

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134445.D
 Acq On : 24 Jul 2023 23:55
 Operator : CG\JU
 Sample : 03668-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48719

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 02:55:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	62847	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	200135	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	101021	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	203188	20.000	ng	0.00
76) Chrysene-d12	14.027	240	155895	20.000	ng	0.00
86) Perylene-d12	15.527	264	139402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	174115	45.773	ng	0.00
7) Phenol-d6	6.475	99	111582	23.942	ng	0.00
23) Nitrobenzene-d5	7.398	82	284149	71.833	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	155618	108.420	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	543577	70.639	ng	0.00
79) Terphenyl-d14	12.963	244	655092	73.355	ng	0.00
Target Compounds						
31) Naphthalene	8.134	128	47366m	4.755	ng	Qvalue
37) 2-Methylnaphthalene	8.828	142	134019	19.365	ng	99
38) 1-Methylnaphthalene	8.928	142	182796	28.471	ng	97
52) Acenaphthene	9.904	154	17840	2.912	ng	93
58) Fluorene	10.422	166	22672	2.981	ng	98

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

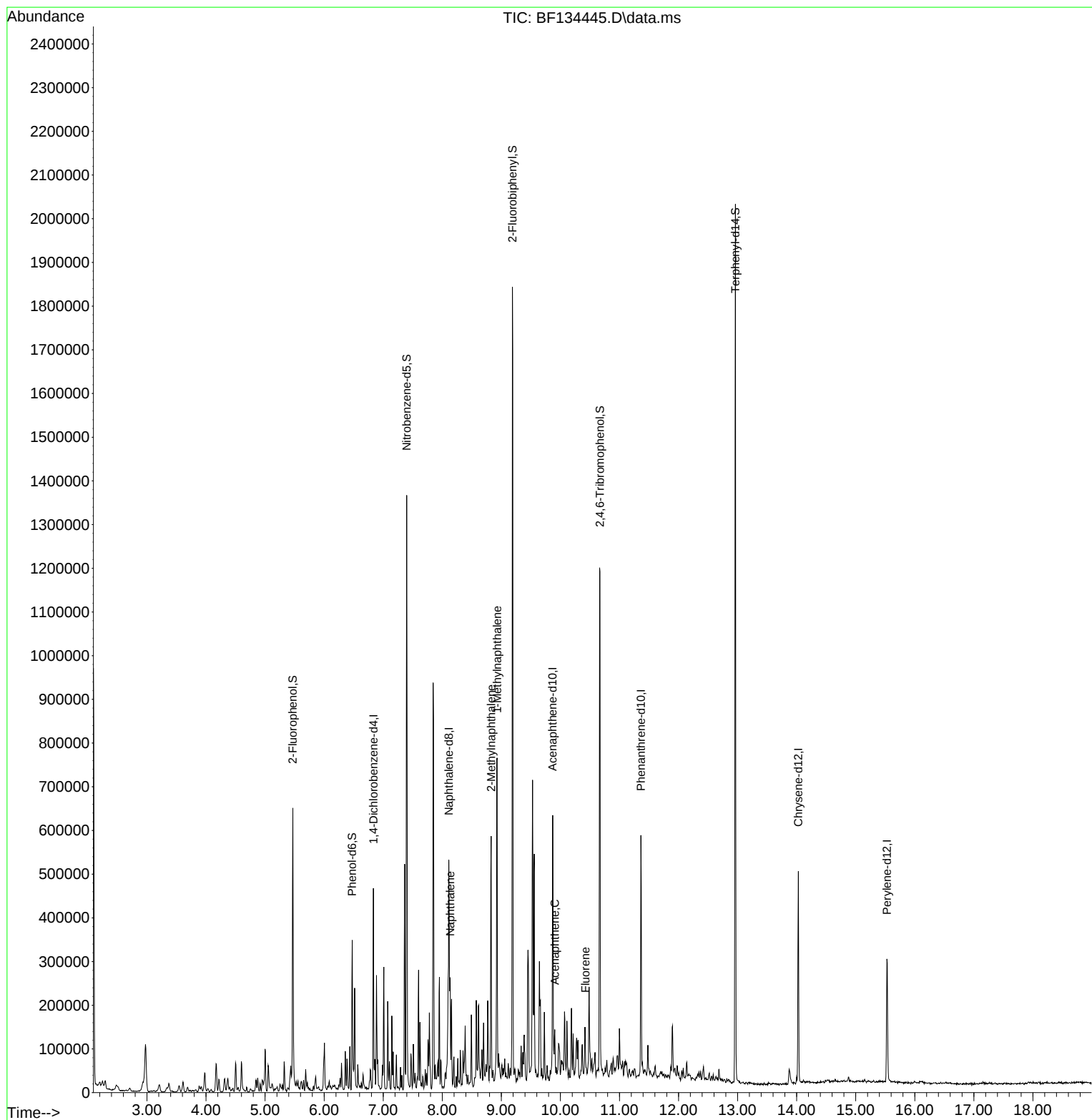
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
Operator : CG\JU
Sample : 03668-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

