

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135267.D
 Acq On : 14 Sep 2023 22:14
 Operator : CG\JU
 Sample : 04399-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 360

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:37:56 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	6.763	152	132567	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	495704	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	234032	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	359804	20.000	ng	0.00
76) Chrysene-d12	13.945	240	241942	20.000	ng	0.00
86) Perylene-d12	15.415	264	252466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	800773	98.246	ng	0.02
7) Phenol-d6	6.410	99	996399	96.139	ng	0.00
23) Nitrobenzene-d5	7.328	82	621475	68.114	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	187776	80.739	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1117292	72.028	ng	0.00
79) Terphenyl-d14	12.886	244	872196	55.884	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.510	202	85671	4.832	ng	98
78) Pyrene	12.739	202	74131	3.218	ng	99
81) Benzo(a)anthracene	13.933	228	36796	2.355	ng	96
83) Chrysene	13.968	228	40340	2.597	ng	98
88) Benzo(b)fluoranthene	14.986	252	55073m	4.030	ng	
90) Benzo(a)pyrene	15.351	252	29674	2.277	ng	# 95

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

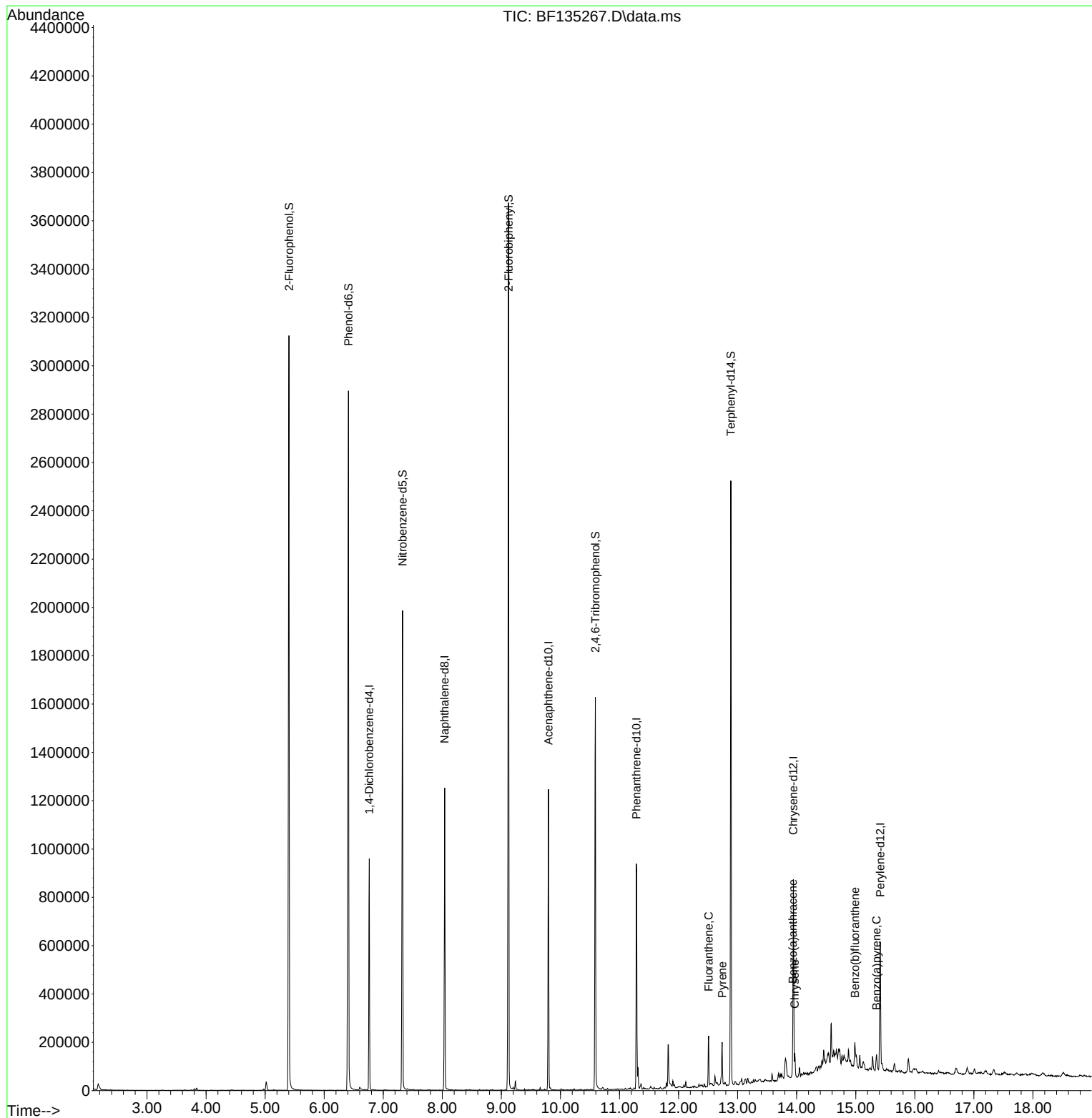
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135267.D
Acq On : 14 Sep 2023 22:14
Operator : CG\JU
Sample : 04399-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

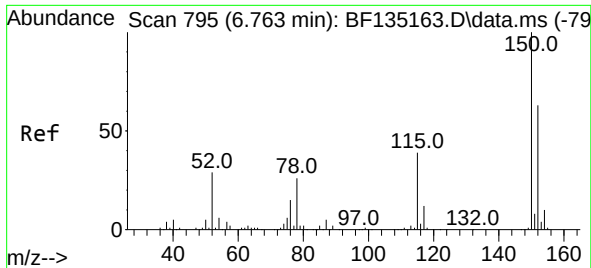
Instrument :
BNA_F
ClientSampleId :
360

Quant Time: Sep 15 01:37:56 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

