

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135326.D
 Acq On : 19 Sep 2023 01:30
 Operator : CG\JU
 Sample : 04392-01DL 100X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTEDL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :Sohil Jodhani 09/19/2023

Quant Time: Sep 19 01:58:34 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	91007	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	288275	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	118100	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	206786	20.000	ng	0.00
76) Chrysene-d12	13.939	240	203142	20.000	ng	0.00
86) Perylene-d12	15.404	264	153529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	4782	0.855	ng	0.00
7) Phenol-d6	6.410	99	6766	0.951	ng	0.00
23) Nitrobenzene-d5	7.322	82	6641m	1.252	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	785	0.669	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	7653	0.978	ng	-0.02
79) Terphenyl-d14	12.880	244	6900	0.527	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.057	128	132522	9.462	ng	97
37) 2-Methylnaphthalene	8.751	142	306792	32.585	ng	100
38) 1-Methylnaphthalene	8.851	142	185499	21.044	ng	99
46) 1,1'-Biphenyl	9.216	154	45625	5.027	ng	99
58) Fluorene	10.345	166	30647	4.041	ng	# 96
71) Phenanthrene	11.310	178	61707	6.309	ng	# 95

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

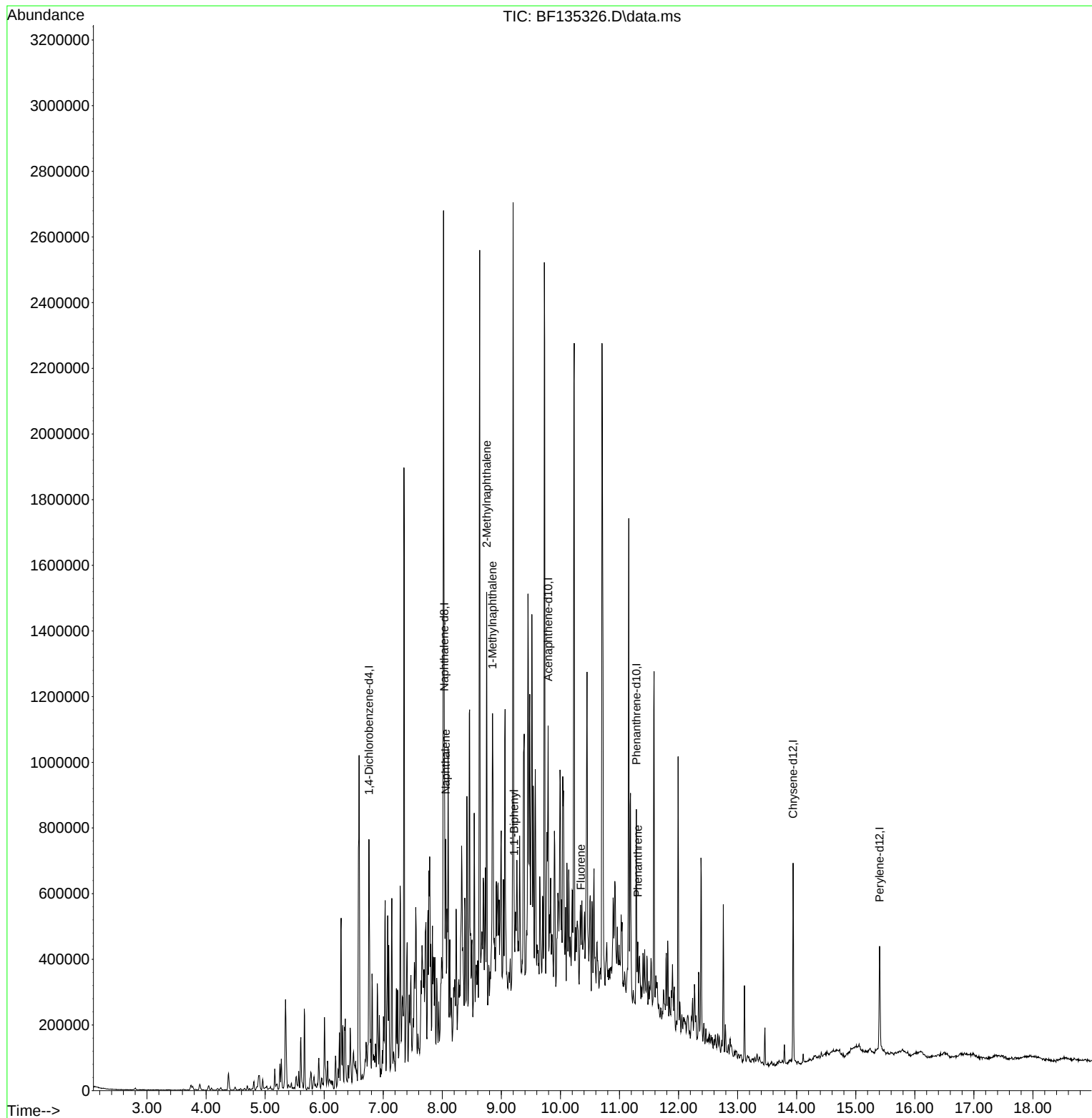
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
Data File : BF135326.D
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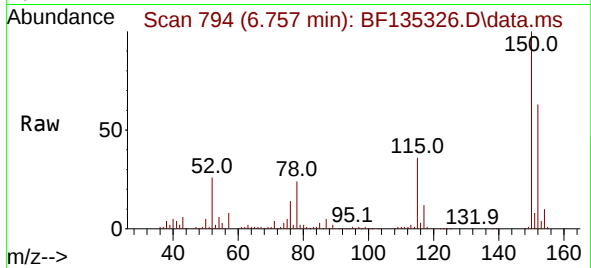
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :Sohil Jodhani 09/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

