

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136505.D
 Acq On : 11 Dec 2023 23:00
 Operator : CG\JU
 Sample : 05661-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-120623

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 11 23:47:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	102554	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	368006	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	162820	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	280309	20.000	ng	-0.01
76) Chrysene-d12	13.975	240	223029	20.000	ng	0.00
86) Perylene-d12	15.451	264	187890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	80622	11.610	ng	0.00
7) Phenol-d6	6.428	99	92967	10.730	ng	-0.02
23) Nitrobenzene-d5	7.351	82	51774	7.606	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	18805	9.367	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	110895	9.293	ng	-0.02
79) Terphenyl-d14	12.910	244	115526	6.827	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.533	202	40916	2.534	ng	94
78) Pyrene	12.763	202	50619	2.317	ng	98
88) Benzo(b)fluoranthene	15.016	252	27838m	2.167	ng	

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

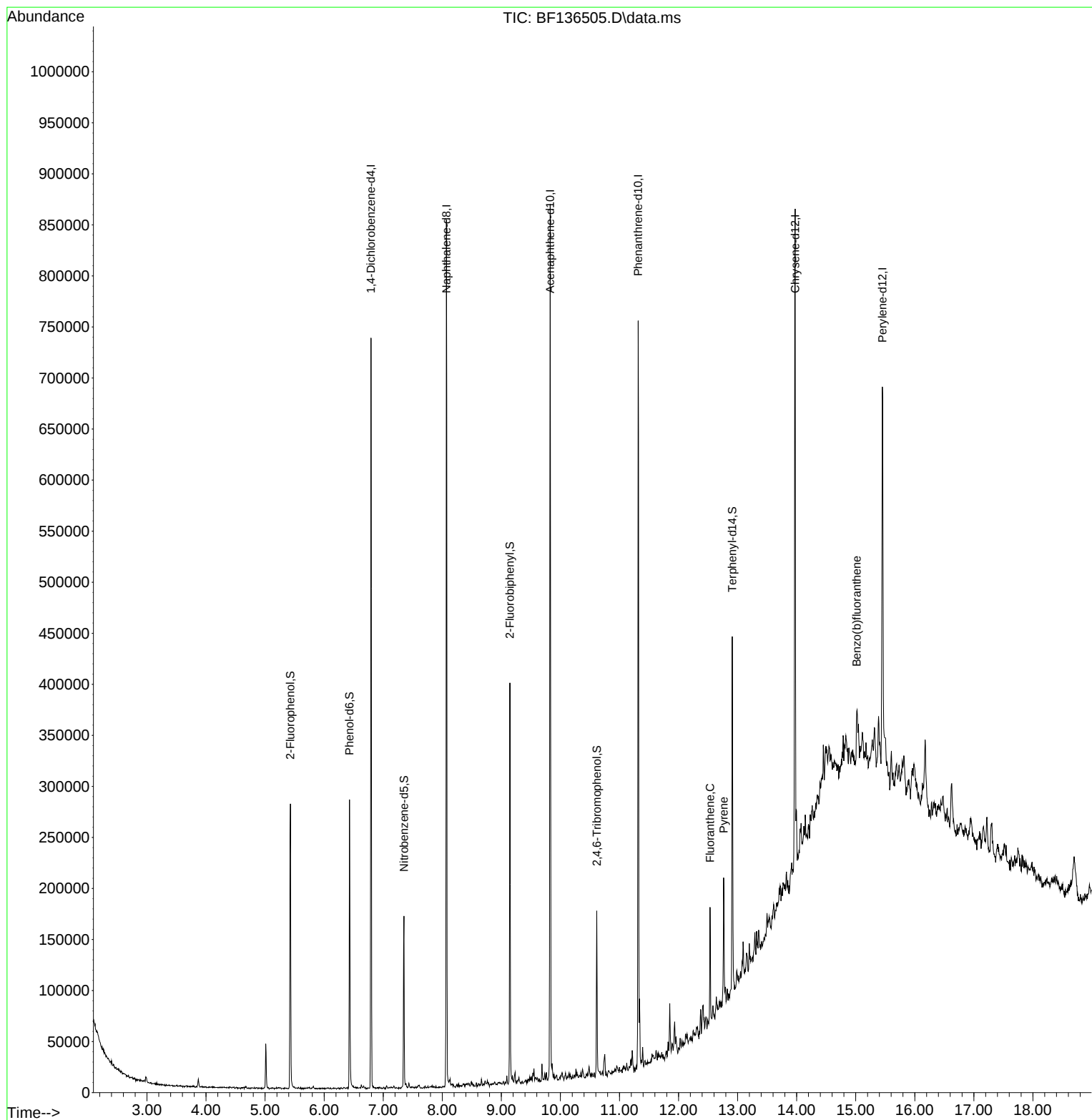
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
Data File : BF136505.D
Acq On : 11 Dec 2023 23:00
Operator : CG\JU
Sample : 05661-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

