

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135208.D
 Acq On : 13 Sep 2023 06:03
 Operator : CG\JU
 Sample : 04305-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPH

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 13 07:43:24 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	123162	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	484318	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	234088	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	424510	20.000	ng	0.00
76) Chrysene-d12	13.939	240	219153	20.000	ng	0.00
86) Perylene-d12	15.410	264	262732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	843023	111.328	ng	0.02
7) Phenol-d6	6.410	99	1107499	115.019	ng	0.00
23) Nitrobenzene-d5	7.328	82	675161	75.738	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	279206	120.023	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1203443	77.563	ng	0.00
79) Terphenyl-d14	12.886	244	1002433	70.908	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.310	178	67961	3.385	ng	98
75) Fluoranthene	12.504	202	92733	4.433	ng	99
78) Pyrene	12.733	202	82420	3.950	ng	100
81) Benzo(a)anthracene	13.933	228	30164	2.132	ng	99
83) Chrysene	13.968	228	29745	2.114	ng	98
88) Benzo(b)fluoranthene	14.980	252	35653m	2.507	ng	

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

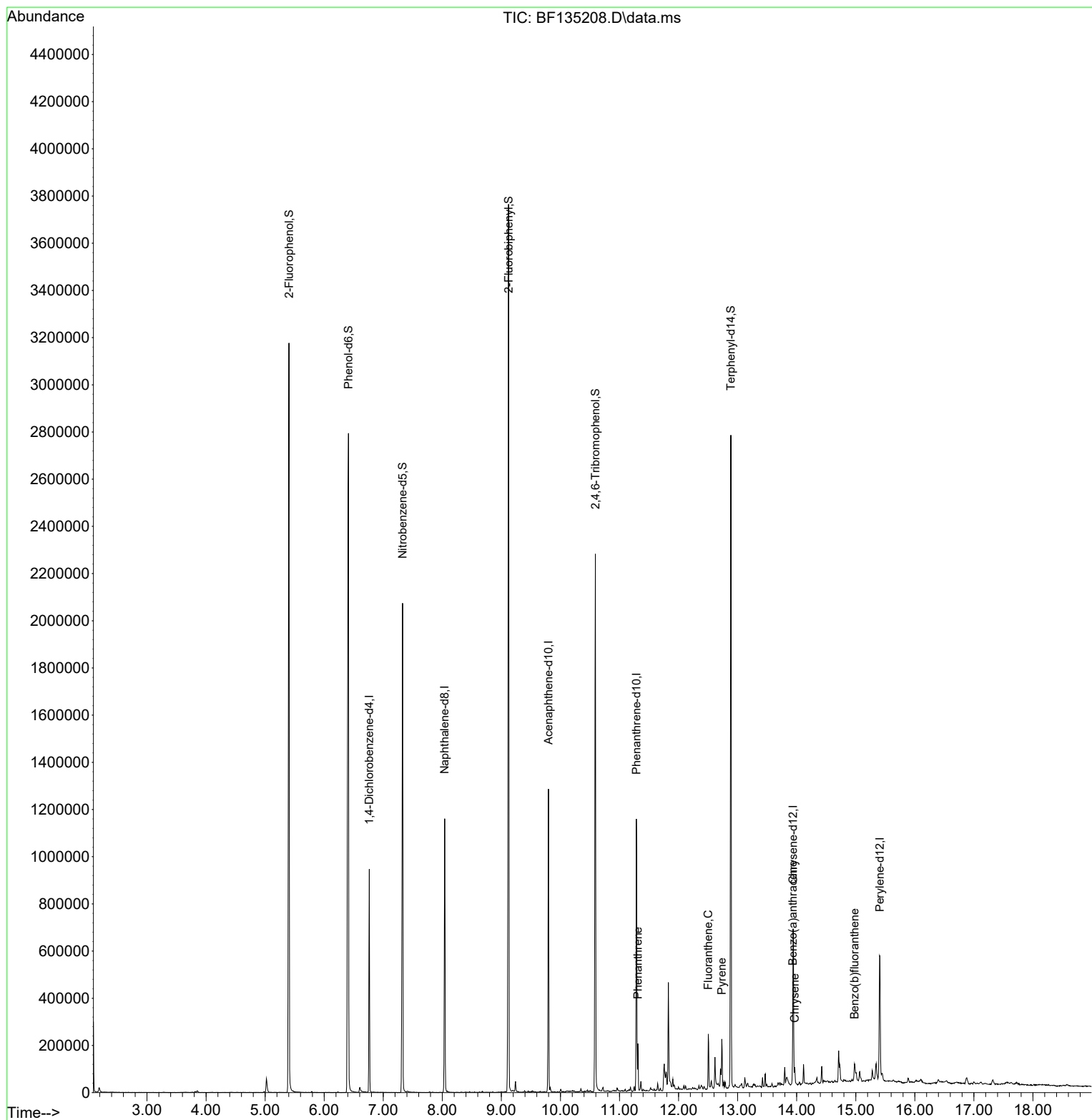
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135208.D
Acq On : 13 Sep 2023 06:03
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Quant Time: Sep 13 07:43:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

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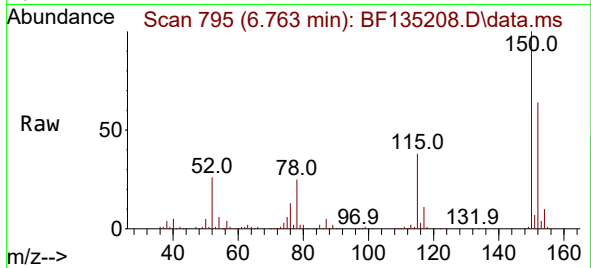
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