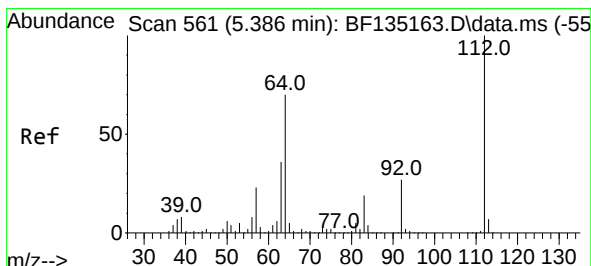
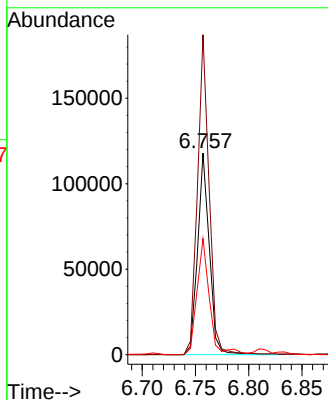
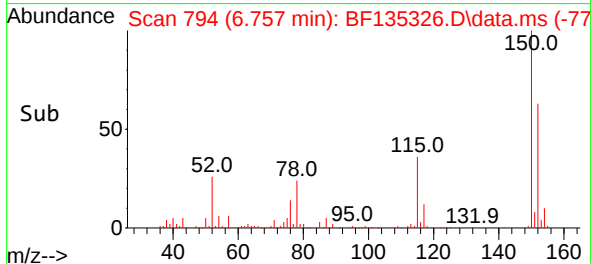
Instrument :
BNA_F
ClientSampleId :
WASTEDL



Tgt Ion:152 Resp: 9100
Ion Ratio Lower Upper
152 100
150 158.7 127.8 191.6
115 57.5 49.8 74.8

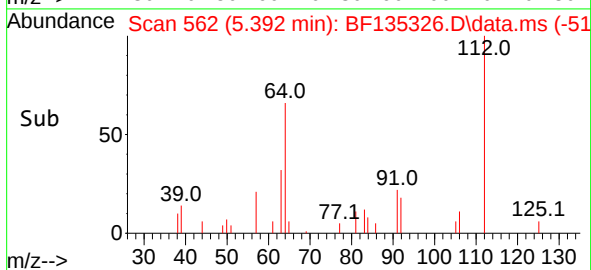
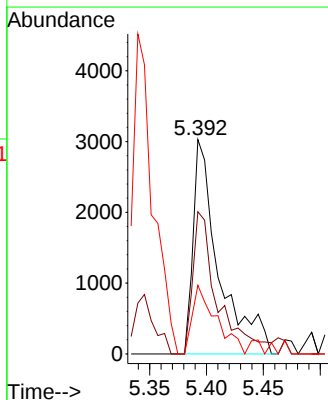
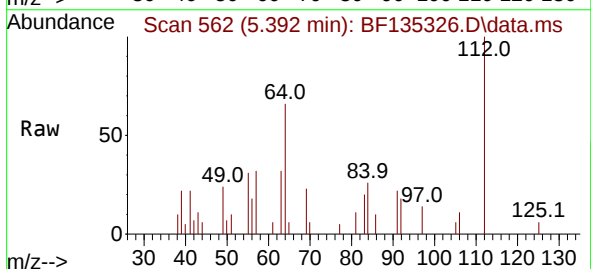
Manual Integrations
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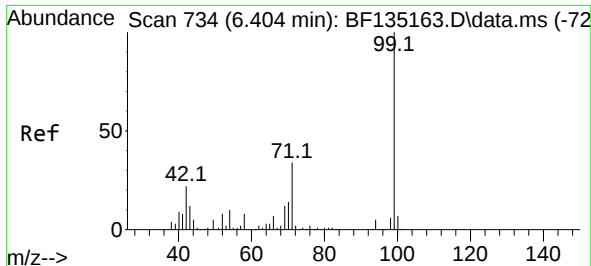
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :Sohil Jodhani 09/19/2023



#5
2-Fluorophenol
Concen: 0.855 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

Tgt Ion:112 Resp: 4782
Ion Ratio Lower Upper
112 100
64 66.3 55.9 83.9
63 32.0 29.0 43.6





#7

Phenol-d6

Concen: 0.951 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135326.D

Acq: 19 Sep 2023 01:30

Instrument :

BNA_F

ClientSampleId :

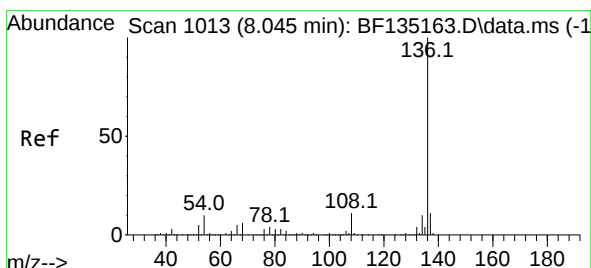
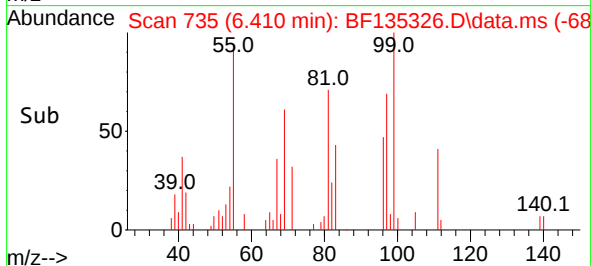
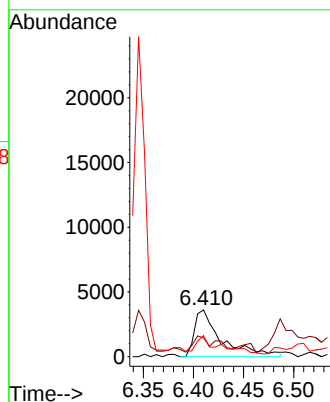
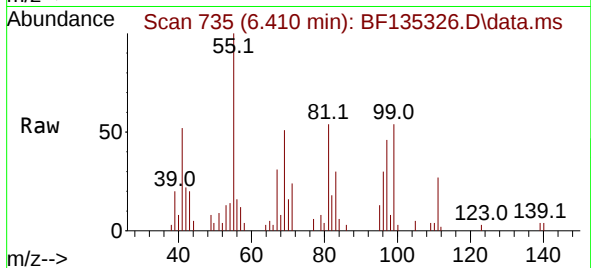
WASTEDL

