

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133568.D
 Acq On : 05 Jun 2023 16:28
 Operator : CG\JU
 Sample : 02998-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-2-053123

Manual Integrations
 APPROVED

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

Quant Time: Jun 05 17:51:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	151530	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	542556	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	241692	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	425768	20.000	ng	0.00
76) Chrysene-d12	14.004	240	260804	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	216047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	622339	68.524	ng	0.00
7) Phenol-d6	6.457	99	743187	66.474	ng	0.00
23) Nitrobenzene-d5	7.392	82	451560	55.570	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	172176	71.465	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	845994	54.025	ng	0.00
79) Terphenyl-d14	12.951	244	793441	54.091	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.568	202	71194	2.989	ng	98
78) Pyrene	12.798	202	63289	2.852	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	29547	2.692	ng	# 98
88) Benzo(b)fluoranthene	15.033	252	28909m	2.055	ng	

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

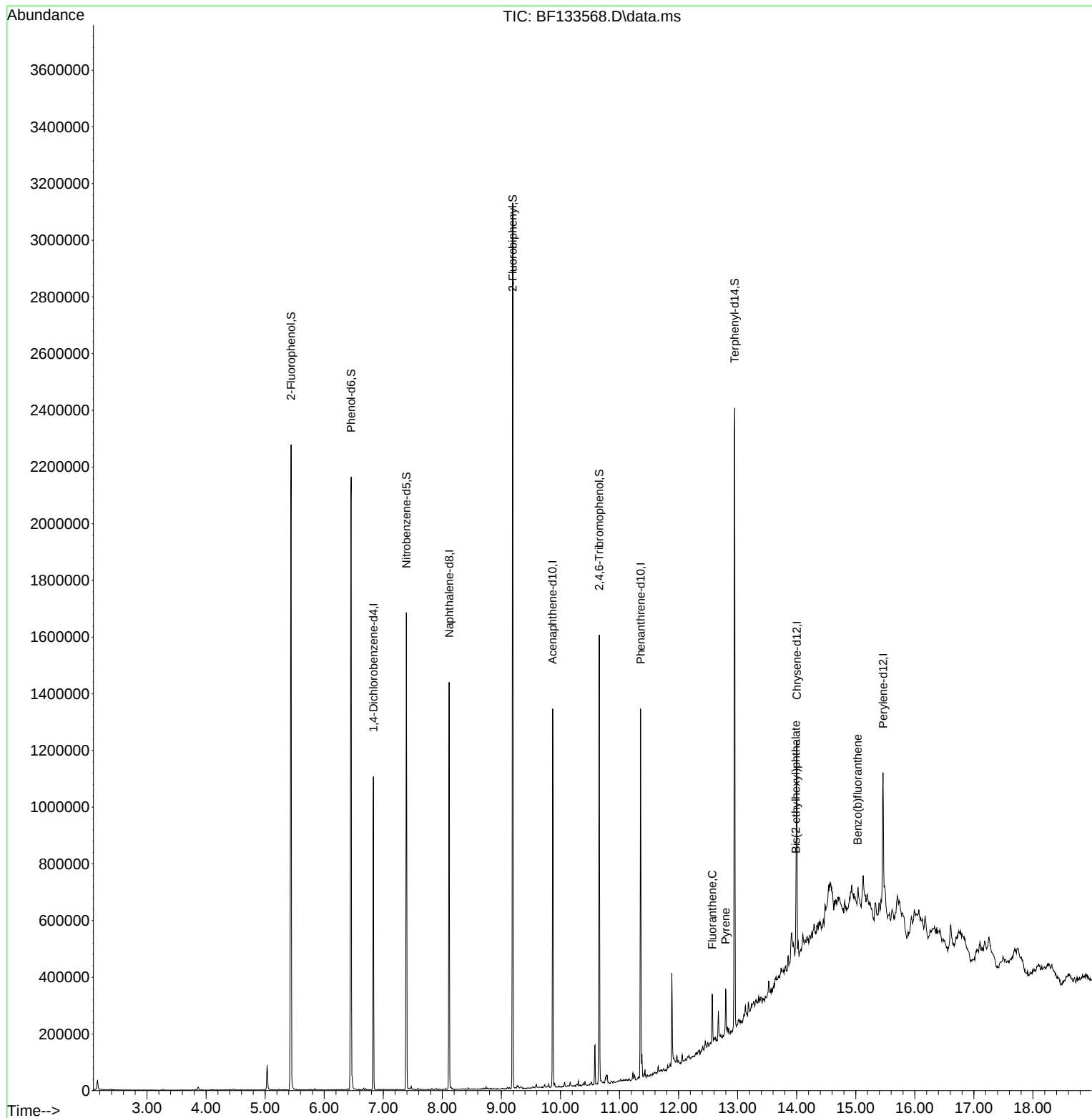
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
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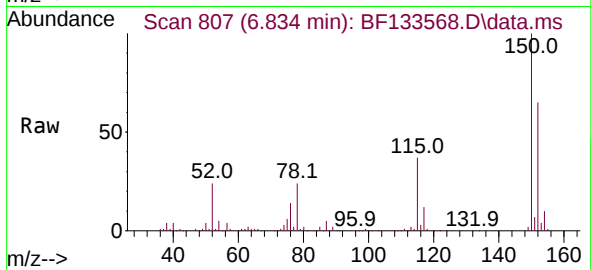
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133568.D
Acq: 05 Jun 2023 16:28

