

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135382.D
 Acq On : 21 Sep 2023 16:06
 Operator : CG\JU
 Sample : 04407-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 306-TP-1-2-CS-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/27/2023

Quant Time: Sep 22 05:57:19 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	143162	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	530421	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	221893	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	346617	20.000	ng	0.00
76) Chrysene-d12	13.939	240	263267	20.000	ng	0.00
86) Perylene-d12	15.410	264	218411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	918184	104.314	ng	0.01
7) Phenol-d6	6.404	99	1150720	102.812	ng	0.00
23) Nitrobenzene-d5	7.322	82	716731	73.413	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	182352	82.696	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1137414	77.336	ng	-0.01
79) Terphenyl-d14	12.880	244	925381	54.489	ng	-0.01
Target Compounds						
75) Fluoranthene	12.504	202	50878	2.978	ng	Qvalue 100
88) Benzo(b)fluoranthene	14.980	252	28836m	2.439	ng	

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

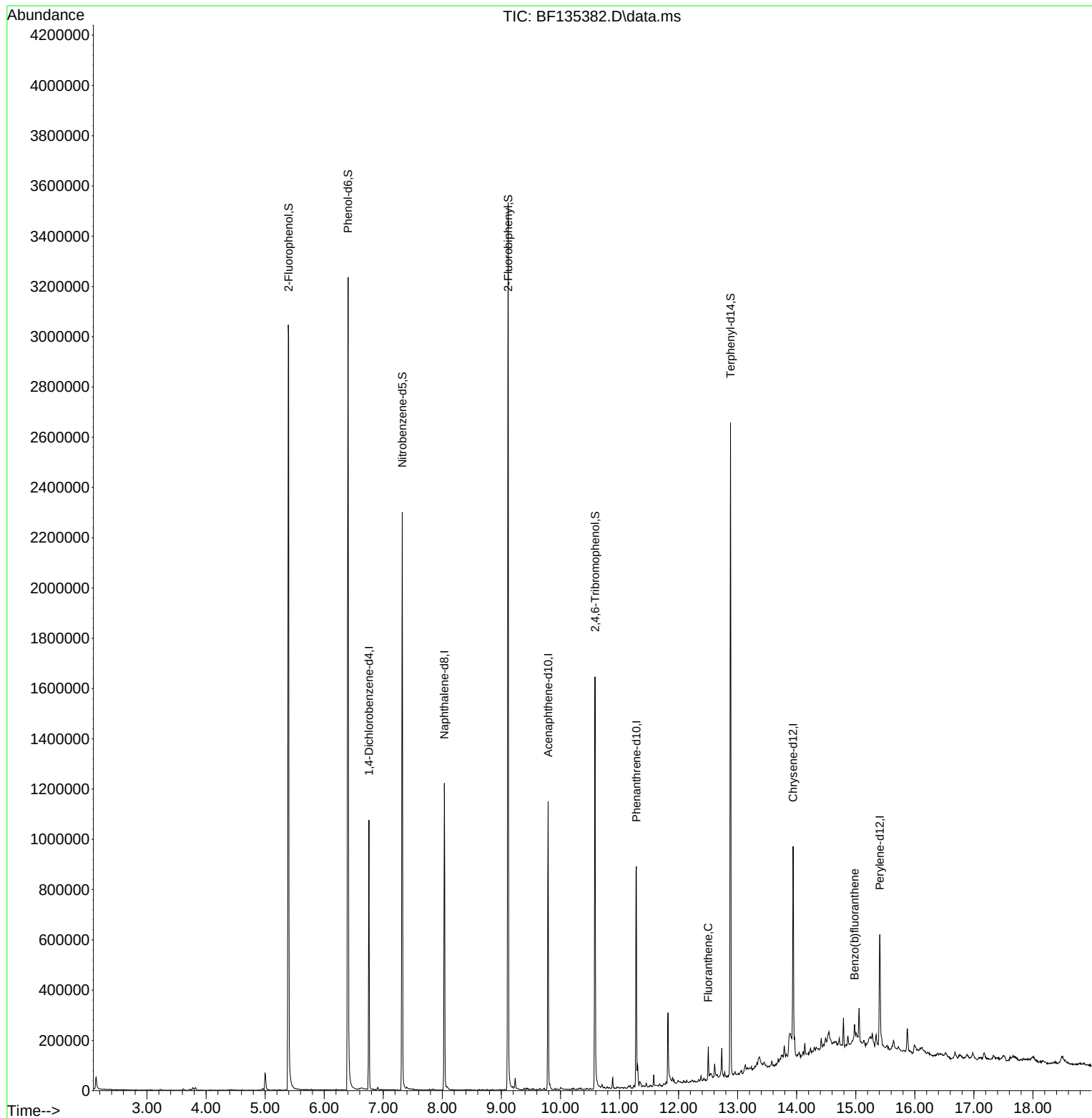
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135382.D
Acq On : 21 Sep 2023 16:06
Operator : CG\JU
Sample : 04407-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