Tgt Ion: 99 Resp: 6760
 Ion Ratio Lower Upper
 99 100
 42 40.1 17.9 26.9#
 71 45.3 27.0 40.6#

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 Supervised By :Sohil Jodhani 09/19/2023



#21

Naphthalene-d8

Concen: 20.000 ng

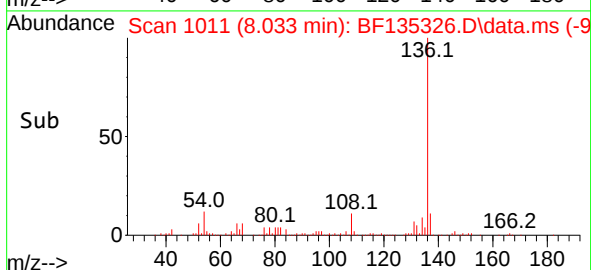
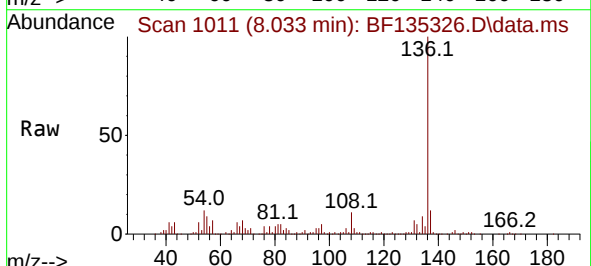
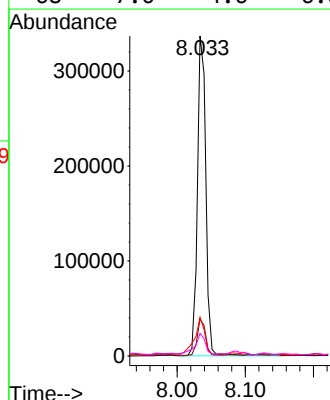
RT: 8.033 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BF135326.D

Acq: 19 Sep 2023 01:30

Tgt Ion:136 Resp: 288275
 Ion Ratio Lower Upper
 136 100
 137 11.6 8.8 13.2
 54 12.0 7.7 11.5#
 68 7.0 4.6 6.8#





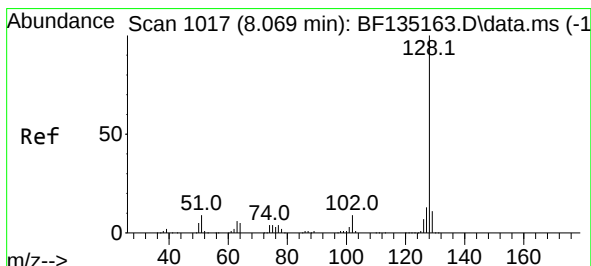
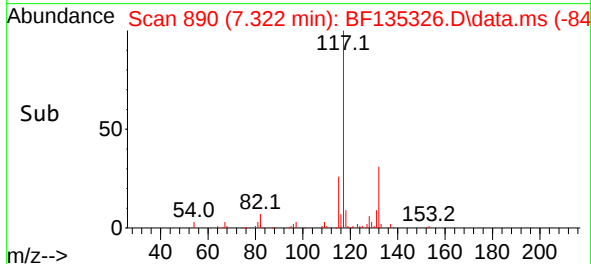
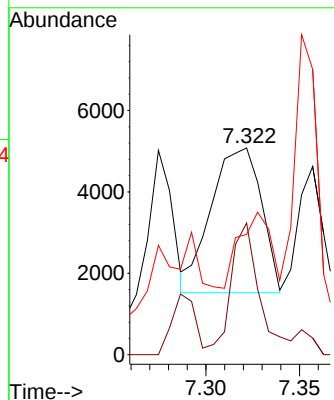
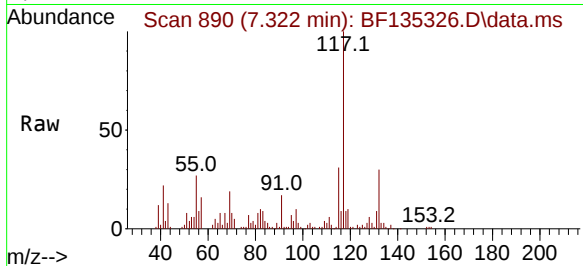
#23
Nitrobenzene-d5
Concen: 1.252 ng m
RT: 7.322 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion: 82 Resp: 664
Ion Ratio Lower Upper
82 100
128 63.7 35.8 53.6
54 58.2 50.6 76.0

