

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135362.D
 Acq On : 20 Sep 2023 17:39
 Operator : CG\JU
 Sample : 04351-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT101-01

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 21 01:52:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	135778	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	489538	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	217322	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	344079	20.000	ng	0.00
76) Chrysene-d12	13.939	240	241263	20.000	ng	0.00
86) Perylene-d12	15.404	264	280812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	608332	72.870	ng	0.00
7) Phenol-d6	6.398	99	778914	73.378	ng	0.00
23) Nitrobenzene-d5	7.322	82	464048	51.501	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	122554	56.747	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	789577	54.815	ng	-0.01
79) Terphenyl-d14	12.880	244	554085	35.602	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.504	202	58693	3.461	ng	100
78) Pyrene	12.733	202	54006	2.351	ng	98
81) Benzo(a)anthracene	13.927	228	36970	2.373	ng	98
83) Chrysene	13.968	228	37049	2.392	ng	97
88) Benzo(b)fluoranthene	14.980	252	48170m	3.169	ng	
90) Benzo(a)pyrene	15.345	252	34492	2.379	ng	98

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

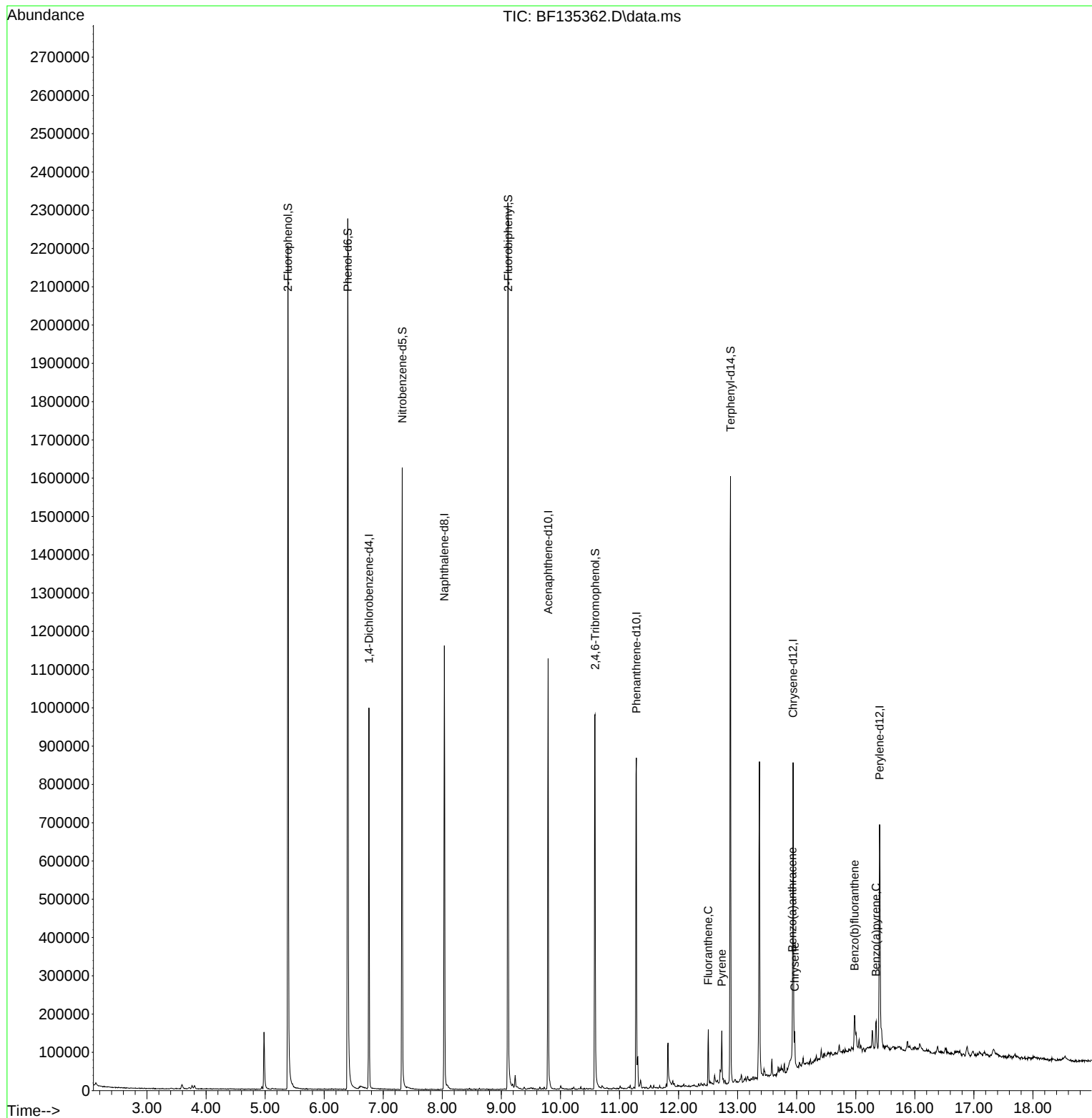
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
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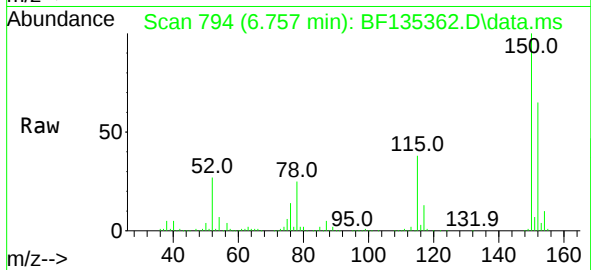
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