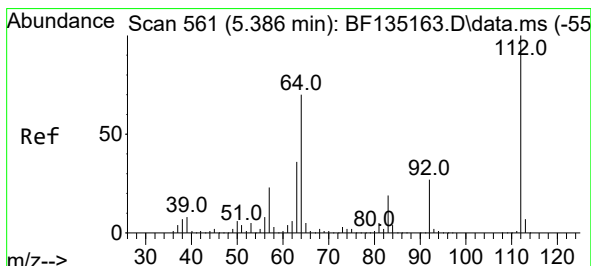
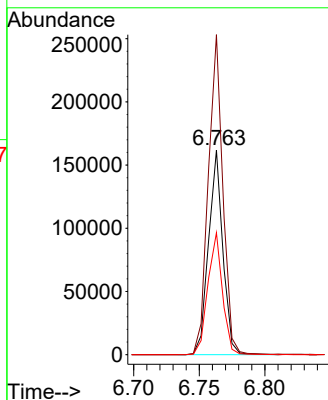
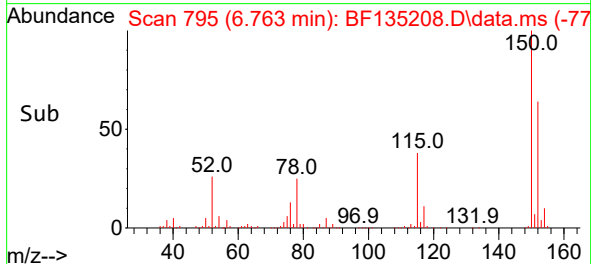
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BNA_F
ClientSampleId :
TP-9-5-23-EPH



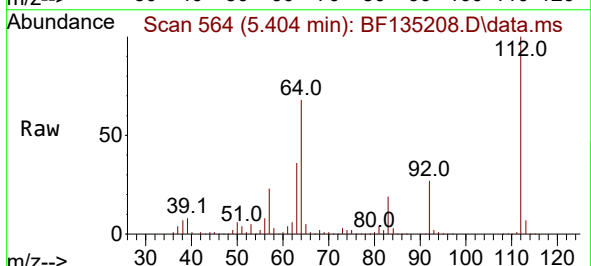
Tgt Ion:152 Resp: 123162
Ion Ratio Lower Upper
152 100
150 156.3 127.8 191.6
115 59.6 49.8 74.8

Manual Integrations
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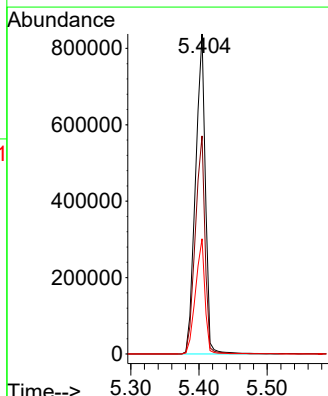
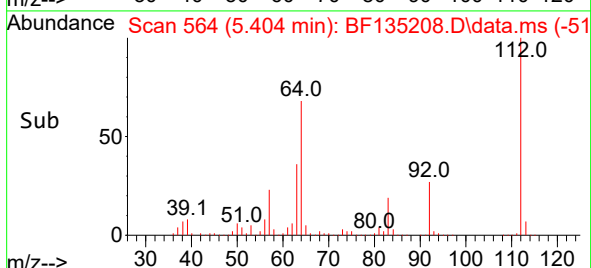
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

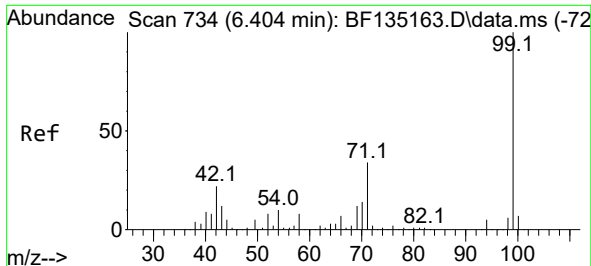


#5
2-Fluorophenol
Concen: 111.328 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03



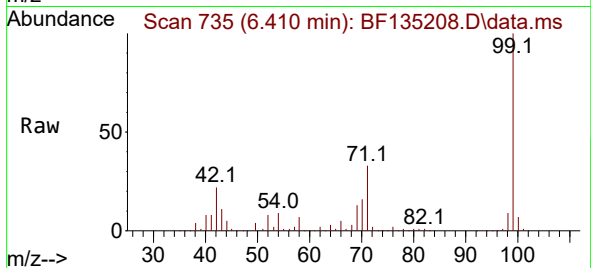
Tgt Ion:112 Resp: 843023
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 36.0 29.0 43.6





#7
Phenol-d6
Concen: 115.019 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