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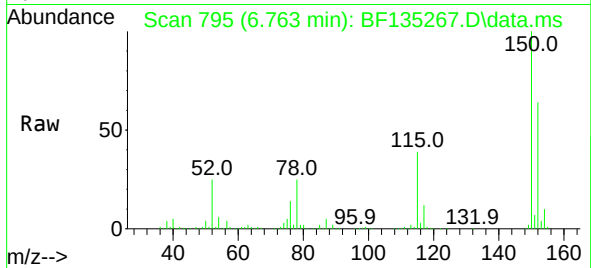
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

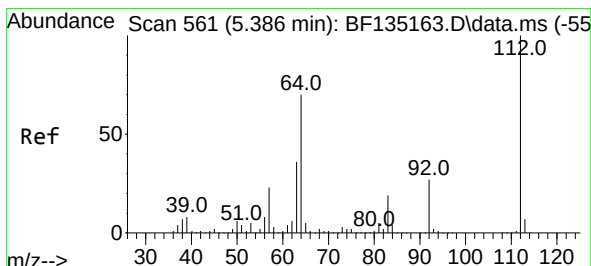
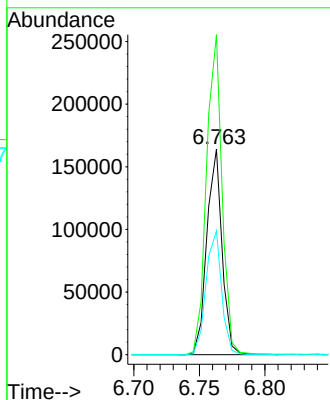
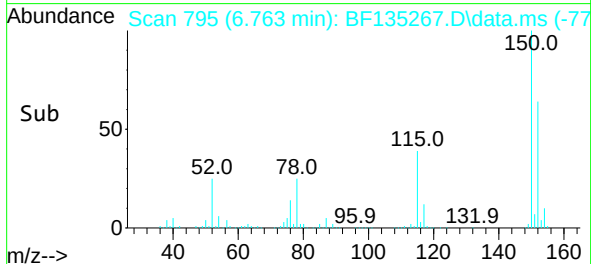
Instrument :
BNA_F
ClientSampleId :
360



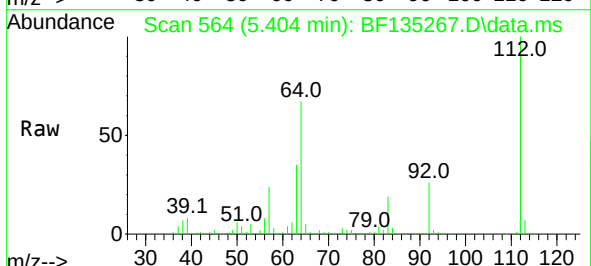
Tgt Ion:152 Resp: 13256
Ion Ratio Lower Upper
152 100
150 155.6 127.8 191.6
115 60.2 49.8 74.8

Manual Integrations
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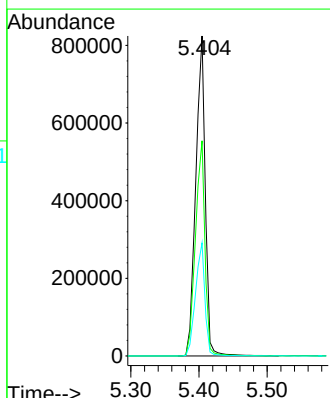
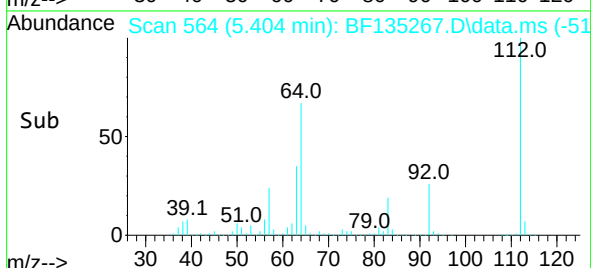
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

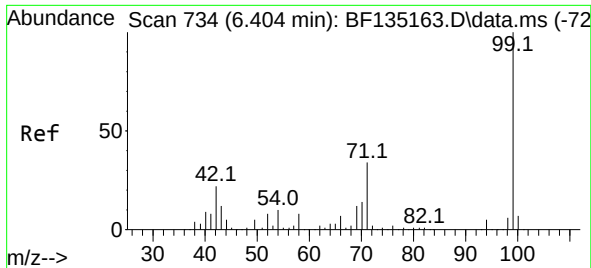


#5
2-Fluorophenol
Concen: 98.246 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14



Tgt Ion:112 Resp: 800773
Ion Ratio Lower Upper
112 100
64 67.3 55.9 83.9
63 35.4 29.0 43.6





