

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140376.D
 Acq On : 14 Nov 2024 21:28
 Operator : RC/JU
 Sample : P4796-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/15/2024

Quant Time: Nov 15 00:29:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	118577	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	431784	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	209589	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	306876	20.000	ng	0.00
76) Chrysene-d12	14.045	240	227238	20.000	ng	0.00
86) Perylene-d12	15.533	264	154266	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	549733	79.156	ng	0.01
7) Phenol-d6	6.516	99	728168	77.388	ng	0.01
23) Nitrobenzene-d5	7.434	82	450541	54.366	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	129209	61.995	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	799773	61.343	ng	0.00
79) Terphenyl-d14	12.986	244	666260	50.893	ng	0.00
Target Compounds						
75) Fluoranthene	12.610	202	35795	2.213	ng	98
88) Benzo(b)fluoranthene	15.098	252	27966m	2.771	ng	

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

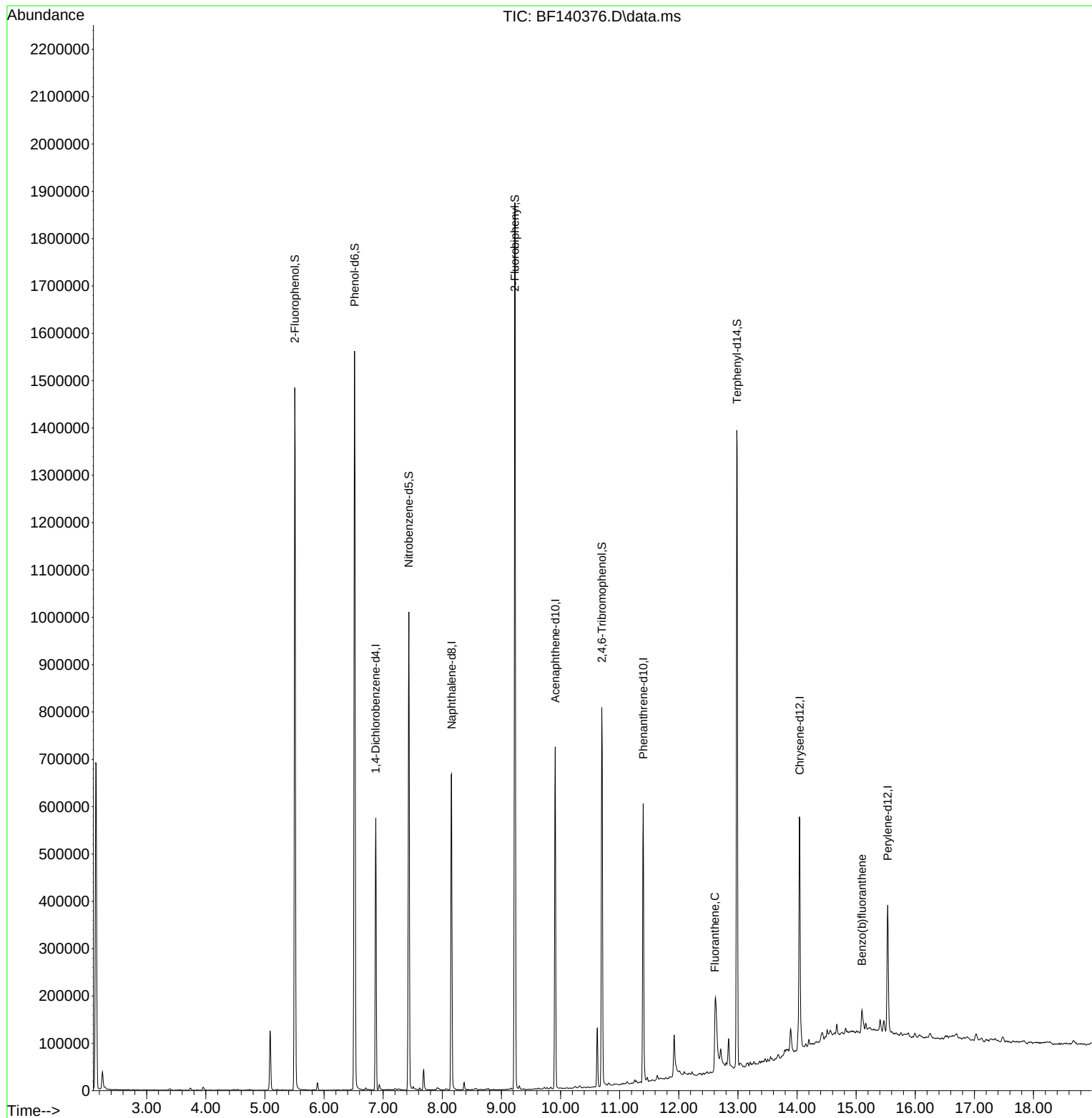
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140376.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

