

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133624.D
 Acq On : 07 Jun 2023 14:47
 Operator : CG\JU
 Sample : 03019-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-289

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2023
 Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 15:27:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 07 11:27:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	144874	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	517121	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	244139	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	400799	20.000	ng	0.00
76) Chrysene-d12	14.010	240	275213	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	216536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	401431	46.231	ng	0.00
7) Phenol-d6	6.457	99	301169	28.176	ng	-0.01
23) Nitrobenzene-d5	7.404	82	673434	86.951	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	276023	113.421	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1206907	76.300	ng	0.00
79) Terphenyl-d14	12.957	244	1104045	71.326	ng	0.00
Target Compounds						
31) Naphthalene	8.140	128	146868m	5.858	ng	Qvalue
38) 1-Methylnaphthalene	8.928	142	130289	8.165	ng	96

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

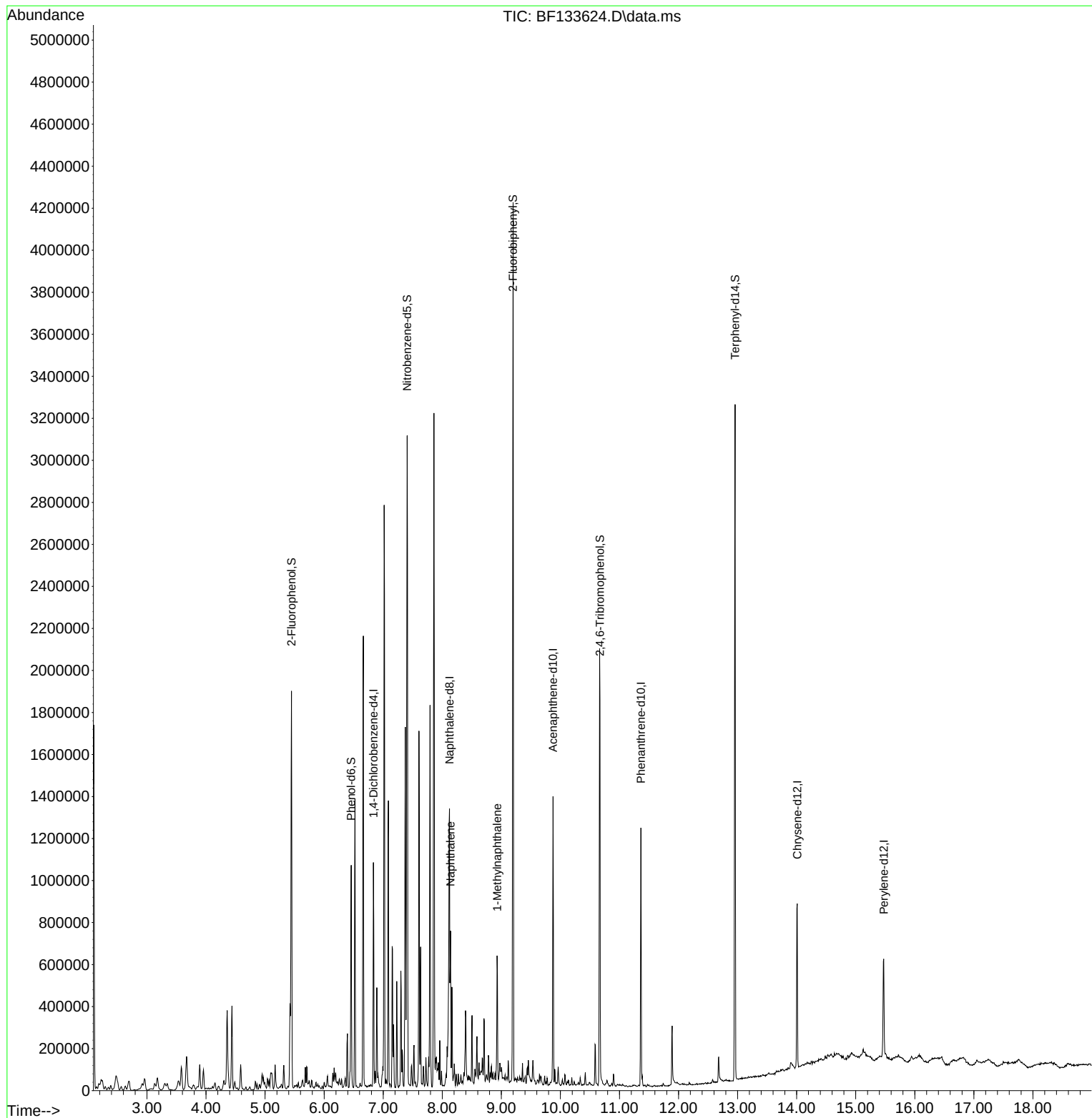
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
Operator : CG\JU
Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