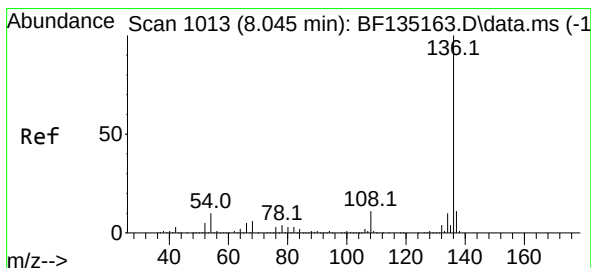
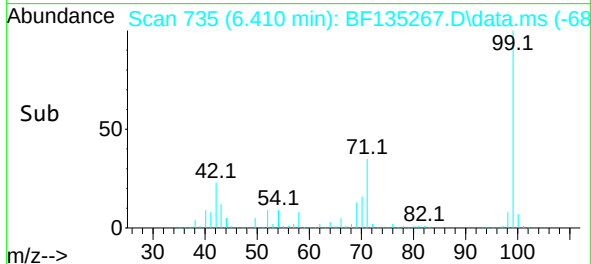
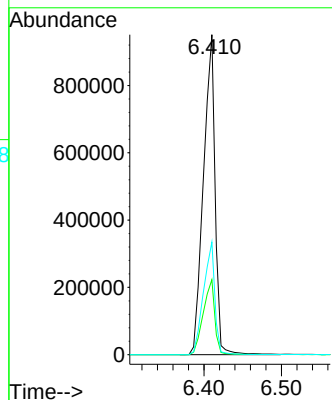
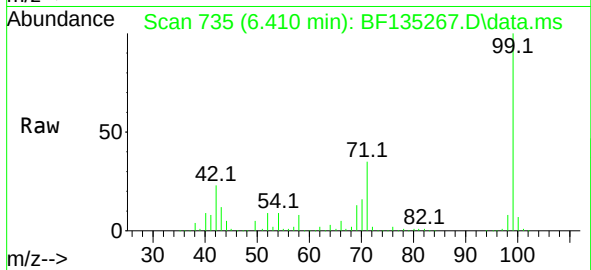
#7
Phenol-d6
Concen: 96.139 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Instrument :
BNA_F
ClientSampleId :
360

Tgt Ion: 99 Resp: 996399
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 35.2 27.0 40.6

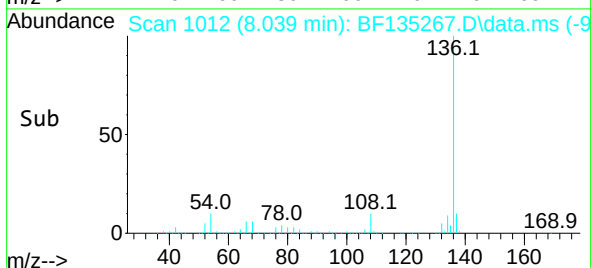
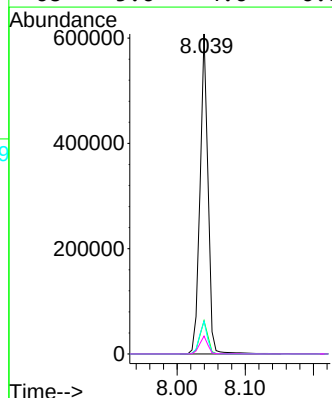
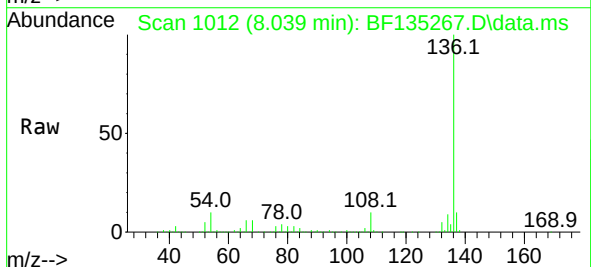
Manual Integrations
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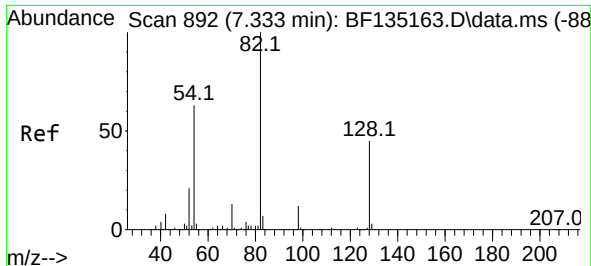
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Tgt Ion:136 Resp: 495704
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 10.2 7.7 11.5
68 5.6 4.6 6.8





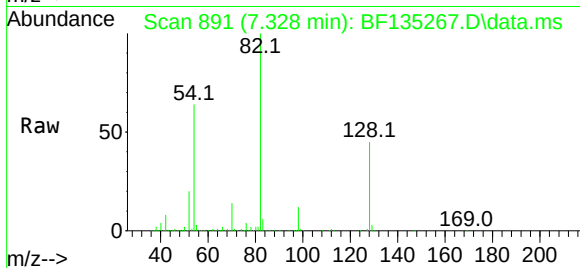
#23
Nitrobenzene-d5
Concen: 68.114 ng
RT: 7.328 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Instrument :

BNA_F

ClientSampleId :

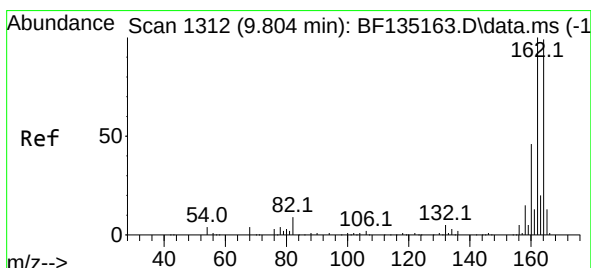
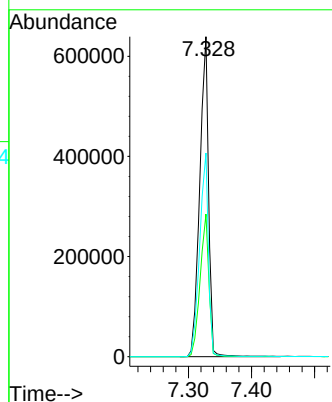
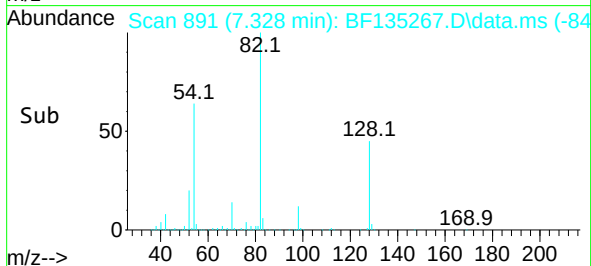
360