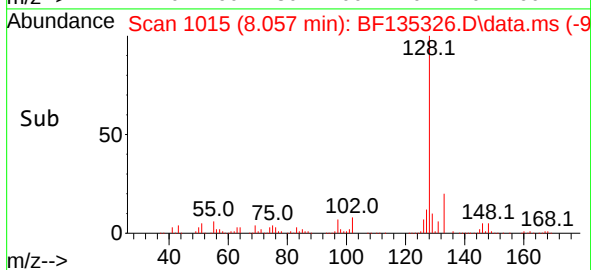
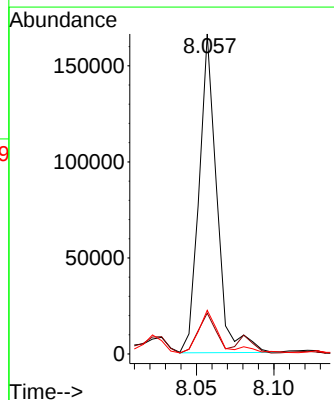
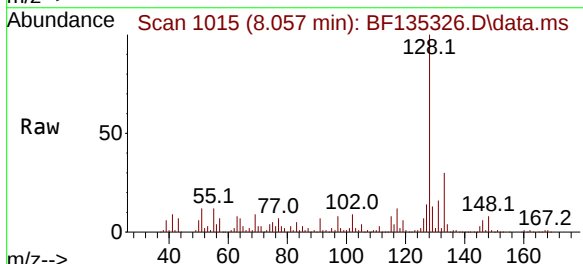
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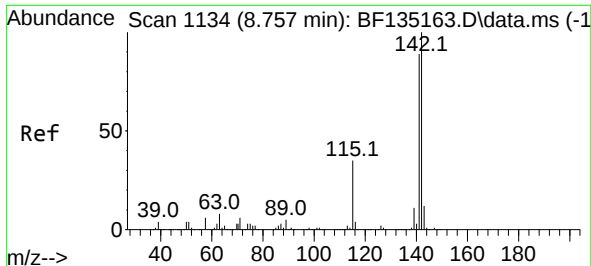
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :Sohil Jodhani 09/19/2023



#31
Naphthalene
Concen: 9.462 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

Tgt Ion:128 Resp: 132522
Ion Ratio Lower Upper
128 100
129 12.8 8.7 13.1
127 13.7 10.7 16.1





#37

2-Methylnaphthalene

Concen: 32.585 ng

RT: 8.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF135326.D

Acq: 19 Sep 2023 01:30

Instrument :

BNA_F

ClientSampleId :

WASTEDL

Tgt Ion:142 Resp: 306792

Ion Ratio Lower Upper

142 100

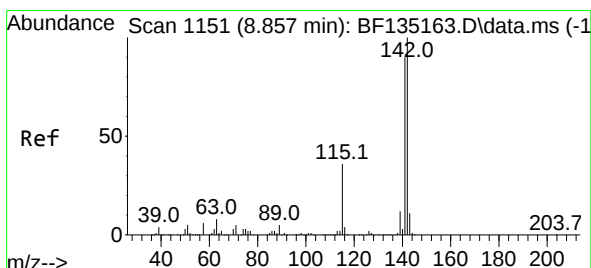
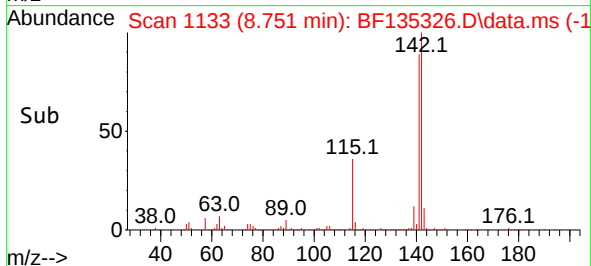
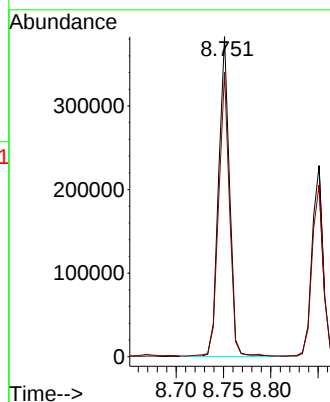
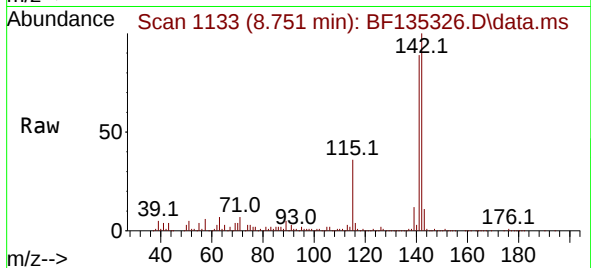
141 88.8 71.0 106.6

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :Sohil Jodhani 09/19/2023



#38

1-Methylnaphthalene

Concen: 21.044 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135326.D

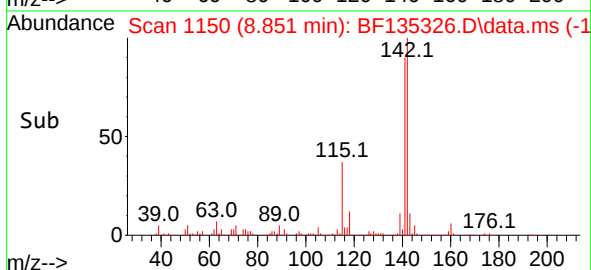
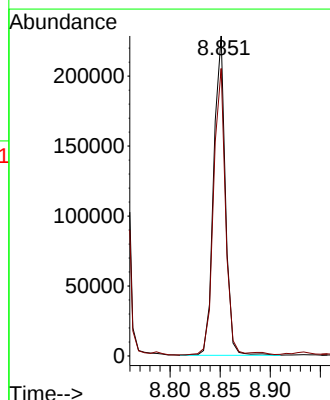
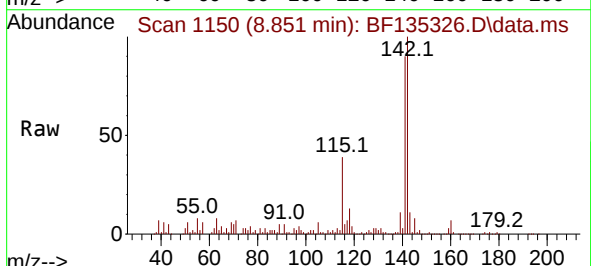
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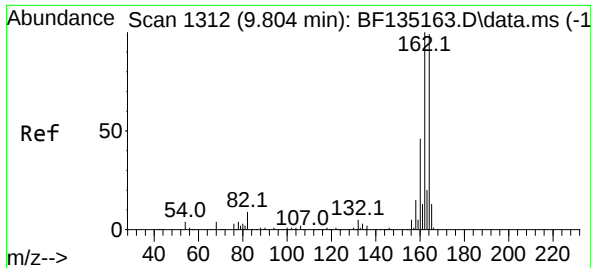
Tgt Ion:142 Resp: 185499