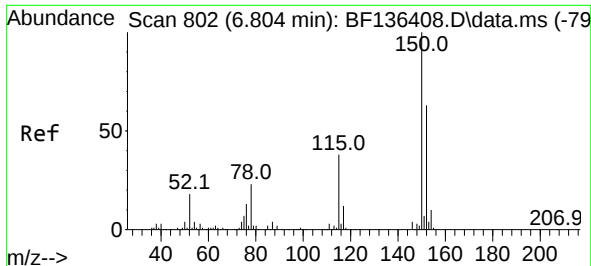
Instrument :
BNA_F
ClientSampleId :
OK-01-120623

Quant Time: Dec 11 23:47:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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Supervised By :mohammad ahmed 12/14/2023





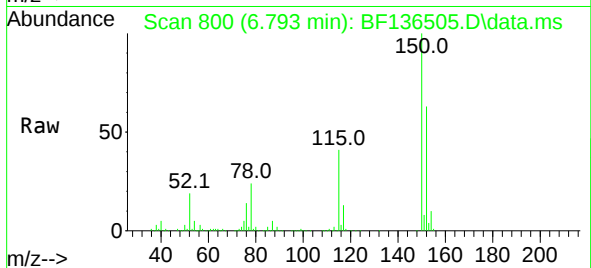
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 802
Delta R.T. -0.011 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Instrument :

BNA_F

ClientSampleId :

OK-01-120623



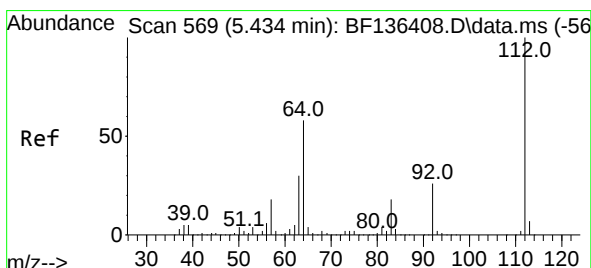
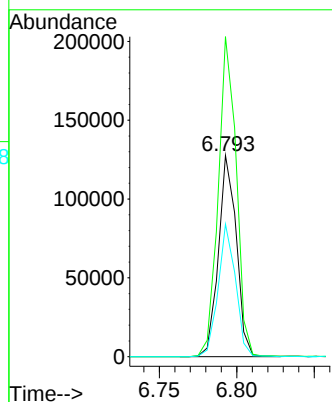
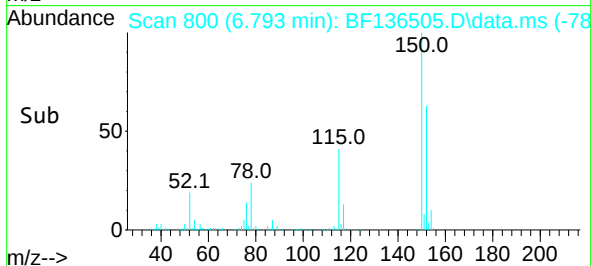
Tgt Ion:152 Resp: 102554
Ion Ratio Lower Upper
152 100
150 159.0 126.4 189.6
115 65.8 48.2 72.4

Manual Integrations

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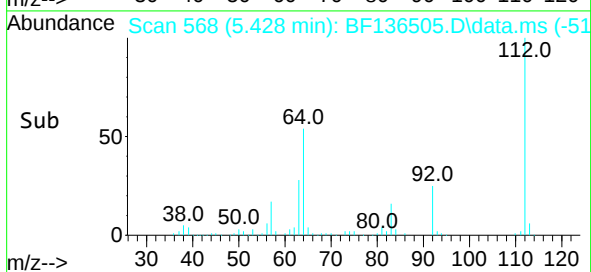
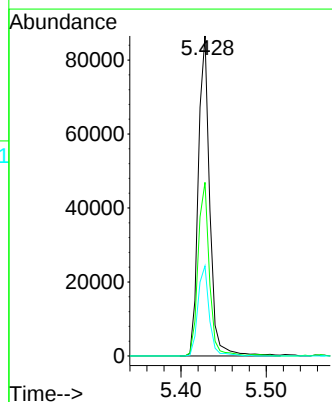
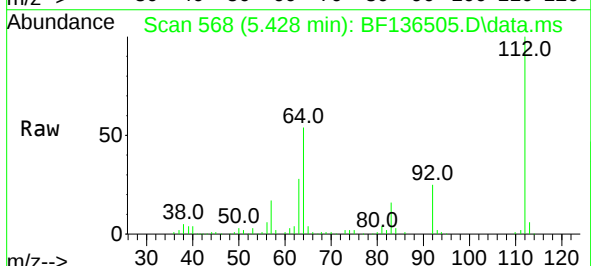
Reviewed By :Yogesh Patel 12/14/2023