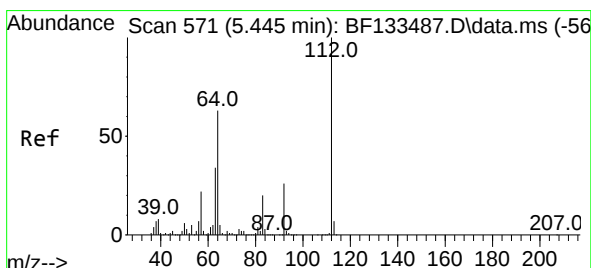
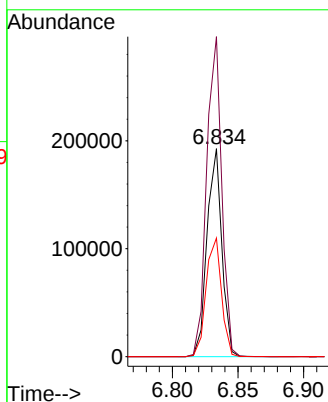
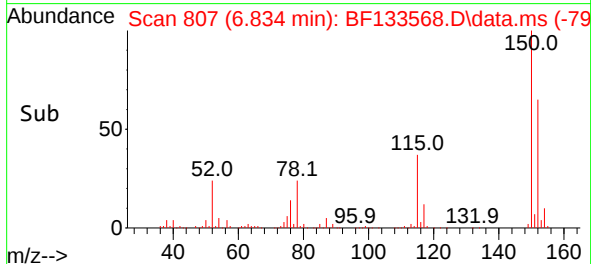
Instrument :
BNA_F
ClientSampleId :
PAT-2-053123



Tgt Ion:152 Resp: 151530
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 57.0 48.1 72.1

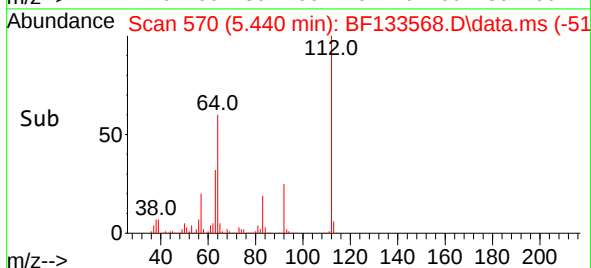
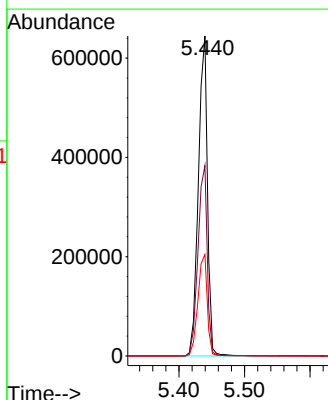
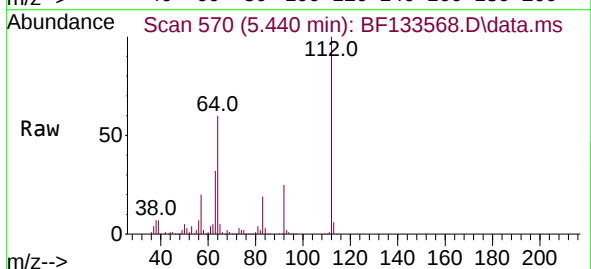
Manual Integrations
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#5
2-Fluorophenol
Concen: 68.524 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF133568.D
Acq: 05 Jun 2023 16:28

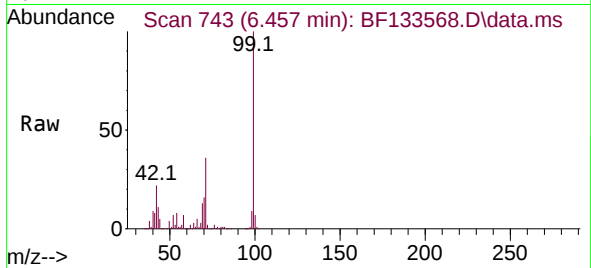
Tgt Ion:112 Resp: 622339
Ion Ratio Lower Upper
112 100
64 59.5 50.1 75.1
63 31.7 27.5 41.3





#7
Phenol-d6
Concen: 66.474 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF133568.D
Acq: 05 Jun 2023 16:28