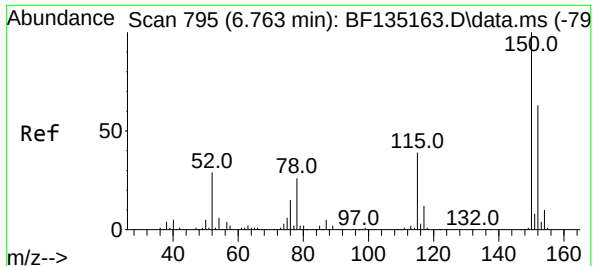
Instrument :
BNA_F
ClientSampleId :
306-TP-1-2-CS-1

Quant Time: Sep 22 05:57:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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QLast Update : Tue Sep 12 00:19:07 2023
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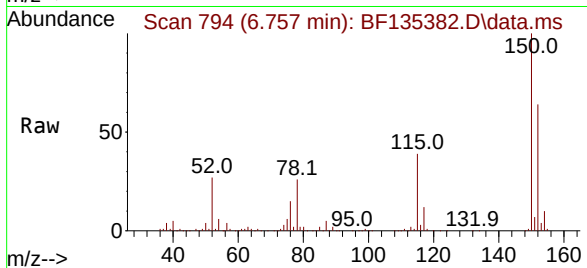
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135382.D
Acq: 21 Sep 2023 16:06

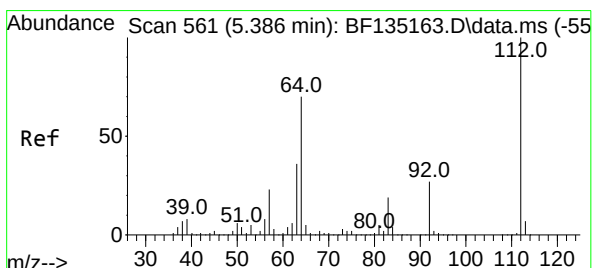
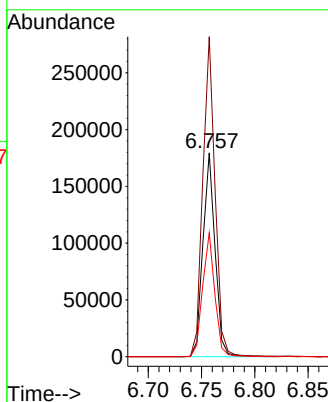
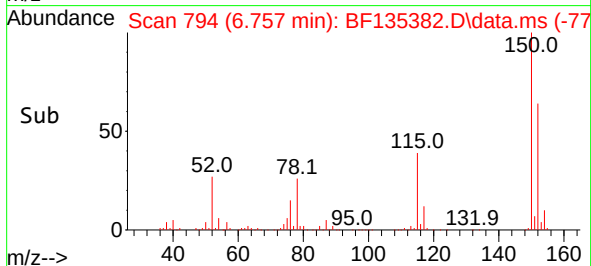
Instrument :
BNA_F
ClientSampleId :
306-TP-1-2-CS-1



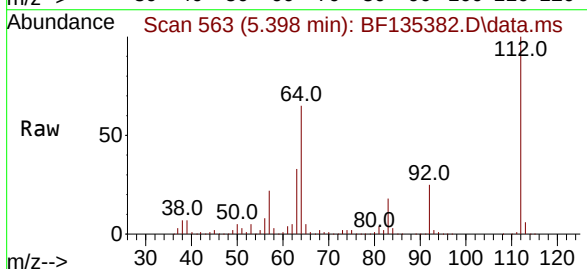
Tgt Ion:152 Resp: 143162
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 60.7 49.8 74.8

Manual Integrations
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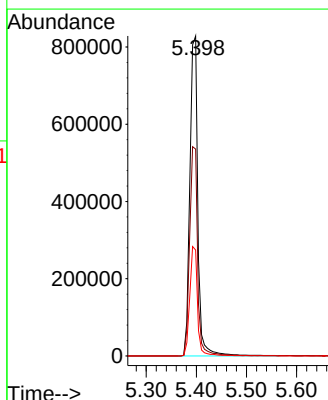
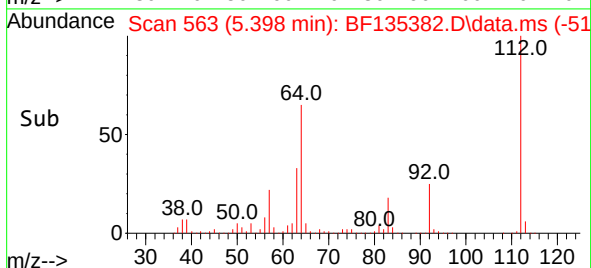
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023