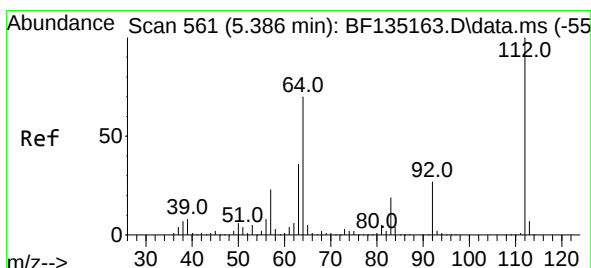
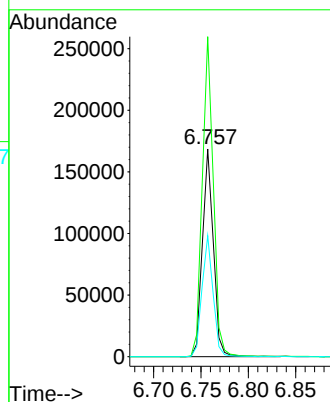
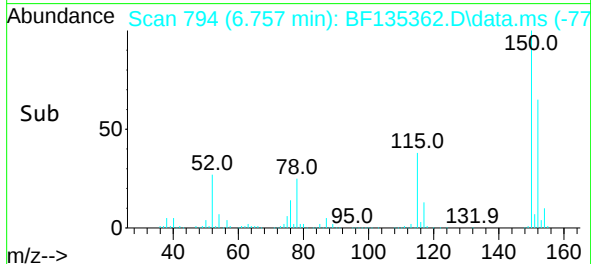
Instrument :
BNA_F
ClientSampleId :
CPT101-01



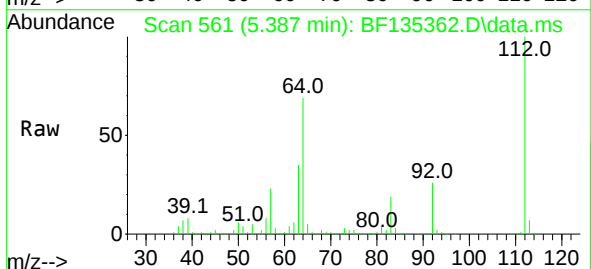
Tgt Ion:152 Resp: 135778
Ion Ratio Lower Upper
152 100
150 154.0 127.8 191.6
115 58.3 49.8 74.8

Manual Integrations
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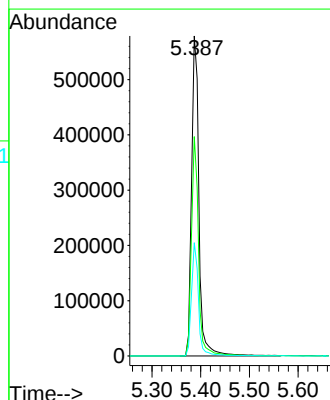
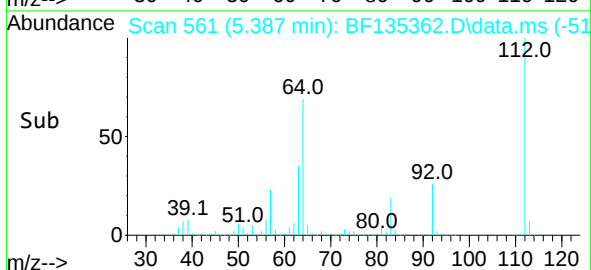
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

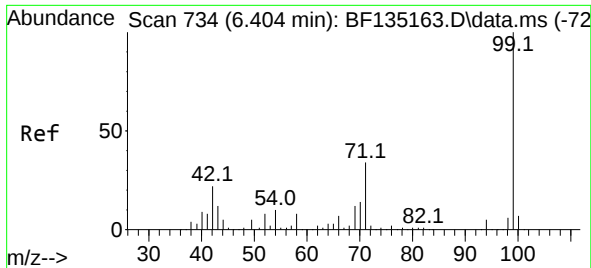


#5
2-Fluorophenol
Concen: 72.870 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39



Tgt Ion:112 Resp: 608332
Ion Ratio Lower Upper
112 100
64 68.6 55.9 83.9
63 35.4 29.0 43.6





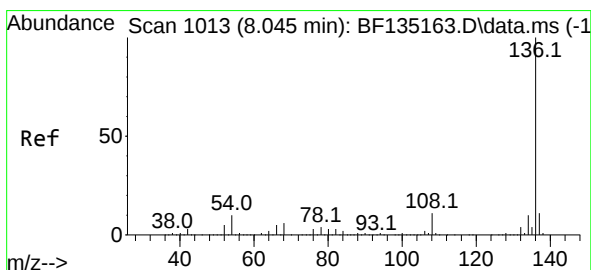
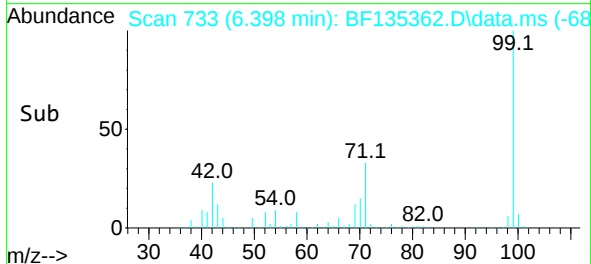
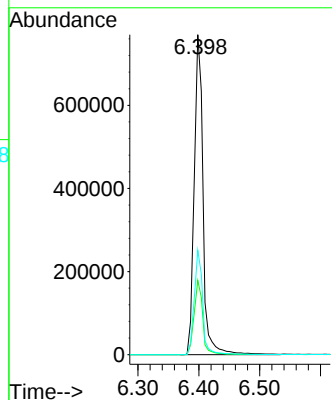
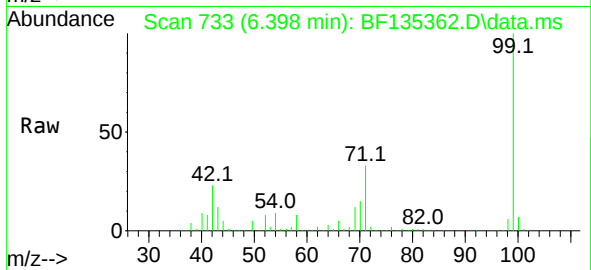
#7
Phenol-d6
Concen: 73.378 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