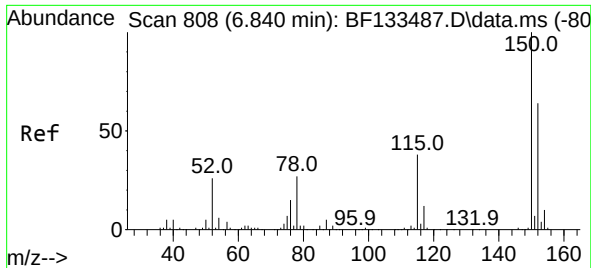
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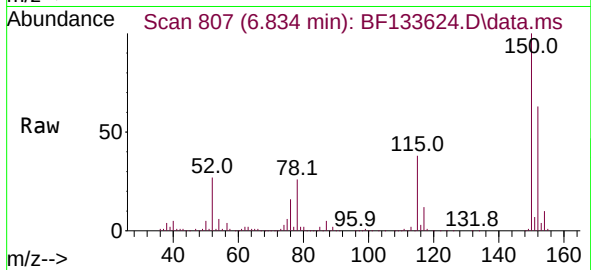
Quant Time: Jun 07 15:27:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 07 11:27:15 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF133624.D
Acq: 07 Jun 2023 14:47

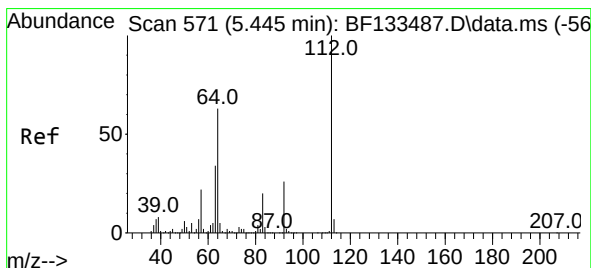
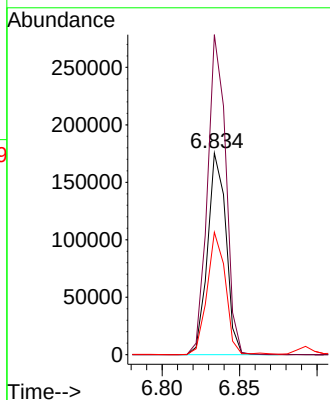
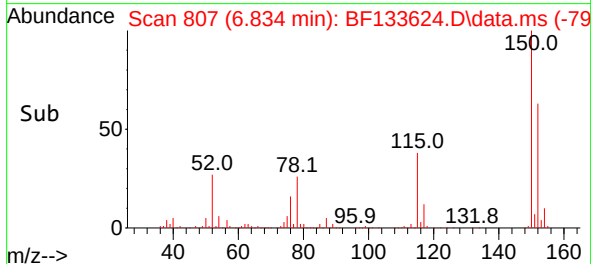
Instrument :
BNA_F
ClientSampleId :
MH-289



Tgt Ion:152 Resp: 144874
Ion Ratio Lower Upper
152 100
150 158.7 124.9 187.3
115 60.7 48.1 72.1

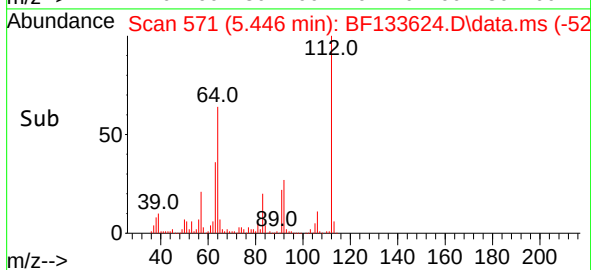
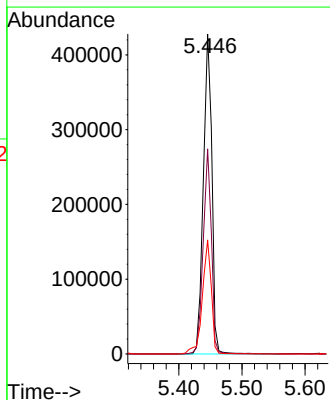
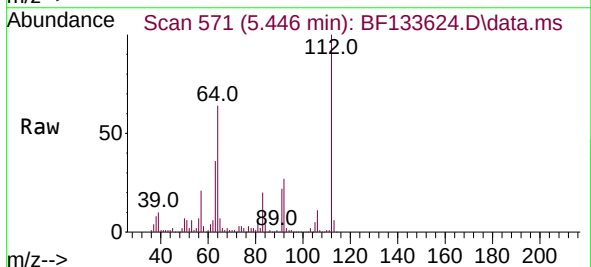
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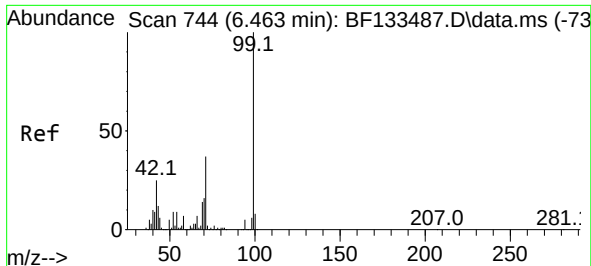
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#5
2-Fluorophenol
Concen: 46.231 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133624.D
Acq: 07 Jun 2023 14:47

