

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133580.D
 Acq On : 05 Jun 2023 22:49
 Operator : CG\JU
 Sample : 02983-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB24A

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 01:08:34 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	133854	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	487058	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	210132	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	369923	20.000	ng	0.00
76) Chrysene-d12	13.998	240	224516	20.000	ng	0.00
86) Perylene-d12	15.463	264	183177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	478540	59.649	ng	0.00
7) Phenol-d6	6.451	99	567734	57.487	ng	0.00
23) Nitrobenzene-d5	7.392	82	344691	47.252	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	126475	60.381	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	634270	46.588	ng	0.00
79) Terphenyl-d14	12.945	244	600542	47.558	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.380	178	65608	3.502	ng	99
75) Fluoranthene	12.569	202	82381	3.981	ng	99
78) Pyrene	12.798	202	77183	4.040	ng	98
88) Benzo(b)fluoranthene	15.033	252	26546m	2.226	ng	

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

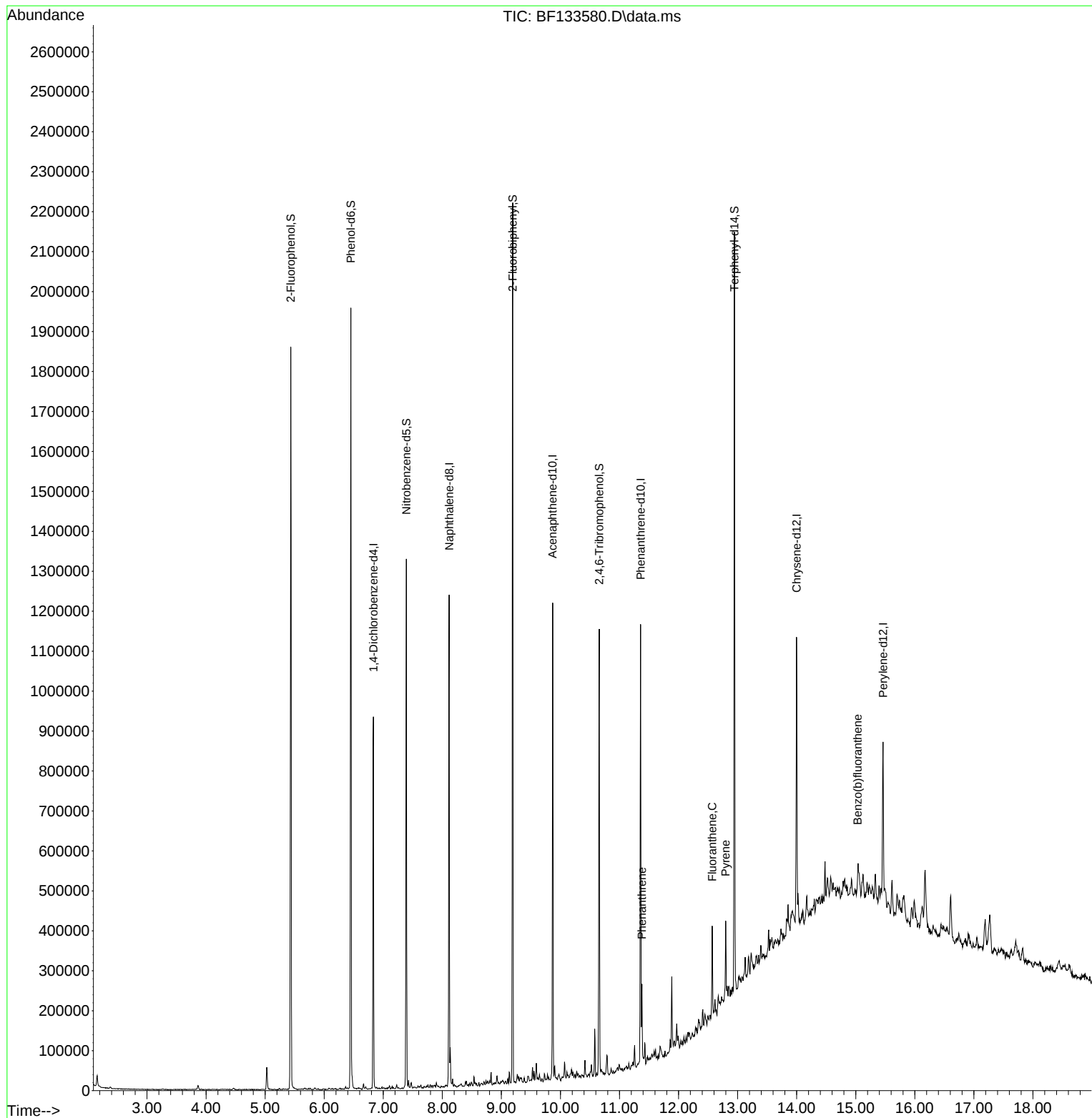
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
Data File : BF133580.D
Acq On : 05 Jun 2023 22:49
Operator : CG\JU
Sample : 02983-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