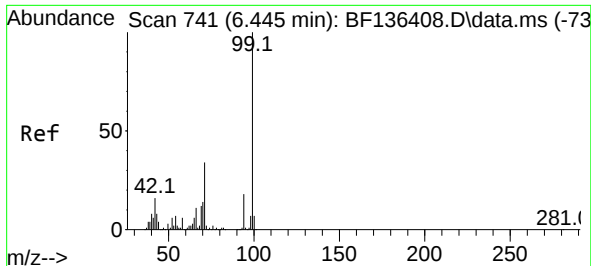
Supervised By :mohammad ahmed 12/14/2023



#5
2-Fluorophenol
Concen: 11.610 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

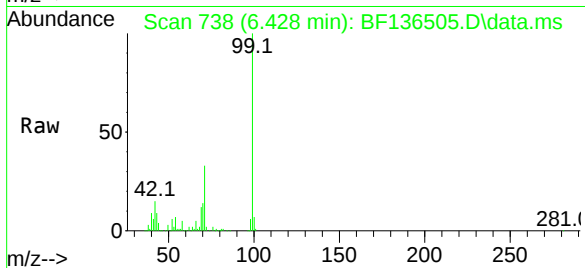
Tgt Ion:112 Resp: 80622
Ion Ratio Lower Upper
112 100
64 54.3 46.5 69.7
63 28.2 23.9 35.9





#7
Phenol-d6
Concen: 10.730 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

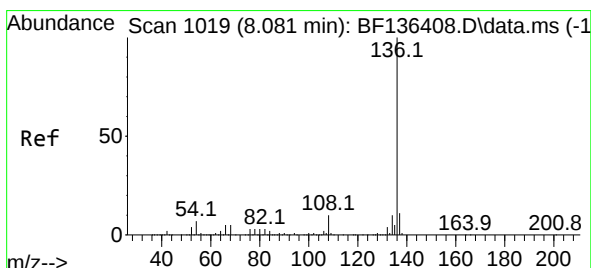
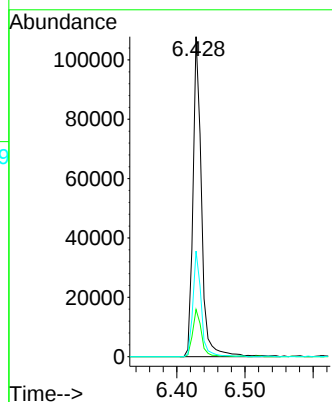
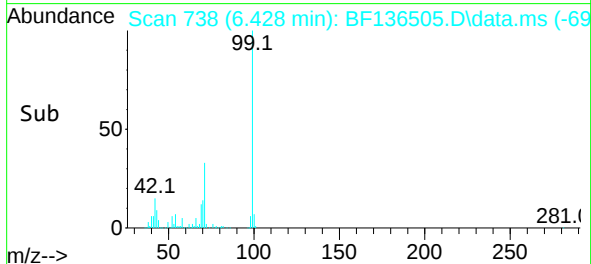
Instrument :
BNA_F
ClientSampleId :
OK-01-120623



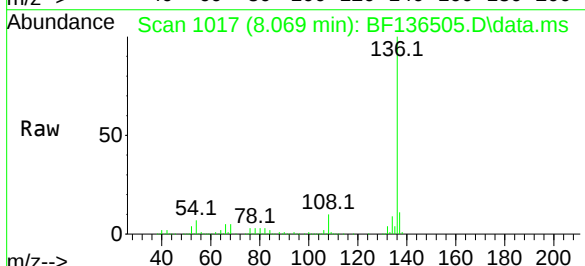
Tgt Ion: 99 Resp: 9296
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 33.0 27.0 40.4

Manual Integrations
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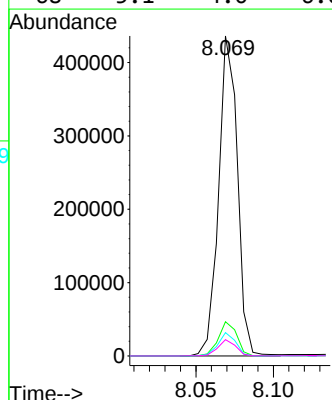
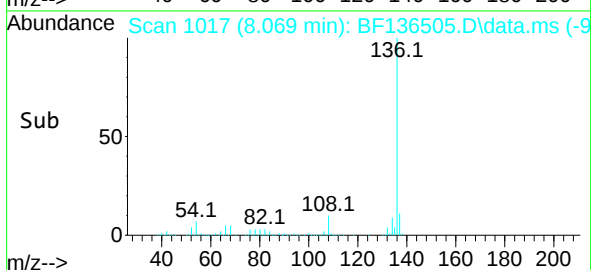
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

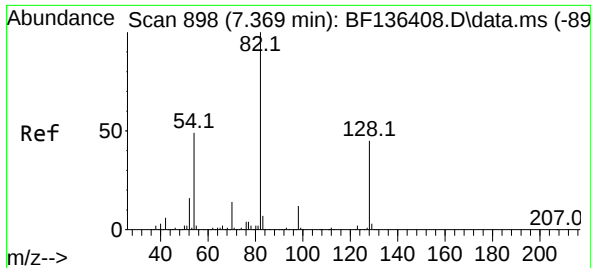


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00



Tgt Ion:136 Resp: 368006
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.3 5.7 8.5
68 5.1 4.0 6.0