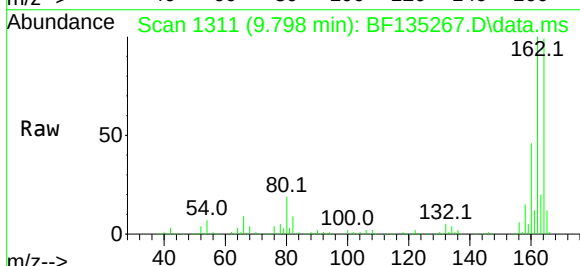
Tgt Ion: 82 Resp: 621475
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.6
54 63.7 50.6 76.0

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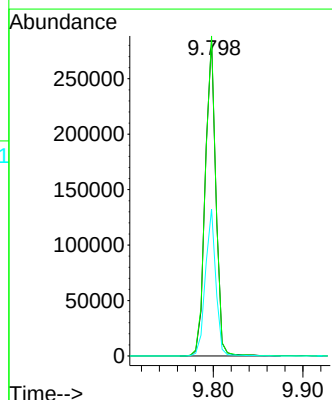
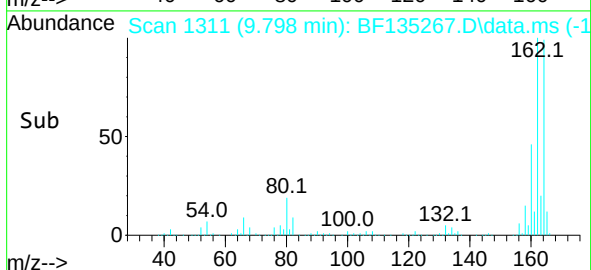
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

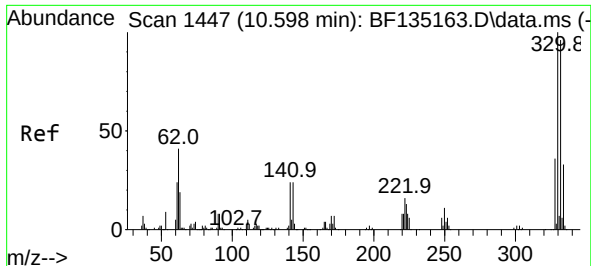


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14



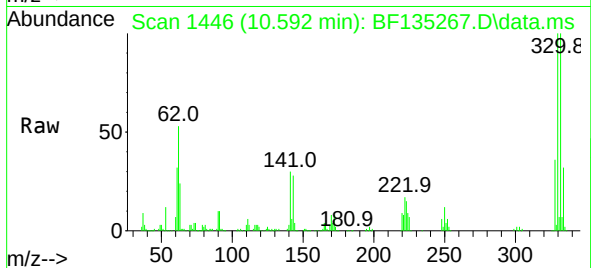
Tgt Ion:164 Resp: 234032
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 46.4 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 80.739 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

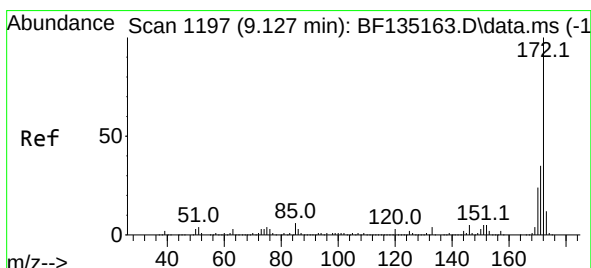
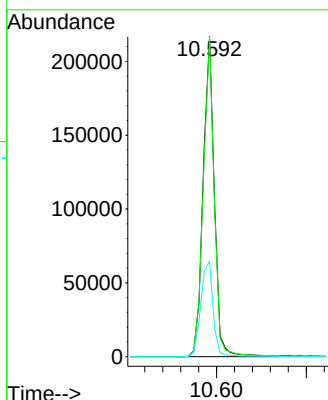
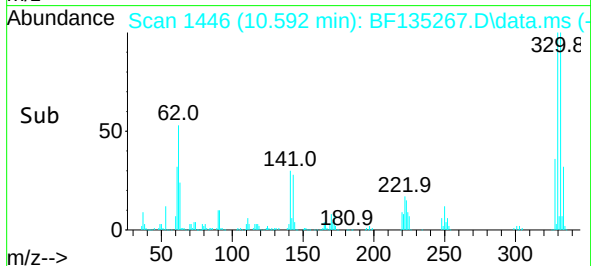
Instrument :
BNA_F
ClientSampleId :
360



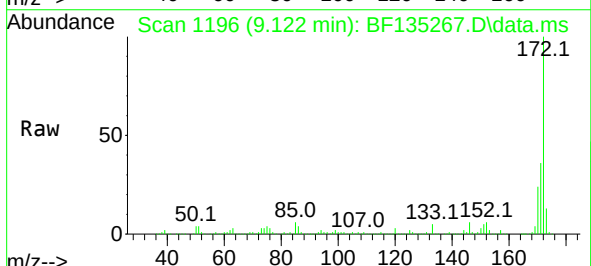
Tgt Ion:330 Resp: 187770
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 33.3 25.8 38.8