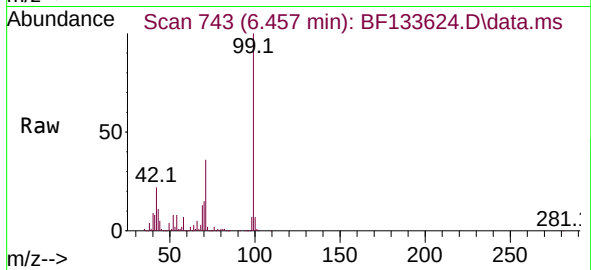
Tgt Ion:112 Resp: 401431
Ion Ratio Lower Upper
112 100
64 64.1 50.1 75.1
63 35.7 27.5 41.3





#7
Phenol-d6
Concen: 28.176 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133624.D
Acq: 07 Jun 2023 14:47

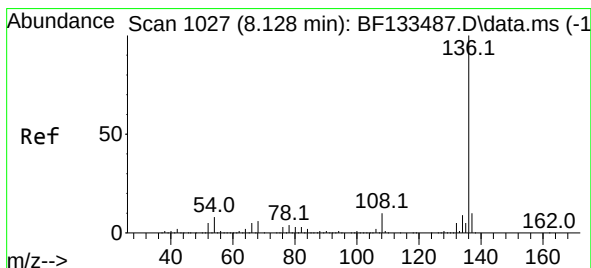
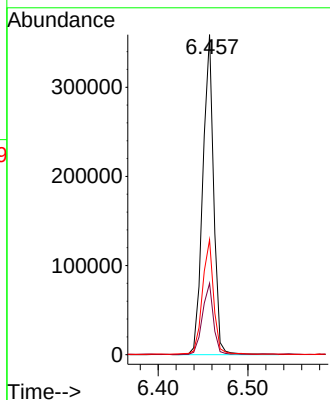
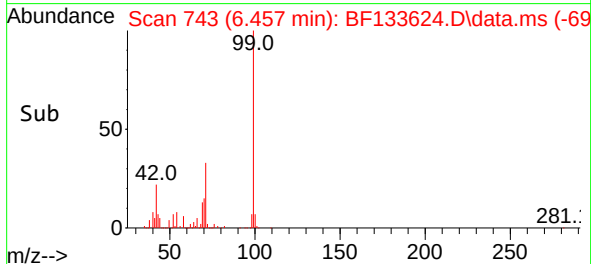
Instrument :
BNA_F
ClientSampleId :
MH-289



Tgt Ion: 99 Resp: 301169
Ion Ratio Lower Upper
99 100
42 22.3 19.7 29.5
71 35.9 29.8 44.8

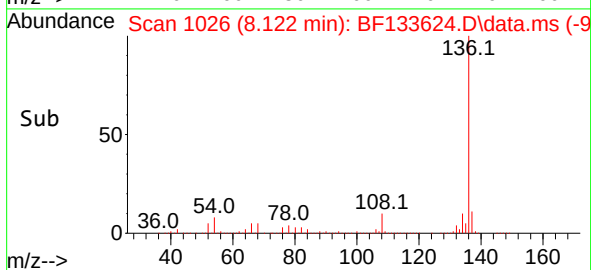
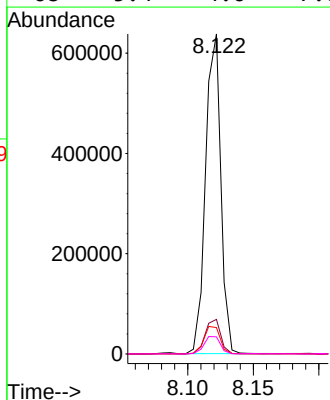
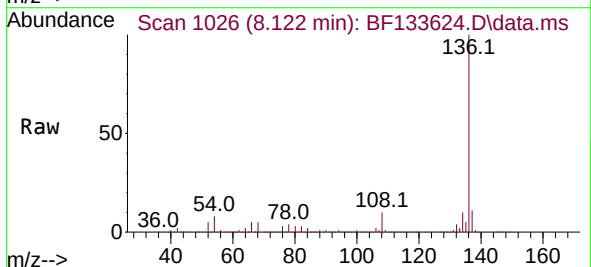
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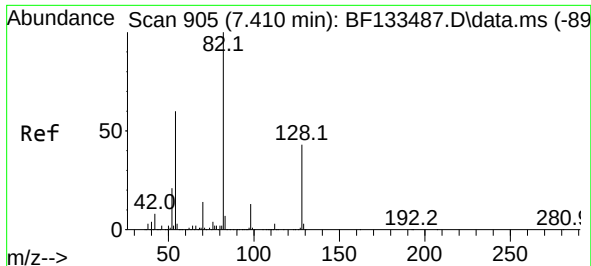
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133624.D
Acq: 07 Jun 2023 14:47