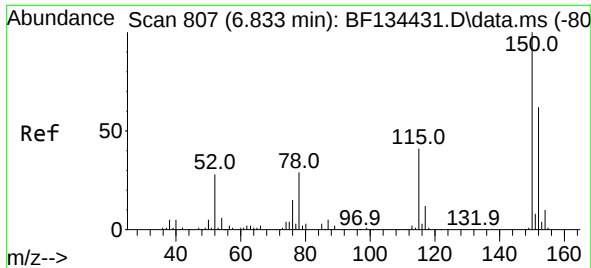
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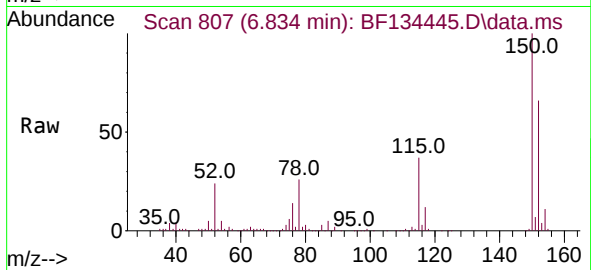
Quant Time: Jul 25 02:55:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

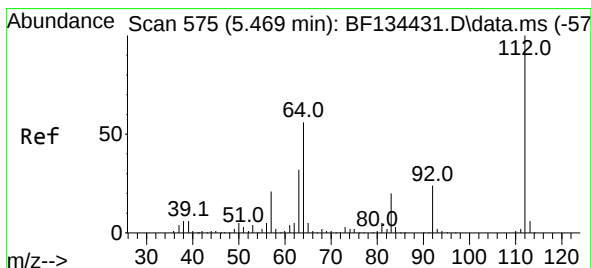
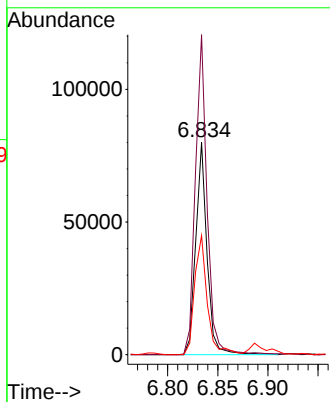
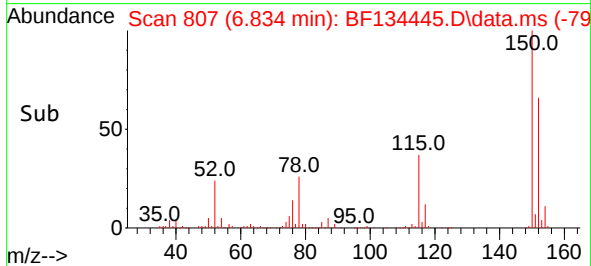
Instrument :
BNA_F
ClientSampleId :
N48719



Tgt Ion:152 Resp: 6284
Ion Ratio Lower Upper
152 100
150 150.7 128.3 192.5
115 56.1 52.4 78.6

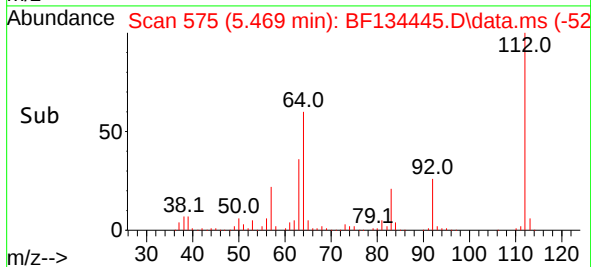
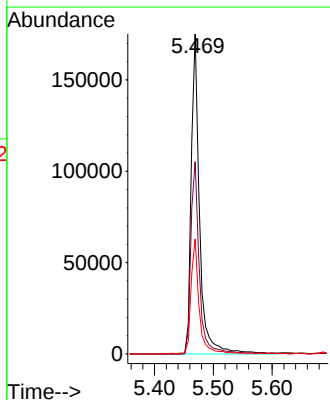
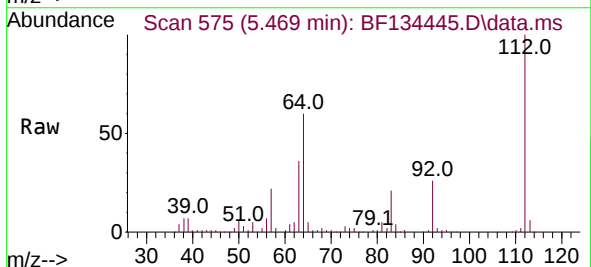
Manual Integrations
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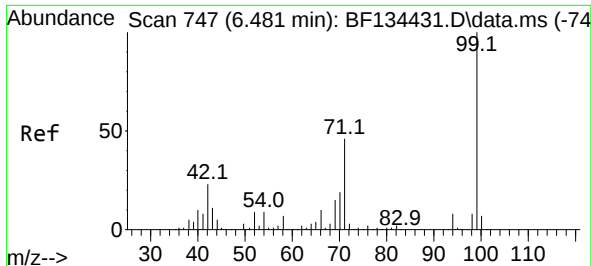
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#5
2-Fluorophenol
Concen: 45.773 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

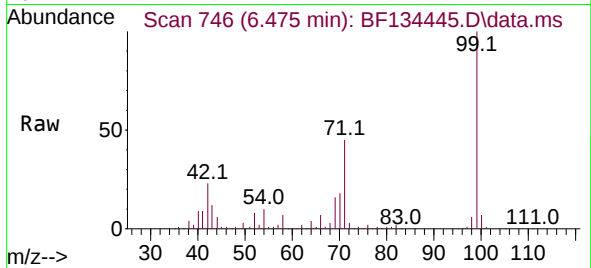
Tgt Ion:112 Resp: 174115
Ion Ratio Lower Upper
112 100
64 60.1 44.9 67.3
63 35.9 25.4 38.0