Instrument :
BNA_F
ClientSampleId :
CPT101-01

Tgt Ion: 99 Resp: 778914
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 32.6 27.0 40.6

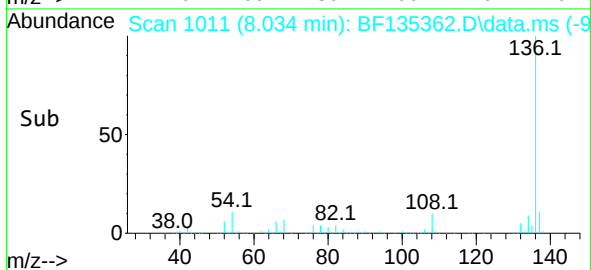
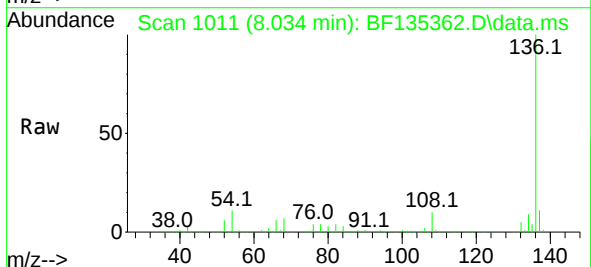
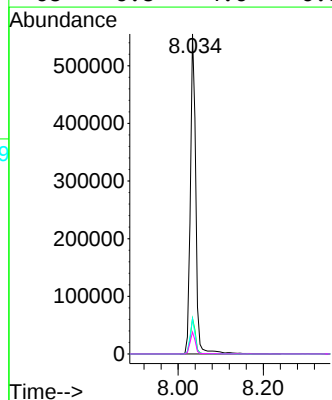
Manual Integrations
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Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

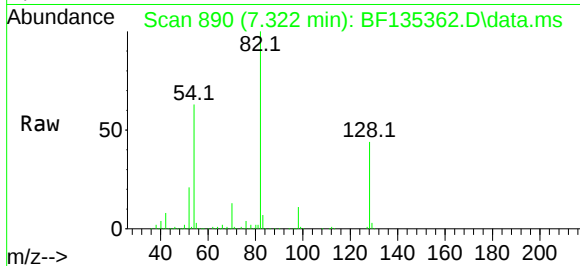
Tgt Ion:136 Resp: 489538
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.1 7.7 11.5
68 6.8 4.6 6.8#





#23
Nitrobenzene-d5
Concen: 51.501 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

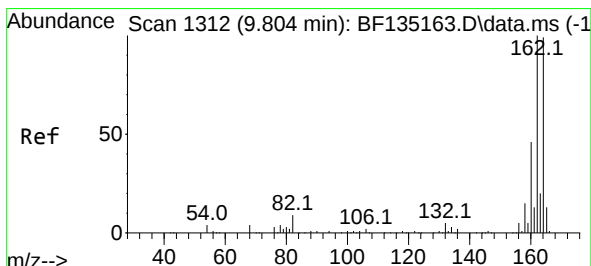
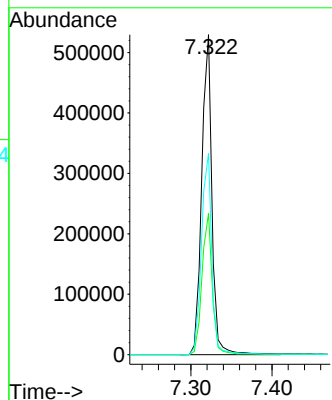
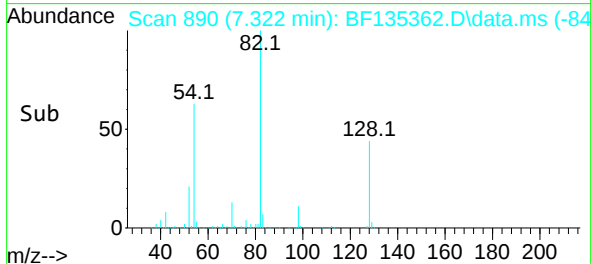
Instrument :
BNA_F
ClientSampleId :
CPT101-01



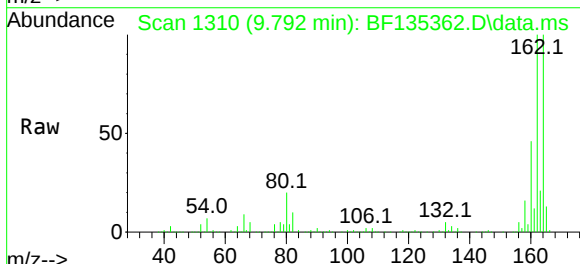
Tgt Ion: 82 Resp: 464048
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 62.9 50.6 76.0