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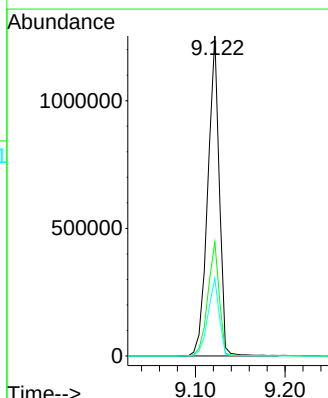
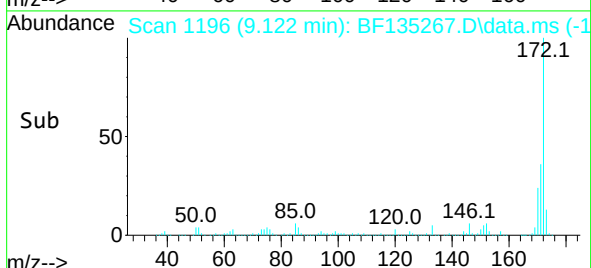
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

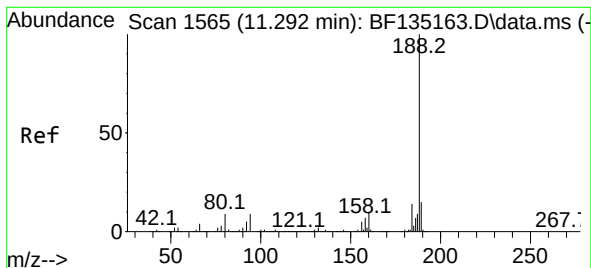


#45
2-Fluorobiphenyl
Concen: 72.028 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14



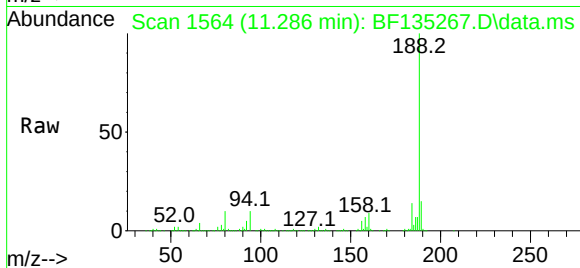
Tgt Ion:172 Resp: 1117292
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.2 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

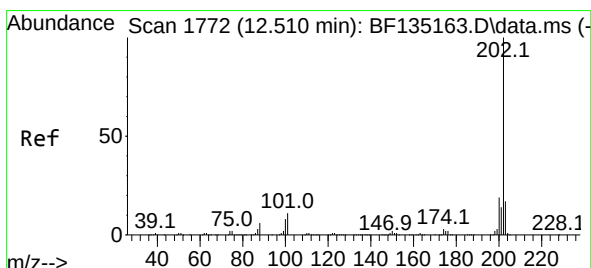
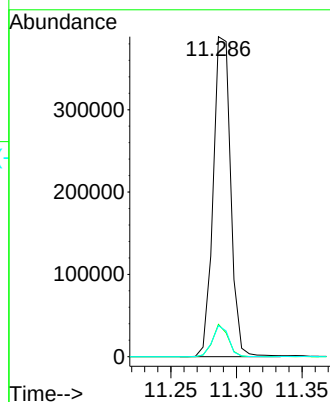
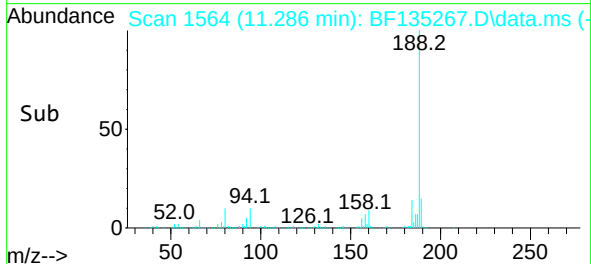
Instrument :
BNA_F
ClientSampleId :
360



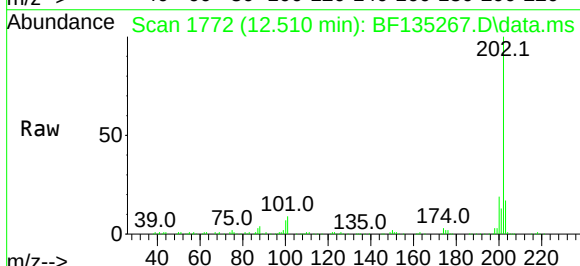
Tgt Ion:188 Resp: 359804
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 9.7 7.5 11.3

Manual Integrations
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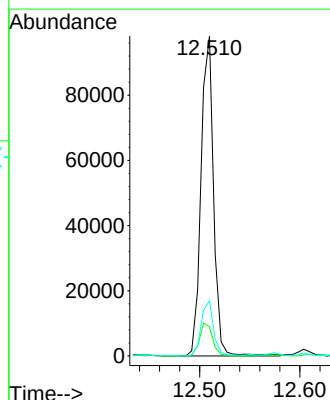
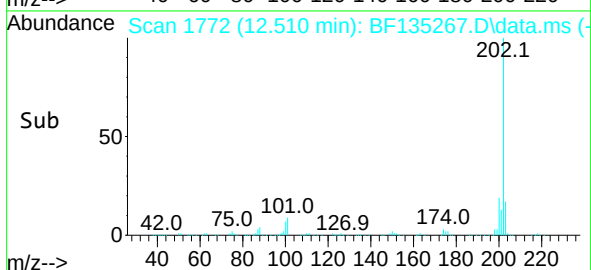
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