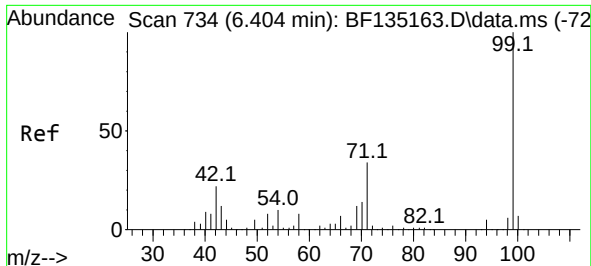


#5
2-Fluorophenol
Concen: 104.314 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135382.D
Acq: 21 Sep 2023 16:06



Tgt Ion:112 Resp: 918184
Ion Ratio Lower Upper
112 100
64 64.7 55.9 83.9
63 33.1 29.0 43.6





#7

Phenol-d6

Concen: 102.812 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135382.D

Acq: 21 Sep 2023 16:06

Instrument :

BNA_F

ClientSampleId :

306-TP-1-2-CS-1

Tgt Ion: 99 Resp: 1150720

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

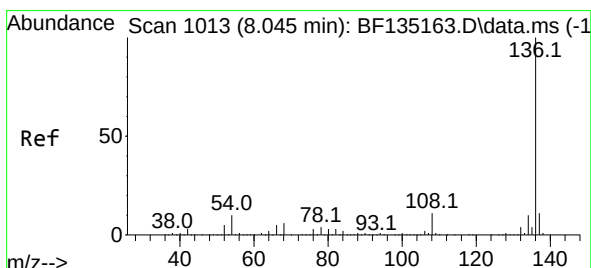
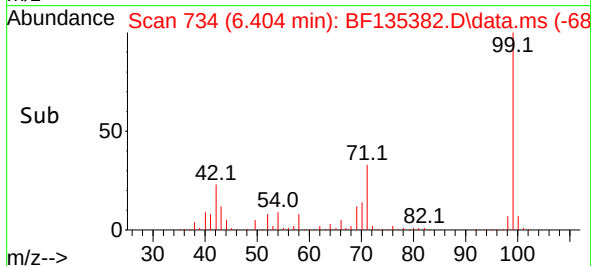
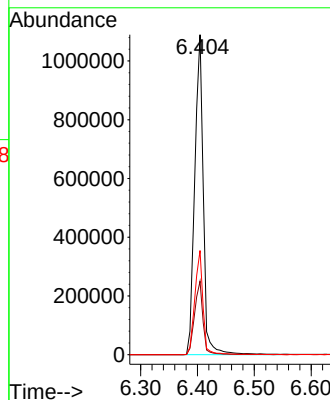
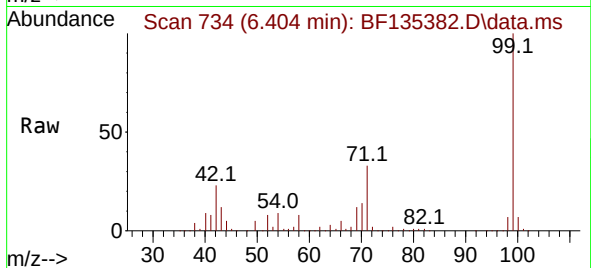
71 32.6 27.0 40.6

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Supervised By :mohammad ahmed 09/27/2023



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BF135382.D

Acq: 21 Sep 2023 16:06

Tgt Ion:136 Resp: 530421

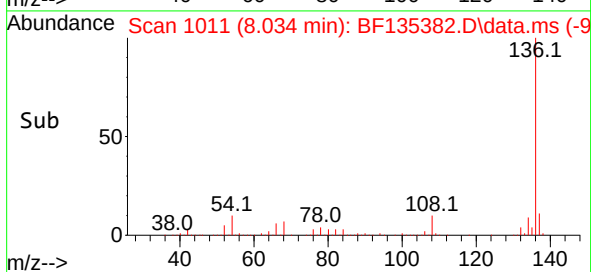
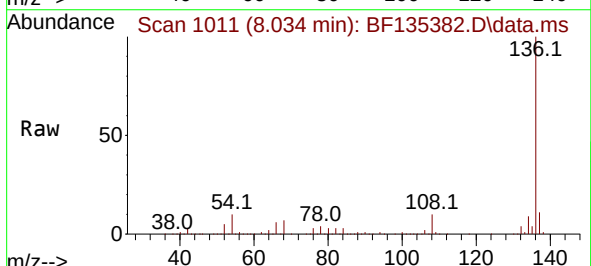
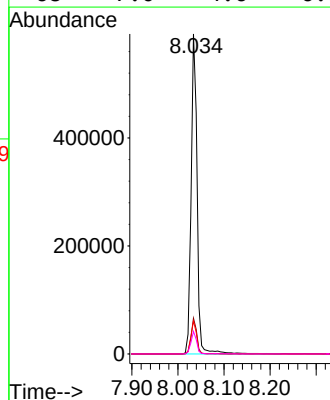
Ion Ratio Lower Upper