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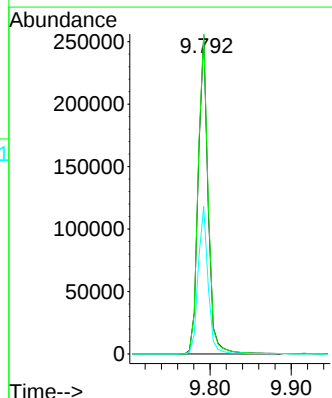
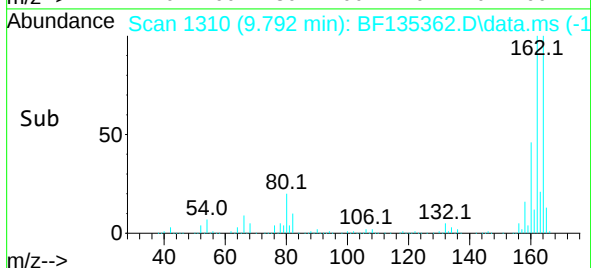
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39



Tgt Ion:164 Resp: 217322
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 46.3 37.0 55.4





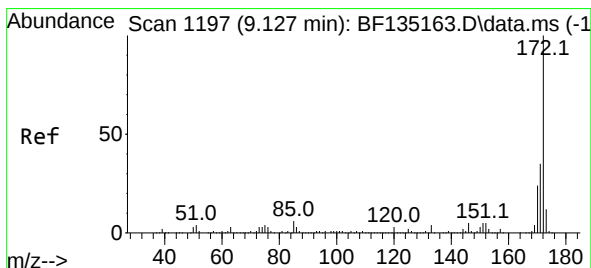
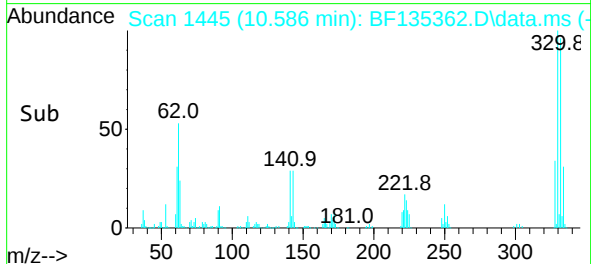
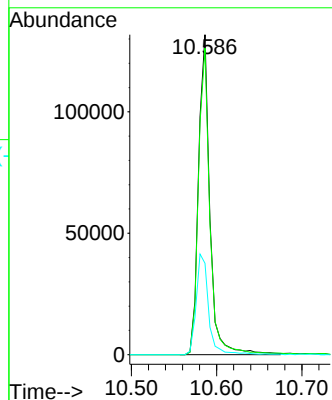
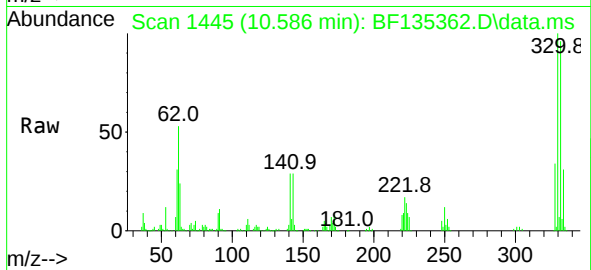
#42
2,4,6-Tribromophenol
Concen: 56.747 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

Instrument :
BNA_F
ClientSampleId :
CPT101-01

Tgt Ion: 330 Resp: 122554
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 34.3 25.8 38.8

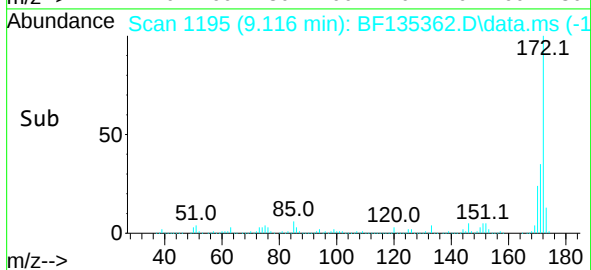
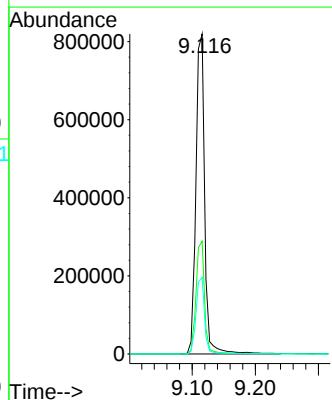
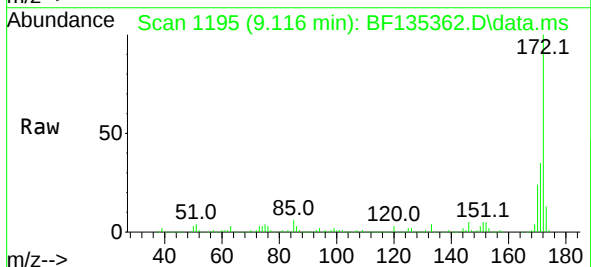
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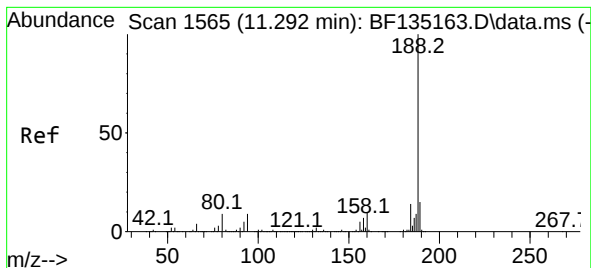
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#45
2-Fluorobiphenyl
Concen: 54.815 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