Ion Ratio Lower Upper

142 100

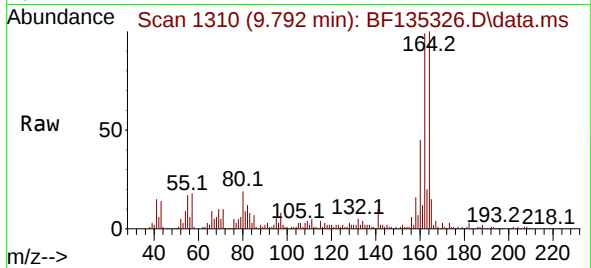
141 89.8 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

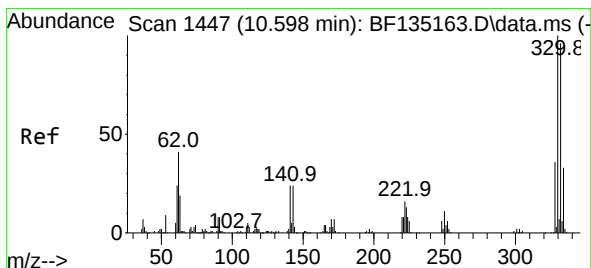
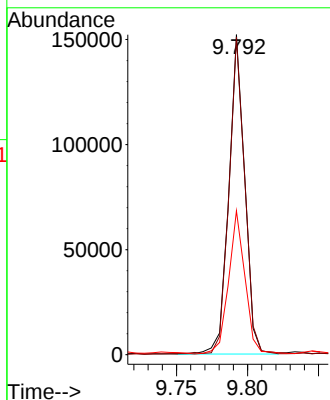
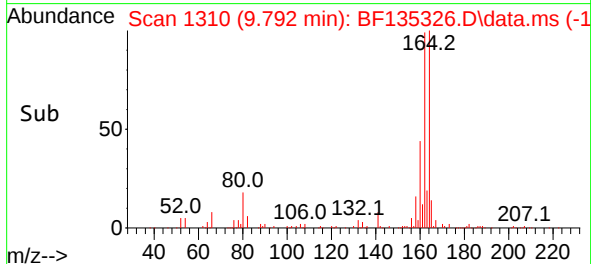
Instrument :
BNA_F
ClientSampleId :
WASTEDL



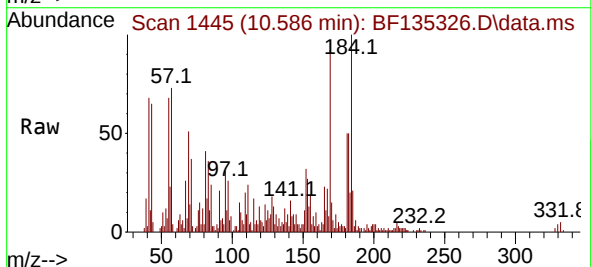
Tgt Ion:164 Resp: 118100
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.4
160 45.0 37.0 55.4

Manual Integrations
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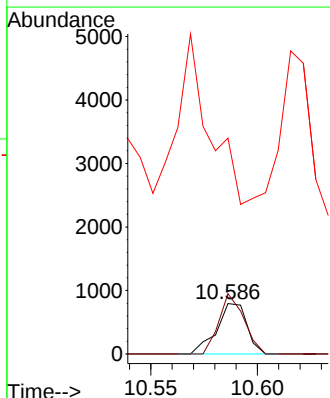
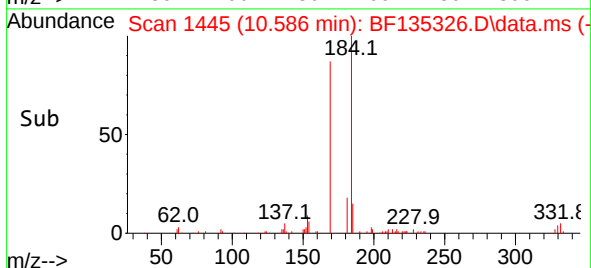
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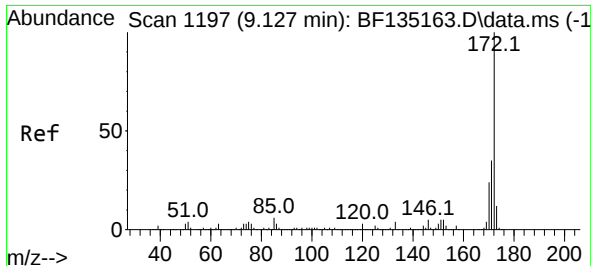


#42
2,4,6-Tribromophenol
Concen: 0.669 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30