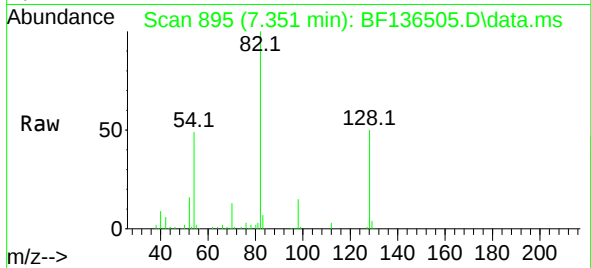
#23
Nitrobenzene-d5
Concen: 7.606 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.017 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Instrument :

BNA_F

ClientSampleId :

OK-01-120623

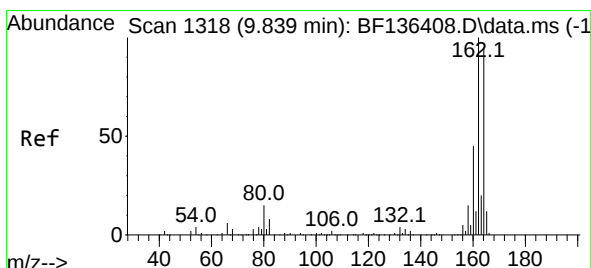
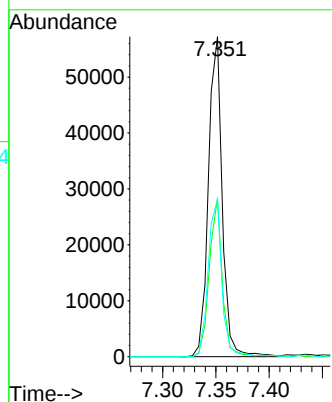
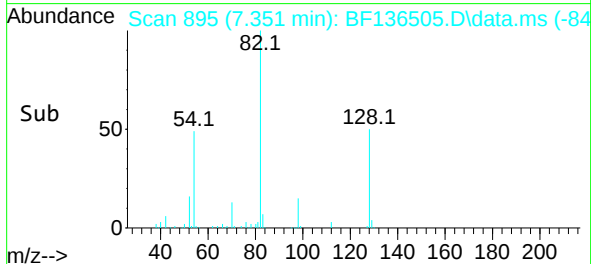


Tgt Ion: 82 Resp: 51774
Ion Ratio Lower Upper
82 100
128 49.6 36.3 54.5
54 49.3 39.0 58.6

Manual Integrations

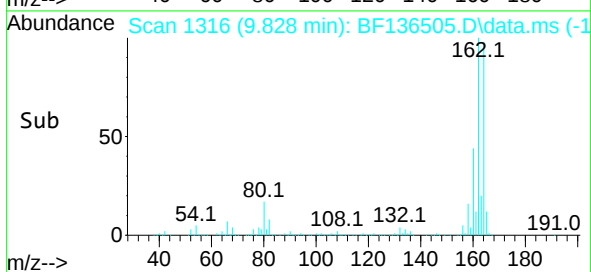
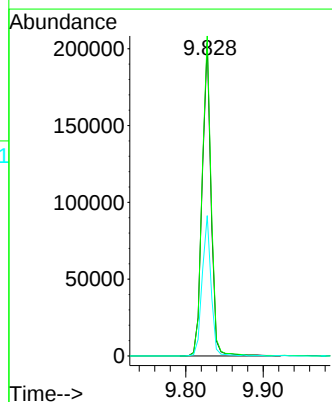
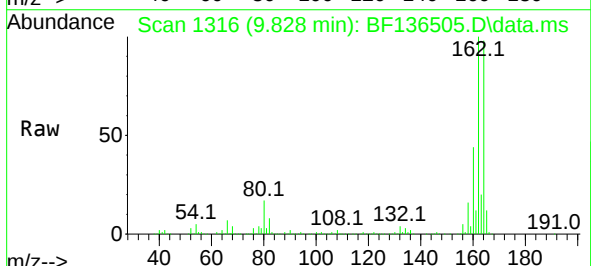
APPROVED

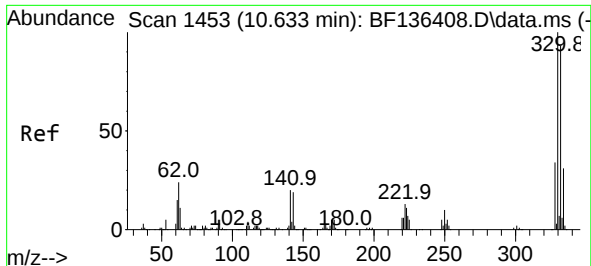
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Tgt Ion:164 Resp: 162820
Ion Ratio Lower Upper
164 100
162 102.2 84.4 126.6
160 44.8 37.6 56.4