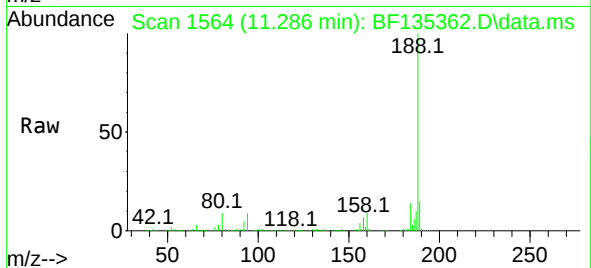
Tgt Ion: 172 Resp: 789577
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.9 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

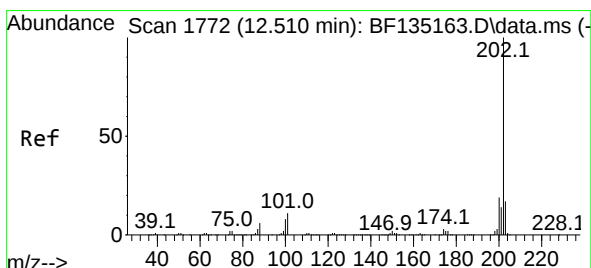
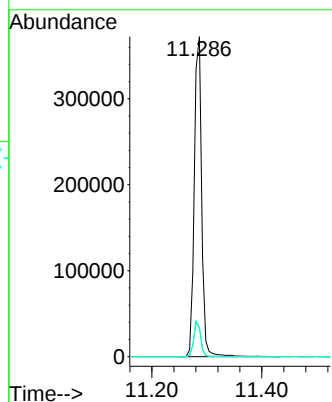
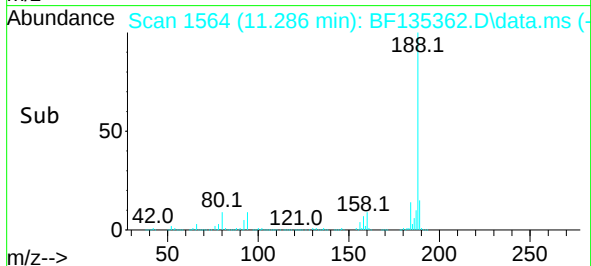
Instrument :
BNA_F
ClientSampleId :
CPT101-01



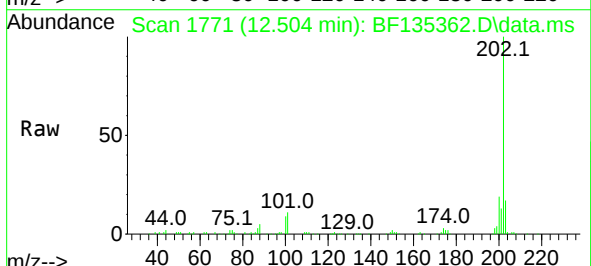
Tgt Ion:188 Resp: 344079
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.2 7.5 11.3

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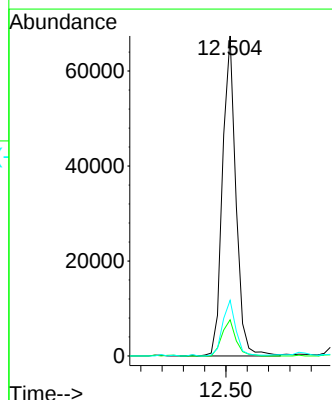
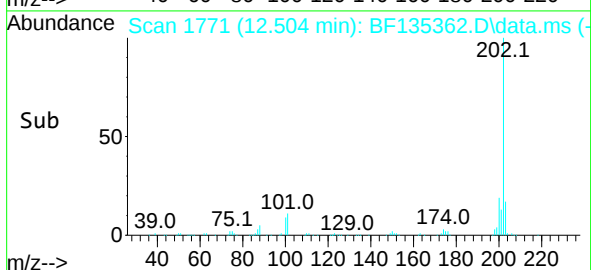
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

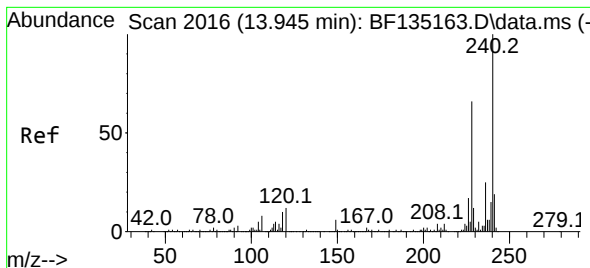


#75
Fluoranthene
Concen: 3.461 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39



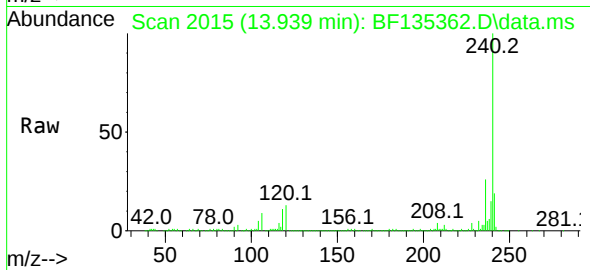
Tgt Ion:202 Resp: 58693
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.3
203 17.4 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