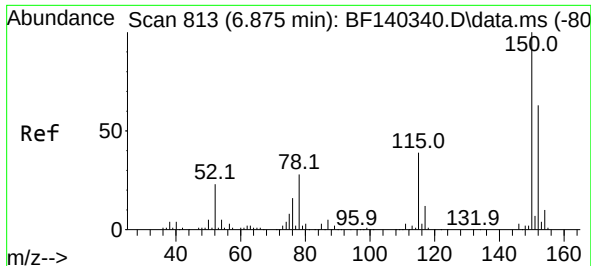
Instrument :
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Quant Time: Nov 15 00:29:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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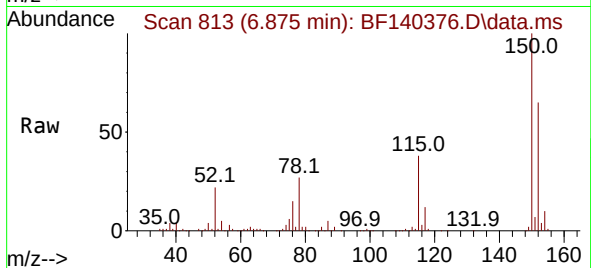
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

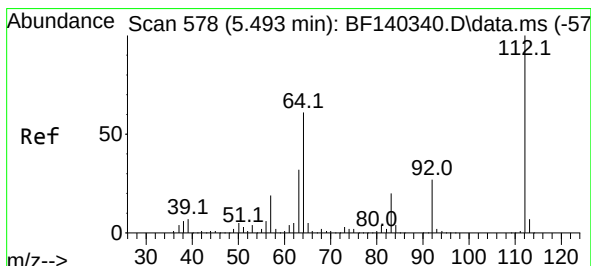
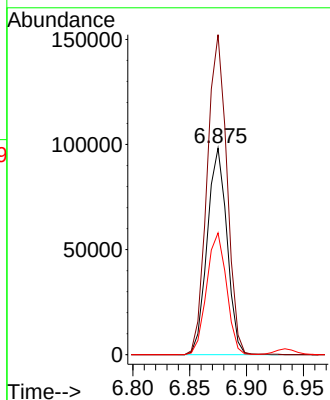
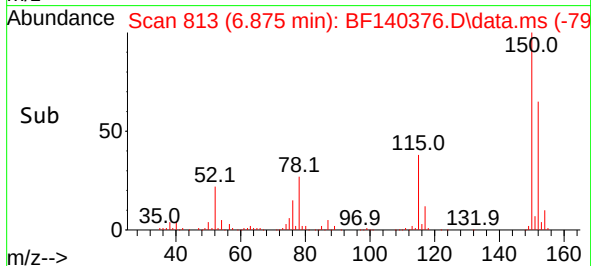
Instrument :
BNA_F
ClientSampleId :
TP-1RE



Tgt Ion:152 Resp: 118572
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 59.0 47.4 71.2

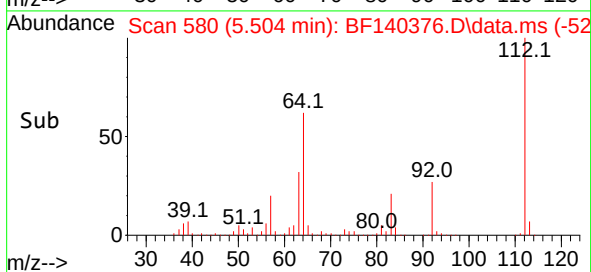
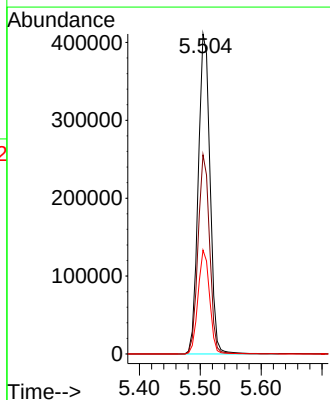
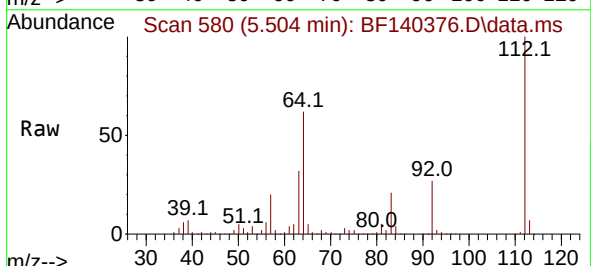
Manual Integrations
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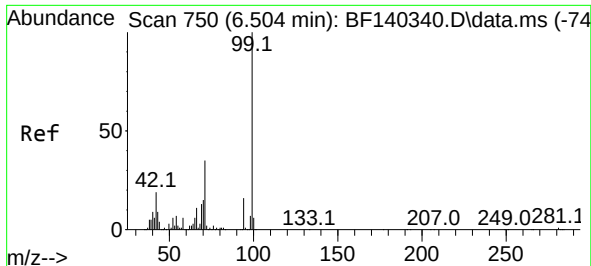
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#5
2-Fluorophenol
Concen: 79.156 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Tgt Ion:112 Resp: 549733
Ion Ratio Lower Upper
112 100
64 62.2 49.2 73.8
63 32.4 25.6 38.4