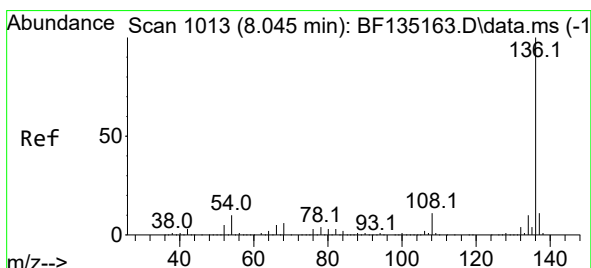
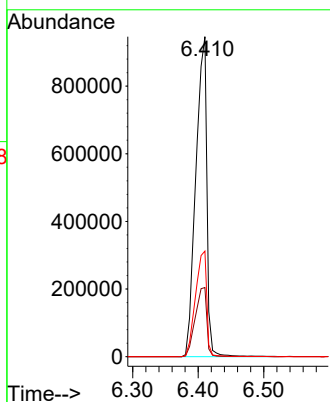
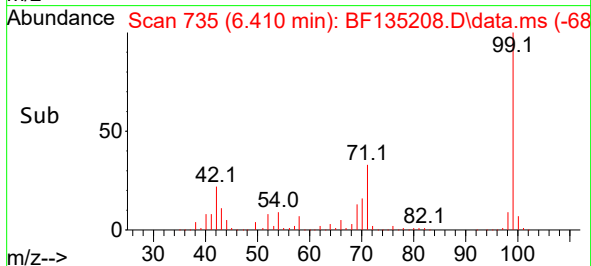
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH



Tgt Ion: 99 Resp: 1107499
Ion Ratio Lower Upper
99 100
42 21.6 17.9 26.9
71 33.0 27.0 40.6

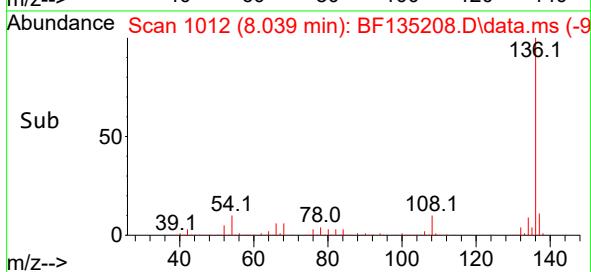
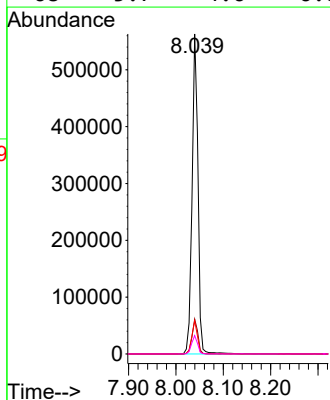
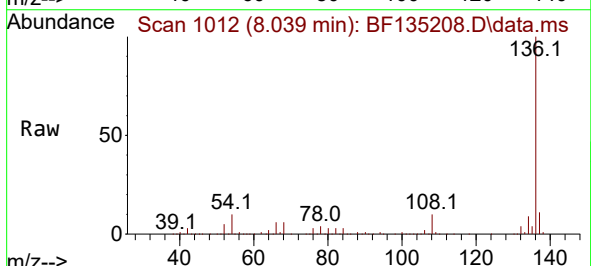
Manual Integrations
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Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

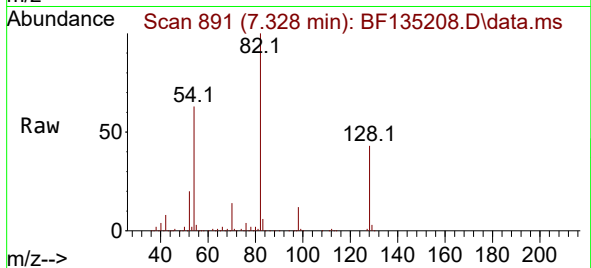
Tgt Ion:136 Resp: 484318
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.4 7.7 11.5
68 5.7 4.6 6.8





#23
Nitrobenzene-d5
Concen: 75.738 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

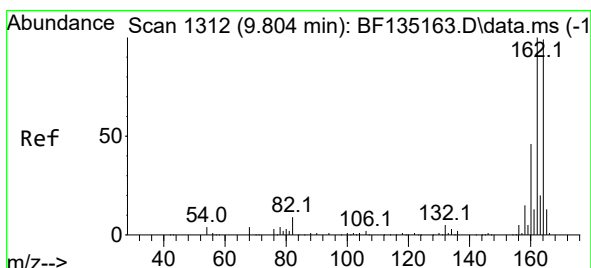
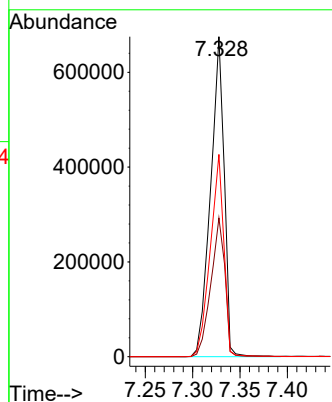
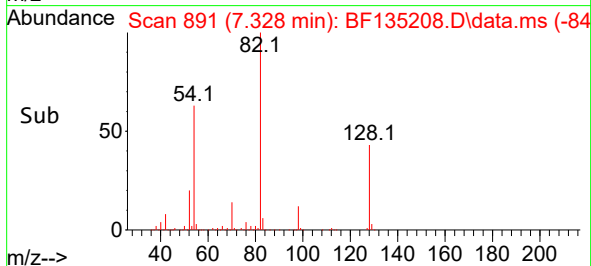
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH



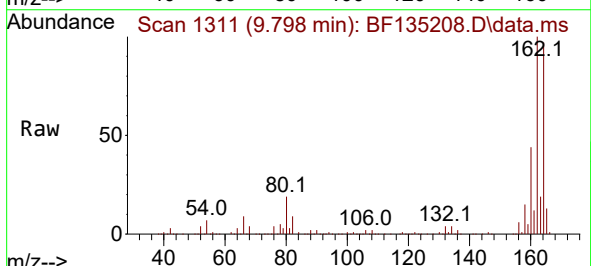
Tgt Ion: 82 Resp: 67516
Ion Ratio Lower Upper
82 100
128 43.4 35.8 53.6
54 63.2 50.6 76.0

