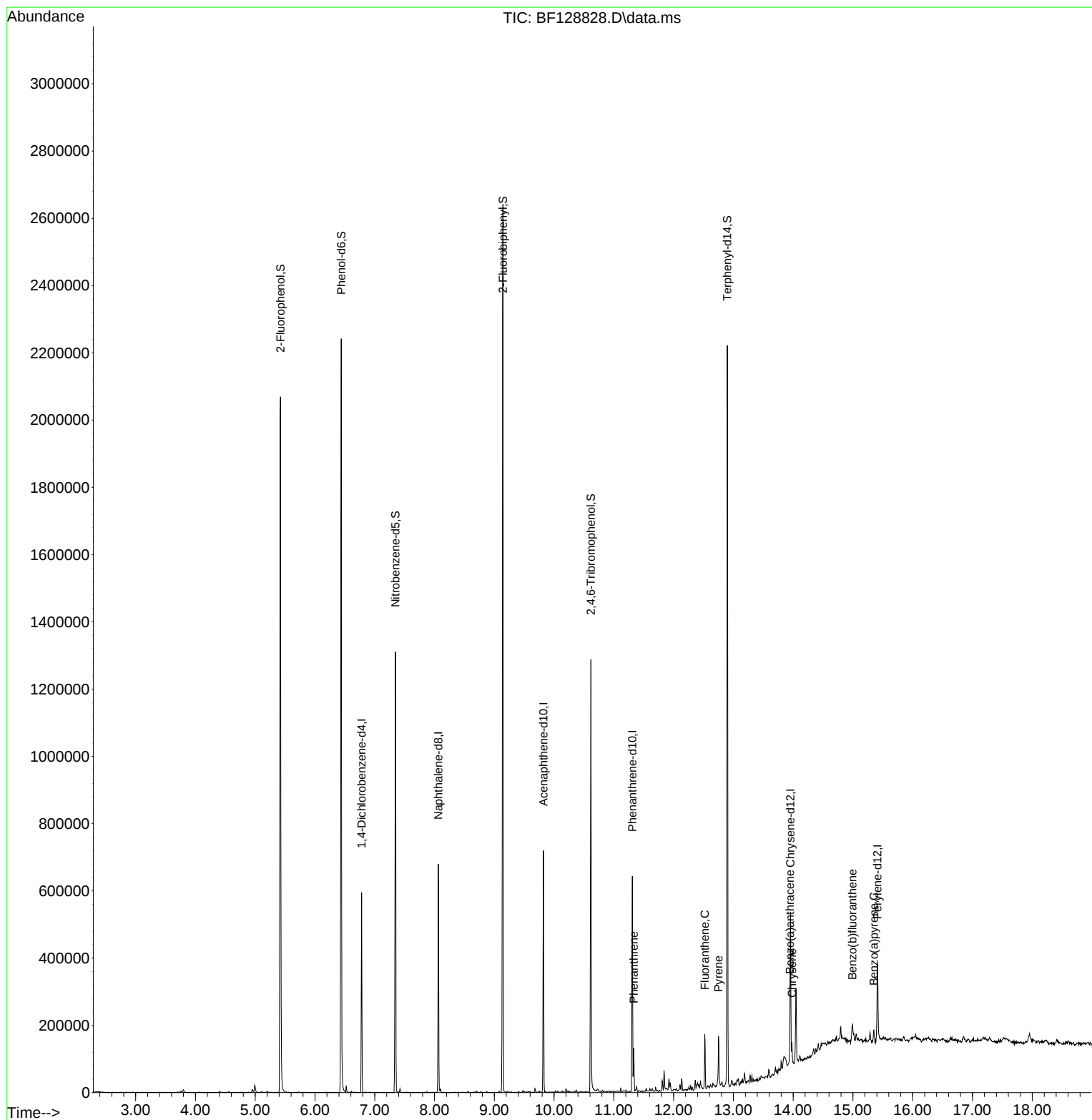
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128828.D
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Manual Integrations
APPROVED

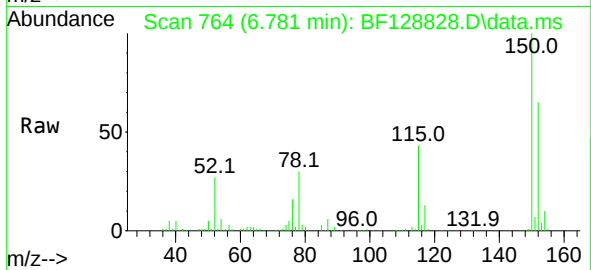
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03

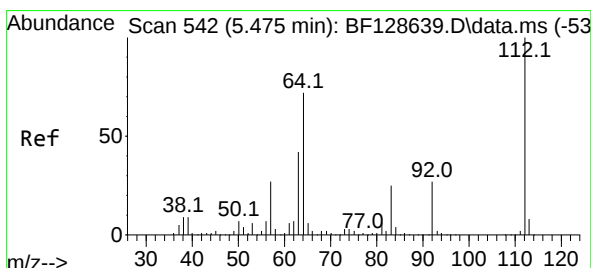
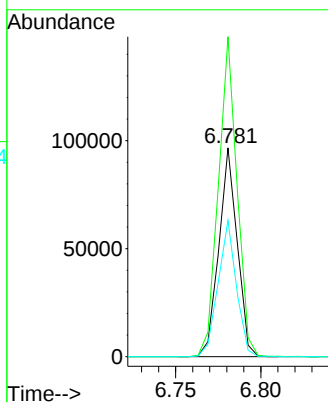
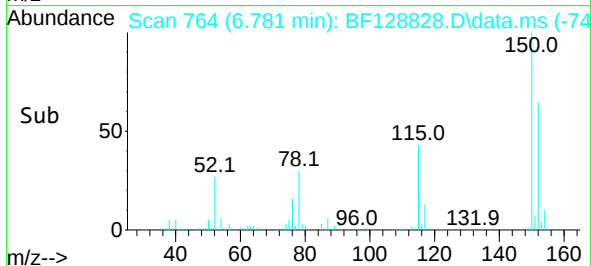
Instrument :
BNA_F
ClientSampleId :
CS-1