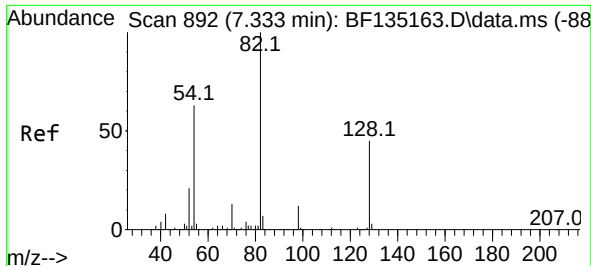
136 100

137 11.2 8.8 13.2

54 10.3 7.7 11.5

68 7.0 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 73.413 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135382.D

Acq: 21 Sep 2023 16:06

Instrument :

BNA_F

ClientSampleId :

306-TP-1-2-CS-1

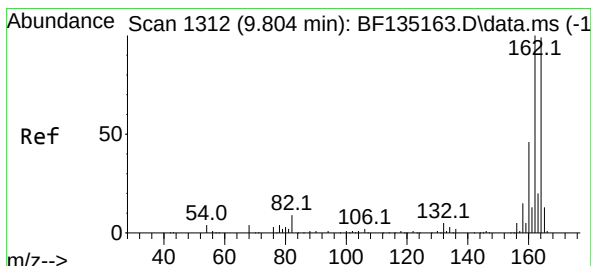
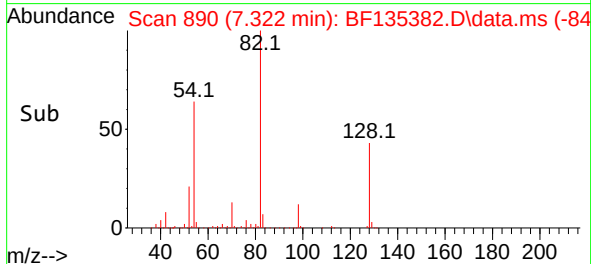
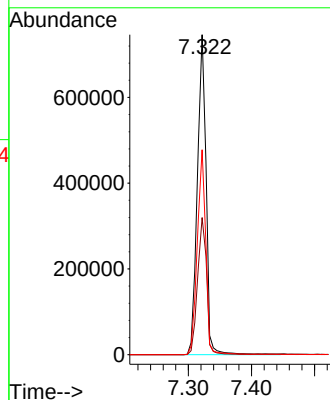
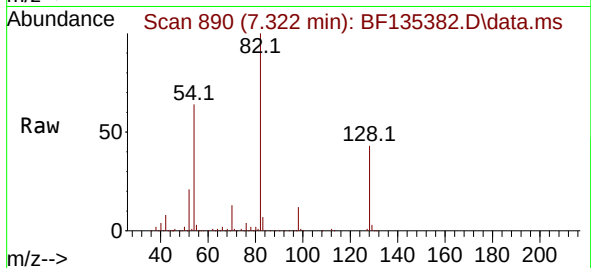
Tgt Ion: 82 Resp: 71673

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.8	53.6
54	64.0	50.6	76.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

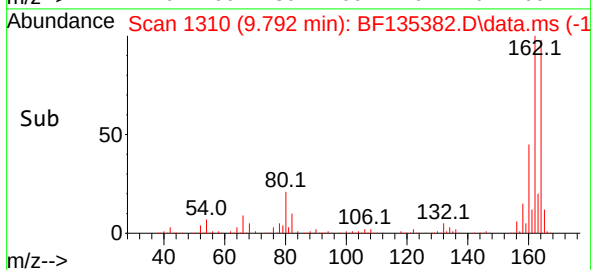
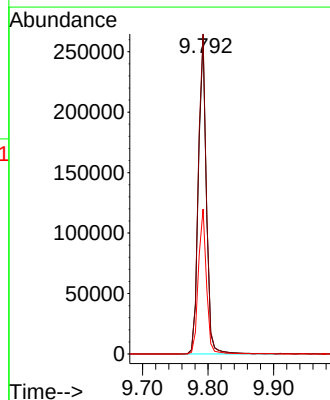
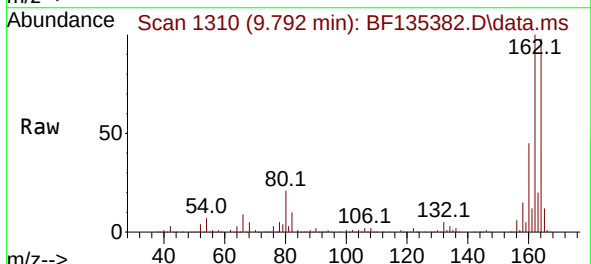
Delta R.T. -0.012 min