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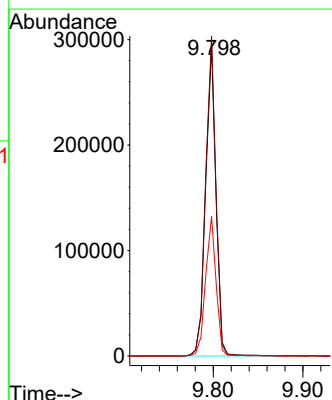
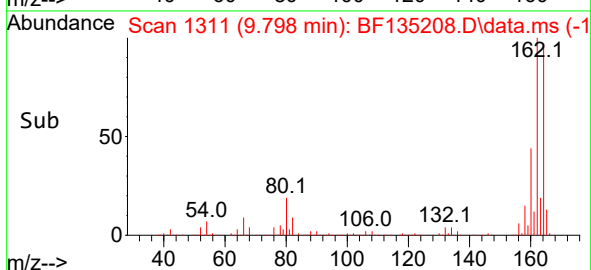
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

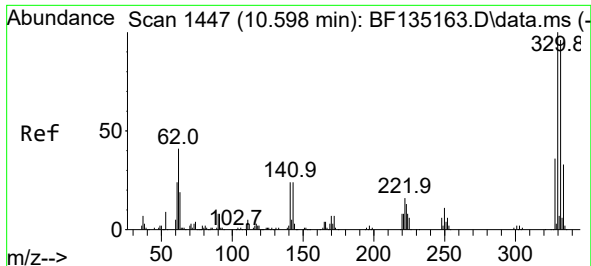


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03



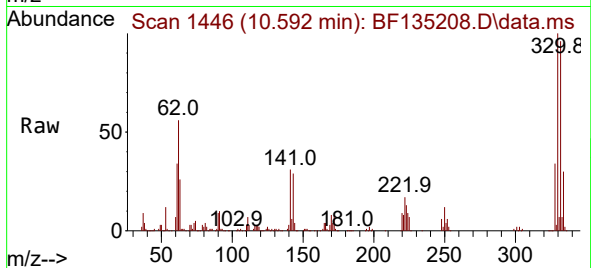
Tgt Ion:164 Resp: 234088
Ion Ratio Lower Upper
164 100
162 103.1 81.0 121.4
160 45.0 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 120.023 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

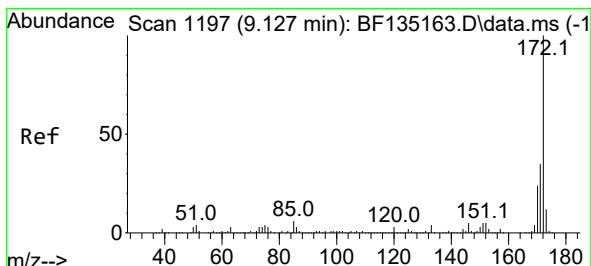
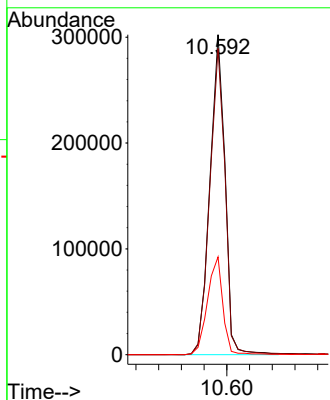
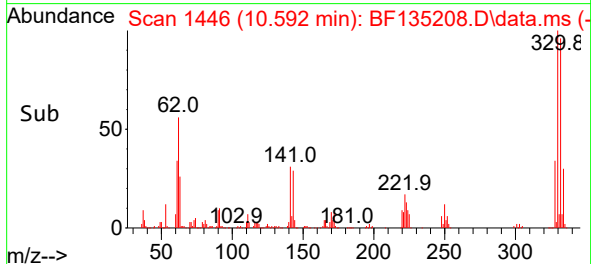
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH



Tgt Ion: 330 Resp: 279200
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 31.3 25.8 38.8

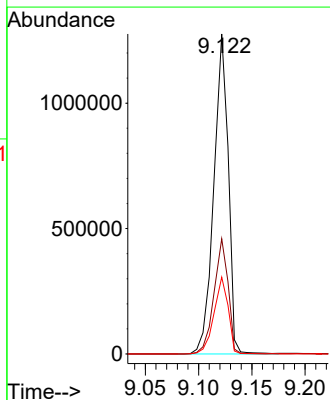
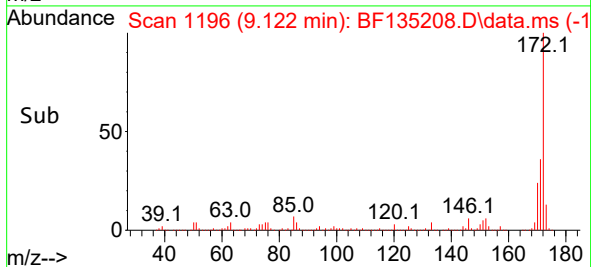
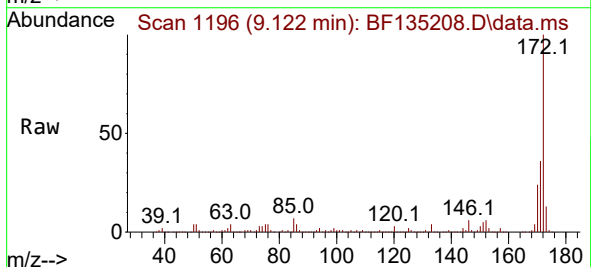
Manual Integrations
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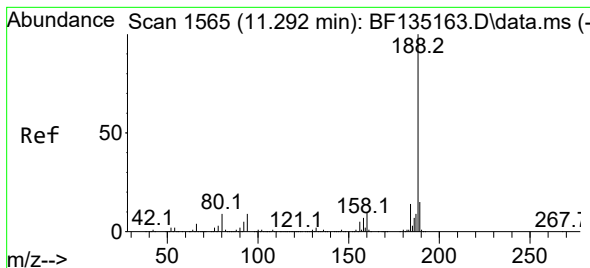
Reviewed By : Yogesh Patel 09/13/2023
Supervised By : mohammad ahmed 09/14/2023