Tgt Ion:136 Resp: 517121
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.3 6.6 10.0
68 5.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 86.951 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF133624.D

Acq: 07 Jun 2023 14:47

Instrument :

BNA_F

ClientSampleId :

MH-289

Tgt Ion: 82 Resp: 673434

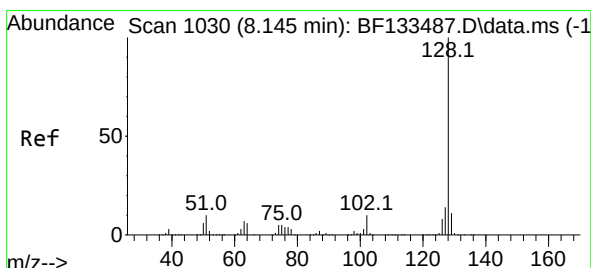
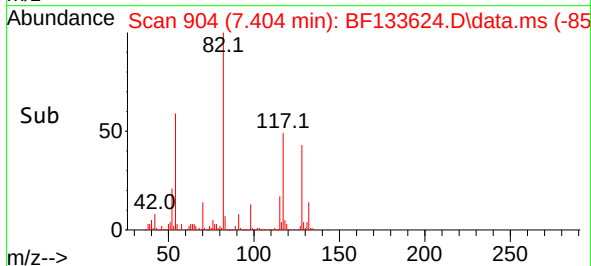
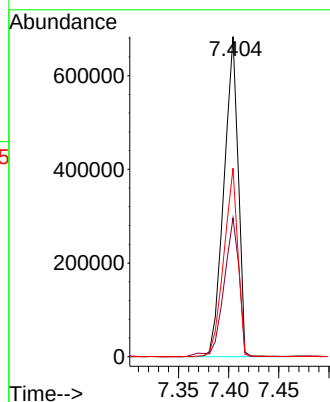
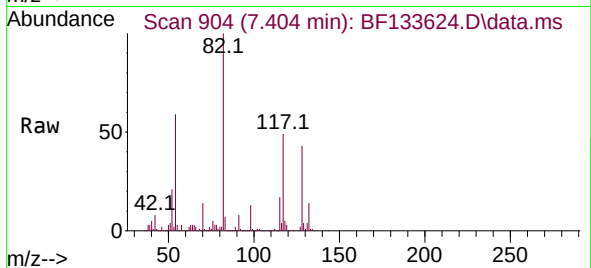
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.4
54	58.9	48.2	72.4

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Supervised By :mohammad ahmed 06/08/2023



#31

Naphthalene

Concen: 5.858 ng m

RT: 8.140 min Scan# 1029

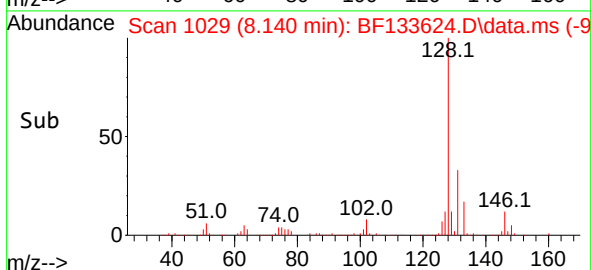
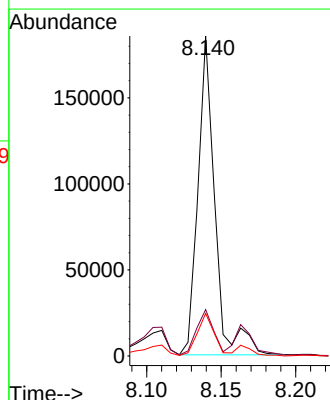
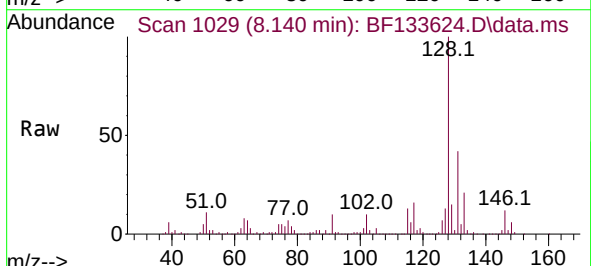
Delta R.T. -0.006 min