#7

Phenol-d6

Concen: 77.388 ng

RT: 6.516 min Scan# 7

Delta R.T. 0.012 min

Lab File: BF140376.D

Acq: 14 Nov 2024 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1RE

Tgt Ion: 99 Resp: 72816

Ion Ratio Lower Upper

99 100

42 18.6 15.1 22.7

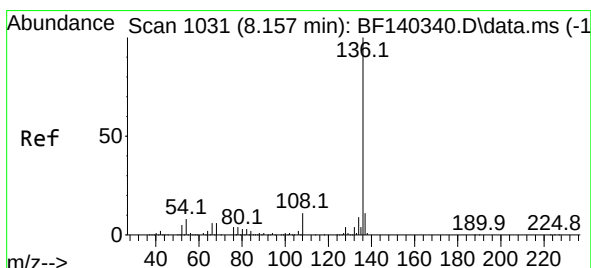
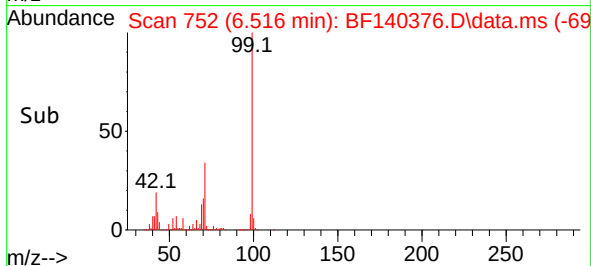
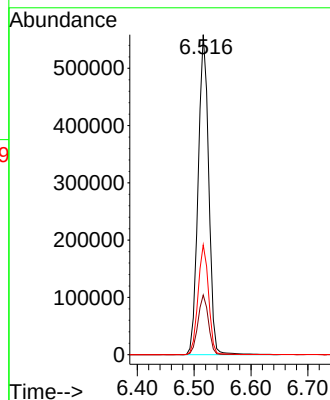
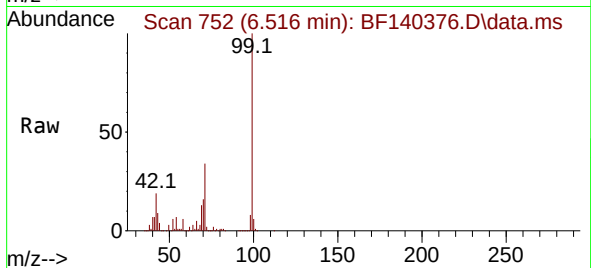
71 34.3 27.9 41.9

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140376.D

Acq: 14 Nov 2024 21:28

Tgt Ion:136 Resp: 431784

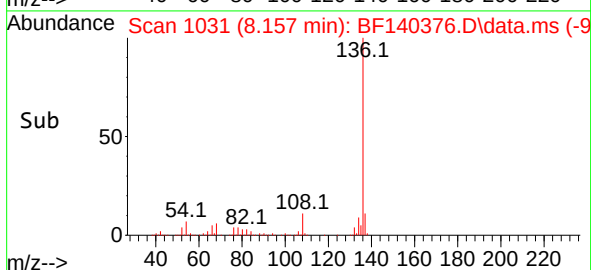
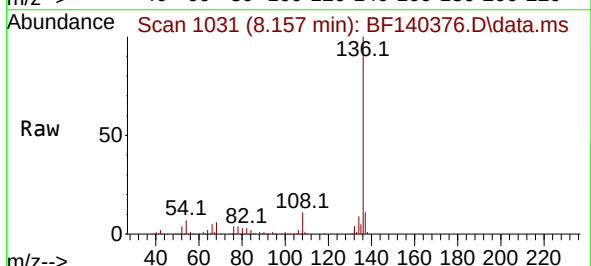
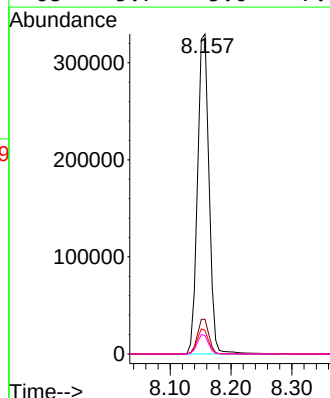
Ion Ratio Lower Upper