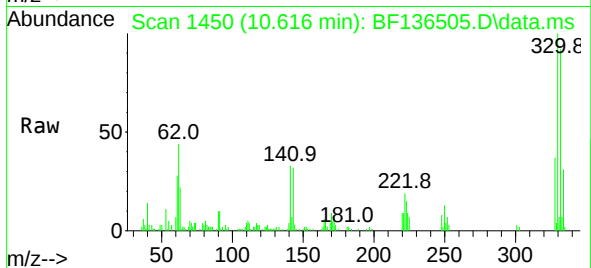
#42
2,4,6-Tribromophenol
Concen: 9.367 ng
RT: 10.616 min Scan# 1453
Delta R.T. -0.017 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Instrument :

BNA_F

ClientSampleId :

OK-01-120623



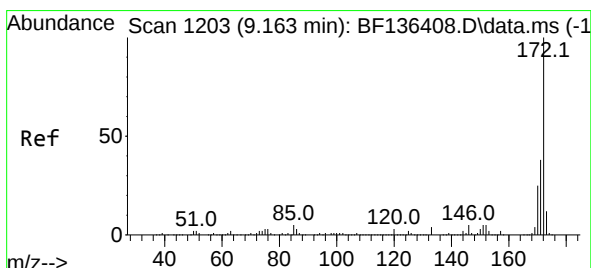
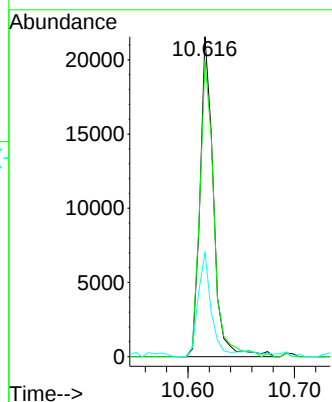
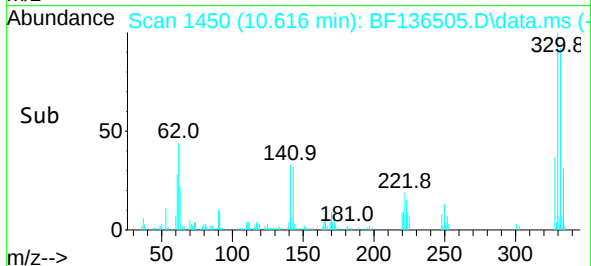
Tgt Ion: 330 Resp: 1880
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 32.1 23.4 35.2

Manual Integrations

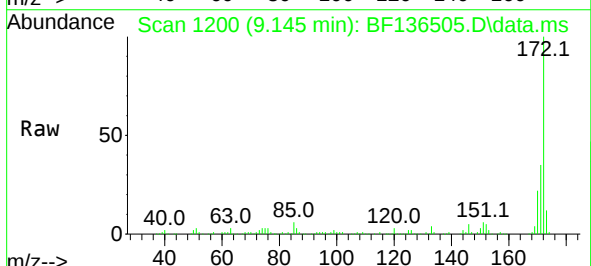
APPROVED

Reviewed By : Yogesh Patel 12/14/2023

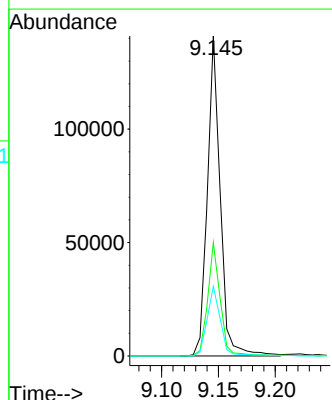
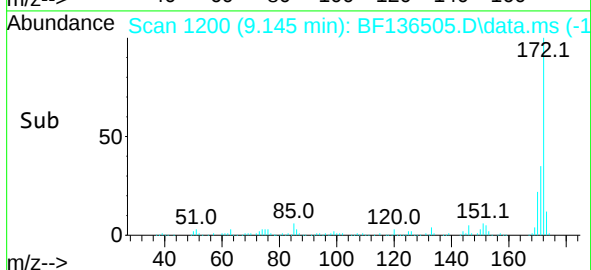
Supervised By : mohammad ahmed 12/14/2023

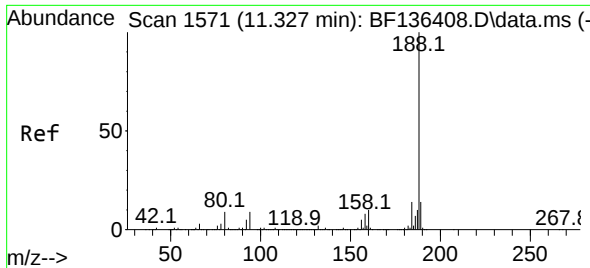


#45
2-Fluorobiphenyl
Concen: 9.293 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00



Tgt Ion: 172 Resp: 110895
Ion Ratio Lower Upper
172 100
171 35.4 30.5 45.7
170 21.8 19.9 29.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Instrument :

BNA_F

ClientSampleId :