#7
Phenol-d6
Concen: 23.942 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

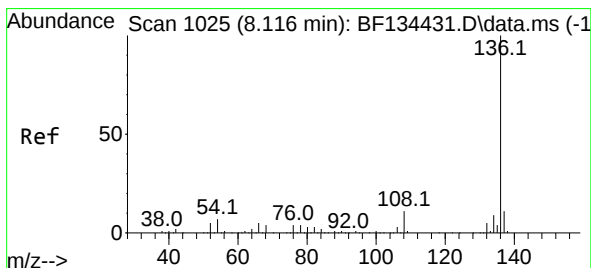
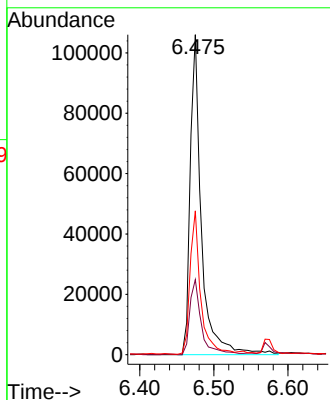
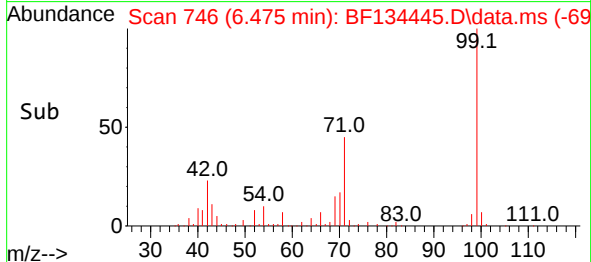
Instrument :
BNA_F
ClientSampleId :
N48719



Tgt Ion: 99 Resp: 11158
Ion Ratio Lower Upper
99 100
42 23.5 18.7 28.1
71 44.9 36.4 54.6

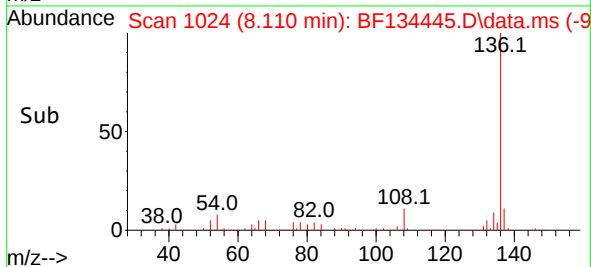
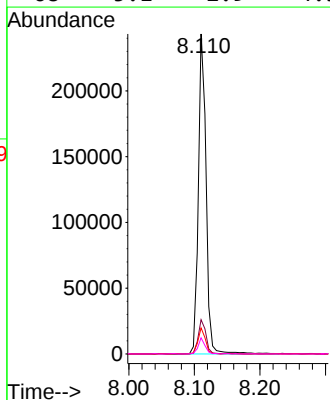
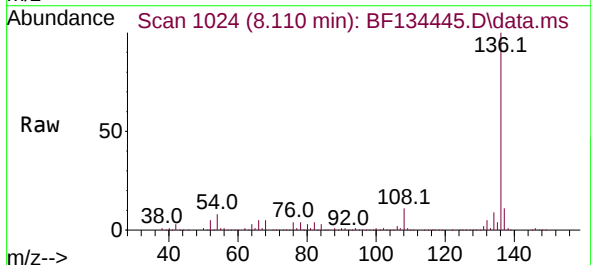
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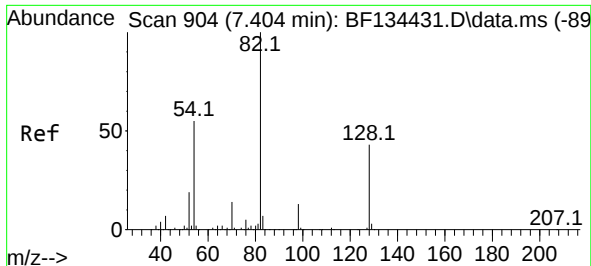
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

Tgt Ion:136 Resp: 200135
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.1 5.2 7.8#
68 5.1 2.9 4.3#





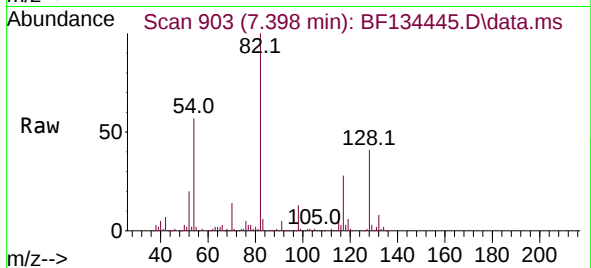
#23
Nitrobenzene-d5
Concen: 71.833 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

Instrument :

BNA_F

ClientSampleId :