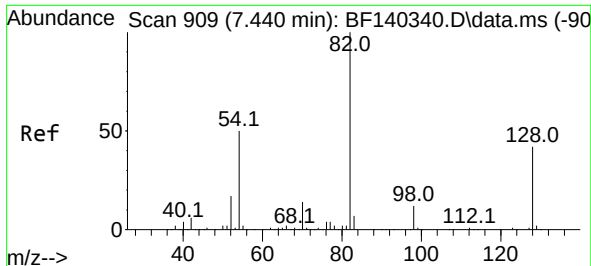
136 100

137 10.8 8.7 13.1

54 7.4 6.5 9.7

68 5.7 5.0 7.6





#23
Nitrobenzene-d5
Concen: 54.366 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Instrument :

BNA_F

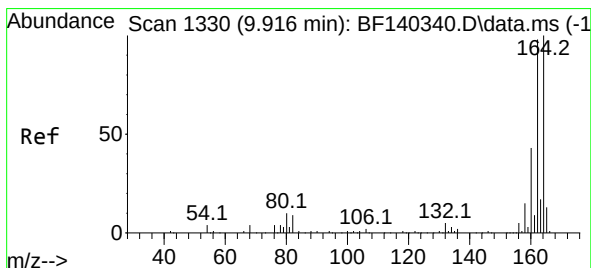
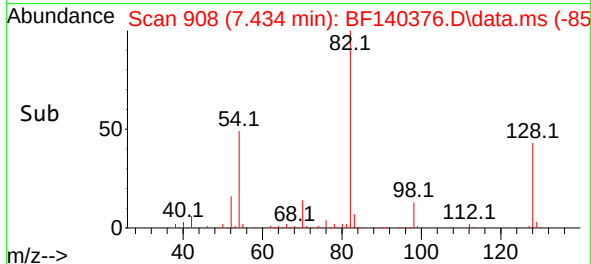
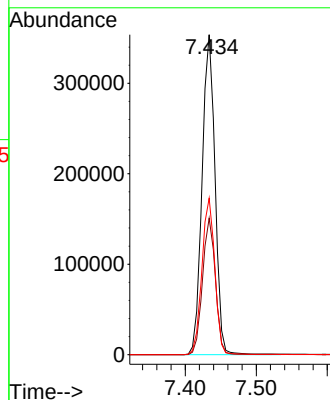
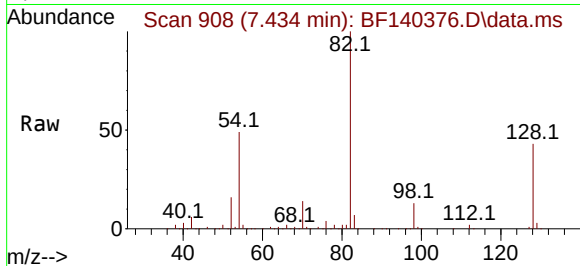
ClientSampleId :

TP-1RE

Tgt Ion: 82 Resp: 45054
Ion Ratio Lower Upper
82 100
128 42.7 33.3 49.9
54 48.9 39.8 59.8