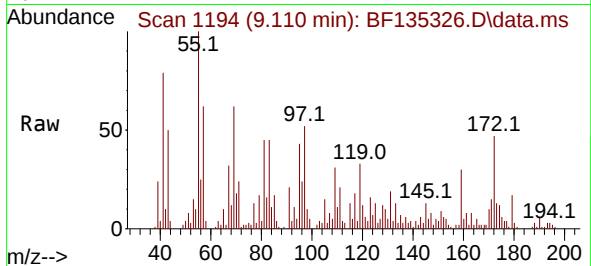
Tgt Ion:330 Resp: 785
Ion Ratio Lower Upper
330 100
332 98.9 77.3 115.9
141 315.0 25.8 38.8#





#45
2-Fluorobiphenyl
Concen: 0.978 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.018 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

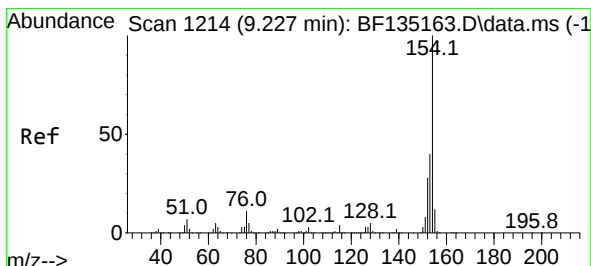
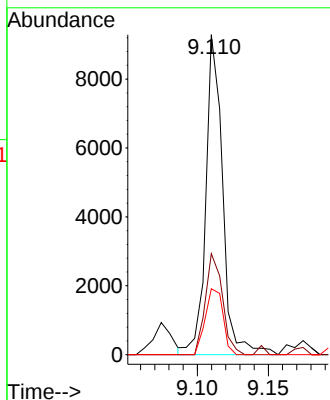
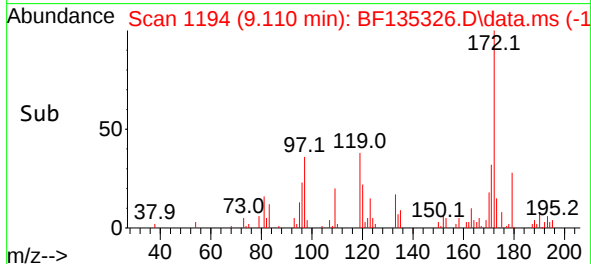
Instrument :
BNA_F
ClientSampleId :
WASTEDL



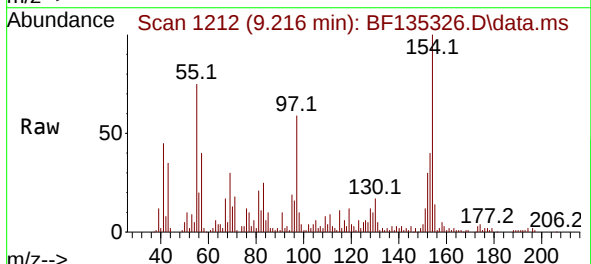
Tgt Ion:172 Resp: 765
Ion Ratio Lower Upper
172 100
171 31.5 28.4 42.6
170 20.6 19.0 28.4

Manual Integrations
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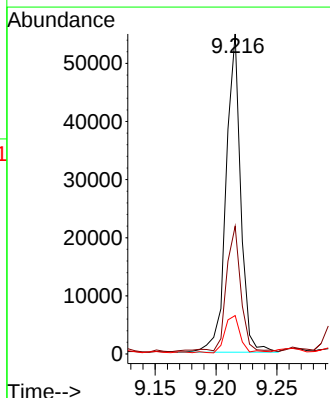
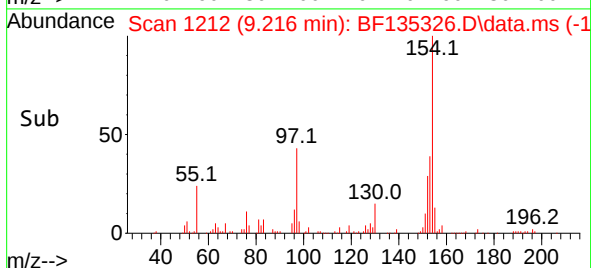
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :Sohil Jodhani 09/19/2023

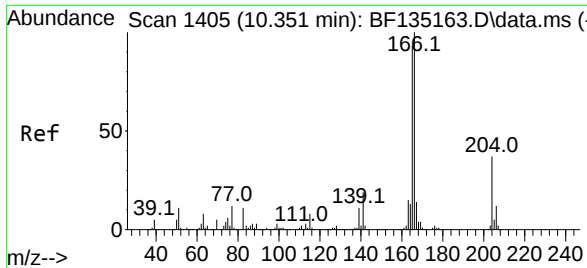


#46
1,1'-Biphenyl
Concen: 5.027 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30



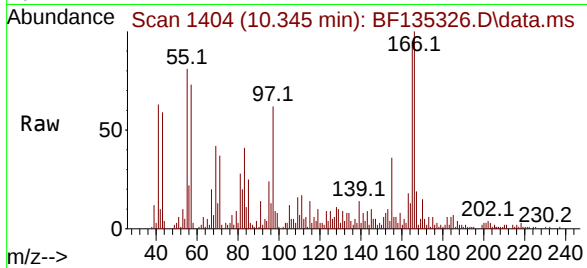
Tgt Ion:154 Resp: 45625
Ion Ratio Lower Upper
154 100
153 39.9 19.6 59.6
76 12.0 0.0 31.0





#58
Fluorene
Concen: 4.041 ng
RT: 10.345 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