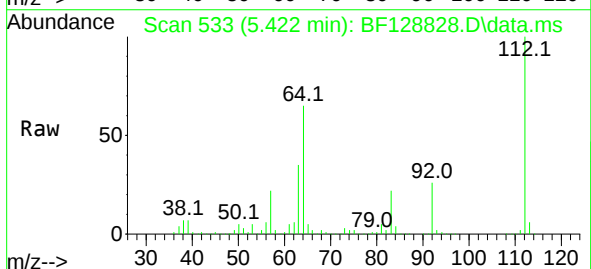
Tgt Ion:152 Resp: 72589
Ion Ratio Lower Upper
152 100
150 153.2 123.7 185.5
115 65.3 49.9 74.9

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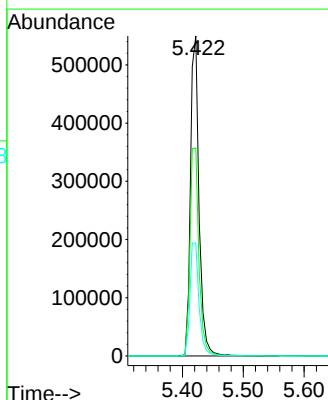
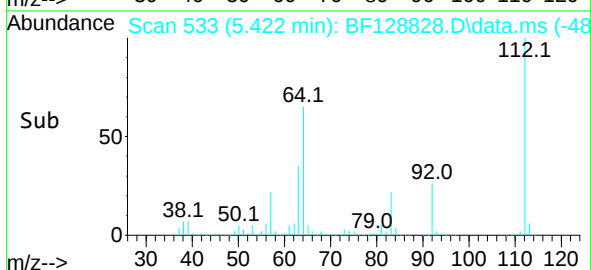
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

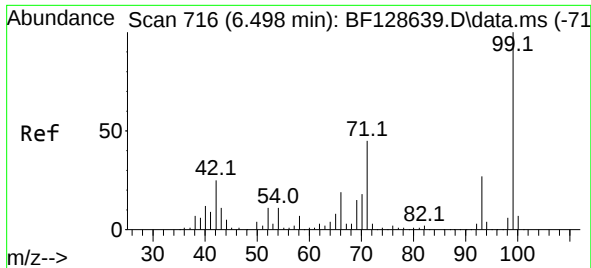


#5
2-Fluorophenol
Concen: 117.889 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03



Tgt Ion:112 Resp: 537247
Ion Ratio Lower Upper
112 100
64 65.0 53.3 79.9
63 35.3 28.0 42.0





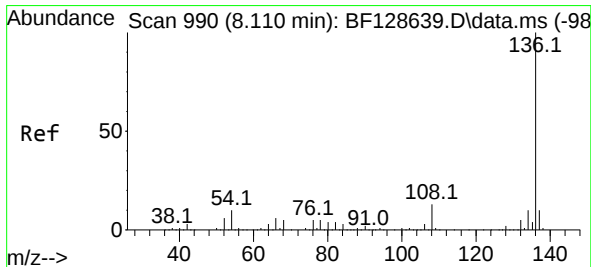
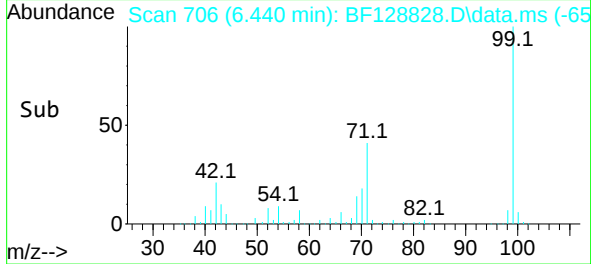
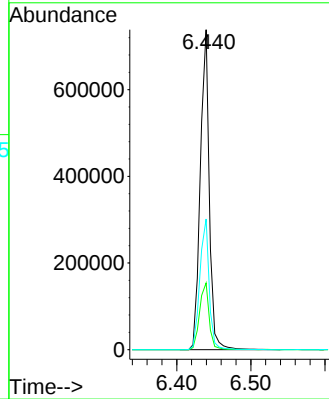
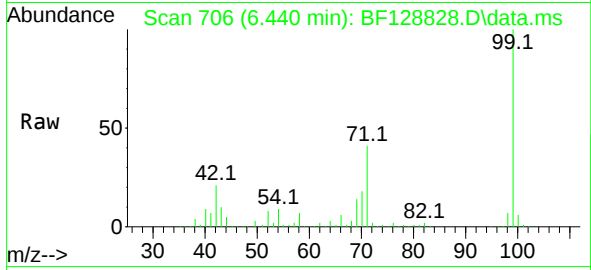
#7
Phenol-d6
Concen: 111.387 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03

Instrument :
BNA_F
ClientSampleId :
CS-1

Tgt Ion: 99 Resp: 619634
Ion Ratio Lower Upper
99 100
42 20.8 17.3 25.9
71 40.8 28.9 43.3