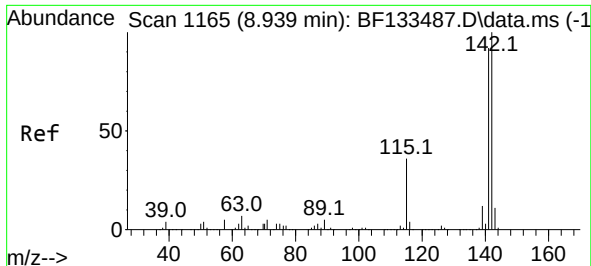
Lab File: BF133624.D

Acq: 07 Jun 2023 14:47

Tgt Ion:128 Resp: 146868

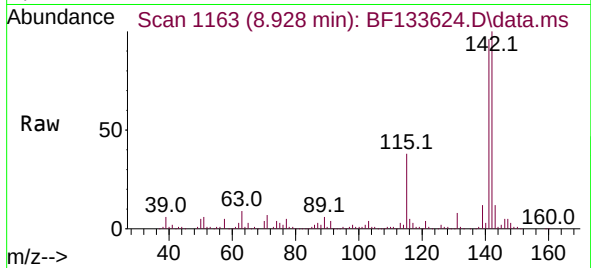
Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.2	13.8#
127	13.3	10.9	16.3





#38
1-Methylnaphthalene
Concen: 8.165 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF133624.D
Acq: 07 Jun 2023 14:47

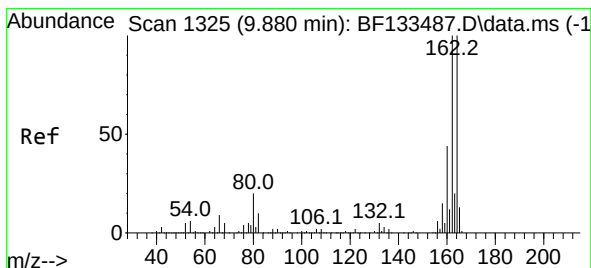
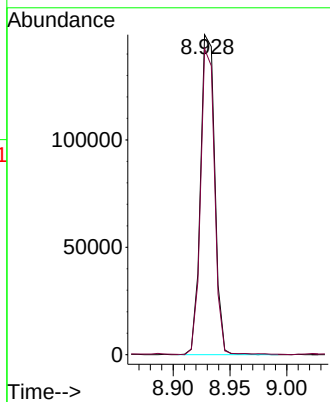
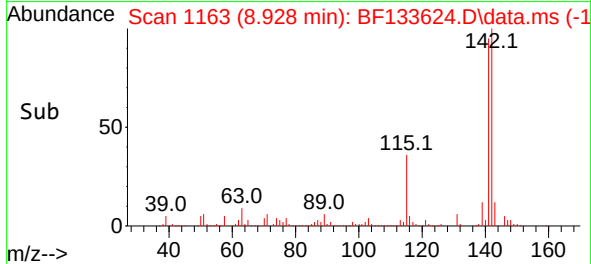
Instrument :
BNA_F
ClientSampleId :
MH-289