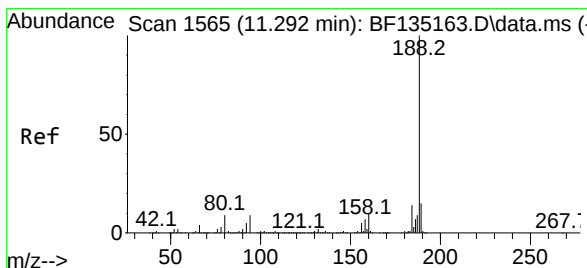
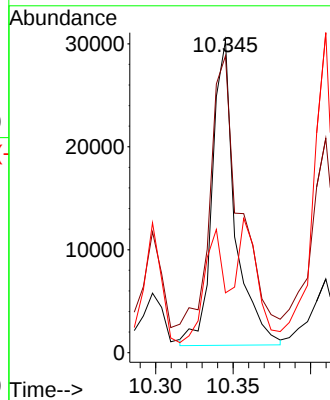
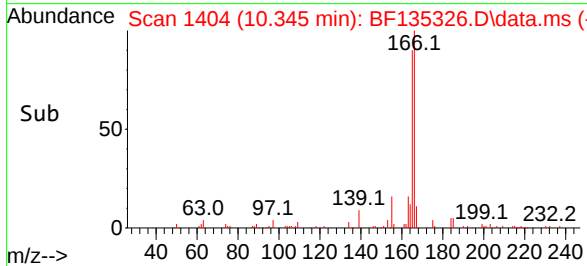
Instrument :
BNA_F
ClientSampleId :
WASTEDL



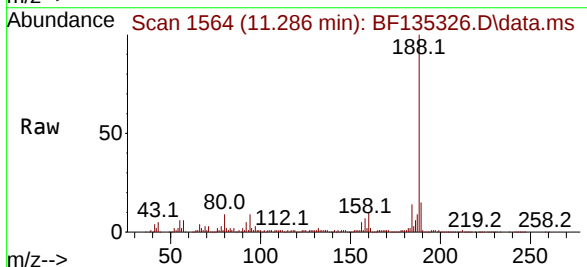
Tgt Ion:166 Resp: 3064
Ion Ratio Lower Upper
166 100
165 95.1 74.3 111.5
167 19.2 10.9 16.3

Manual Integrations
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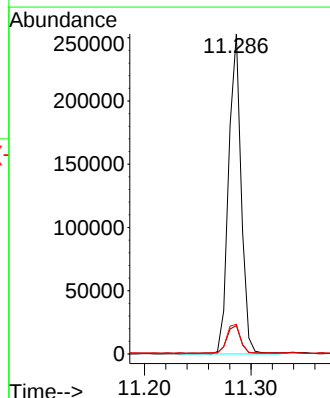
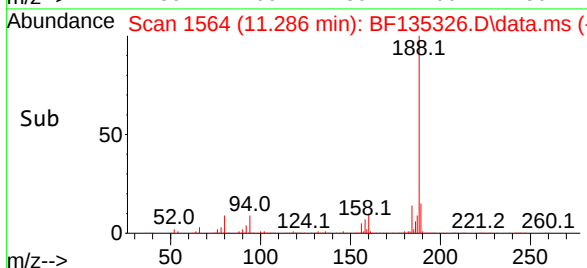
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :Sohil Jodhani 09/19/2023

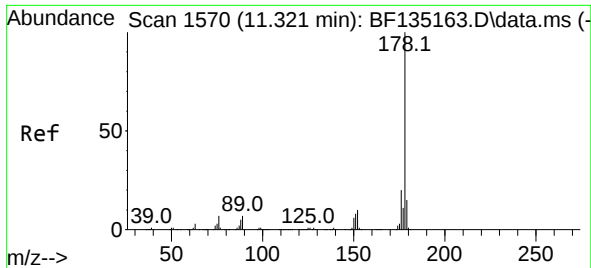


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30



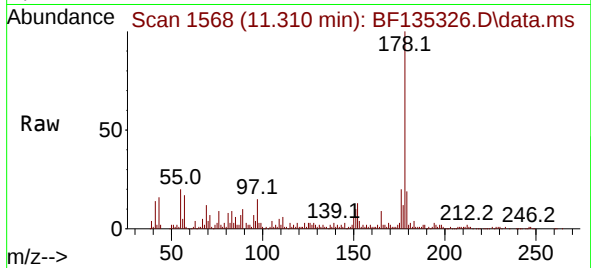
Tgt Ion:188 Resp: 206786
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.3 7.5 11.3





#71
Phenanthrene
Concen: 6.309 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

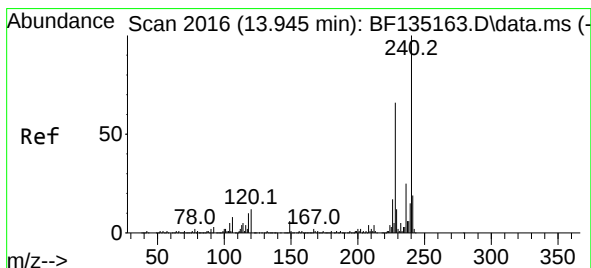
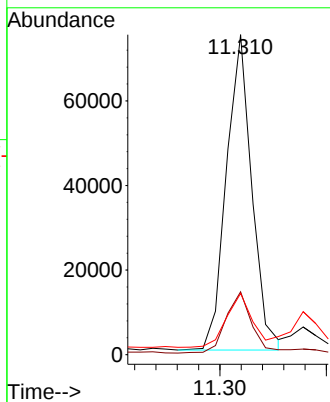
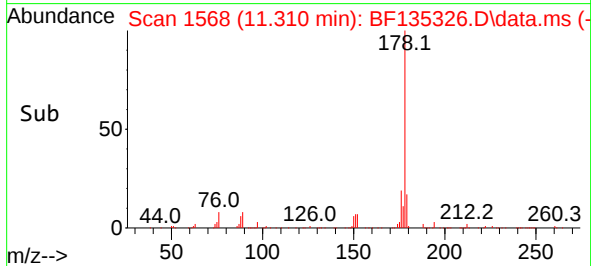
Instrument :
BNA_F
ClientSampleId :
WASTEDL