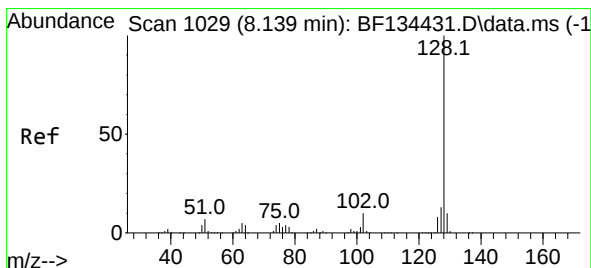
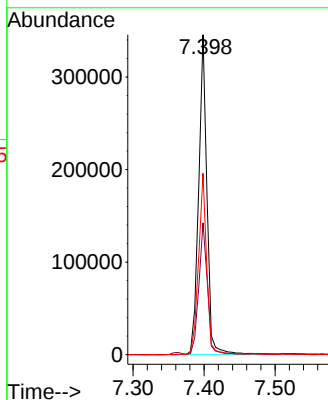
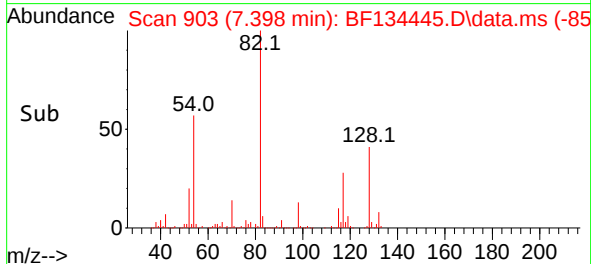
N48719



Tgt Ion: 82 Resp: 284149
Ion Ratio Lower Upper
82 100
128 41.2 34.3 51.5
54 56.7 43.8 65.6

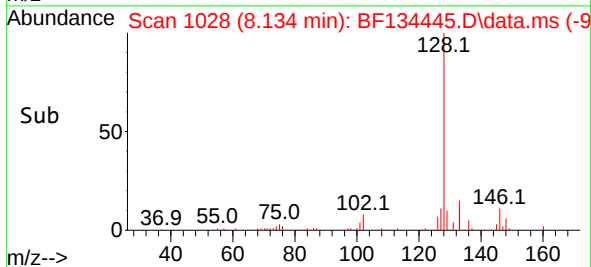
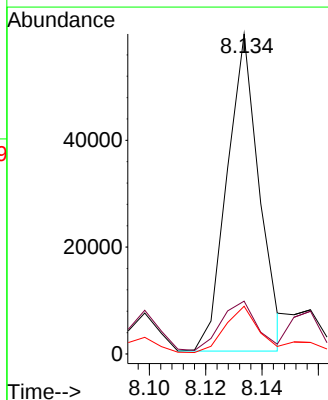
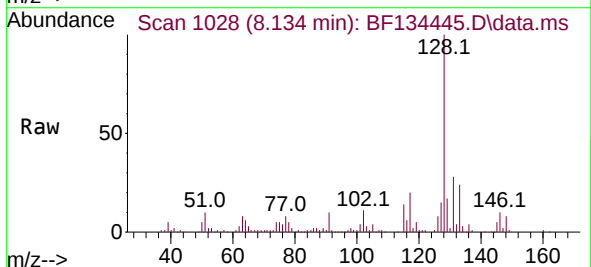
Manual Integrations
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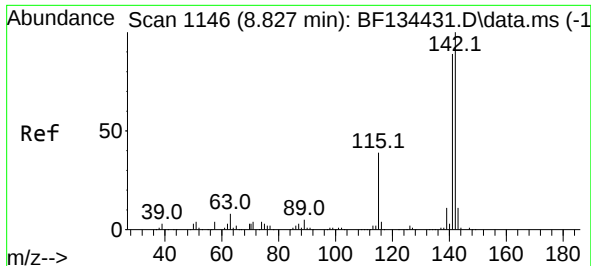
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#31
Naphthalene
Concen: 4.755 ng m
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

Tgt Ion:128 Resp: 47366
Ion Ratio Lower Upper
128 100
129 16.5 8.4 12.6#
127 14.9 10.7 16.1





#37

2-Methylnaphthalene

Concen: 19.365 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF134445.D

Acq: 24 Jul 2023 23:55

Instrument :

BNA_F

ClientSampleId :

N48719

Tgt Ion:142 Resp: 134019

Ion Ratio Lower Upper

142 100

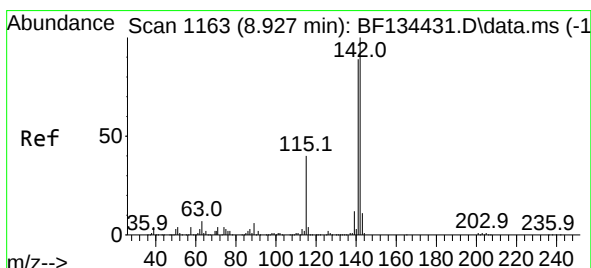
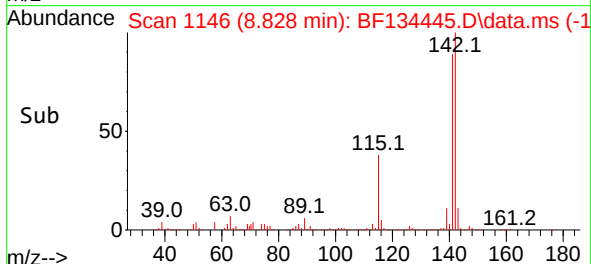
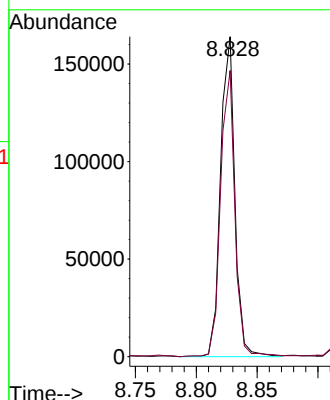
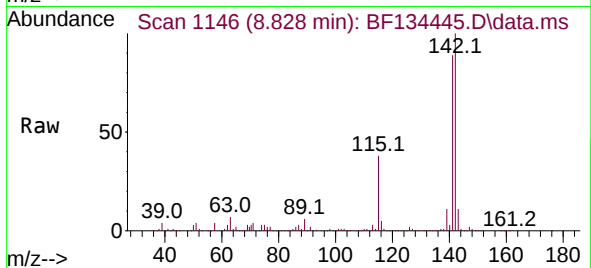
141 89.5 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#38