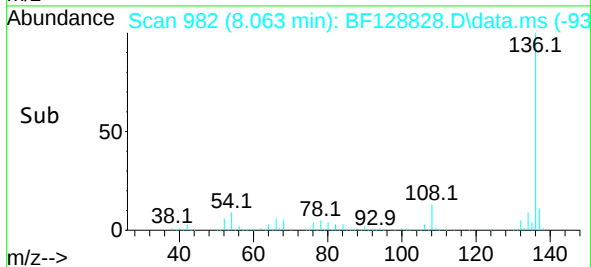
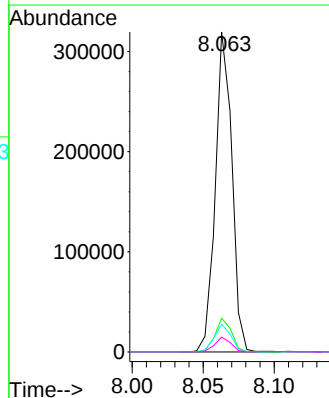
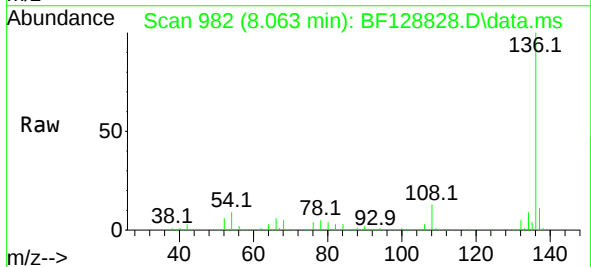
Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03

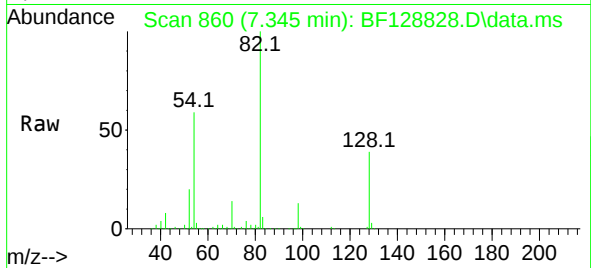
Tgt Ion:136 Resp: 259663
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.7 7.5 11.3
68 4.7 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 74.493 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03

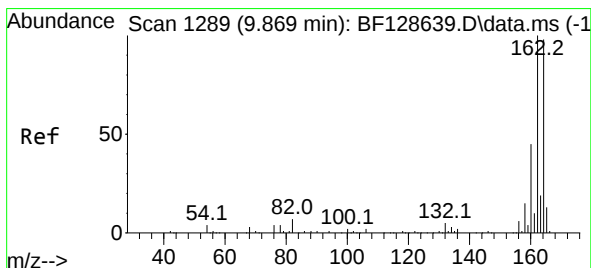
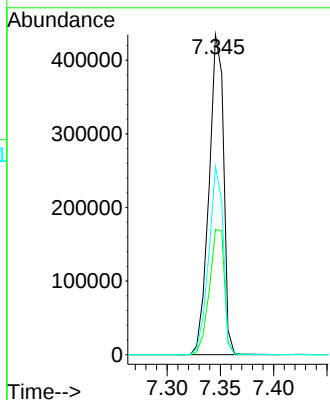
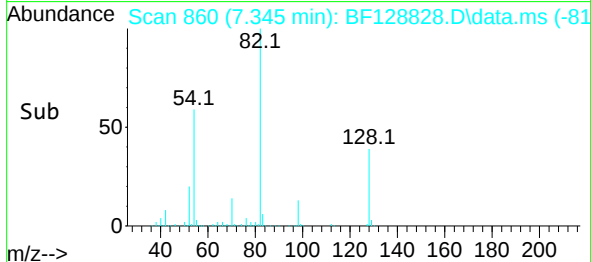
Instrument :
BNA_F
ClientSampleId :
CS-1



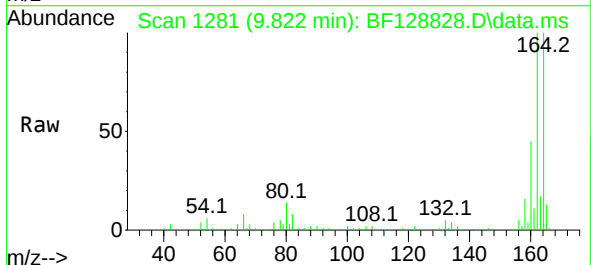
Tgt Ion: 82 Resp: 415458
Ion Ratio Lower Upper
82 100
128 39.1 34.0 51.0
54 58.7 46.9 70.3

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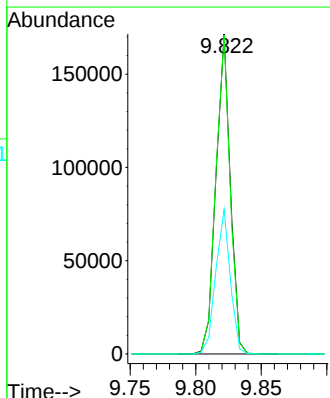
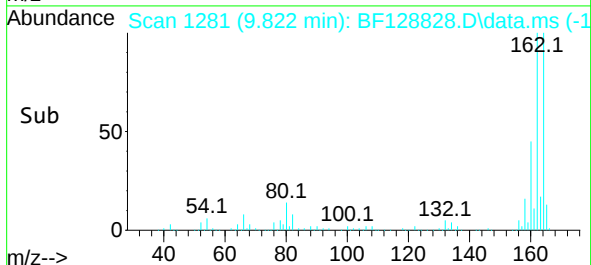
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

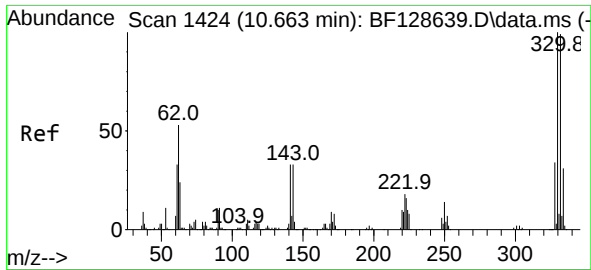


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03



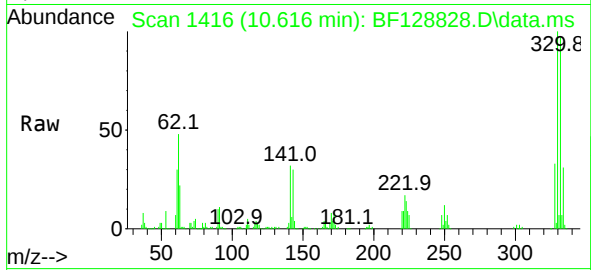
Tgt Ion:164 Resp: 130258
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.1 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 91.682 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03