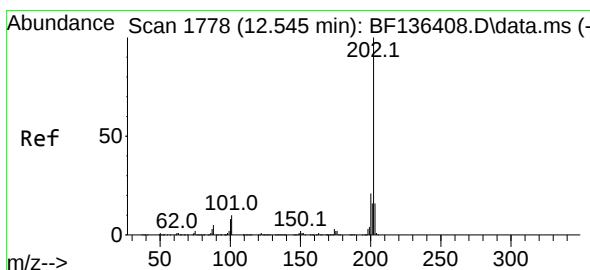
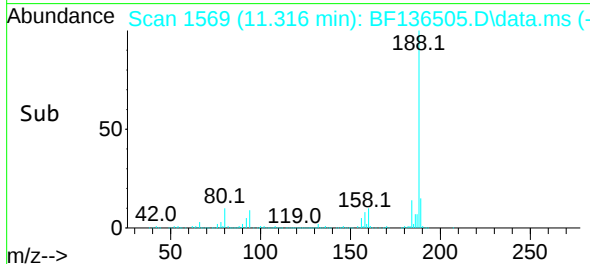
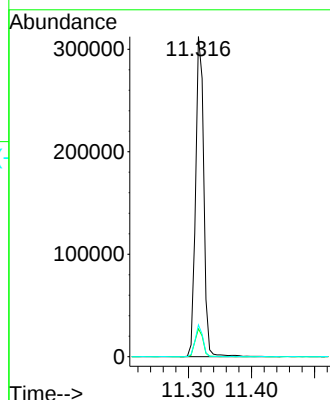
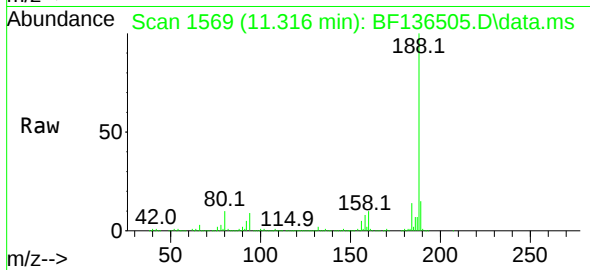
OK-01-120623

Tgt Ion:188 Resp: 280309
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.0 7.2 10.8

Manual Integrations

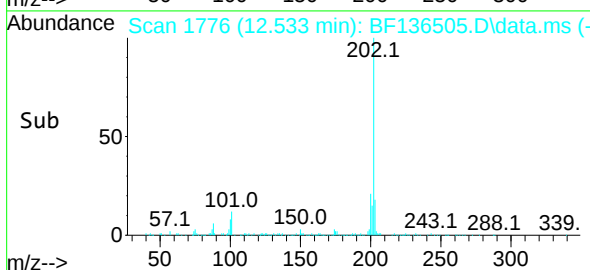
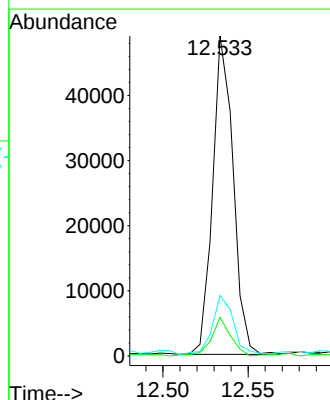
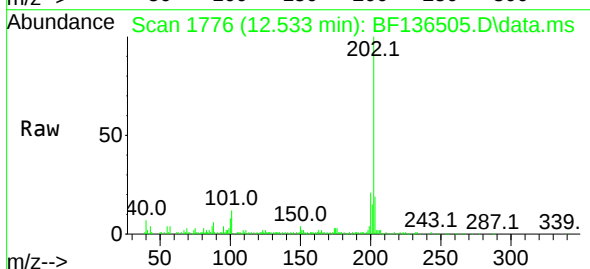
APPROVED

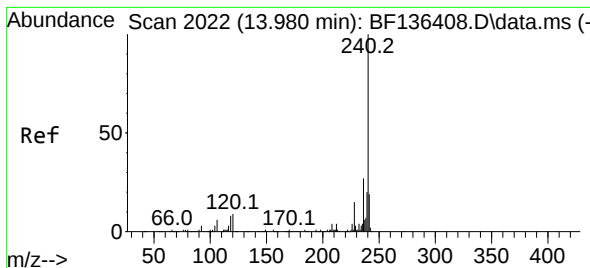
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#75
Fluoranthene
Concen: 2.534 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Tgt Ion:202 Resp: 40916
Ion Ratio Lower Upper
202 100
101 12.1 0.0 29.9
203 18.9 0.0 36.3





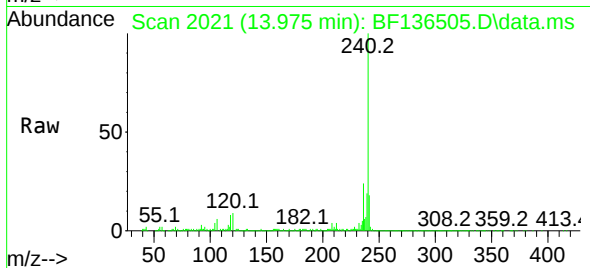
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.975 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Instrument :