1-Methylnaphthalene

Concen: 28.471 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF134445.D

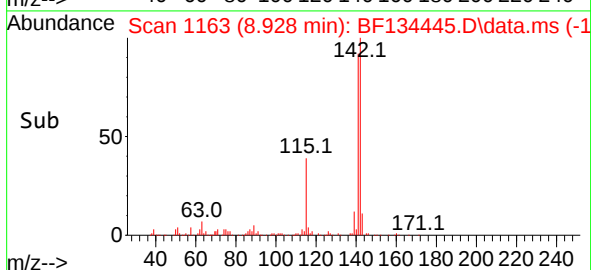
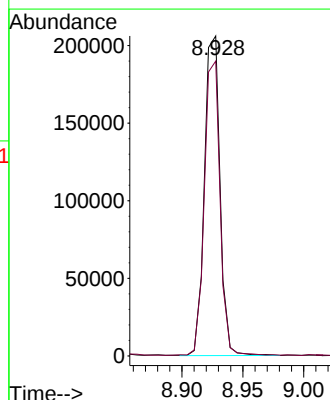
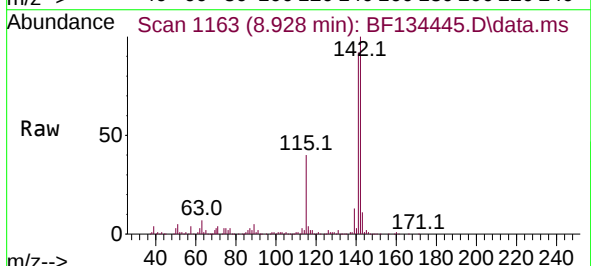
Acq: 24 Jul 2023 23:55

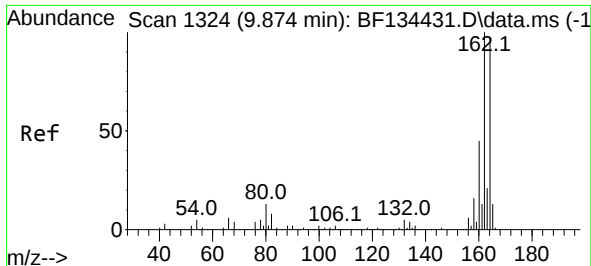
Tgt Ion:142 Resp: 182796

Ion Ratio Lower Upper

142 100

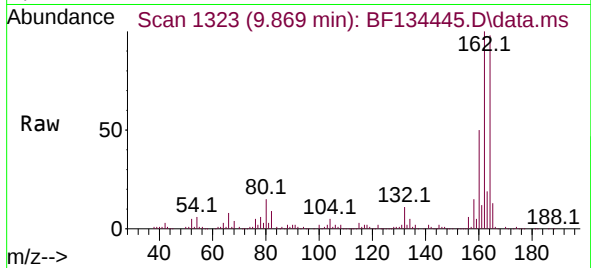
141 92.1 71.4 107.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

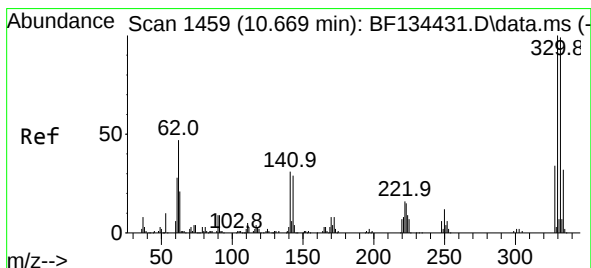
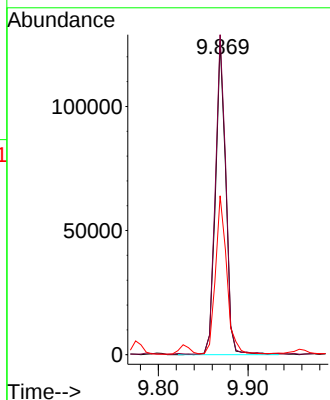
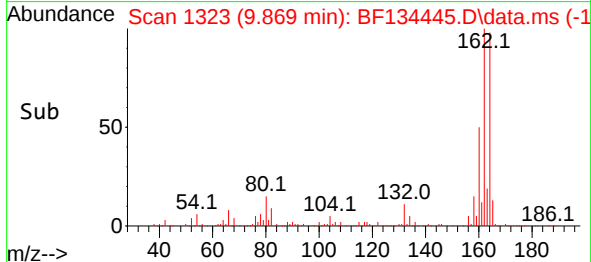
Instrument :
BNA_F
ClientSampleId :
N48719



Tgt Ion:164 Resp: 10102
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 50.7 37.2 55.8