Tgt Ion:142 Resp: 130289
Ion Ratio Lower Upper
142 100
141 95.5 73.6 110.4

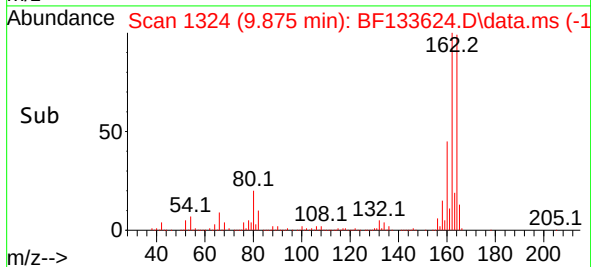
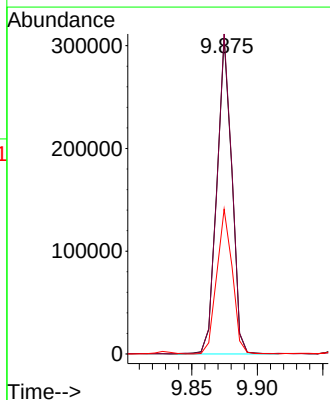
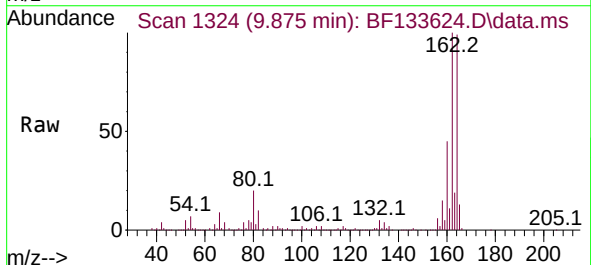
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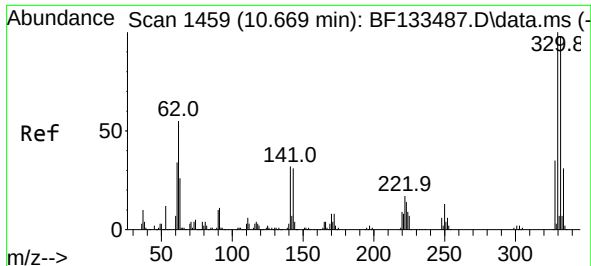
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF133624.D
Acq: 07 Jun 2023 14:47

Tgt Ion:164 Resp: 244139
Ion Ratio Lower Upper
164 100
162 101.3 79.7 119.5
160 45.9 35.4 53.0





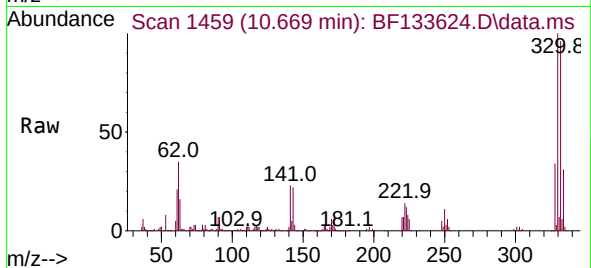
#42
2,4,6-Tribromophenol
Concen: 113.421 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133624.D
Acq: 07 Jun 2023 14:47

Instrument :

BNA_F

ClientSampleId :

MH-289



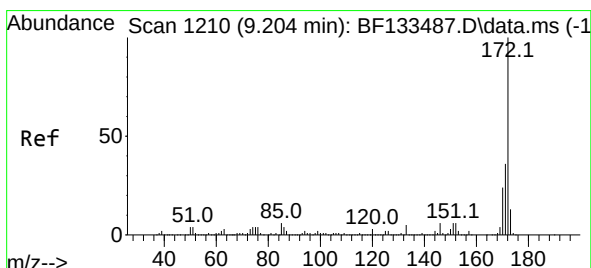
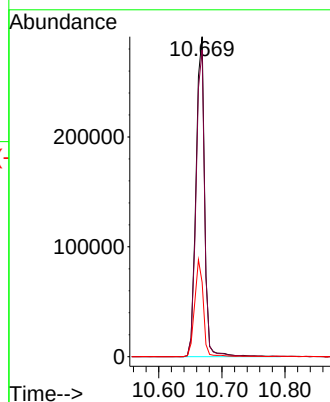
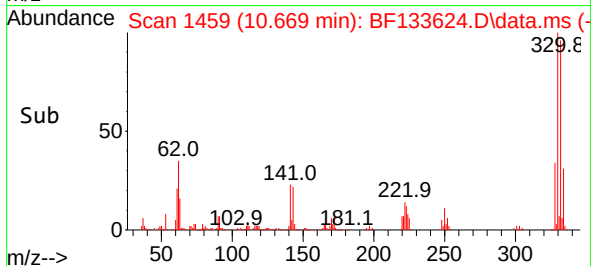
Tgt Ion: 330 Resp: 276023
Ion Ratio Lower Upper
330 100
332 95.7 77.8 116.6
141 30.4 26.6 40.0

Manual Integrations

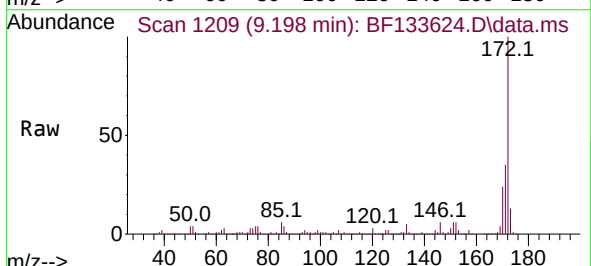
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Reviewed By : Yogesh Patel 06/08/2023