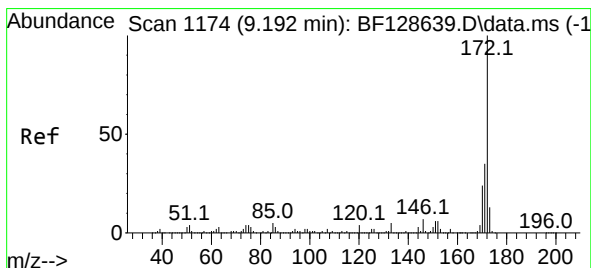
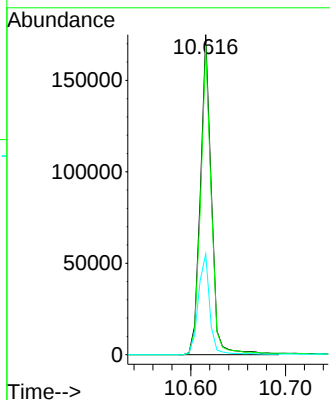
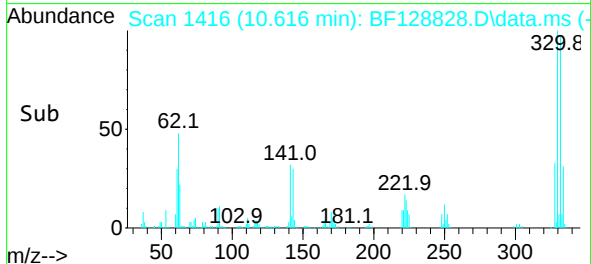
Instrument :
BNA_F
ClientSampleId :
CS-1



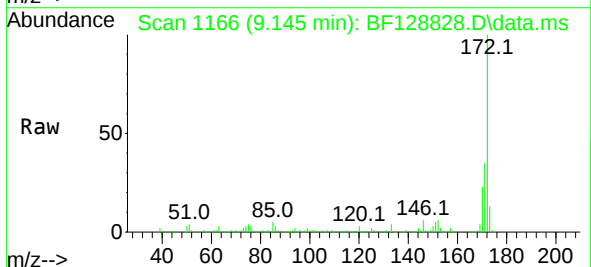
Tgt Ion: 330 Resp: 141104
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 32.9 28.0 42.0

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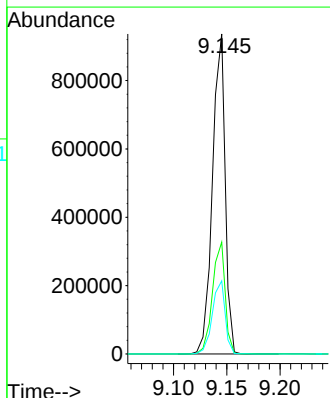
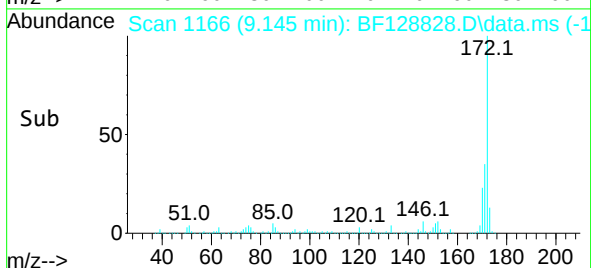
Reviewed By : Jagrut Upadhyay 06/16/2022
Supervised By : mohammad ahmed 06/22/2022

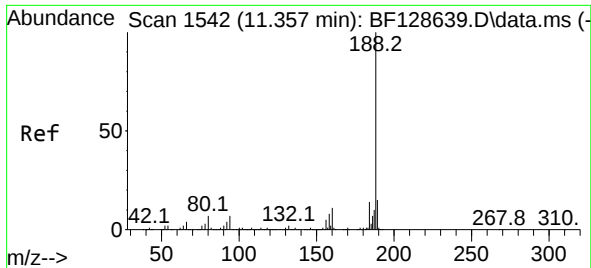


#45
2-Fluorobiphenyl
Concen: 83.715 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03



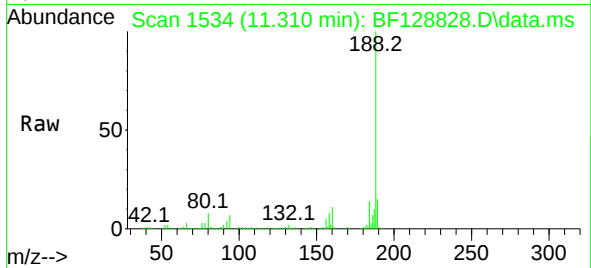
Tgt Ion: 172 Resp: 778452
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 22.8 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03