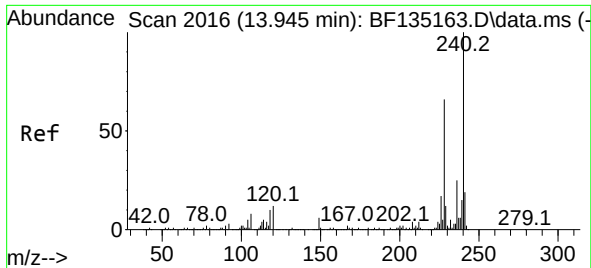


#75
Fluoranthene
Concen: 4.832 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14



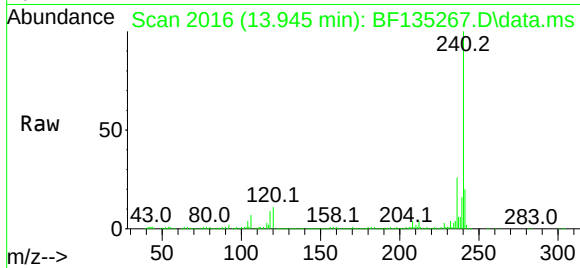
Tgt Ion:202 Resp: 85671
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.3
203 17.3 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

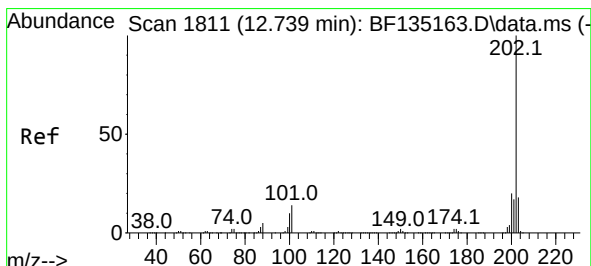
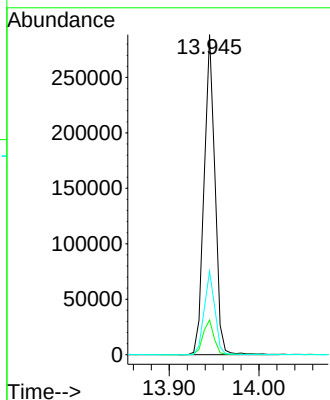
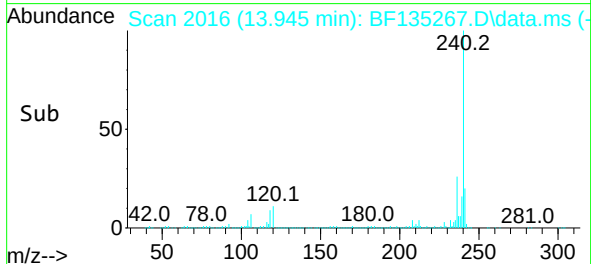
Instrument :
BNA_F
ClientSampleId :
360



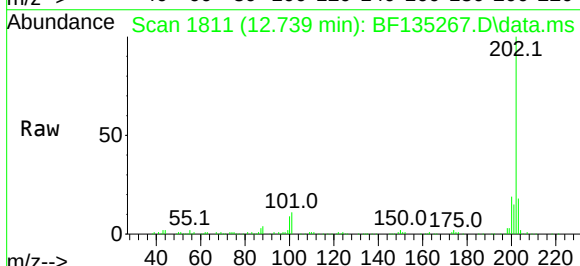
Tgt Ion:240 Resp: 241942
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.0 19.8 29.8

Manual Integrations
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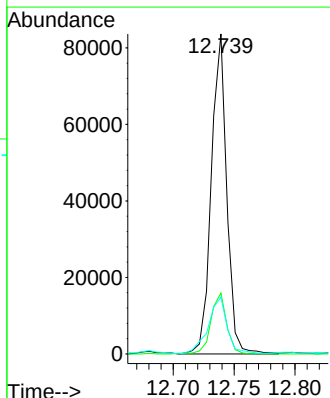
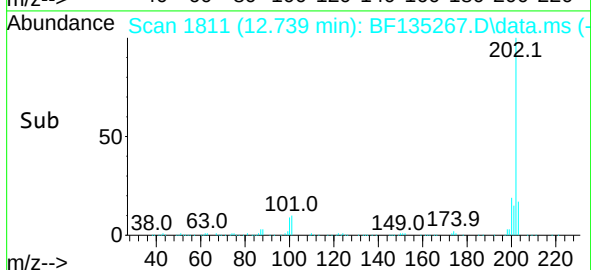
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

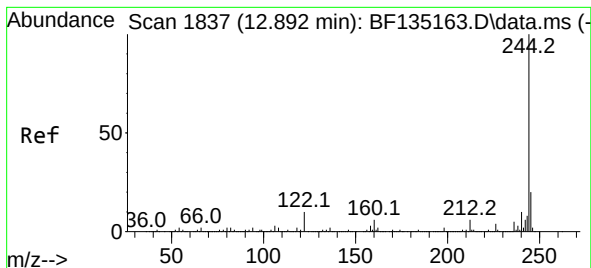


#78
Pyrene
Concen: 3.218 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14



Tgt Ion:202 Resp: 74131
Ion Ratio Lower Upper
202 100
200 19.1 16.2 24.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 55.884 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135267.D

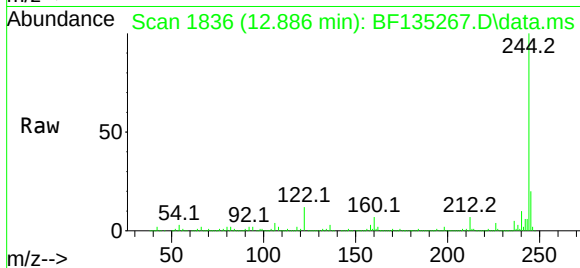
Acq: 14 Sep 2023 22:14

Instrument :