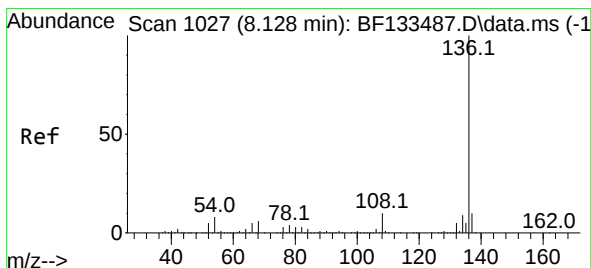
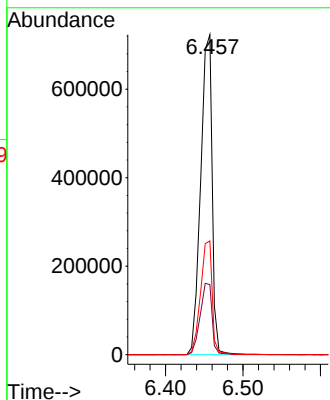
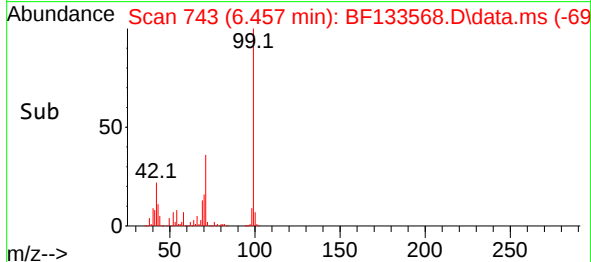
Instrument :
BNA_F
ClientSampleId :
PAT-2-053123



Tgt Ion: 99 Resp: 74318
Ion Ratio Lower Upper
99 100
42 21.9 19.7 29.5
71 35.5 29.8 44.8

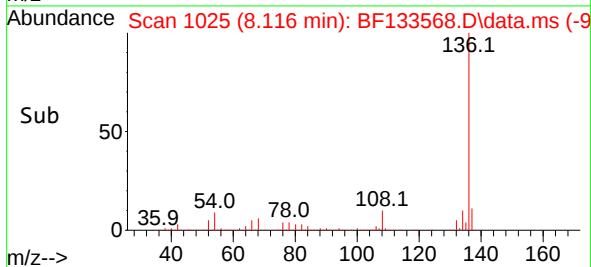
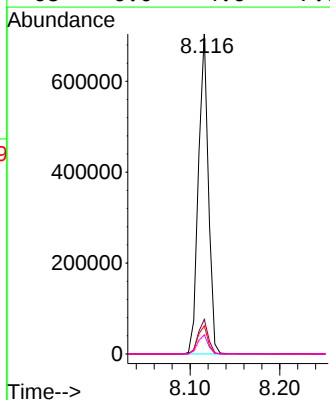
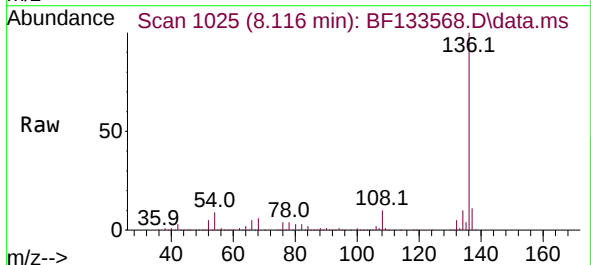
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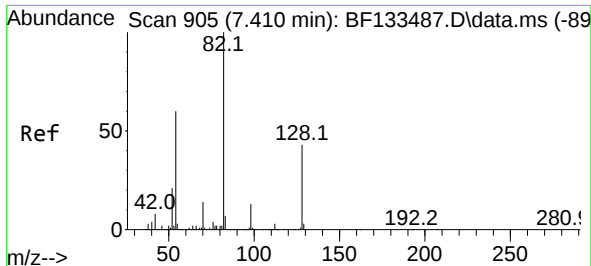
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133568.D
Acq: 05 Jun 2023 16:28

Tgt Ion:136 Resp: 542556
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.8 6.6 10.0
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 55.570 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133568.D

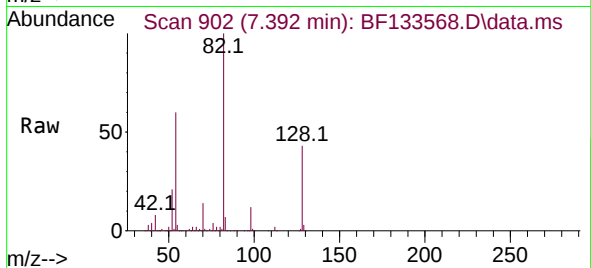
Acq: 05 Jun 2023 16:28

Instrument :

BNA_F

ClientSampleId :