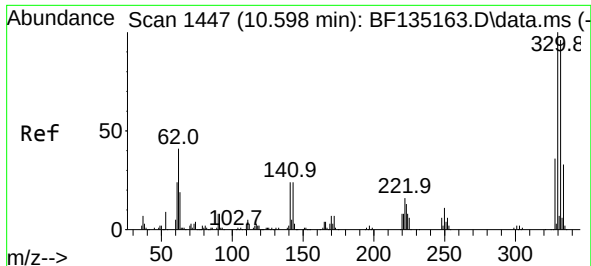
Lab File: BF135382.D

Acq: 21 Sep 2023 16:06

Tgt Ion:164 Resp: 221893

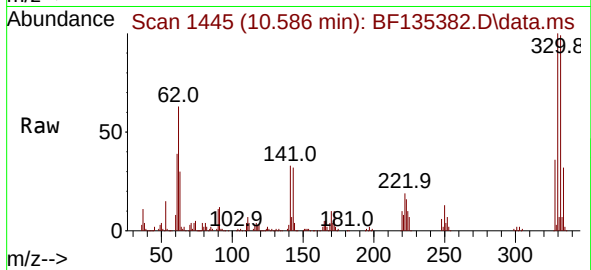
Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.0	121.4
160	46.1	37.0	55.4





#42
2,4,6-Tribromophenol
Concen: 82.696 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135382.D
Acq: 21 Sep 2023 16:06

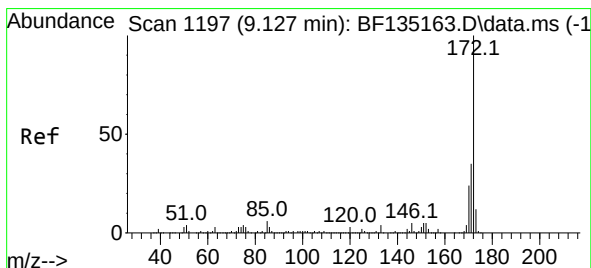
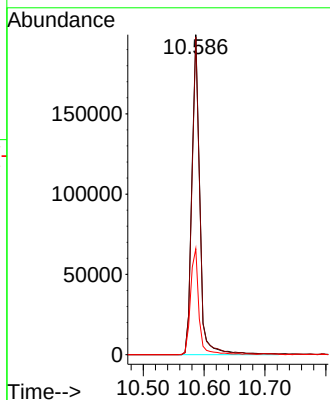
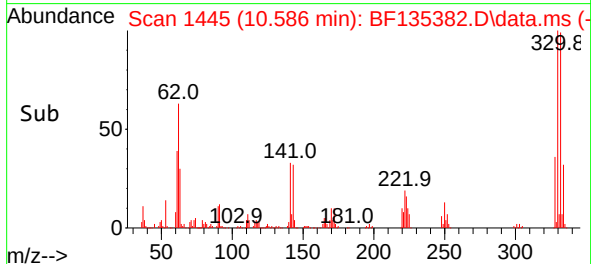
Instrument :
BNA_F
ClientSampleId :
306-TP-1-2-CS-1



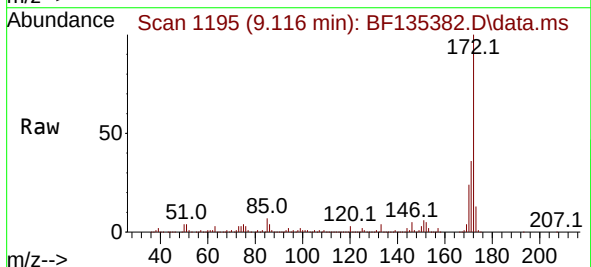
Tgt Ion: 330 Resp: 182352
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 35.1 25.8 38.8