#45
2-Fluorobiphenyl
Concen: 77.563 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

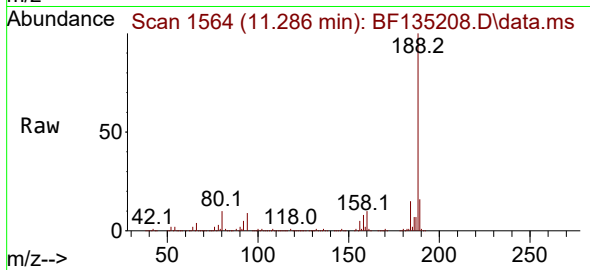
Tgt Ion: 172 Resp: 1203443
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.0 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

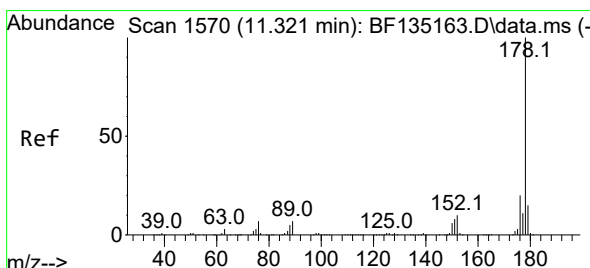
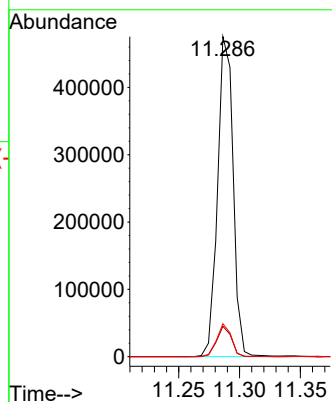
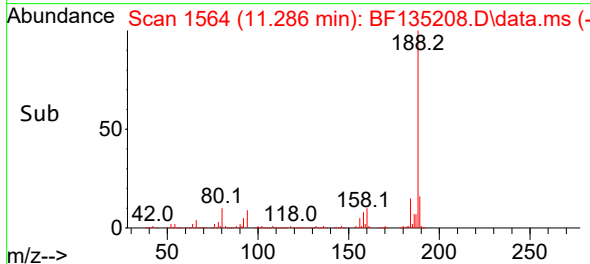
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH



Tgt Ion:188 Resp: 424510
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.3 7.5 11.3

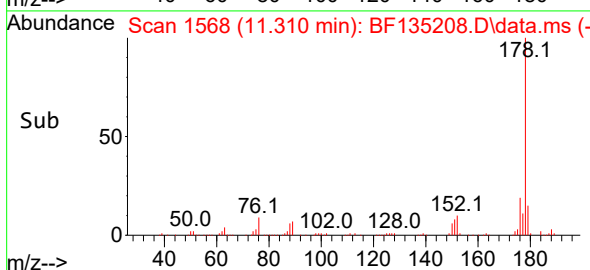
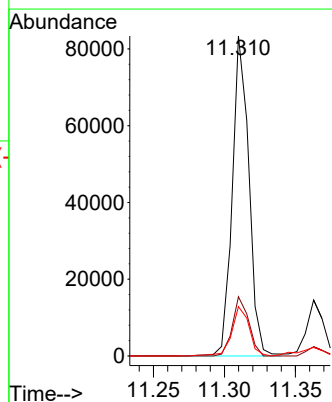
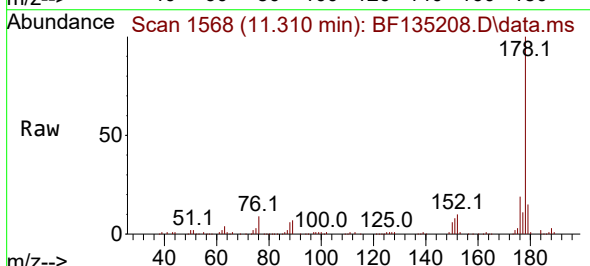
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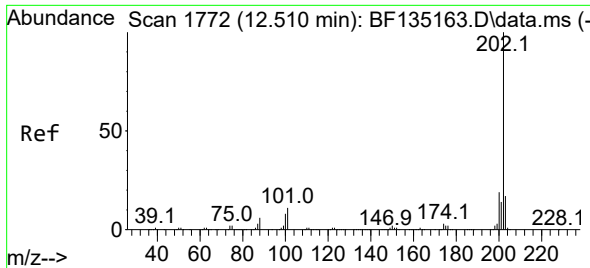
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#71
Phenanthrene
Concen: 3.385 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