PAT-2-053123

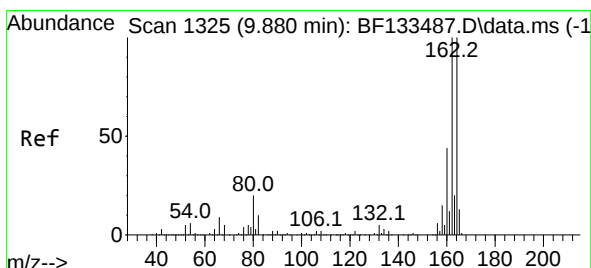
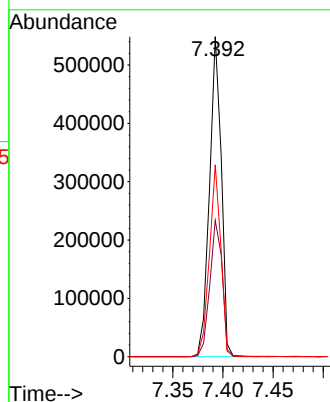
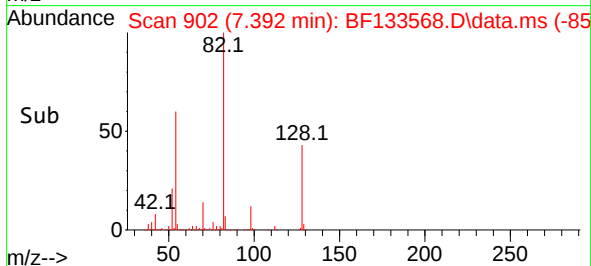


Tgt Ion: 82 Resp: 451560

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.2	51.4
54	60.0	48.2	72.4

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Supervised By :mohammad ahmed 06/08/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

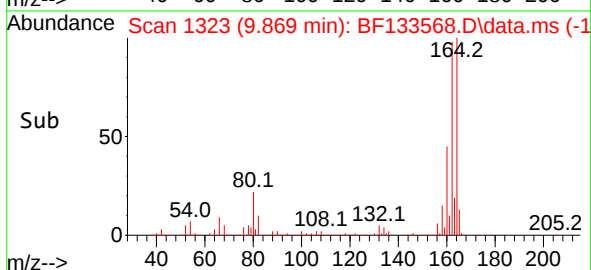
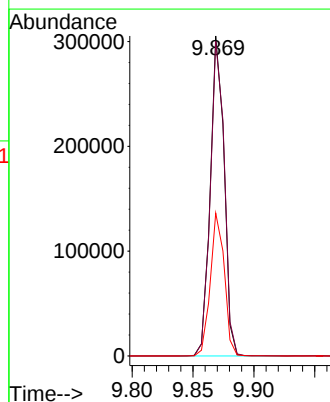
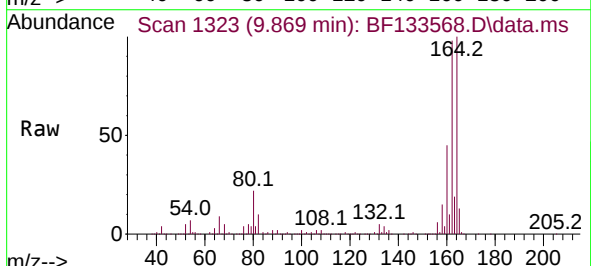
Delta R.T. -0.006 min

Lab File: BF133568.D

Acq: 05 Jun 2023 16:28

Tgt Ion:164 Resp: 241692

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.7	119.5
160	44.6	35.4	53.0





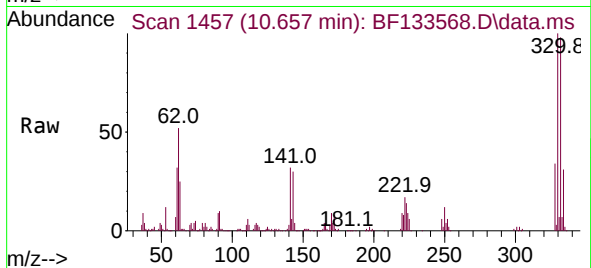
#42
2,4,6-Tribromophenol
Concen: 71.465 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133568.D
Acq: 05 Jun 2023 16:28

Instrument :

BNA_F

ClientSampleId :

PAT-2-053123



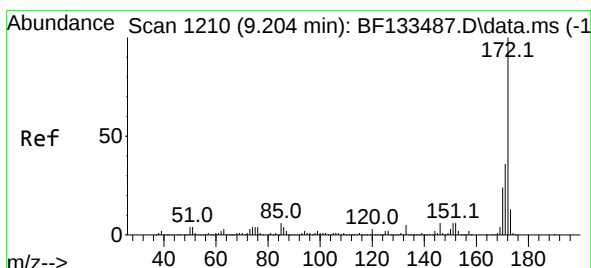
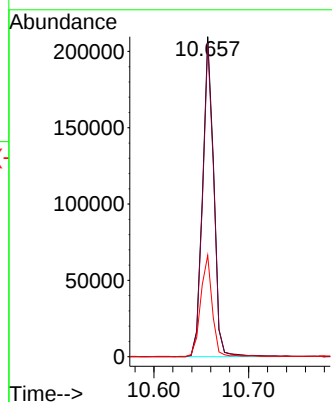
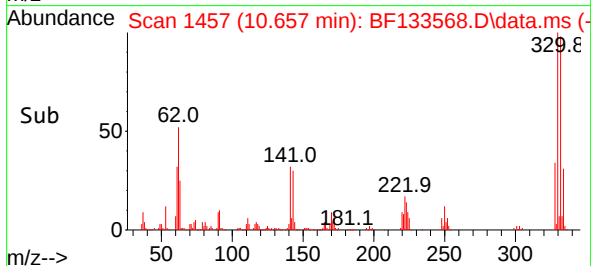
Tgt Ion:330 Resp: 172170
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.6
141 33.1 26.6 40.0