Manual Integrations
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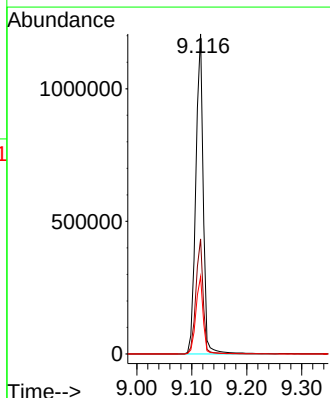
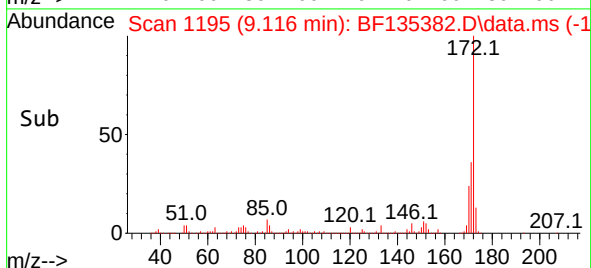
Reviewed By : Yogesh Patel 09/22/2023
Supervised By : mohammad ahmed 09/27/2023

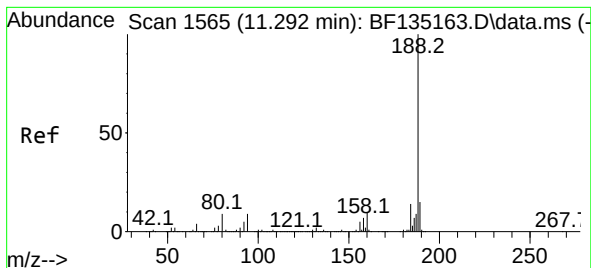


#45
2-Fluorobiphenyl
Concen: 77.336 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135382.D
Acq: 21 Sep 2023 16:06



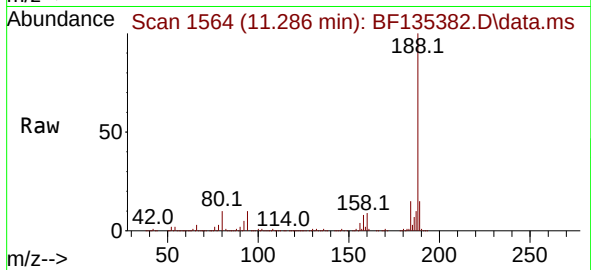
Tgt Ion: 172 Resp: 1137414
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.1 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11286
Delta R.T. -0.006 min
Lab File: BF135382.D
Acq: 21 Sep 2023 16:06

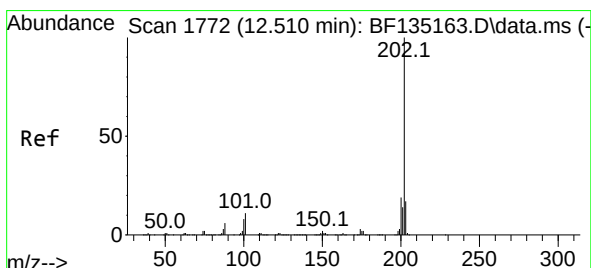
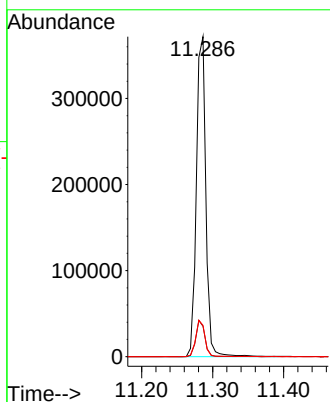
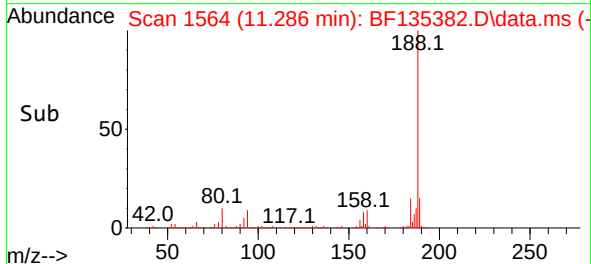
Instrument :
BNA_F
ClientSampleId :
306-TP-1-2-CS-1



Tgt Ion:188 Resp: 34661
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.8 7.5 11.3