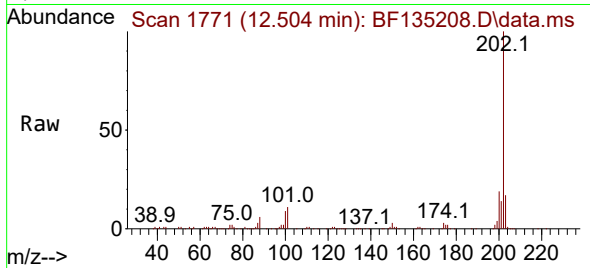
Tgt Ion:178 Resp: 67961
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 15.4 12.0 18.0





#75
Fluoranthene
Concen: 4.433 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

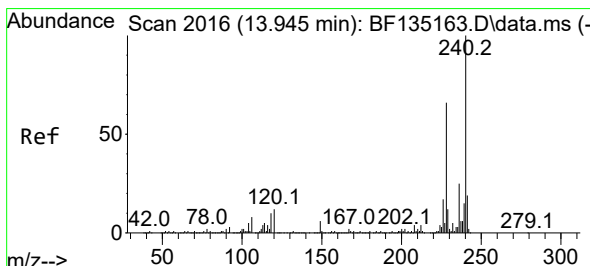
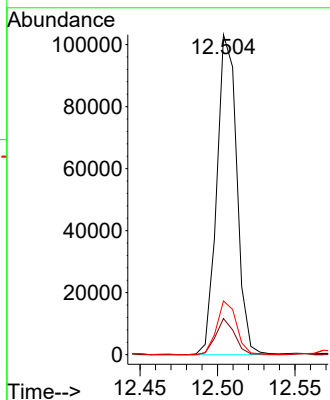
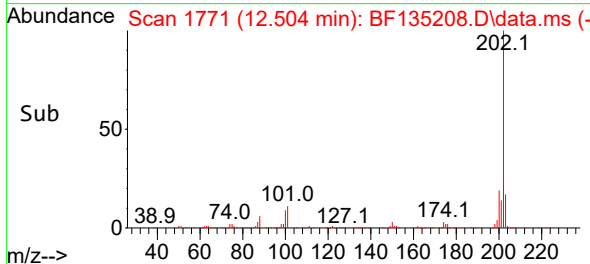
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH



Tgt Ion:202 Resp: 9273
Ion Ratio Lower Upper
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101 11.3 0.0 31.3
203 16.8 0.0 37.4

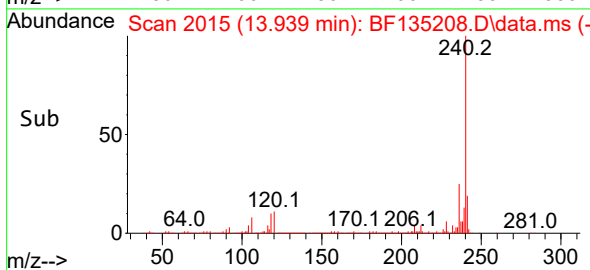
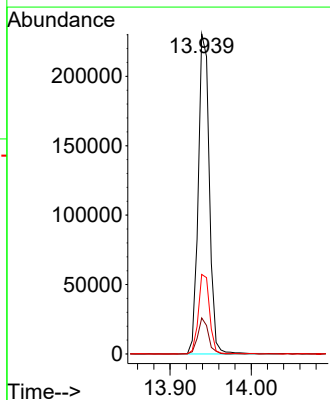
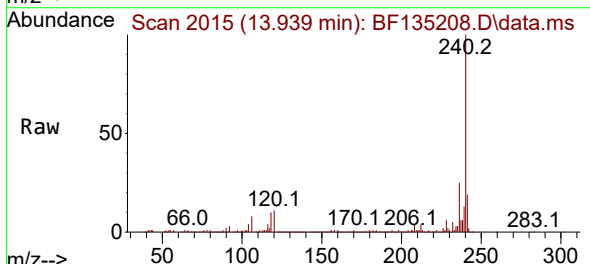
Manual Integrations
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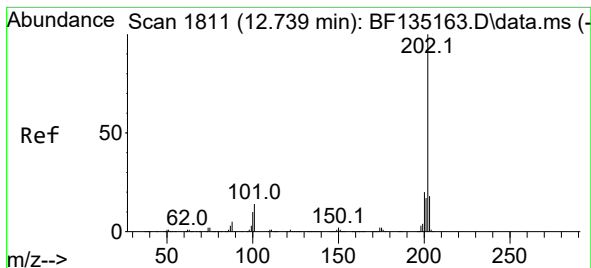
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

Tgt Ion:240 Resp: 219153
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 24.9 19.8 29.8