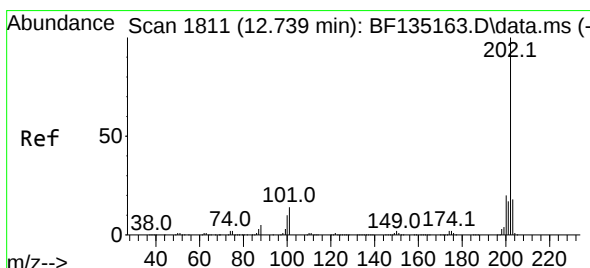
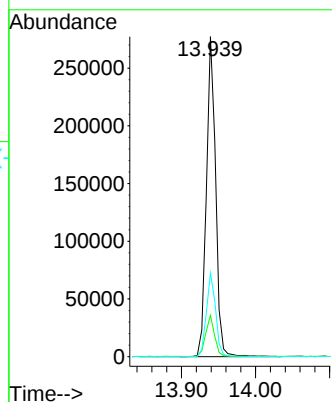
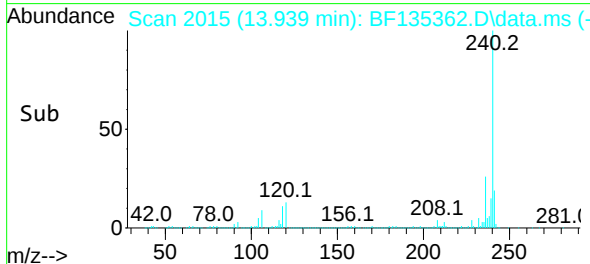
Instrument :
BNA_F
ClientSampleId :
CPT101-01



Tgt Ion:240 Resp: 24126
Ion Ratio Lower Upper
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120 13.0 9.4 14.2
236 26.2 19.8 29.8

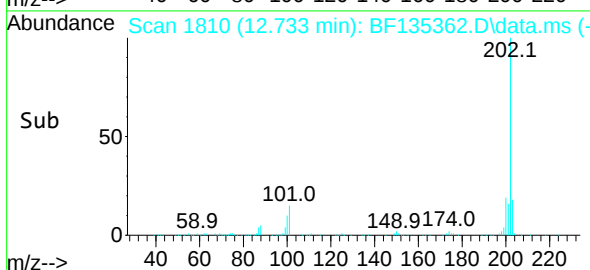
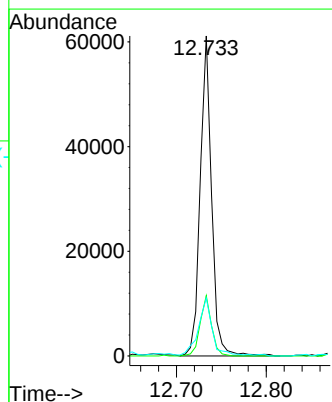
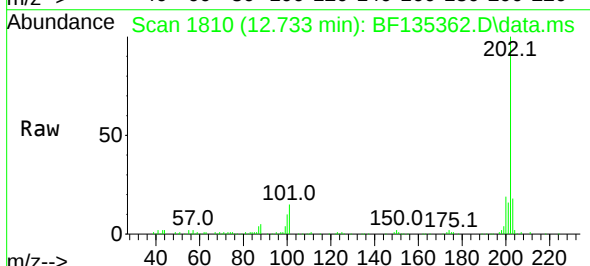
Manual Integrations
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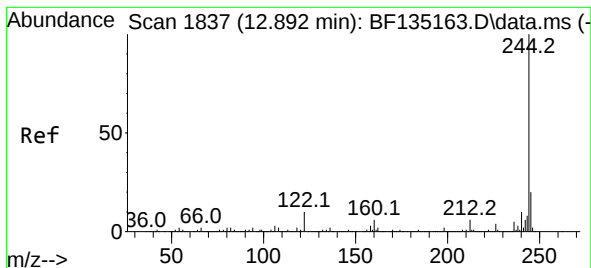
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#78
Pyrene
Concen: 2.351 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

Tgt Ion:202 Resp: 54006
Ion Ratio Lower Upper
202 100
200 18.8 16.2 24.2
203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 35.602 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135362.D

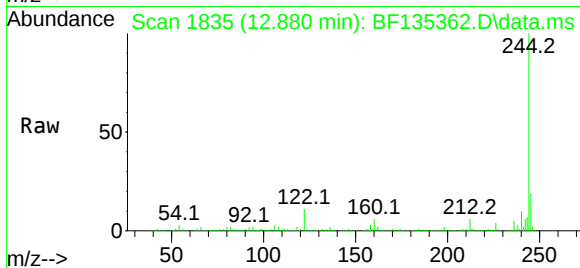
Acq: 20 Sep 2023 17:39

Instrument :

BNA_F

ClientSampleId :