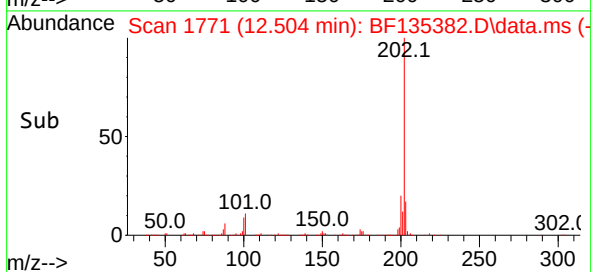
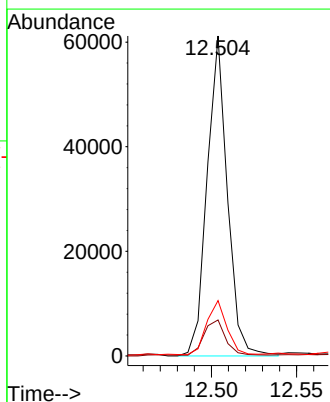
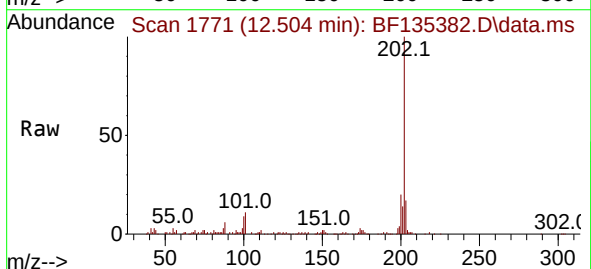
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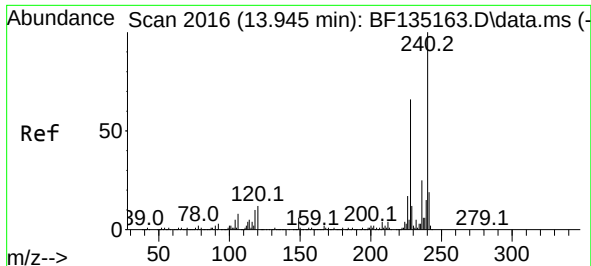
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023



#75
Fluoranthene
Concen: 2.978 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF135382.D
Acq: 21 Sep 2023 16:06

Tgt Ion:202 Resp: 50878
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.3
203 17.3 0.0 37.4





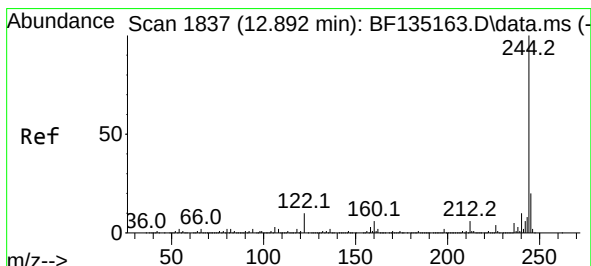
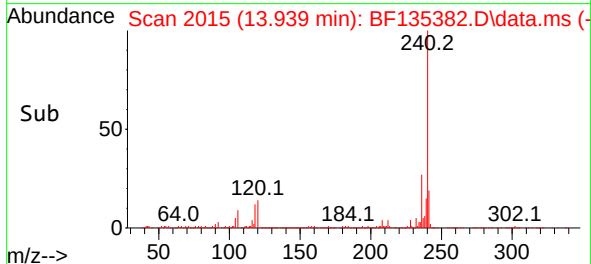
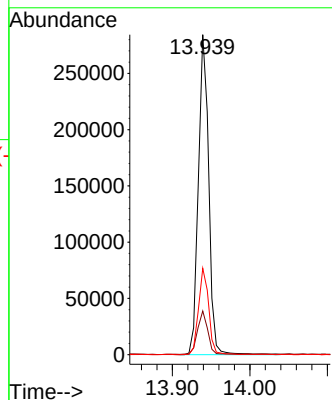
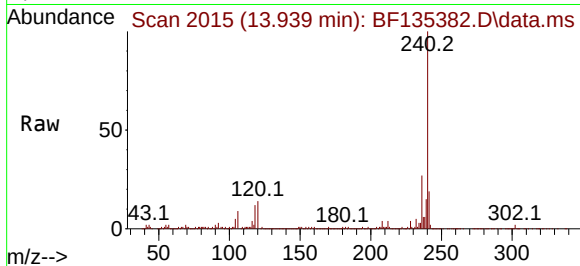
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135382.D
Acq: 21 Sep 2023 16:06

Instrument :
BNA_F
ClientSampleId :
306-TP-1-2-CS-1

Tgt Ion:240 Resp: 26326
Ion Ratio Lower Upper
240 100
120 13.6 9.4 14.2
236 27.0 19.8 29.8