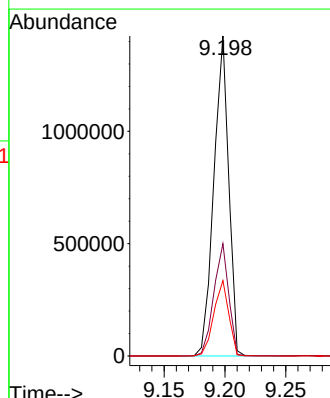
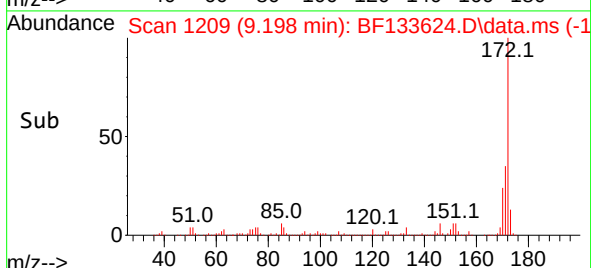
Supervised By : mohammad ahmed 06/08/2023

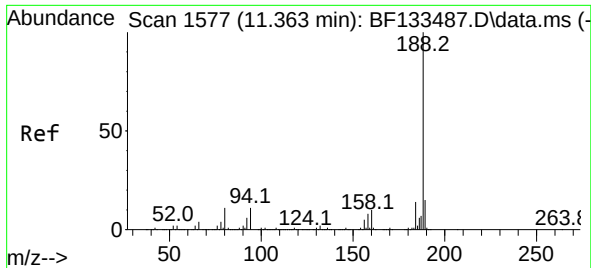


#45
2-Fluorobiphenyl
Concen: 76.300 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133624.D
Acq: 07 Jun 2023 14:47



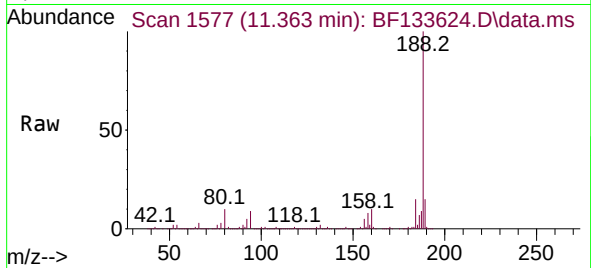
Tgt Ion: 172 Resp: 1206907
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.5 19.3 28.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133624.D
Acq: 07 Jun 2023 14:47

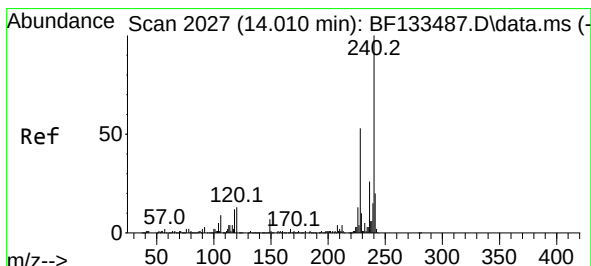
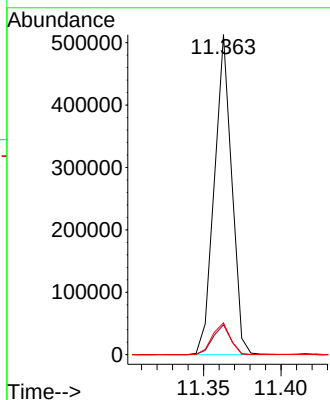
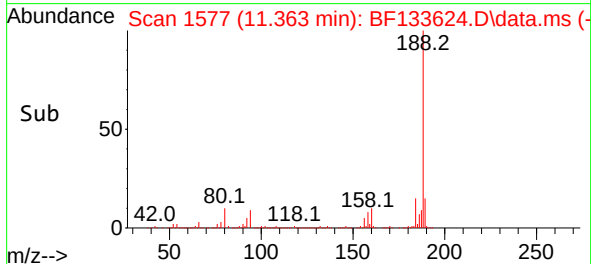
Instrument :
BNA_F
ClientSampleId :
MH-289



Tgt Ion:188 Resp: 400799
Ion Ratio Lower Upper
188 100
94 9.3 8.6 12.8
80 10.0 9.2 13.8