CPT101-01



Tgt Ion:244 Resp: 55408

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

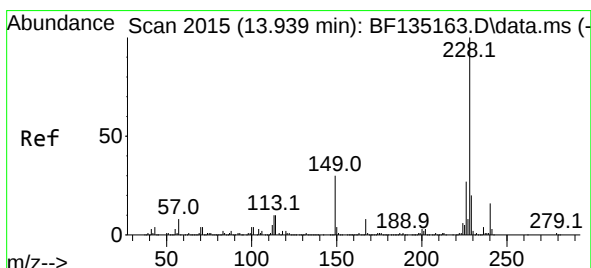
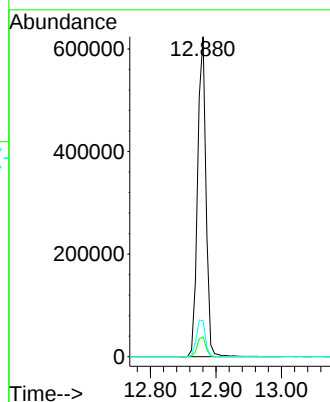
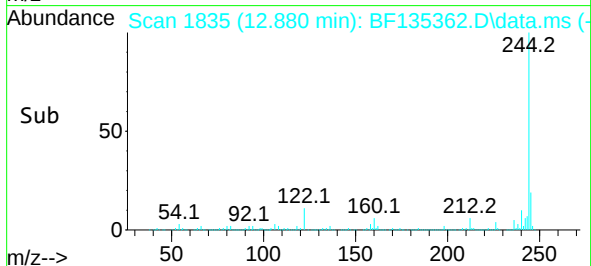
122 11.3 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#81

Benzo(a)anthracene

Concen: 2.373 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF135362.D

Acq: 20 Sep 2023 17:39

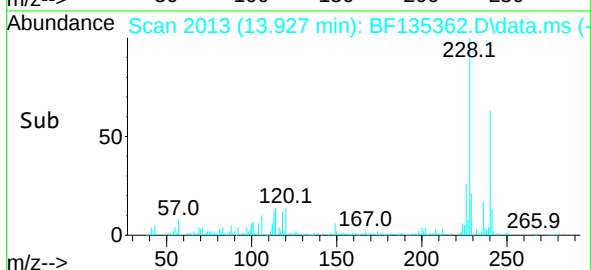
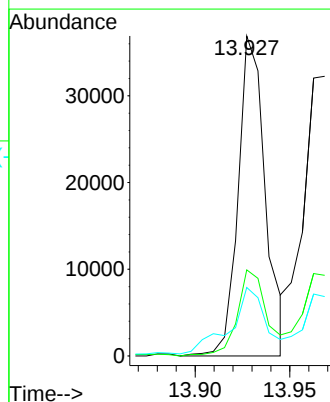
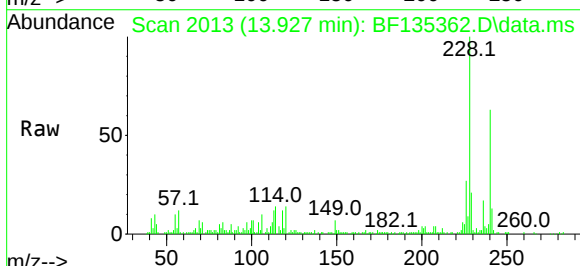
Tgt Ion:228 Resp: 36970

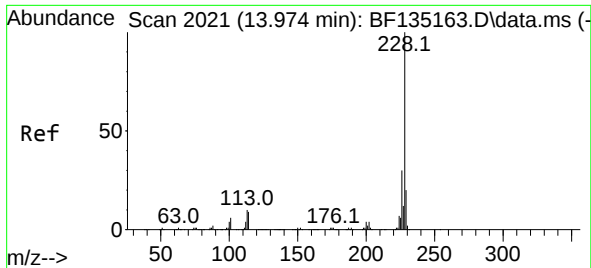
Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

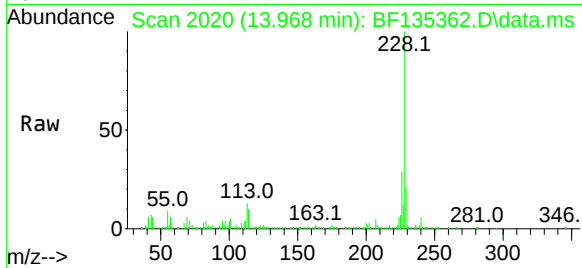
229 21.4 15.8 23.8





#83
Chrysene
Concen: 2.392 ng
RT: 13.968 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

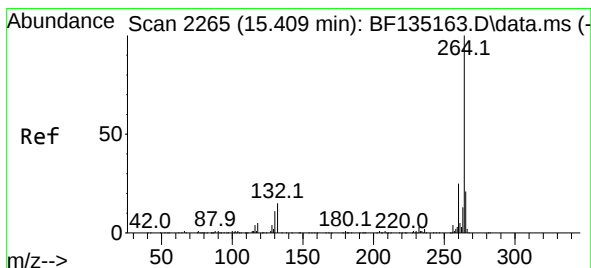
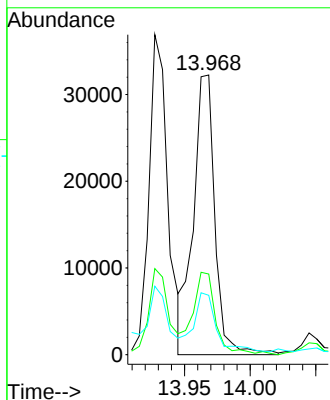
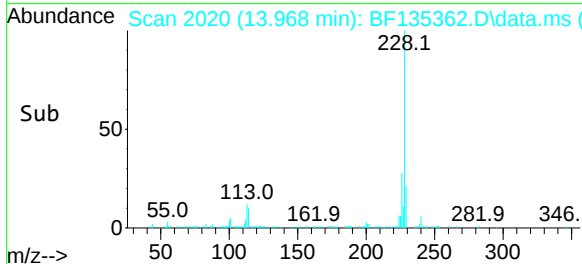
Instrument :
BNA_F
ClientSampleId :
CPT101-01