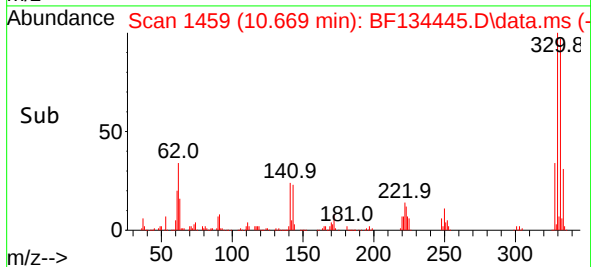
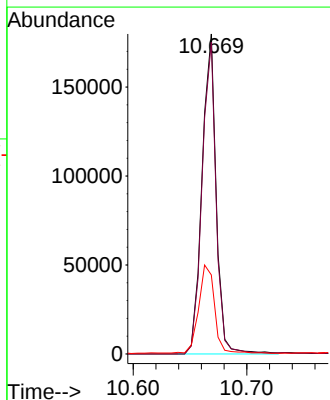
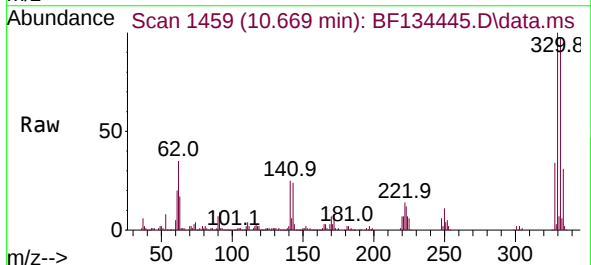
Manual Integrations
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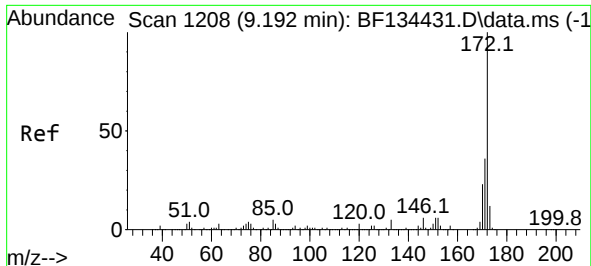
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#42
2,4,6-Tribromophenol
Concen: 108.420 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

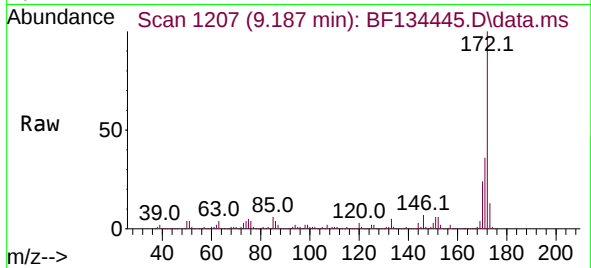
Tgt Ion:330 Resp: 155618
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 31.7 25.4 38.2





#45
2-Fluorobiphenyl
Concen: 70.639 ng
RT: 9.187 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

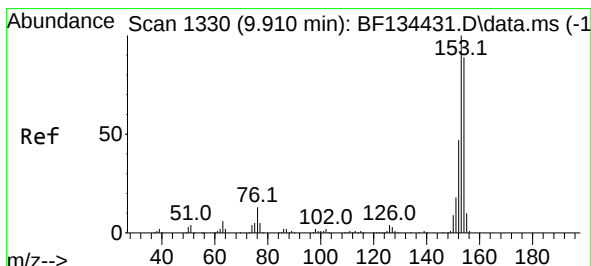
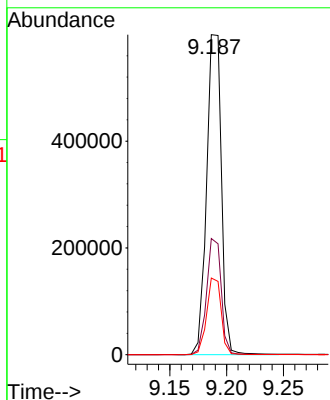
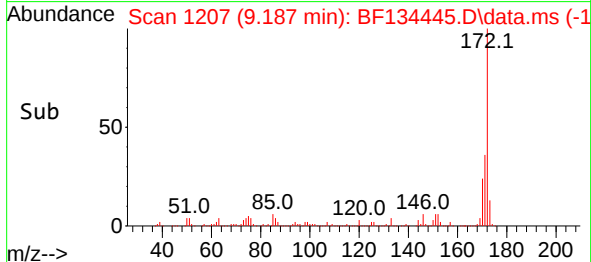
Instrument :
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N48719



Tgt Ion:172 Resp: 54357
Ion Ratio Lower Upper
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171 36.3 28.8 43.2
170 24.0 18.7 28.1