Tgt Ion:178 Resp: 6170
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 19.2 12.0 18.0

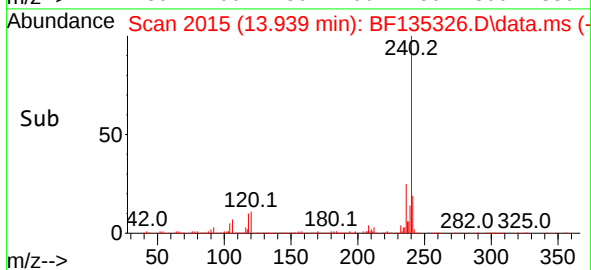
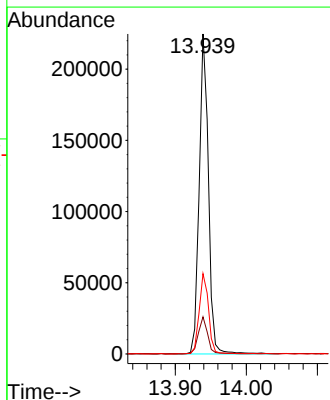
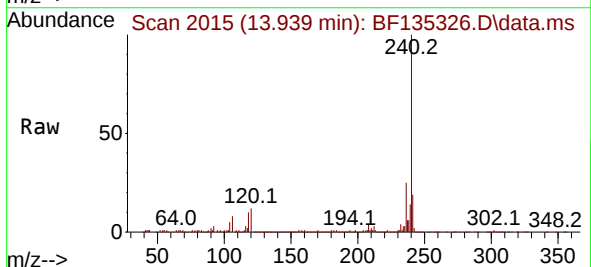
Manual Integrations
APPROVED

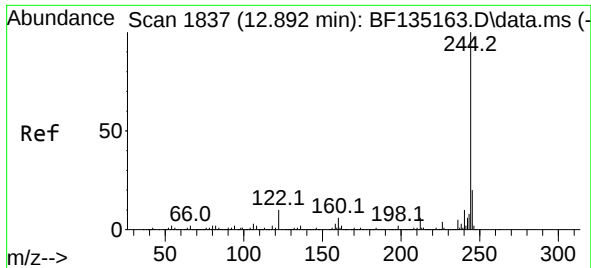
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :Sohil Jodhani 09/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

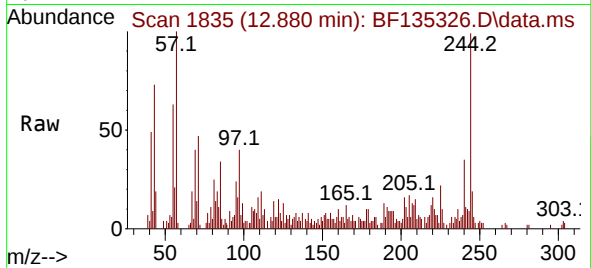
Tgt Ion:240 Resp: 203142
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.1 19.8 29.8





#79
 Terphenyl-d14
 Concen: 0.527 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135326.D
 Acq: 19 Sep 2023 01:30

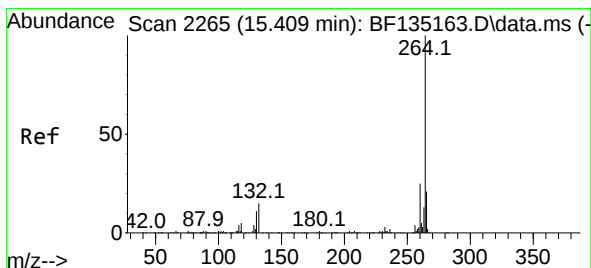
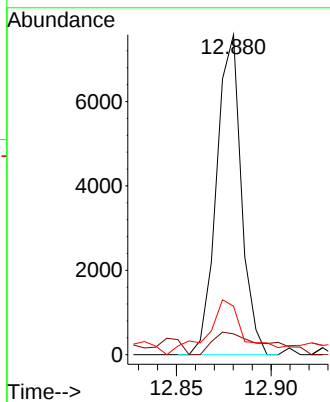
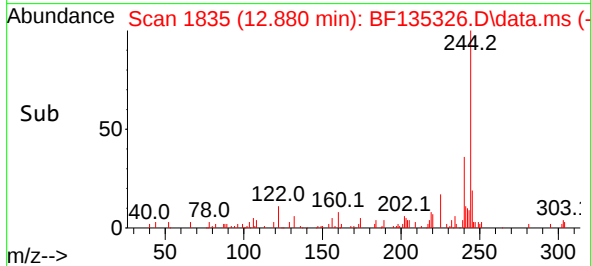
Instrument :
 BNA_F
 ClientSampleId :
 WASTEDL



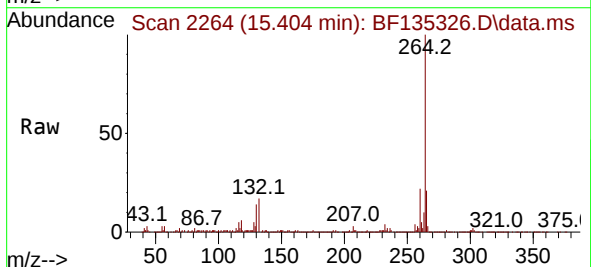
Tgt Ion:244 Resp: 6900
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 15.2 7.9 11.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :Sohil Jodhani 09/19/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135326.D
 Acq: 19 Sep 2023 01:30



Tgt Ion:264 Resp: 153529
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.8 29.6
 265 21.1 17.0 25.4