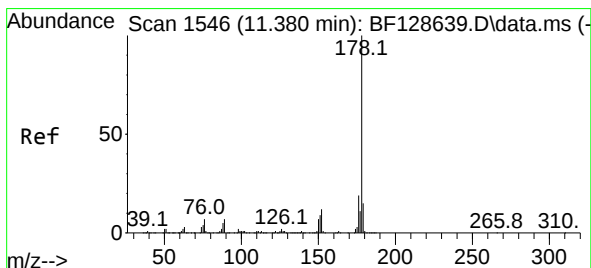
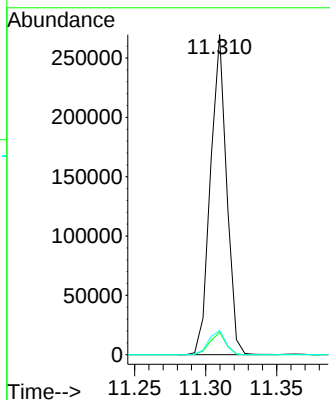
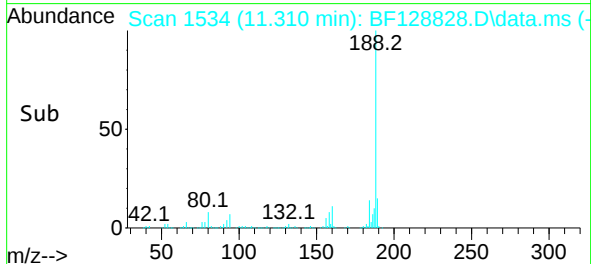
Instrument :
BNA_F
ClientSampleId :
CS-1



Tgt Ion:188 Resp: 213660
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6
80 7.5 7.6 11.4

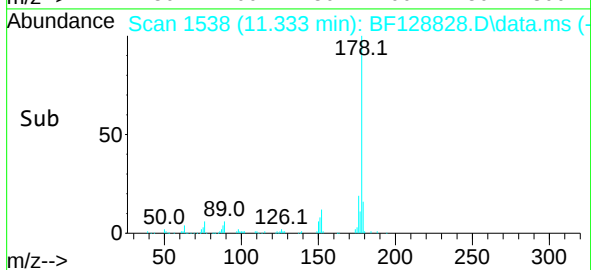
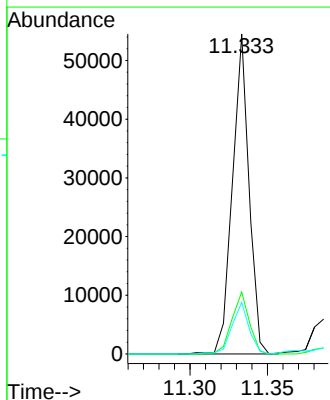
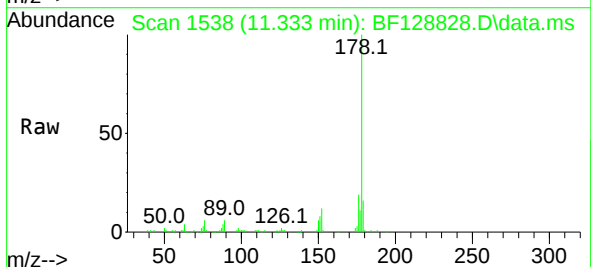
Manual Integrations
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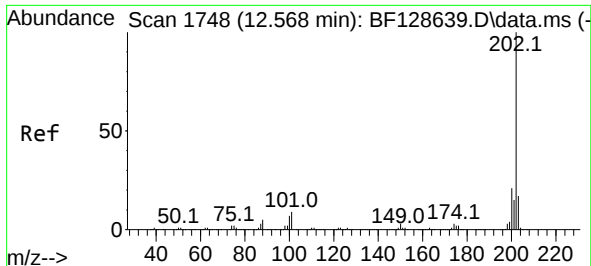
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#71
Phenanthrene
Concen: 3.778 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03

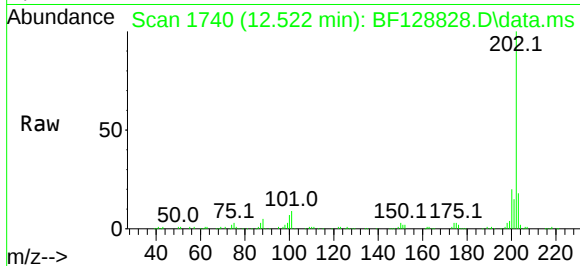
Tgt Ion:178 Resp: 40485
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 16.1 12.6 19.0





#75
Fluoranthene
Concen: 5.387 ng
RT: 12.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03

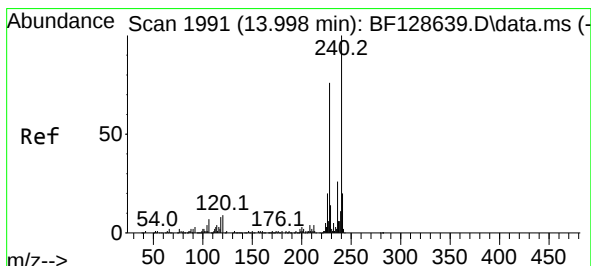
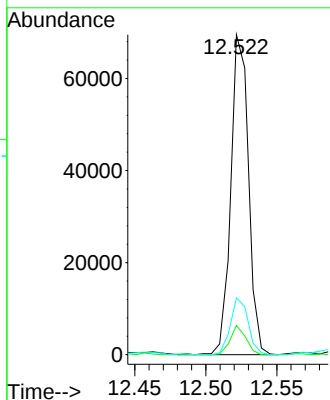
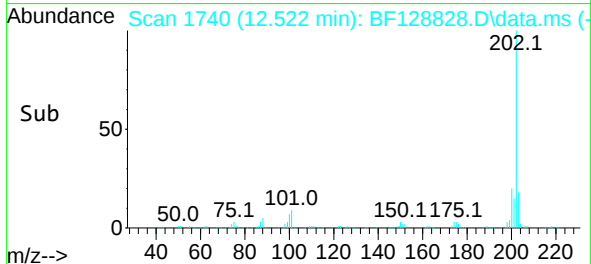
Instrument :
BNA_F
ClientSampleId :
CS-1



Tgt Ion:202 Resp: 60348
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.4
203 17.8 0.0 38.0