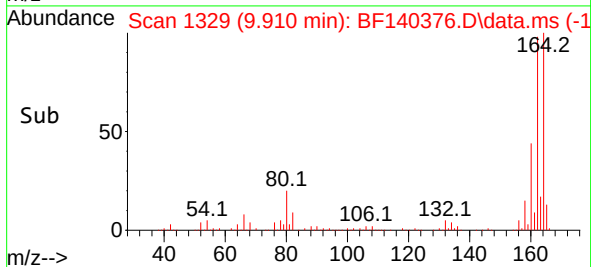
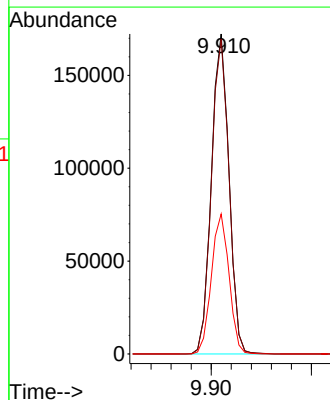
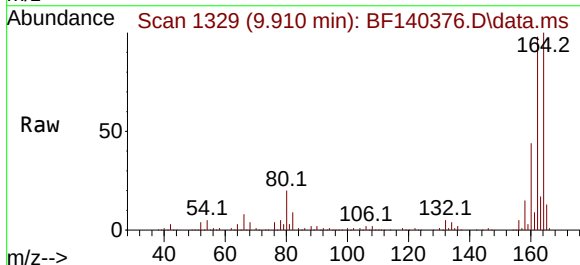
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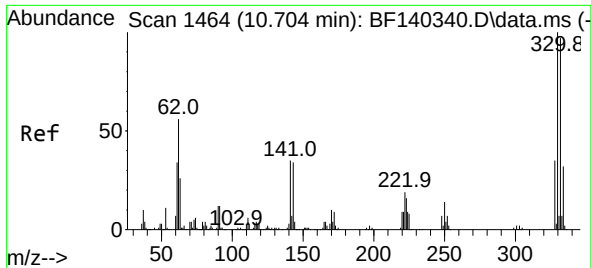
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

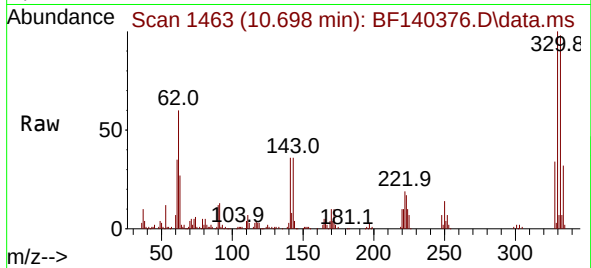
Tgt Ion:164 Resp: 209589
Ion Ratio Lower Upper
164 100
162 98.4 79.8 119.8
160 43.8 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 61.995 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

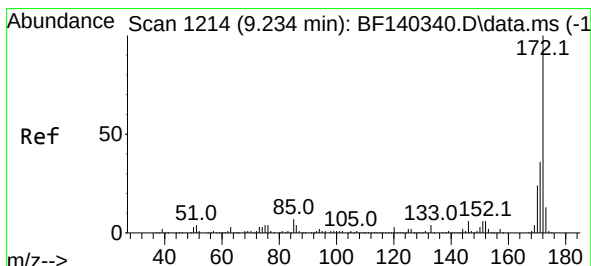
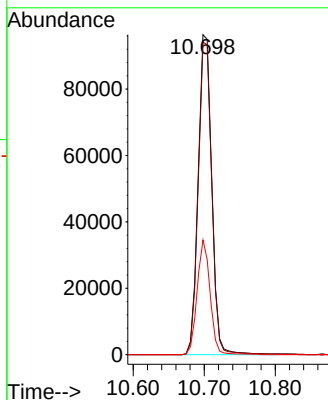
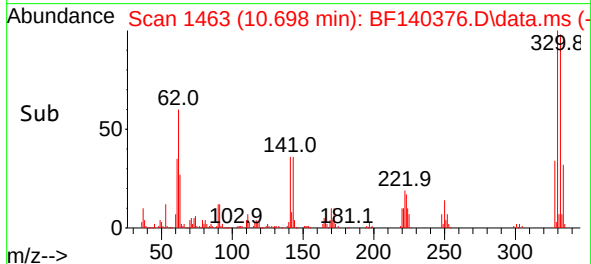
Instrument :
BNA_F
ClientSampleId :
TP-1RE



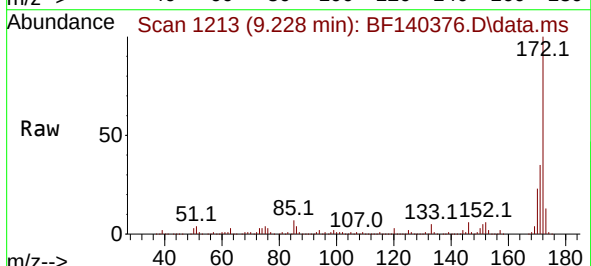
Tgt Ion: 330 Resp: 129209
Ion Ratio Lower Upper
330 100
332 97.0 75.9 113.9
141 34.0 26.9 40.3