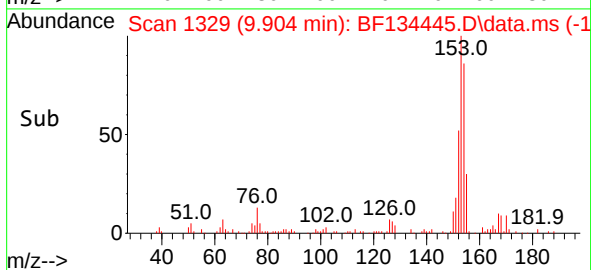
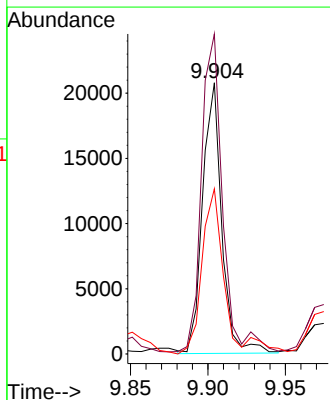
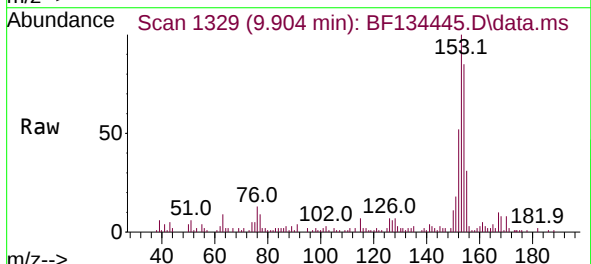
Manual Integrations
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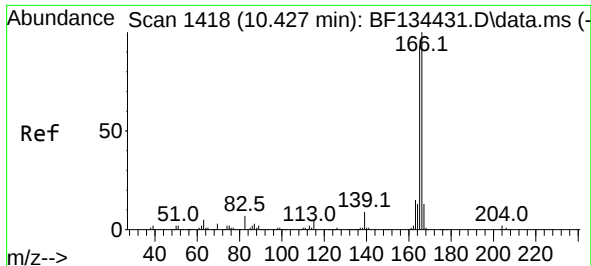
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#52
Acenaphthene
Concen: 2.912 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

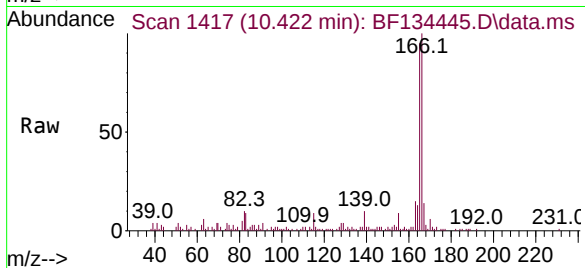
Tgt Ion:154 Resp: 17840
Ion Ratio Lower Upper
154 100
153 118.0 90.0 135.0
152 60.9 42.4 63.6





#58
Fluorene
Concen: 2.981 ng
RT: 10.422 min Scan# 1418
Delta R.T. -0.005 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

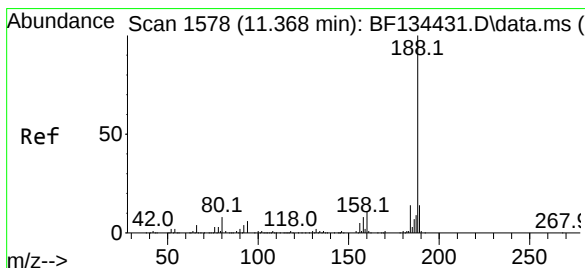
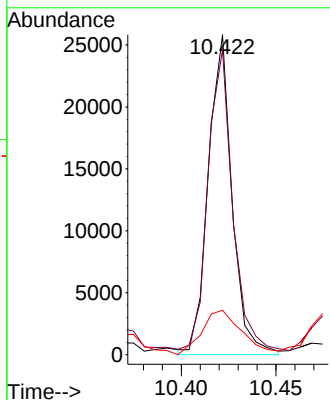
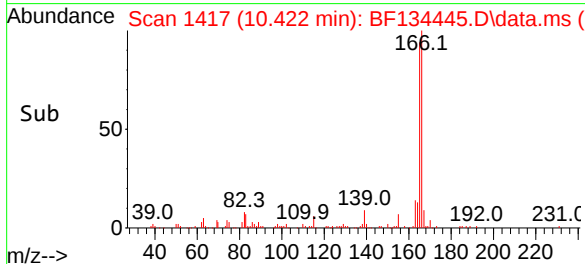
Instrument :
BNA_F
ClientSampleId :
N48719



Tgt Ion:166 Resp: 22672
Ion Ratio Lower Upper
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165 95.3 74.5 111.7
167 13.9 10.6 16.0

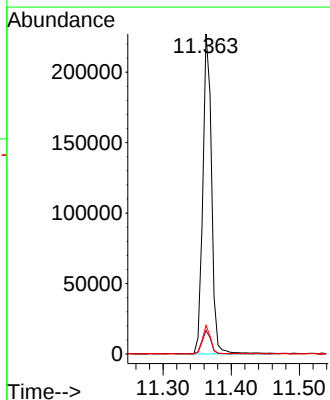
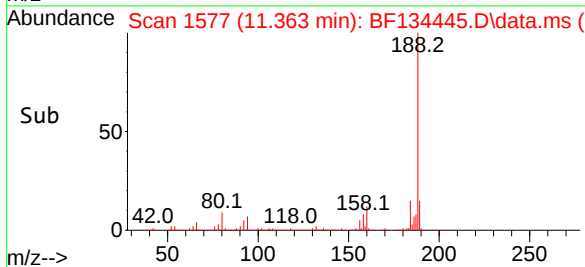
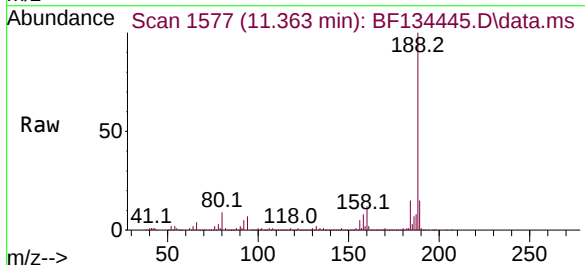
Manual Integrations
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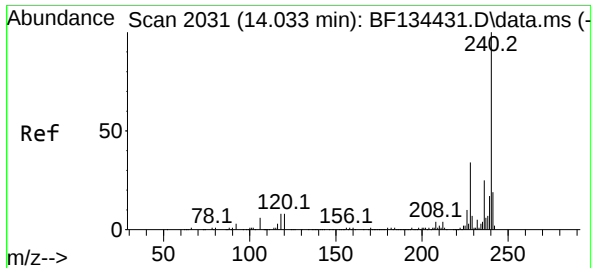
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