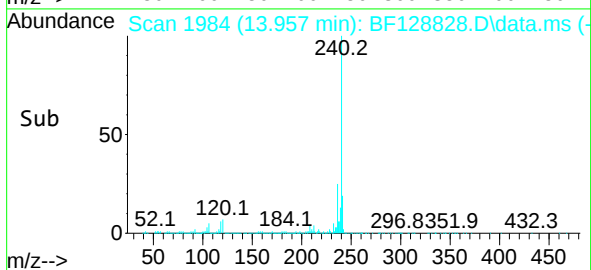
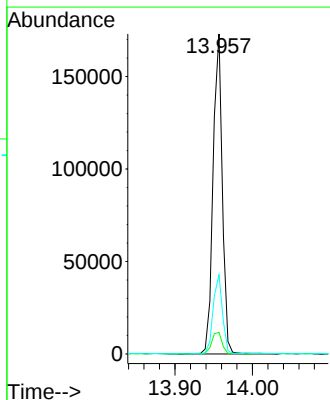
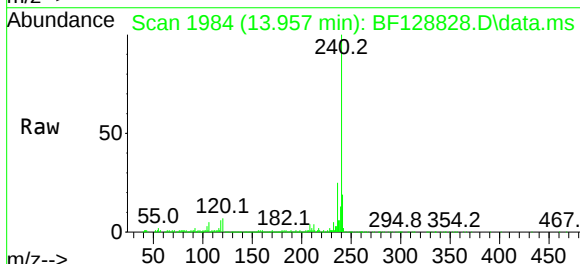
Manual Integrations
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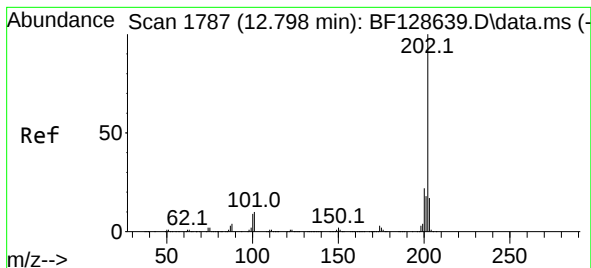
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03

Tgt Ion:240 Resp: 144007
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 24.7 20.8 31.2





#78

Pyrene

Concen: 5.563 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128828.D

Acq: 15 Jun 2022 16:03

Instrument :

BNA_F

ClientSampleId :

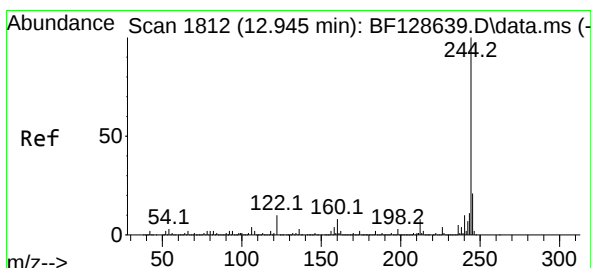
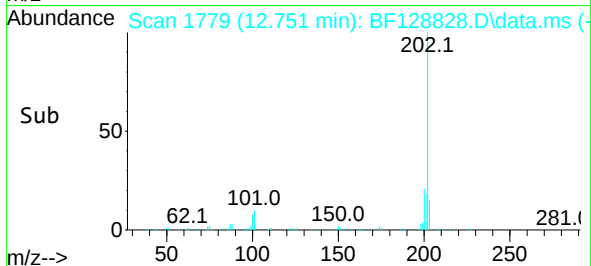
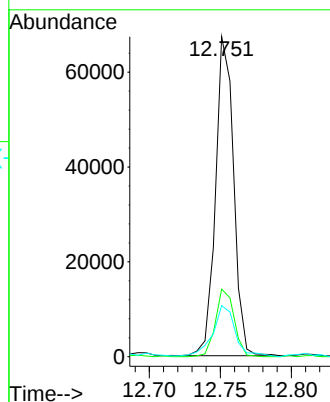
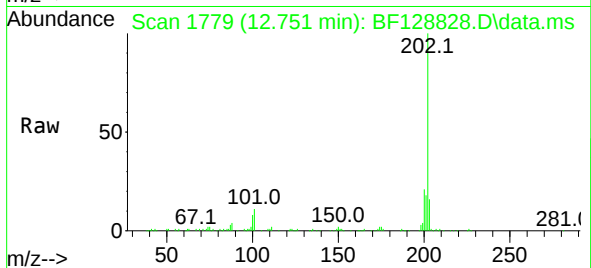
CS-1

Tgt Ion:202 Resp: 59604
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.7 26.5
 203 16.0 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: 88.811 ng

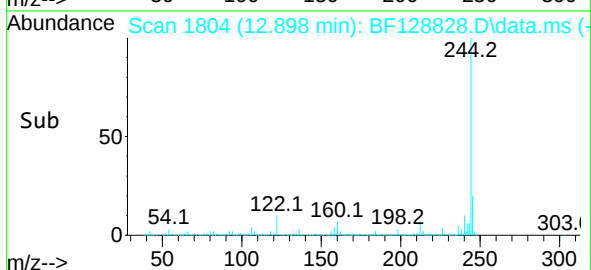
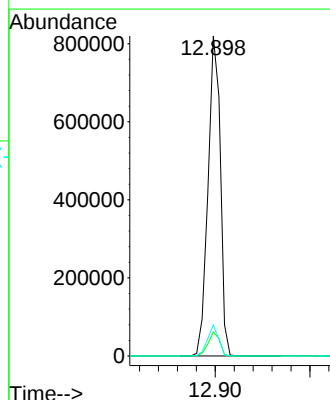
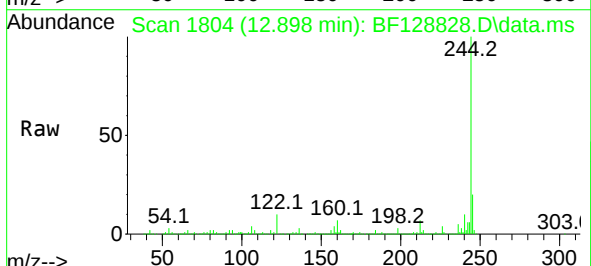
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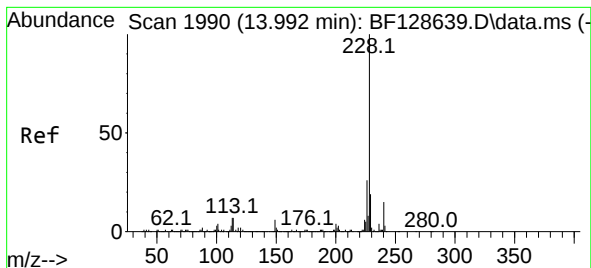
Delta R.T. -0.006 min