Manual Integrations

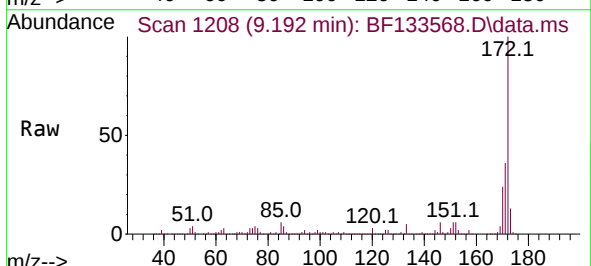
APPROVED

Reviewed By :Yogesh Patel 06/06/2023

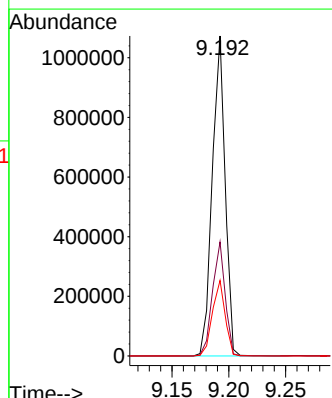
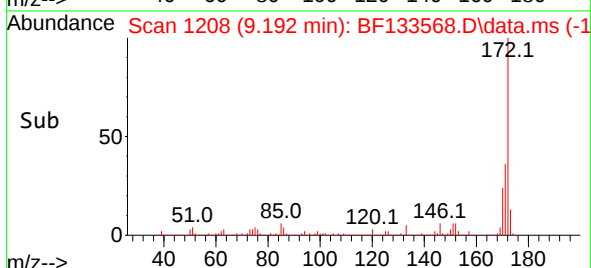
Supervised By :mohammad ahmed 06/08/2023

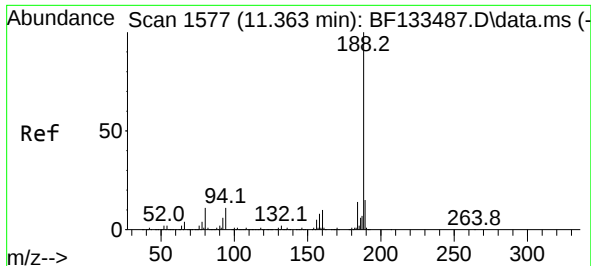


#45
2-Fluorobiphenyl
Concen: 54.025 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF133568.D
Acq: 05 Jun 2023 16:28



Tgt Ion:172 Resp: 845994
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.6 19.3 28.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133568.D
Acq: 05 Jun 2023 16:28

Instrument :

BNA_F

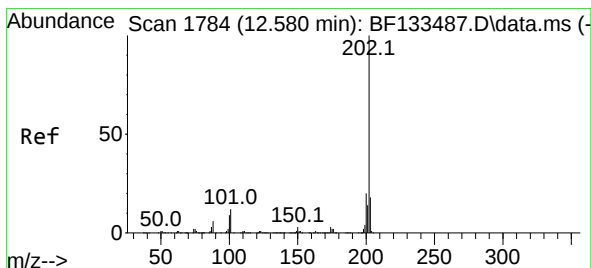
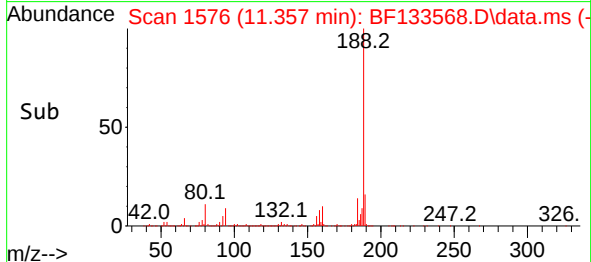
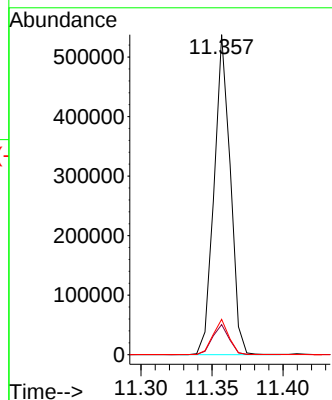
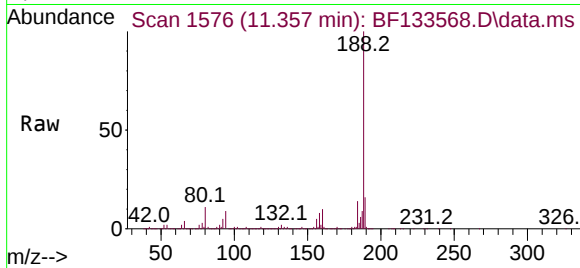
ClientSampleId :