Tgt Ion:228 Resp: 37049
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 21.2 16.0 24.0

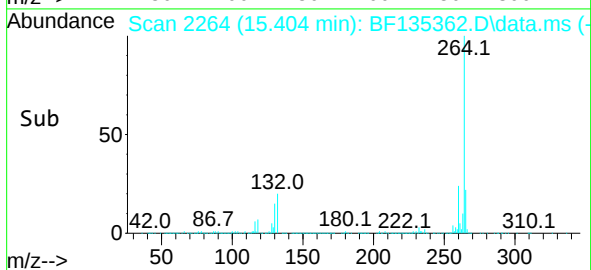
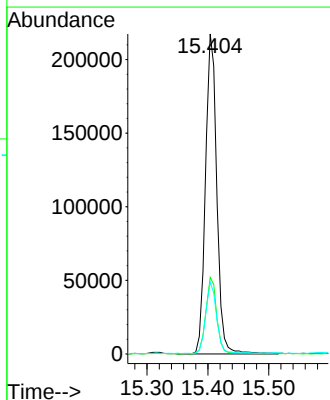
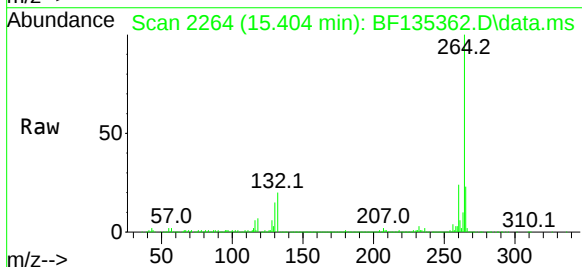
Manual Integrations
APPROVED

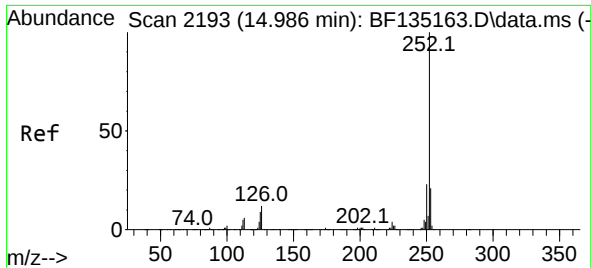
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

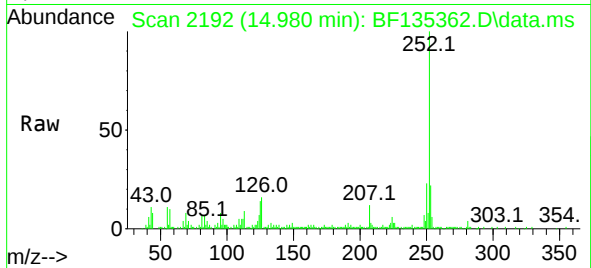
Tgt Ion:264 Resp: 280812
Ion Ratio Lower Upper
264 100
260 23.9 19.8 29.6
265 22.5 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 3.169 ng m
RT: 14.980 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

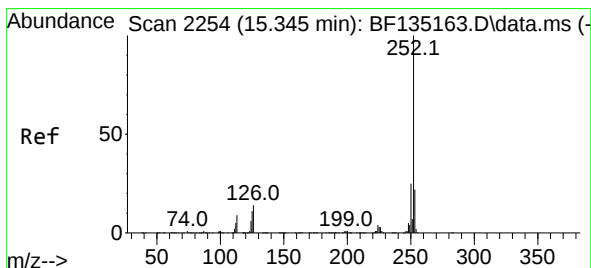
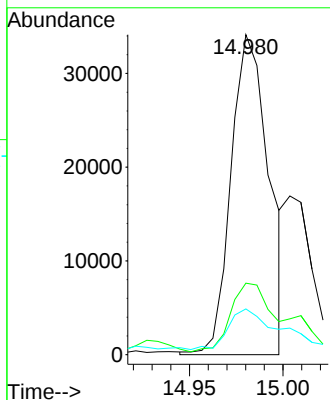
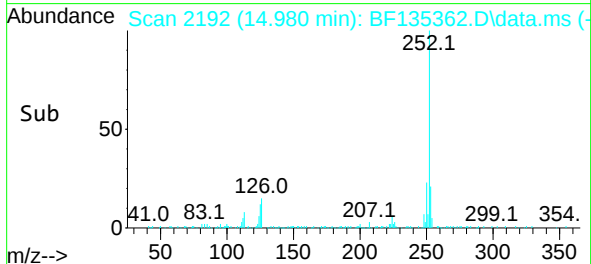
Instrument :
BNA_F
ClientSampleId :
CPT101-01



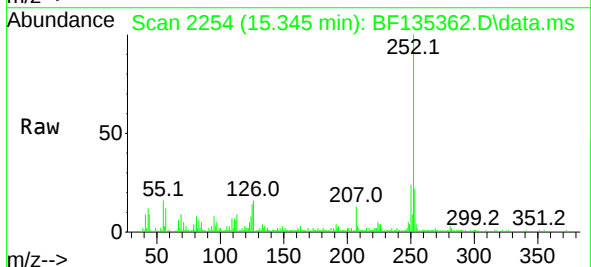
Tgt Ion:252 Resp: 48170
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 14.3 7.1 10.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#90
Benzo(a)pyrene
Concen: 2.379 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39



Tgt Ion:252 Resp: 34492
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 13.5 9.2 13.8