Lab File: BF128828.D

Acq: 15 Jun 2022 16:03

Tgt Ion:244 Resp: 736026
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.7 8.8 13.2





#81

Benzo(a)anthracene

Concen: 2.304 ng

RT: 13.945 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BF128828.D

Acq: 15 Jun 2022 16:03

Instrument :

BNA_F

ClientSampleId :

CS-1

Tgt Ion:228 Resp: 20679

Ion Ratio Lower Upper

228 100

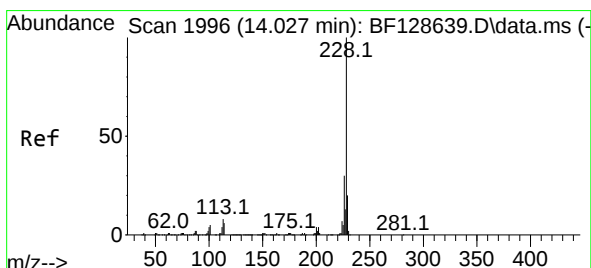
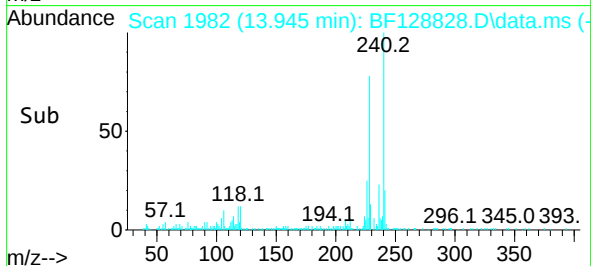
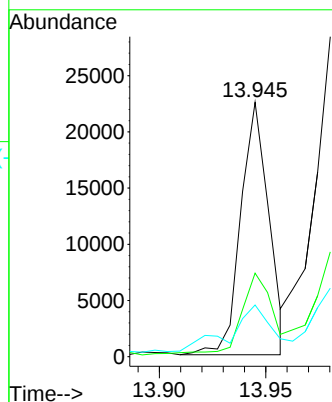
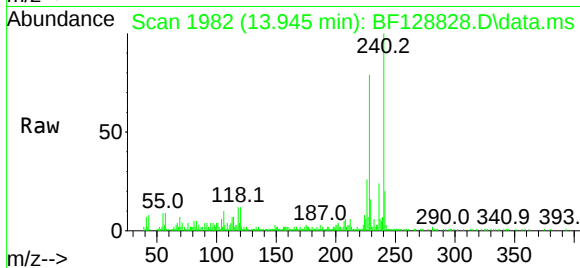
226 32.9 22.1 33.1

229 20.3 15.8 23.8

Manual Integrations

APPROVED

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



#83

Chrysene

Concen: 3.059 ng m

RT: 13.980 min Scan# 1988

Delta R.T. -0.012 min

Lab File: BF128828.D

Acq: 15 Jun 2022 16:03

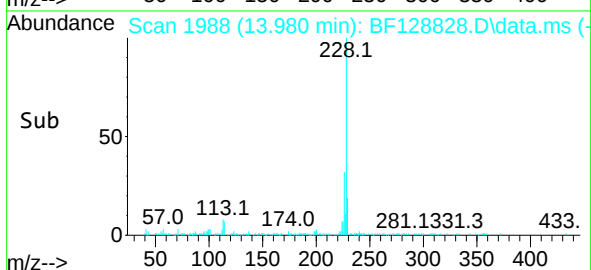
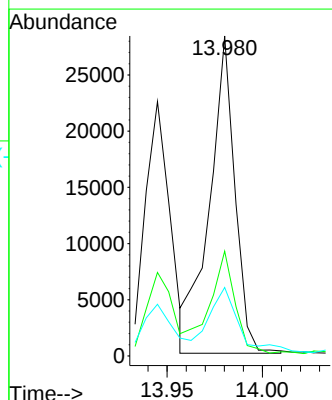
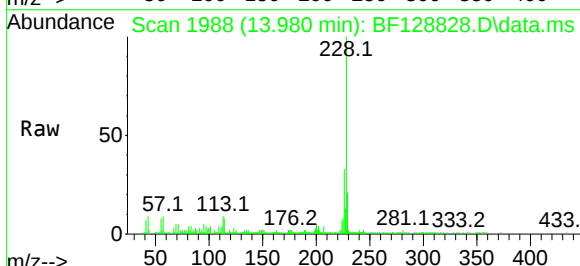
Tgt Ion:228 Resp: 26178

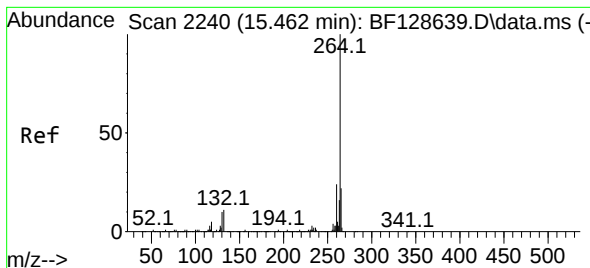
Ion Ratio Lower Upper

228 100

226 32.7 24.3 36.5

229 21.4 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128828.D

Acq: 15 Jun 2022 16:03

Instrument :