BNA_F

ClientSampleId :

360



Tgt Ion:244 Resp: 872190

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

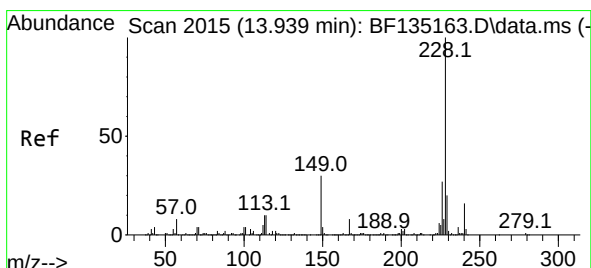
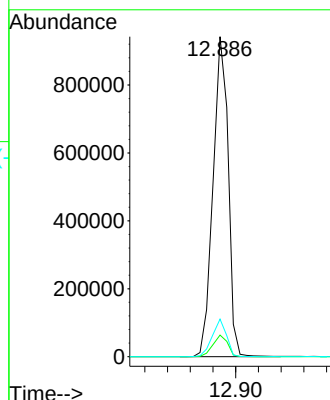
122 11.7 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#81

Benzo(a)anthracene

Concen: 2.355 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF135267.D

Acq: 14 Sep 2023 22:14

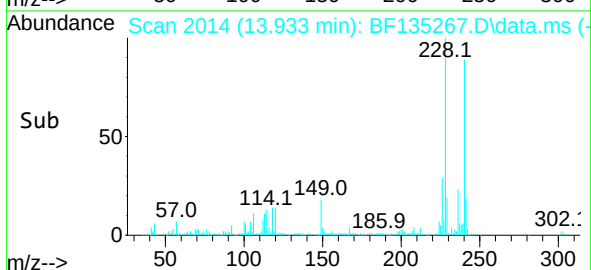
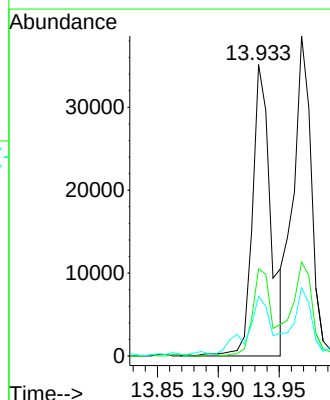
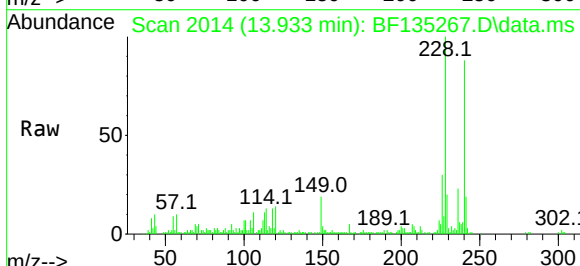
Tgt Ion:228 Resp: 36796

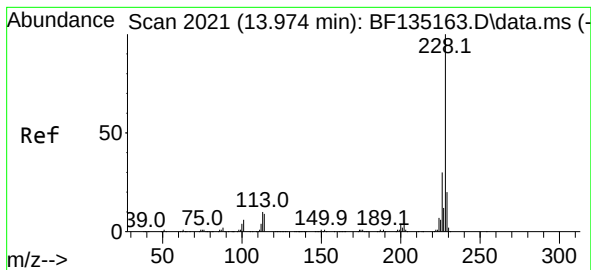
Ion Ratio Lower Upper

228 100

226 29.9 21.7 32.5

229 20.4 15.8 23.8





#83

Chrysene

Concen: 2.597 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF135267.D

Acq: 14 Sep 2023 22:14

Instrument :

BNA_F

ClientSampleId :

360

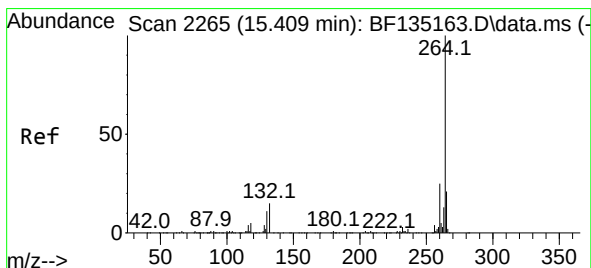
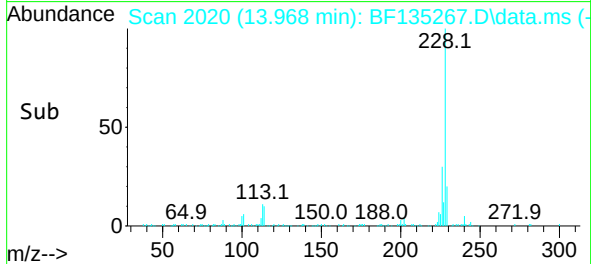
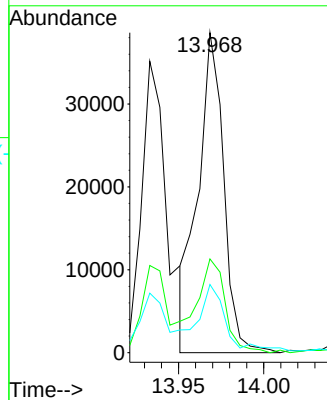
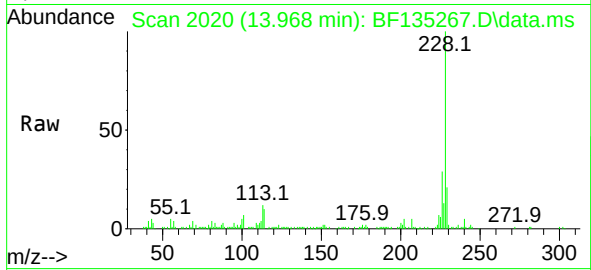
Tgt Ion:228	Resp: 40340
Ion Ratio	Lower Upper
228 100	
226 29.3	24.3 36.5
229 21.3	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#86