PAT-2-053123

Tgt Ion:188 Resp: 425768
Ion Ratio Lower Upper
188 100
94 9.4 8.6 12.8
80 11.0 9.2 13.8

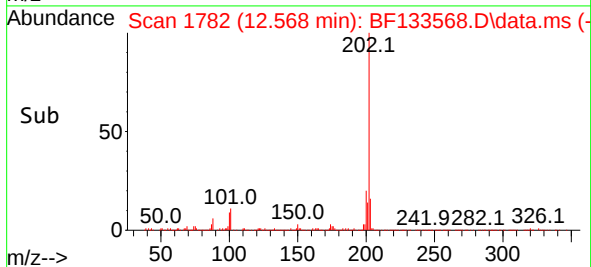
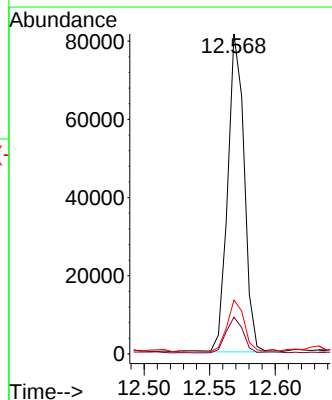
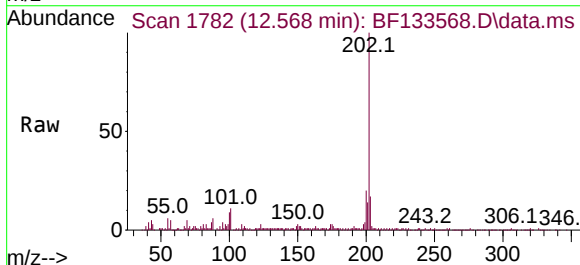
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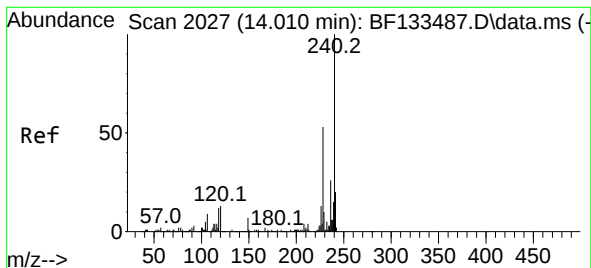
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#75
Fluoranthene
Concen: 2.989 ng
RT: 12.568 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF133568.D
Acq: 05 Jun 2023 16:28

Tgt Ion:202 Resp: 71194
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.2
203 16.9 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF133568.D

Acq: 05 Jun 2023 16:28

Instrument :

BNA_F

ClientSampleId :

PAT-2-053123

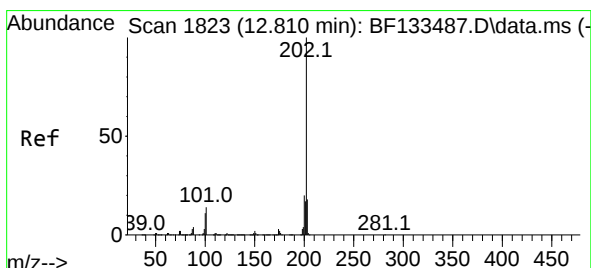
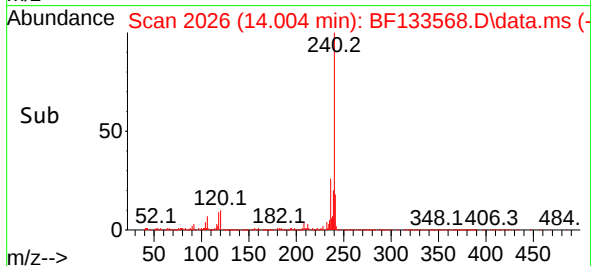
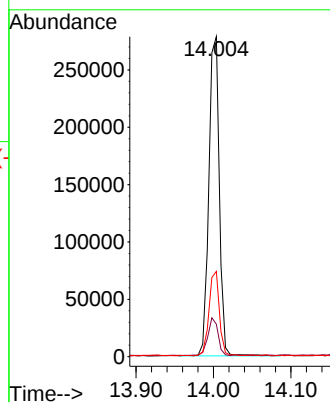
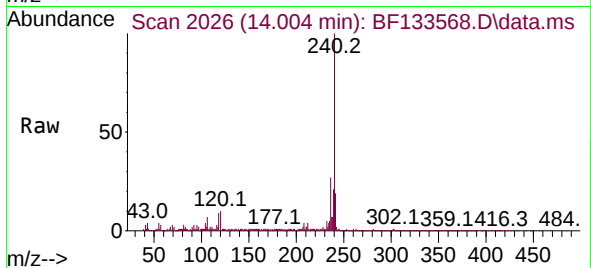
Tgt Ion:240 Resp: 260804
 Ion Ratio Lower Upper
 240 100
 120 10.1 10.3 15.5
 236 26.6 20.5 30.7