#78

Pyrene

Concen: 3.950 ng

RT: 12.733 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF135208.D

Acq: 13 Sep 2023 06:03

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPH

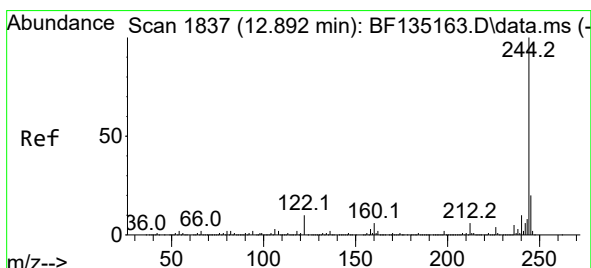
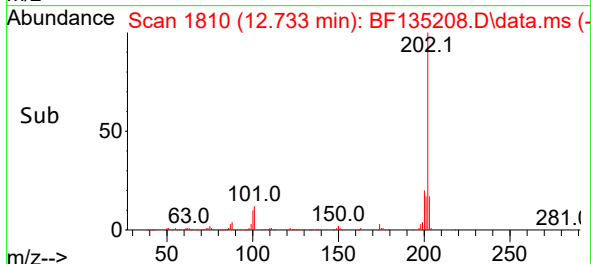
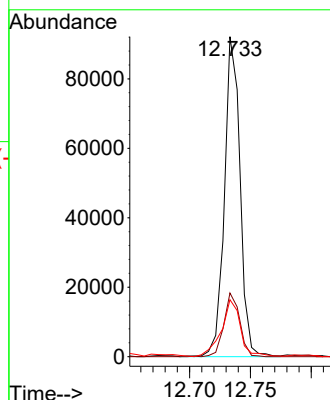
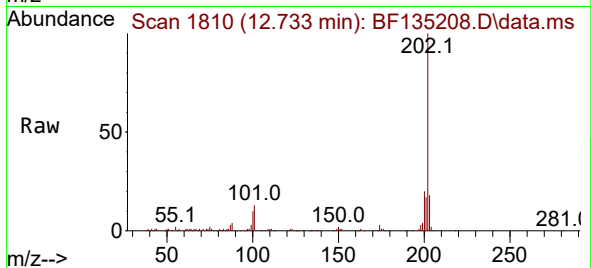
Tgt Ion:202 Resp: 82420
 Ion Ratio Lower Upper
 202 100
 200 19.9 16.2 24.2
 203 17.8 14.2 21.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/14/2023



#79

Terphenyl-d14

Concen: 70.908 ng

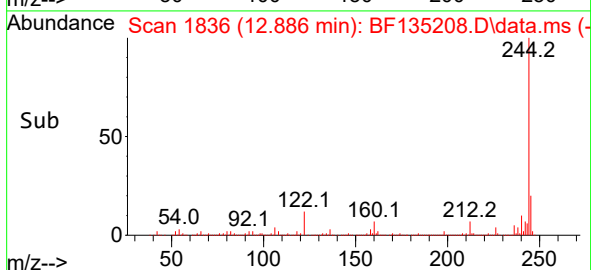
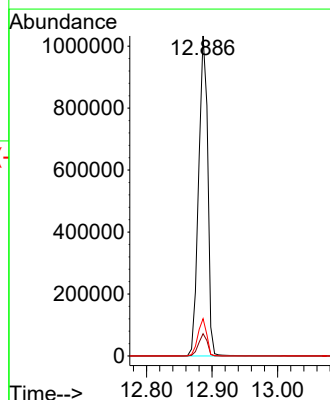
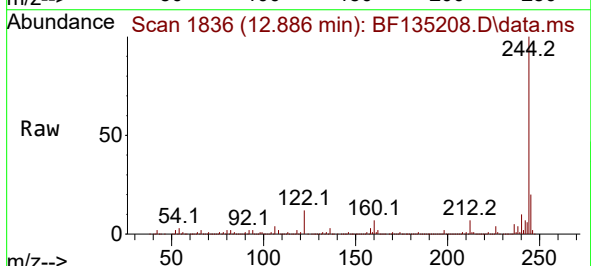
RT: 12.886 min Scan# 1836

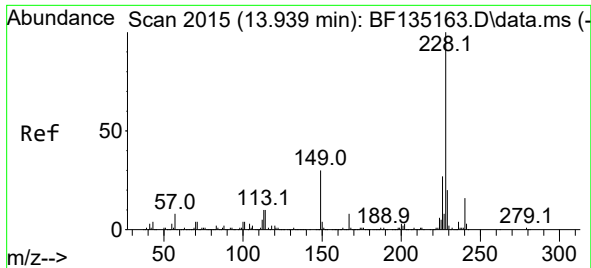
Delta R.T. -0.006 min

Lab File: BF135208.D

Acq: 13 Sep 2023 06:03

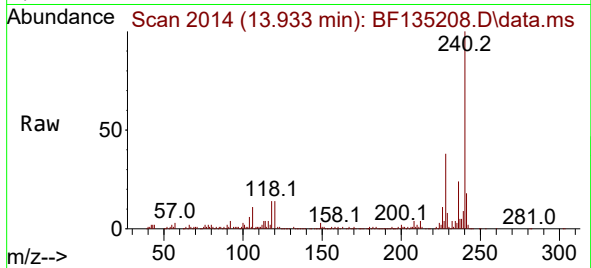
Tgt Ion:244 Resp: 1002433
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.7 7.9 11.9





#81
Benzo(a)anthracene
Concen: 2.132 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

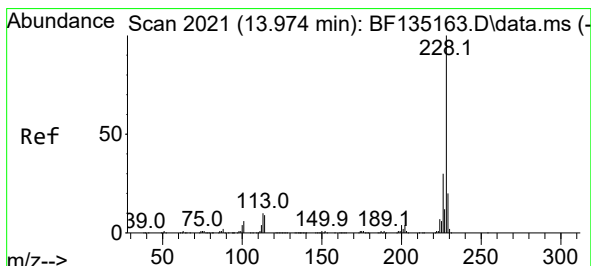
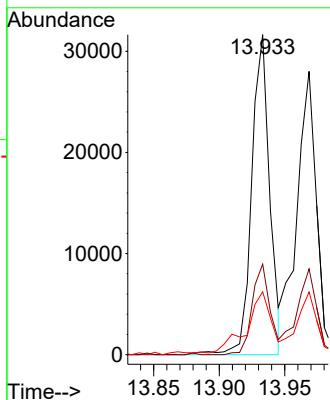
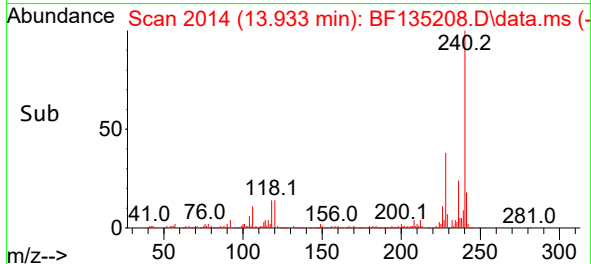
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH