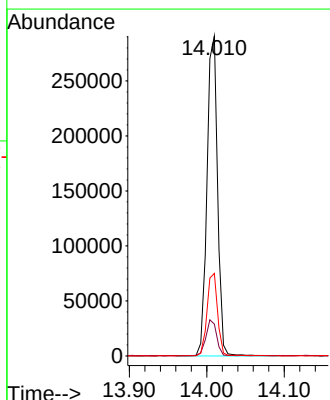
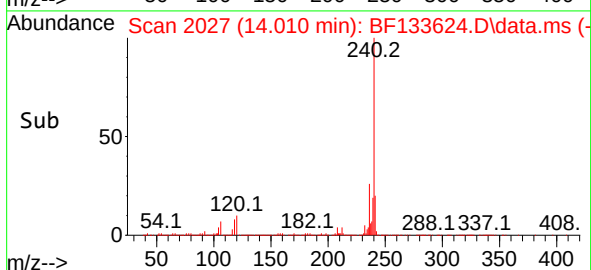
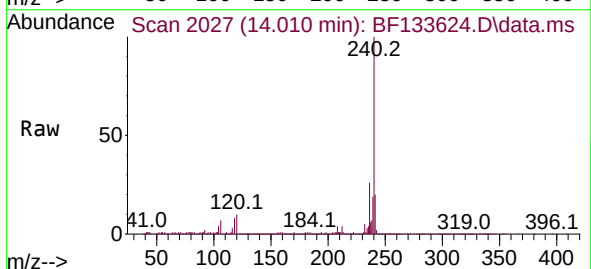
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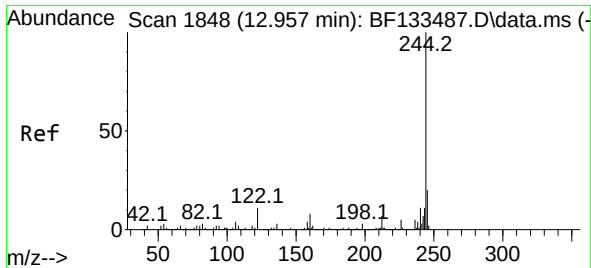
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133624.D
Acq: 07 Jun 2023 14:47

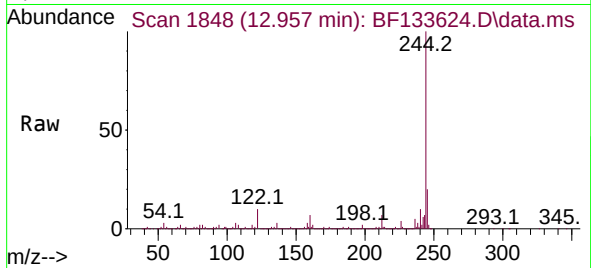
Tgt Ion:240 Resp: 275213
Ion Ratio Lower Upper
240 100
120 10.0 10.3 15.5#
236 25.8 20.5 30.7





#79
 Terphenyl-d14
 Concen: 71.326 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133624.D
 Acq: 07 Jun 2023 14:47

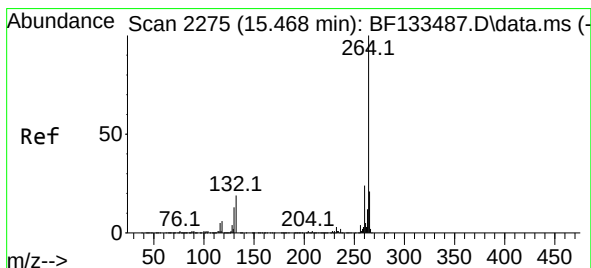
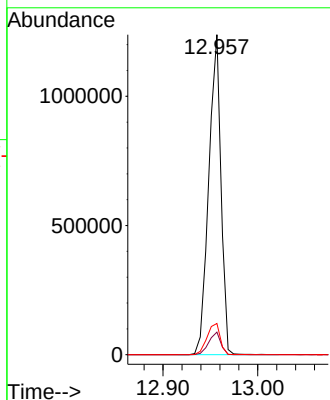
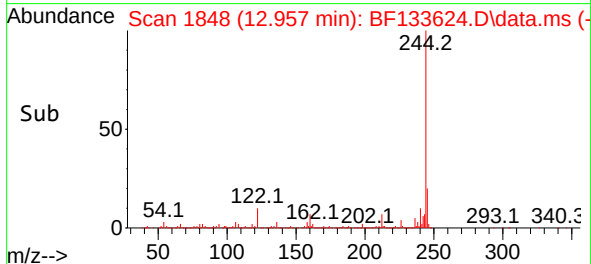
Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1104049
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.8 8.5 12.7

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 Supervised By :mohammad ahmed 06/08/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF133624.D
 Acq: 07 Jun 2023 14:47

Tgt Ion:264 Resp: 216536
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 22.9 16.8 25.2