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2023



#78

Pyrene

Concen: 2.852 ng

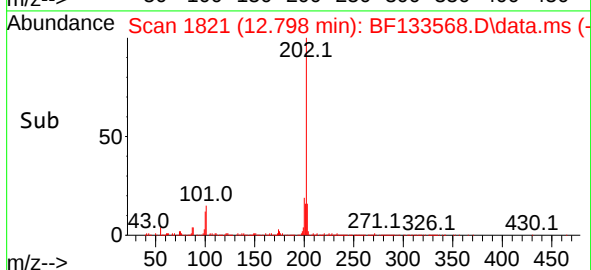
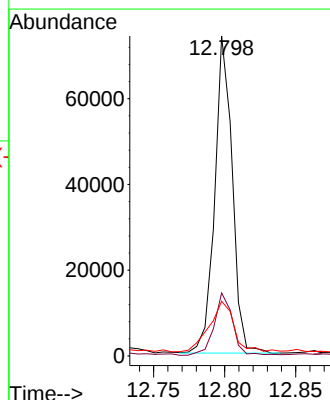
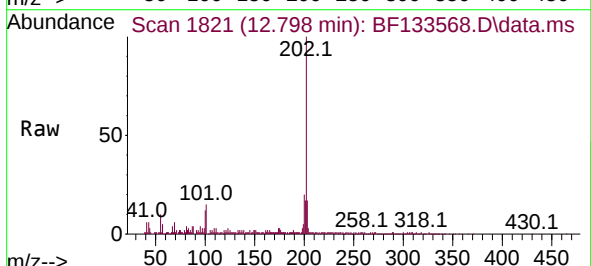
RT: 12.798 min Scan# 1821

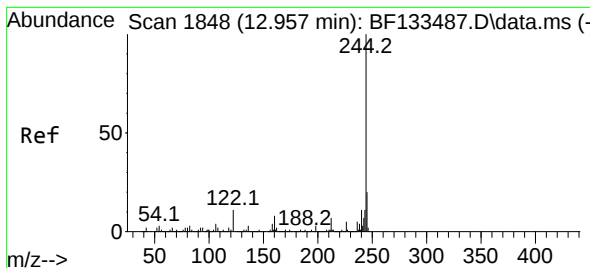
Delta R.T. -0.006 min

Lab File: BF133568.D

Acq: 05 Jun 2023 16:28

Tgt Ion:202 Resp: 63289
 Ion Ratio Lower Upper
 202 100
 200 19.7 16.3 24.5
 203 17.1 14.3 21.5





#79

Terphenyl-d14

Concen: 54.091 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133568.D

Acq: 05 Jun 2023 16:28

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:244 Resp: 79344

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

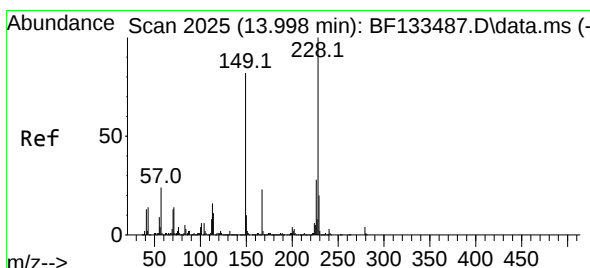
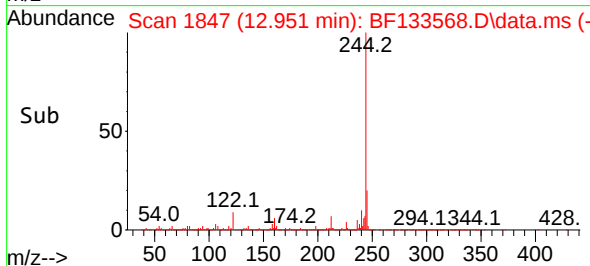
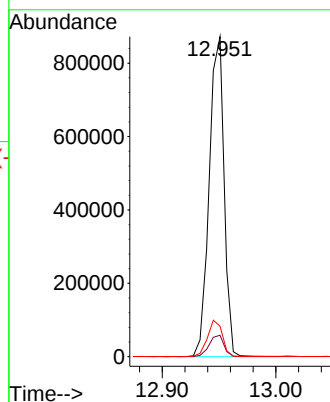
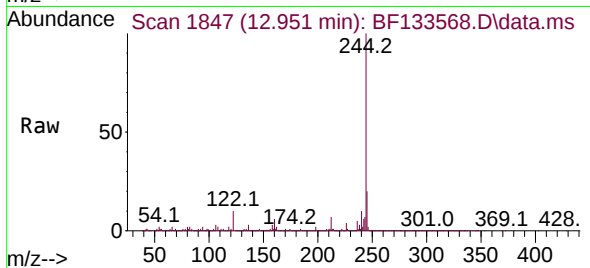
122 9.5 8.5 12.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.692 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF133568.D