Perylene-d12

Concen: 20.000 ng

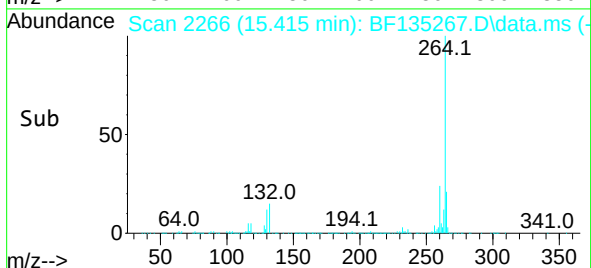
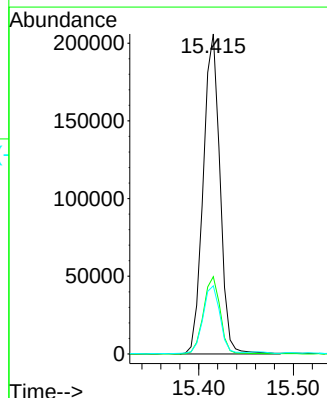
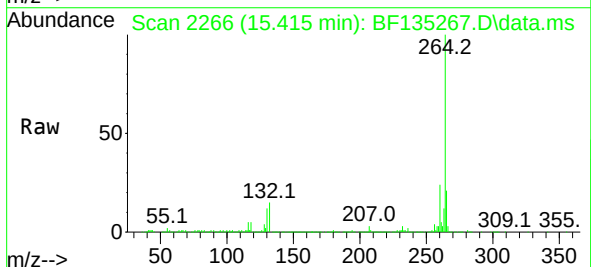
RT: 15.415 min Scan# 2266

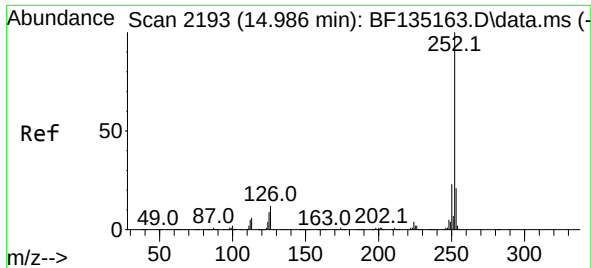
Delta R.T. 0.006 min

Lab File: BF135267.D

Acq: 14 Sep 2023 22:14

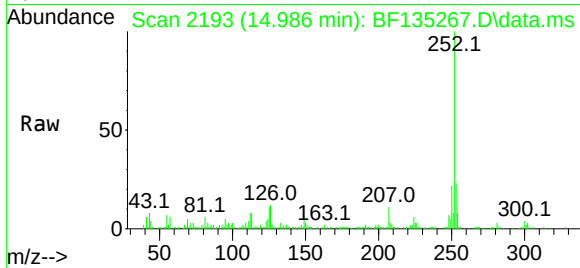
Tgt Ion:264	Resp: 252466
Ion Ratio	Lower Upper
264 100	
260 24.2	19.8 29.6
265 21.3	17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 4.030 ng m
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

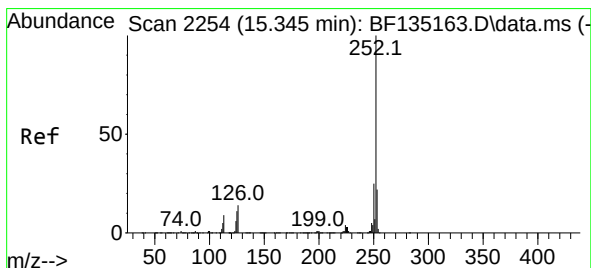
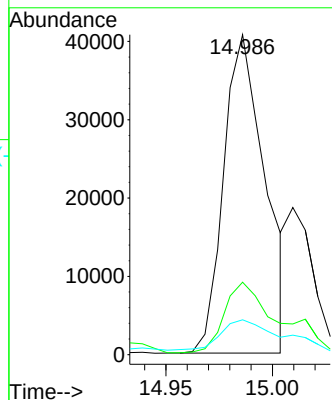
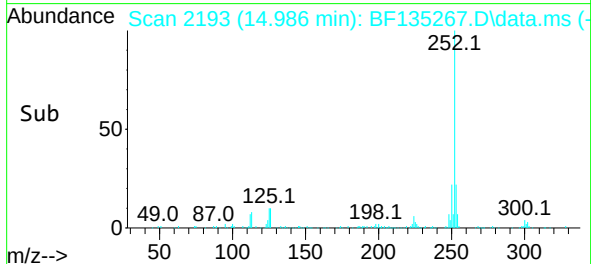
Instrument :
BNA_F
ClientSampleId :
360



Tgt Ion:252 Resp: 55074
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 10.9 7.1 10.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#90
Benzo(a)pyrene
Concen: 2.277 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135267.D
Acq: 14 Sep 2023 22:14

Tgt Ion:252 Resp: 29674
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 14.3 9.2 13.8