BNA_F

ClientSampleId :

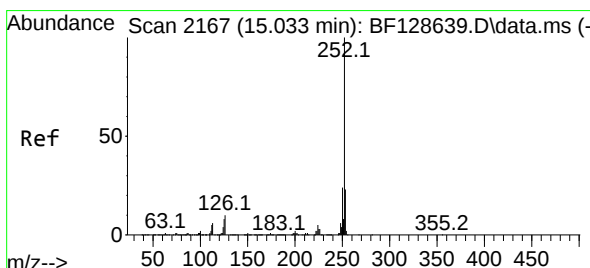
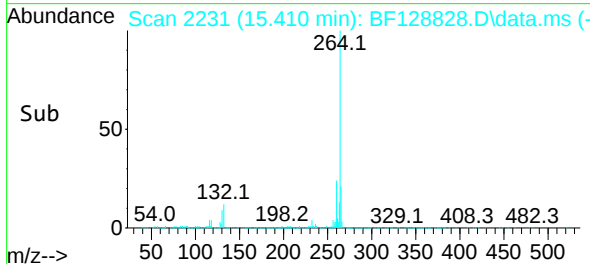
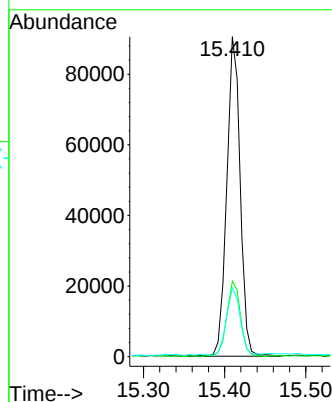
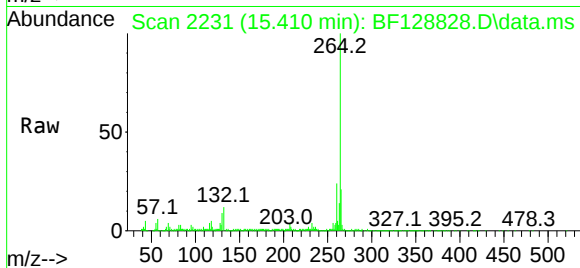
CS-1

Tgt Ion:264 Resp: 103829
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.5 17.2 25.8

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 3.654 ng m

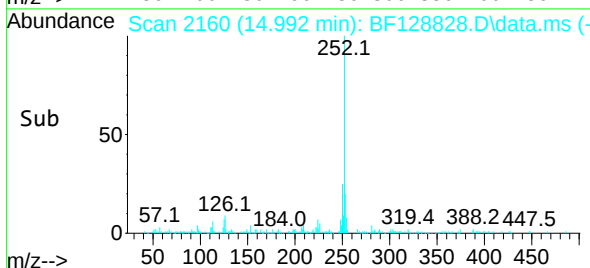
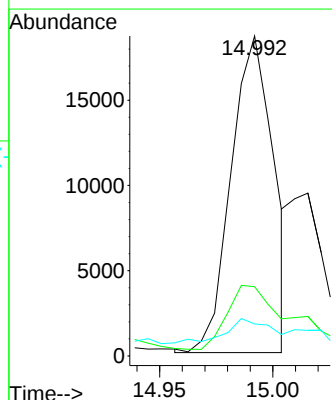
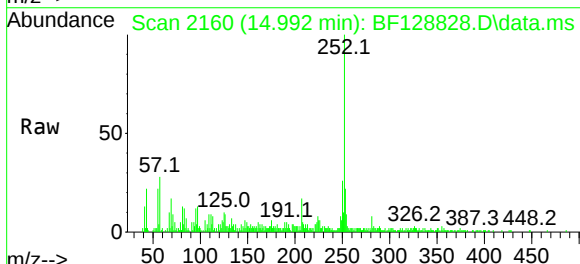
RT: 14.992 min Scan# 2160

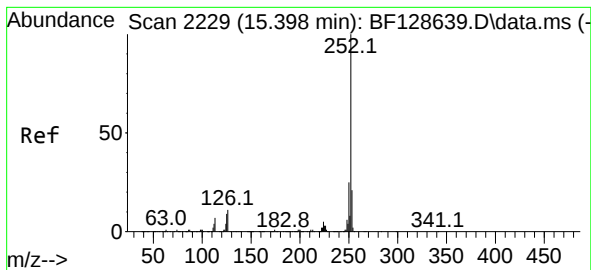
Delta R.T. -0.000 min

Lab File: BF128828.D

Acq: 15 Jun 2022 16:03

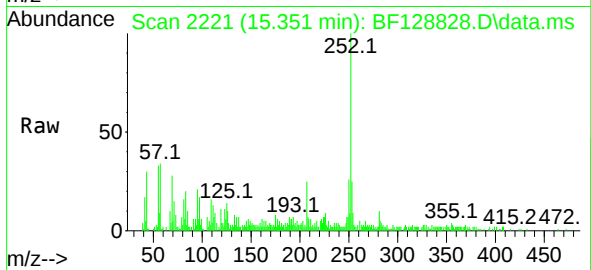
Tgt Ion:252 Resp: 24242
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.7 26.5
 125 10.0 8.0 12.0





#90
Benzo(a)pyrene
Concen: 2.990 ng
RT: 15.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128828.D
Acq: 15 Jun 2022 16:03

Instrument :
BNA_F
ClientSampleId :
CS-1



Tgt Ion:252 Resp: 15590
Ion Ratio Lower Upper
252 100
253 25.0 17.0 25.6
125 14.1 8.8 13.2

Manual Integrations
APPROVED

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