Manual Integrations
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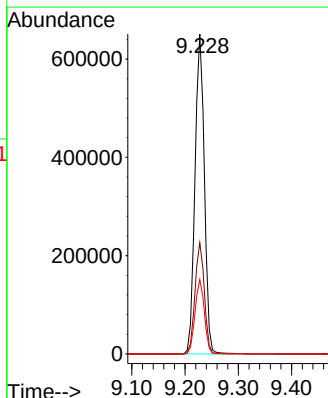
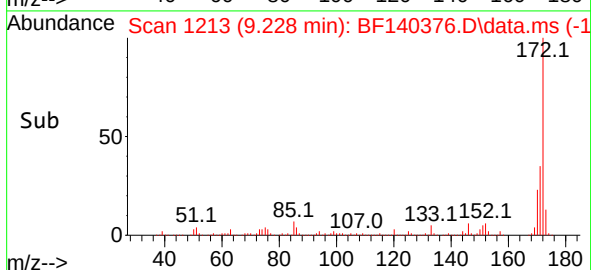
Reviewed By : Yogesh Patel 11/15/2024
Supervised By : mohammad ahmed 11/15/2024

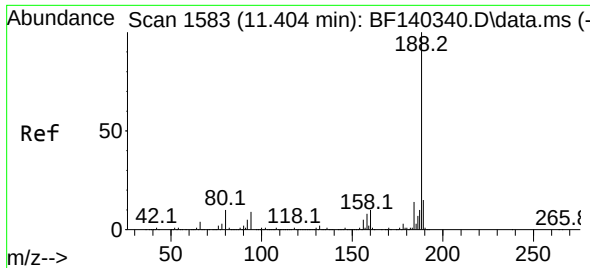


#45
2-Fluorobiphenyl
Concen: 61.343 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28



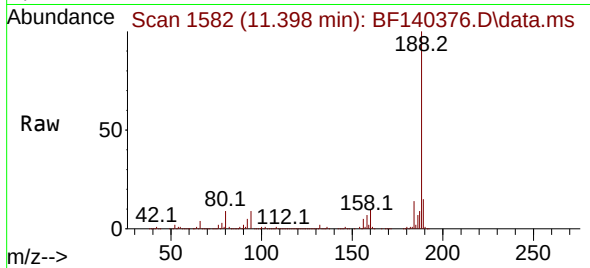
Tgt Ion: 172 Resp: 799773
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.2 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

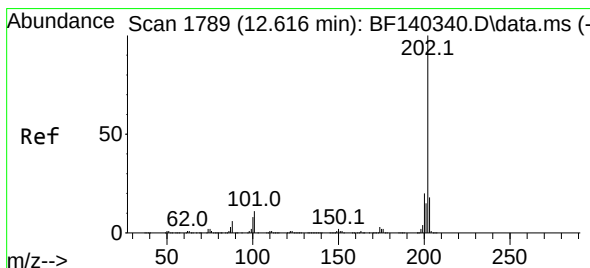
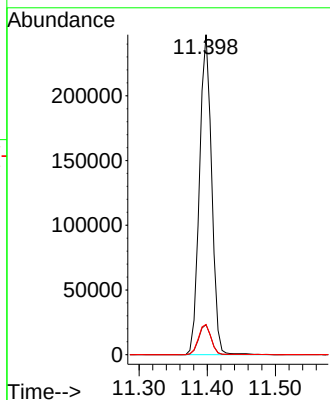
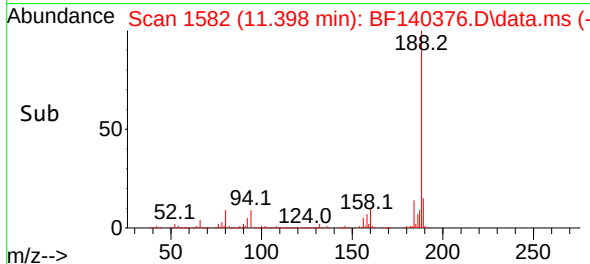
Instrument :
BNA_F
ClientSampleId :
TP-1RE



Tgt Ion:188 Resp: 306870
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.5 8.0 12.0