BNA_F

ClientSampleId :

OK-01-120623



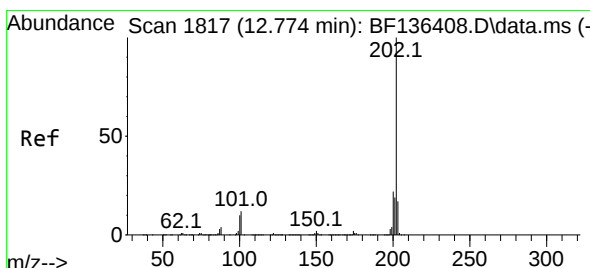
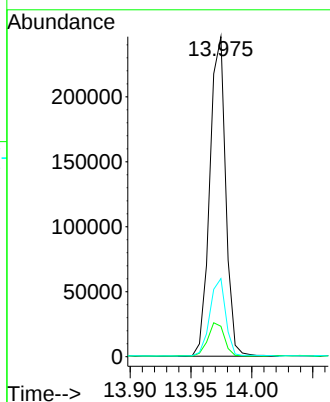
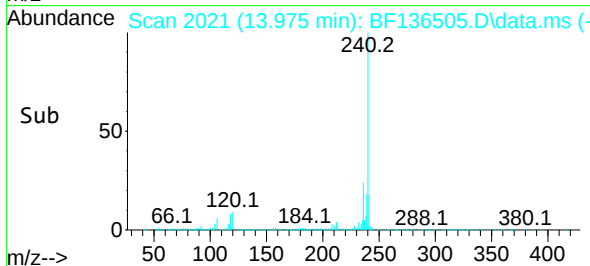
Tgt Ion:240 Resp: 223029
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 24.4 21.3 31.9

Manual Integrations

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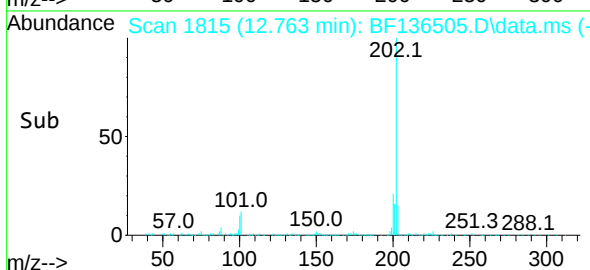
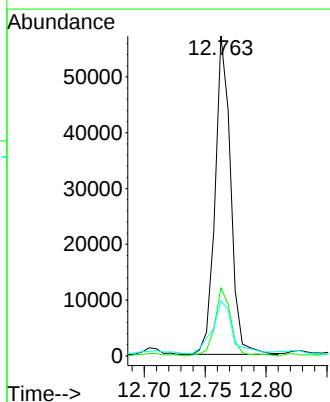
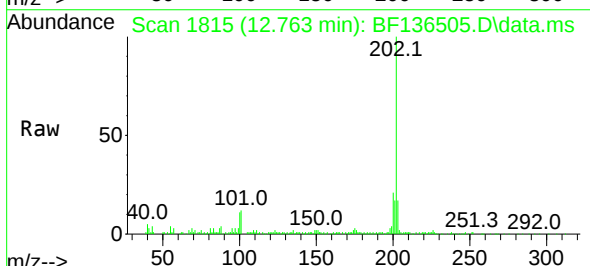
Reviewed By :Yogesh Patel 12/14/2023

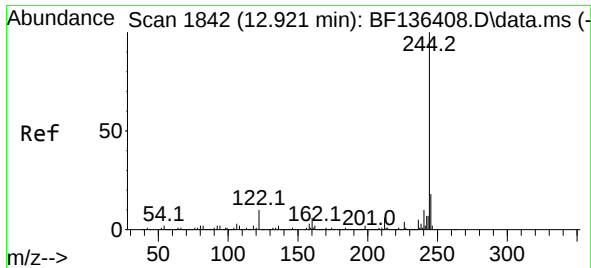
Supervised By :mohammad ahmed 12/14/2023



#78
Pyrene
Concen: 2.317 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Tgt Ion:202 Resp: 50619
Ion Ratio Lower Upper
202 100
200 21.3 18.0 27.0
203 17.3 13.5 20.3





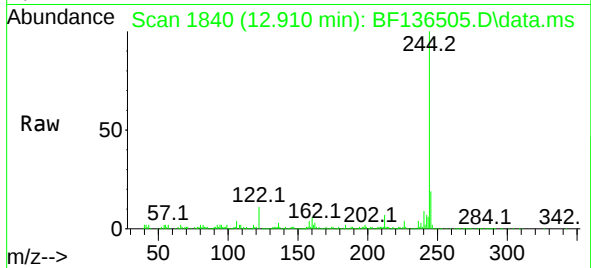
#79
Terphenyl-d14
Concen: 6.827 ng
RT: 12.910 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Instrument :