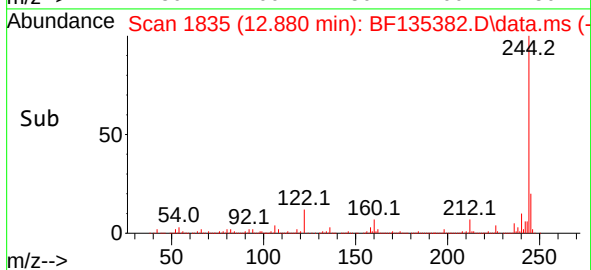
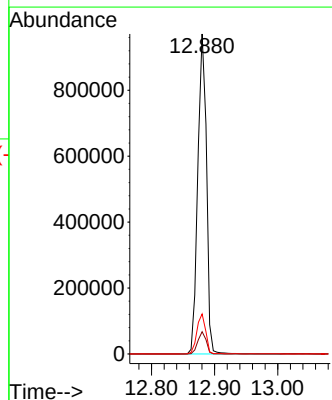
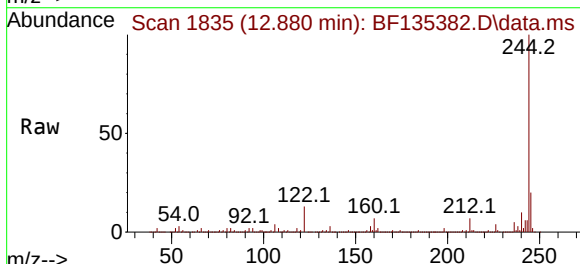
Manual Integrations
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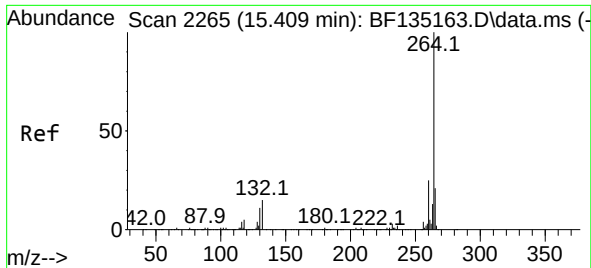
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023



#79
Terphenyl-d14
Concen: 54.489 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF135382.D
Acq: 21 Sep 2023 16:06

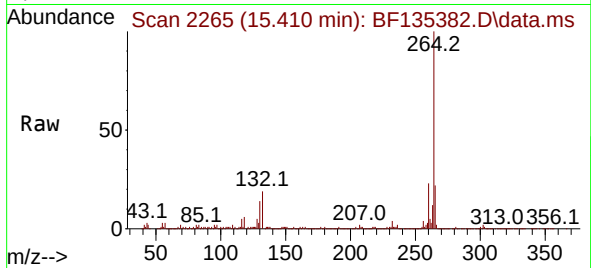
Tgt Ion:244 Resp: 925381
Ion Ratio Lower Upper
244 100
212 7.0 5.1 7.7
122 12.5 7.9 11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BF135382.D
Acq: 21 Sep 2023 16:06

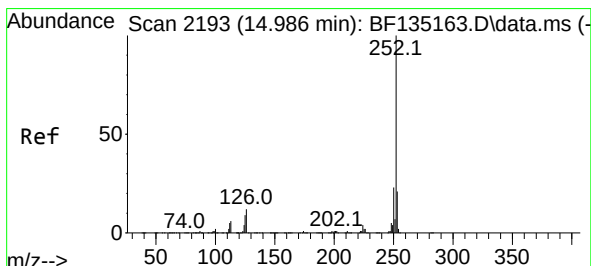
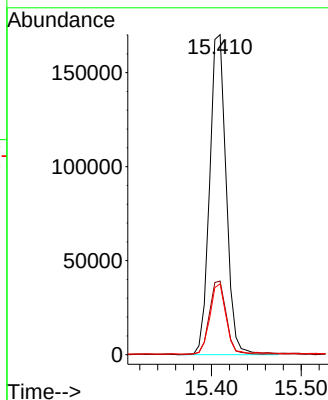
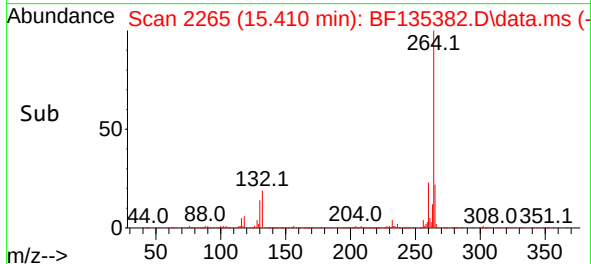
Instrument :
BNA_F
ClientSampleId :
306-TP-1-2-CS-1



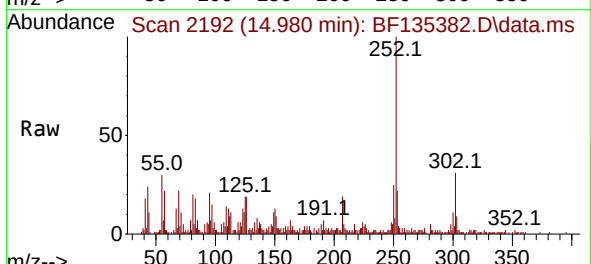
Tgt Ion:264 Resp: 21841
Ion Ratio Lower Upper
264 100
260 23.0 19.8 29.6
265 22.2 17.0 25.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023



#88
Benzo(b)fluoranthene
Concen: 2.439 ng m
RT: 14.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF135382.D
Acq: 21 Sep 2023 16:06



Tgt Ion:252 Resp: 28836
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 19.5 7.1 10.7#