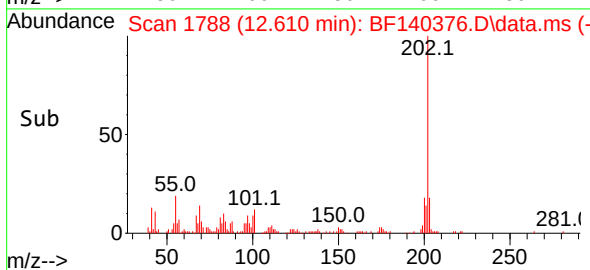
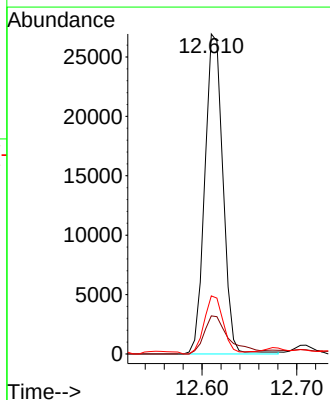
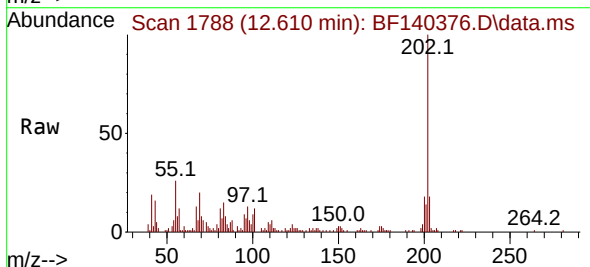
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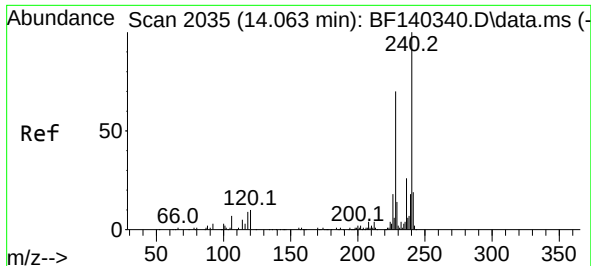
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#75
Fluoranthene
Concen: 2.213 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

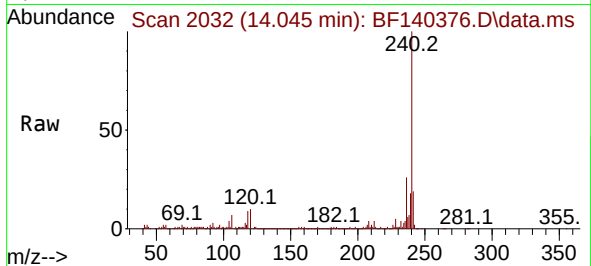
Tgt Ion:202 Resp: 35795
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.7
203 18.2 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

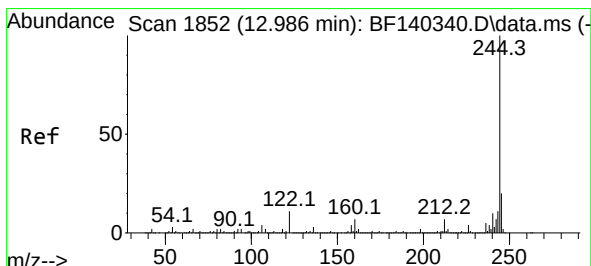
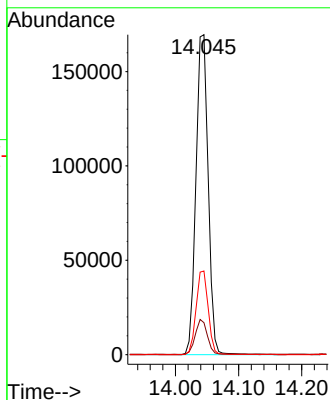
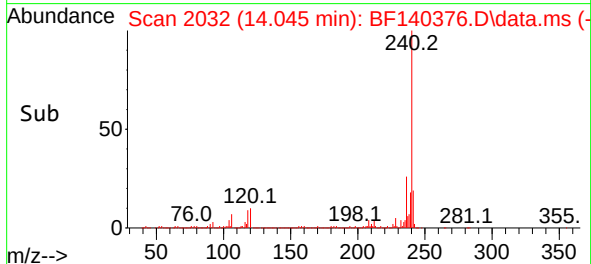
Instrument :
BNA_F
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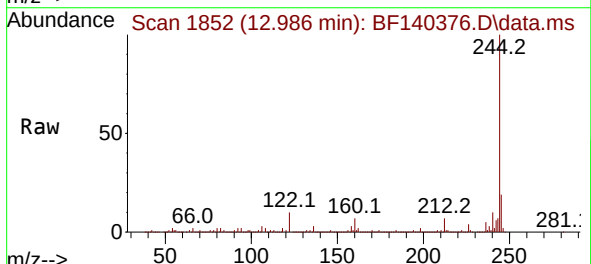
Tgt Ion:240 Resp: 227238
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 26.2 20.9 31.3