BNA_F

ClientSampleId :

OK-01-120623



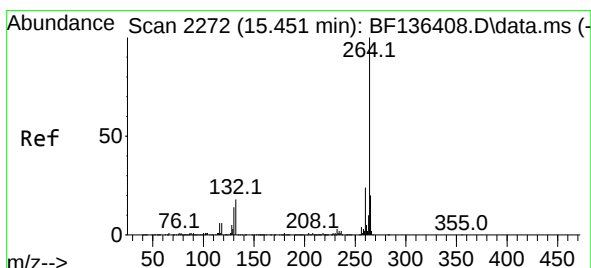
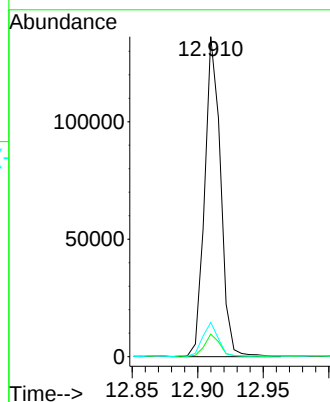
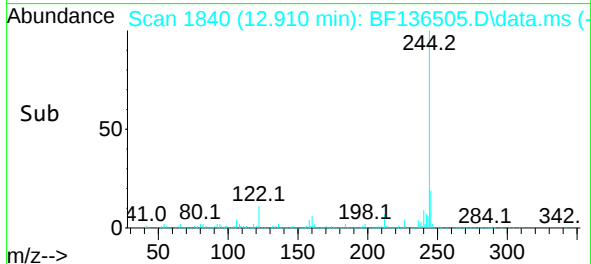
Tgt Ion:244 Resp: 115520
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 10.7 8.3 12.5

Manual Integrations

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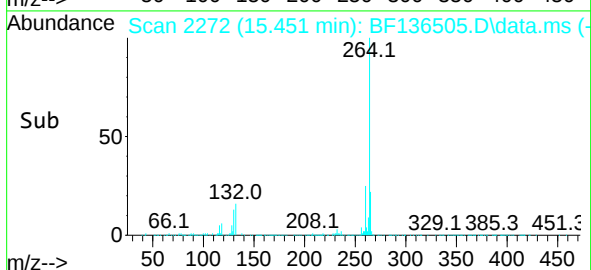
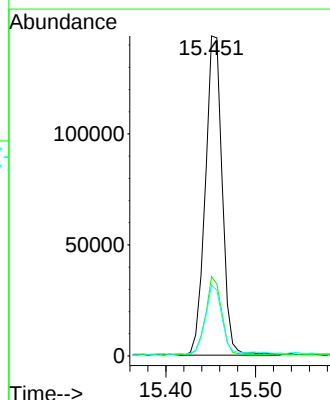
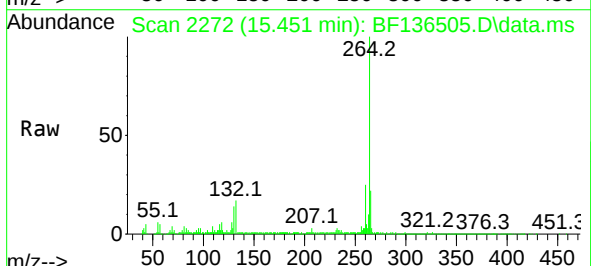
Reviewed By :Yogesh Patel 12/14/2023

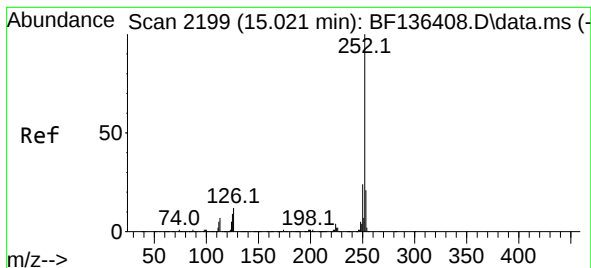
Supervised By :mohammad ahmed 12/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Tgt Ion:264 Resp: 187890
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 22.2 15.9 23.9





#88

Benzo(b)fluoranthene

Concen: 2.167 ng m

RT: 15.016 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136505.D

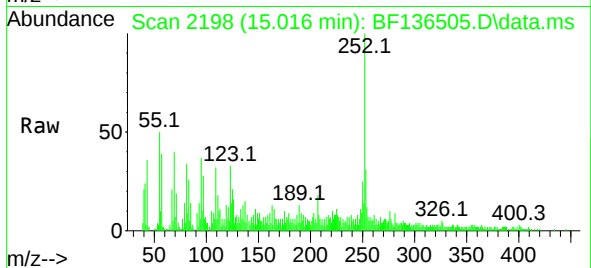
Acq: 11 Dec 2023 23:00

Instrument :

BNA_F

ClientSampleId :

OK-01-120623



Tgt Ion:252 Resp: 27838

Ion Ratio Lower Upper

252 100

253 31.1 16.9 25.3

125 20.9 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023