Acq: 05 Jun 2023 16:28

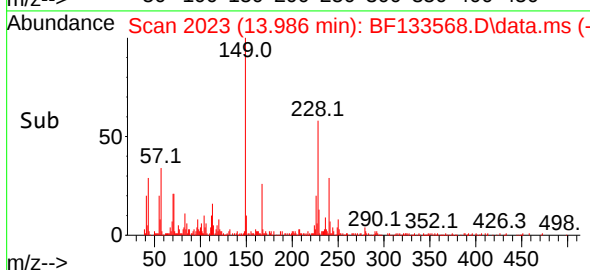
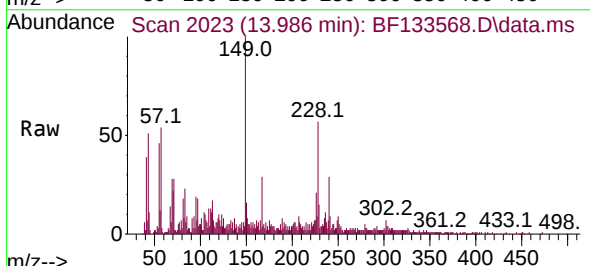
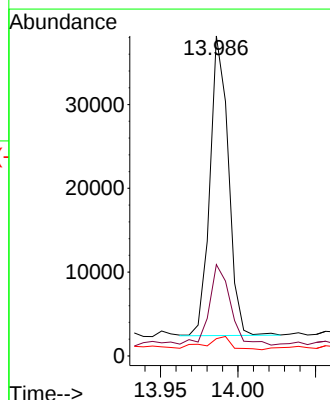
Tgt Ion:149 Resp: 29547

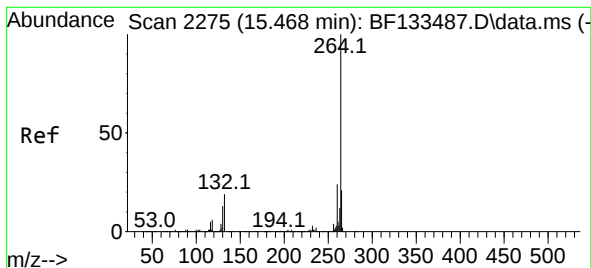
Ion Ratio Lower Upper

149 100

167 28.5 22.0 33.0

279 5.4 3.6 5.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133568.D

Acq: 05 Jun 2023 16:28

Instrument :

BNF

ClientSampleId :

PAT-2-053123

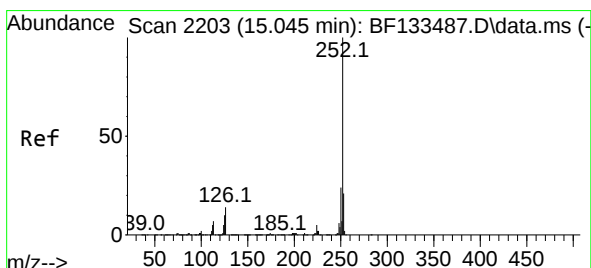
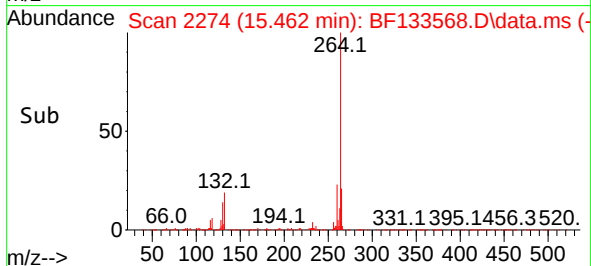
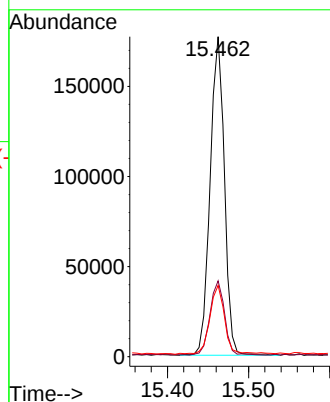
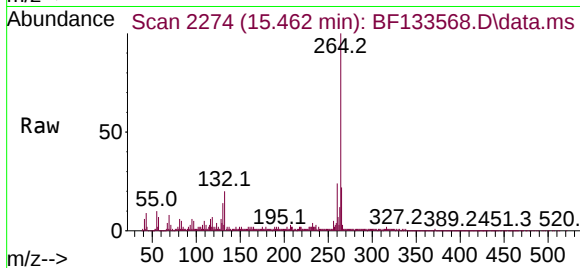
Tgt Ion:	264	Resp:	21604
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.4
265	22.2	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#88

Benzo(b)fluoranthene

Concen: 2.055 ng m

RT: 15.033 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF133568.D

Acq: 05 Jun 2023 16:28

Tgt Ion:	252	Resp:	28909
Ion Ratio	Lower	Upper	
252	100		
253	39.7	17.2	25.8#
125	26.5	8.1	12.1#