Manual Integrations
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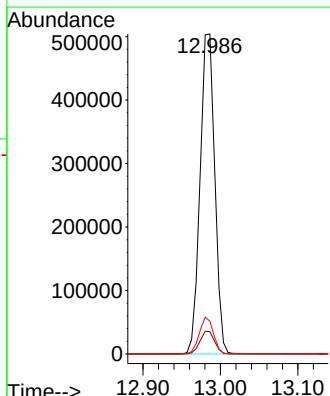
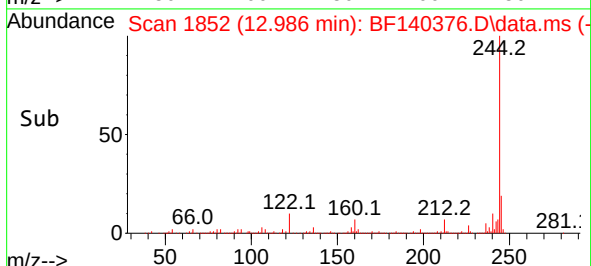
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

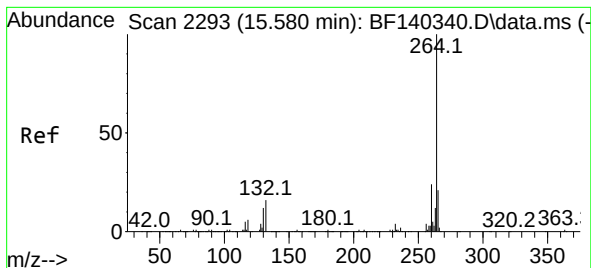


#79
Terphenyl-d14
Concen: 50.893 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28



Tgt Ion:244 Resp: 666260
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.3 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140376.D

Acq: 14 Nov 2024 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1RE

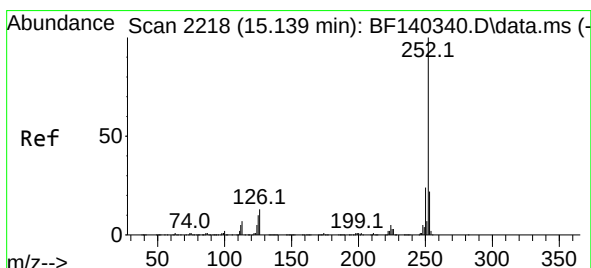
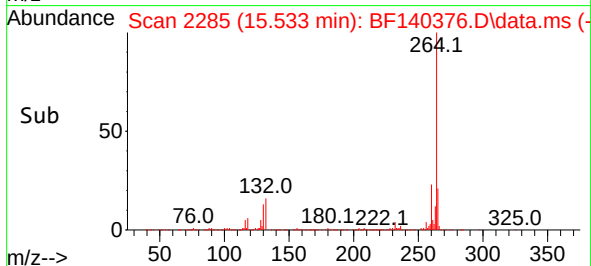
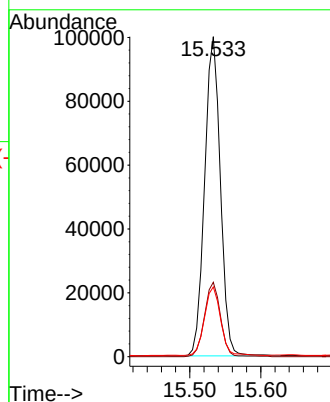
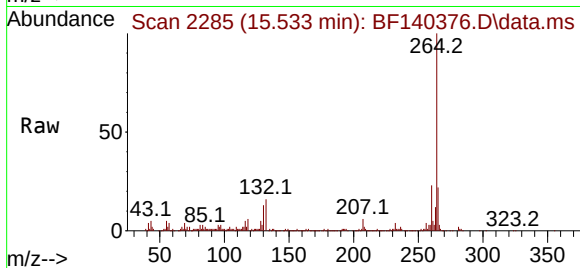
Tgt Ion:264	Resp:	154260
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.2 28.8
265	21.8	17.1 25.7

Manual Integrations

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Supervised By :mohammad ahmed 11/15/2024



#88

Benzo(b)fluoranthene

Concen: 2.771 ng m

RT: 15.098 min Scan# 2211

Delta R.T. -0.018 min

Lab File: BF140376.D

Acq: 14 Nov 2024 21:28

Tgt Ion:252	Resp:	27966
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.5 26.3
125	14.0	8.0 12.0