Tgt Ion:228 Resp: 30164
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 19.7 15.8 23.8

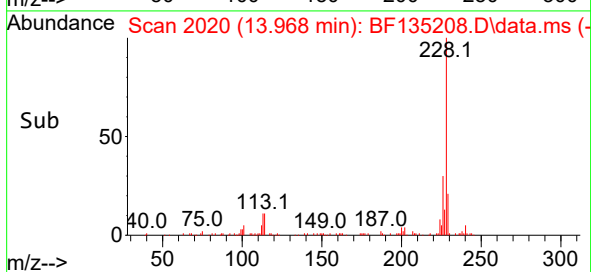
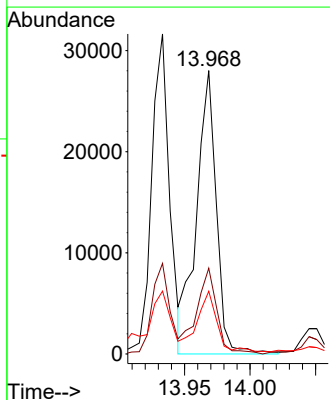
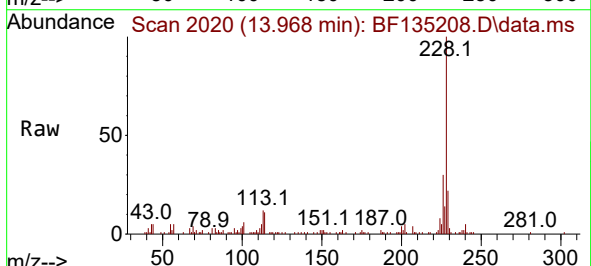
Manual Integrations
APPROVED

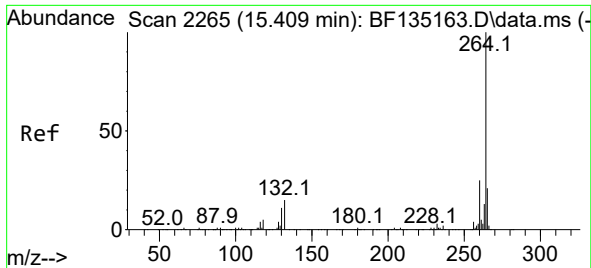
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#83
Chrysene
Concen: 2.114 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF135208.D
Acq: 13 Sep 2023 06:03

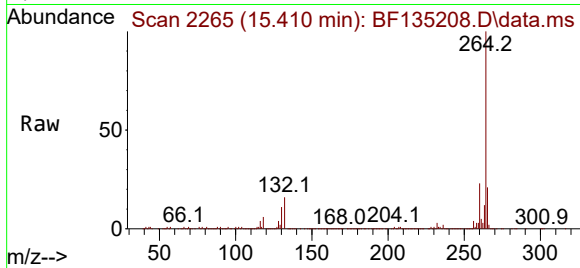
Tgt Ion:228 Resp: 29745
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.1 16.0 24.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2110
 Delta R.T. 0.000 min
 Lab File: BF135208.D
 Acq: 13 Sep 2023 06:03

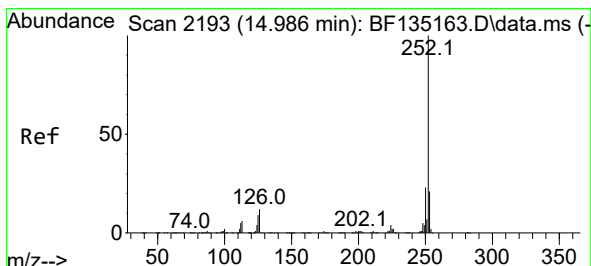
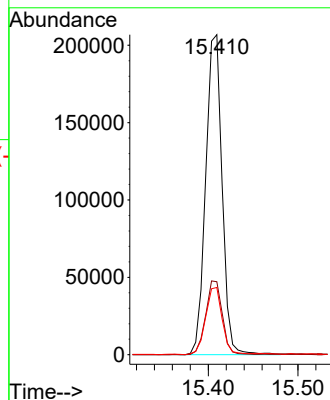
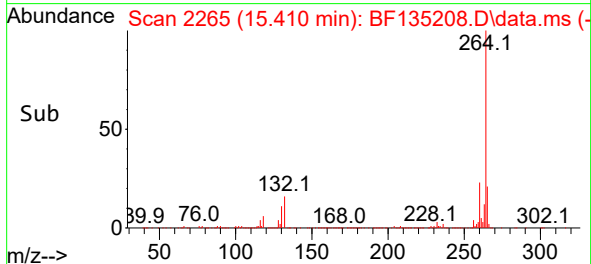
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPH



Tgt Ion:264 Resp: 26273
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.8 29.6
 265 21.0 17.0 25.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023



#88
 Benzo(b)fluoranthene
 Concen: 2.507 ng m
 RT: 14.980 min Scan# 2192
 Delta R.T. -0.006 min
 Lab File: BF135208.D
 Acq: 13 Sep 2023 06:03

Tgt Ion:252 Resp: 35653
 Ion Ratio Lower Upper
 252 100
 253 20.2 17.2 25.8
 125 10.2 7.1 10.7