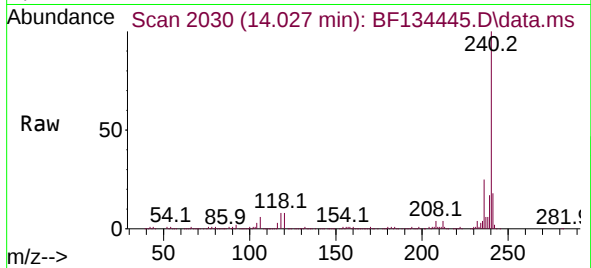
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Ion Ratio Lower Upper
188 100
94 7.3 5.1 7.7
80 8.9 6.6 9.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

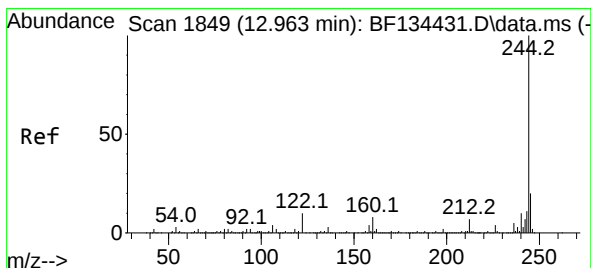
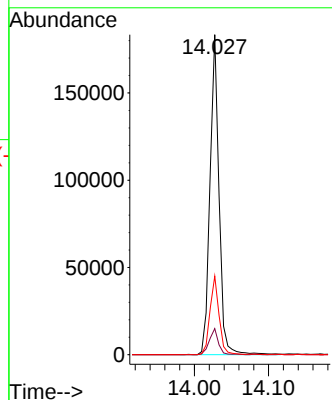
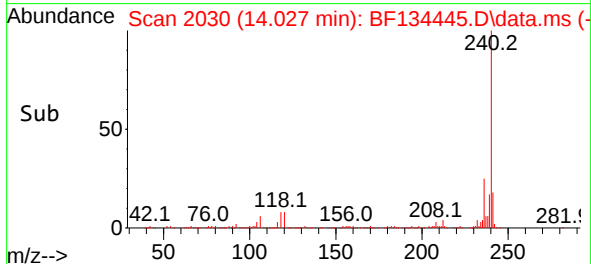
Instrument :
BNA_F
ClientSampleId :
N48719



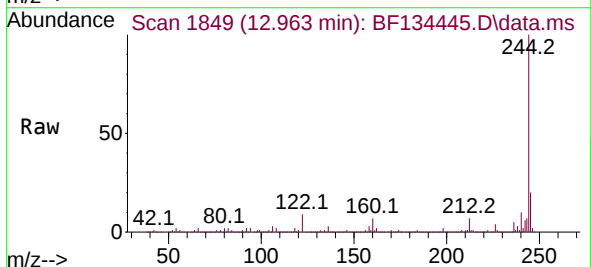
Tgt Ion:240 Resp: 15589
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 24.5 20.2 30.2

Manual Integrations
APPROVED

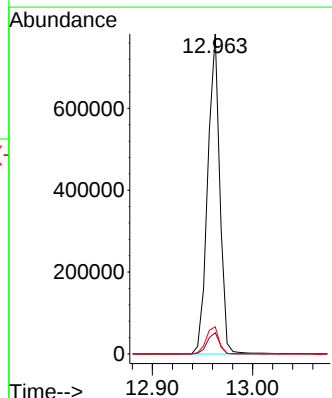
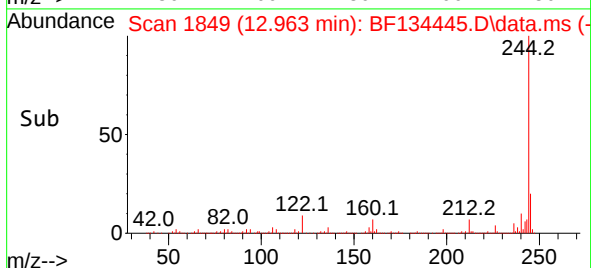
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

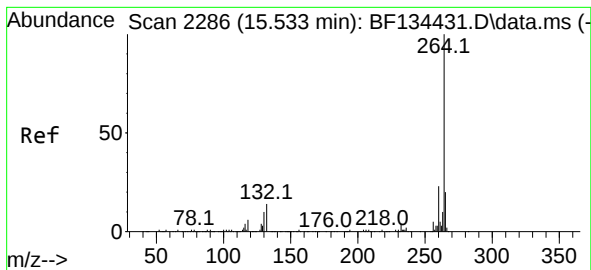


#79
Terphenyl-d14
Concen: 73.355 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55



Tgt Ion:244 Resp: 655092
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 8.5 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134445.D

Acq: 24 Jul 2023 23:55

Instrument :

BNA_F

ClientSampleId :

N48719

Tgt Ion:264 Resp: 13940

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 21.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023