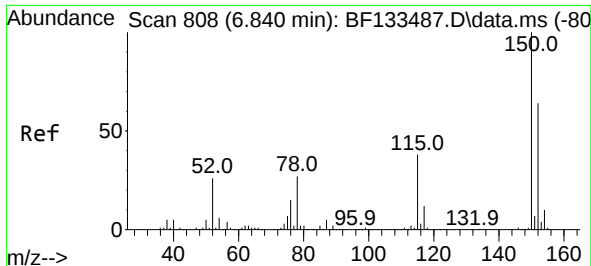
Instrument :
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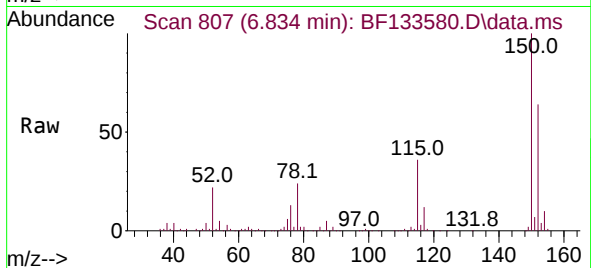
Quant Time: Jun 06 01:08:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 17:49:53 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49

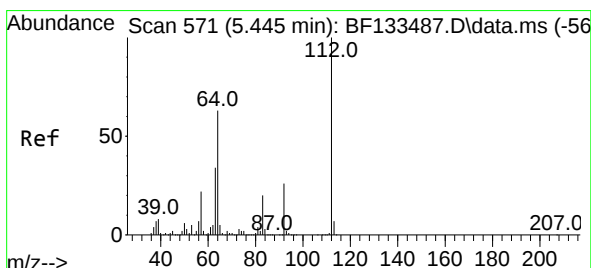
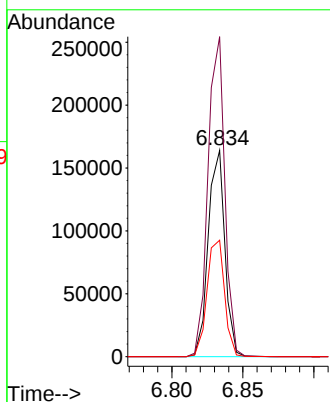
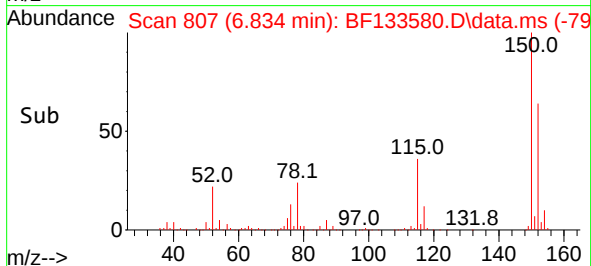
Instrument :
BNA_F
ClientSampleId :
SB24A



Tgt Ion:152 Resp: 133854
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 56.5 48.1 72.1

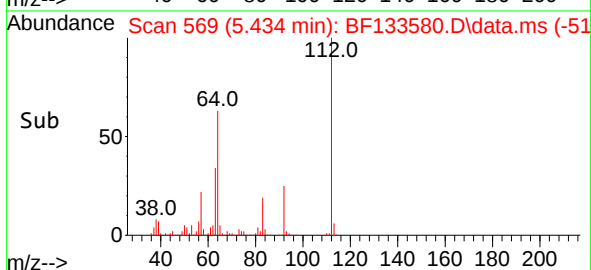
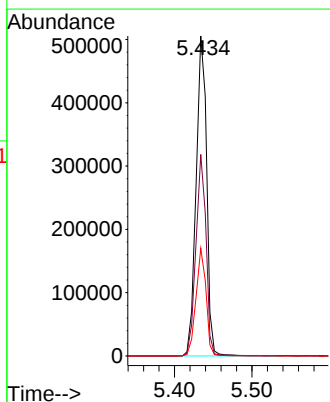
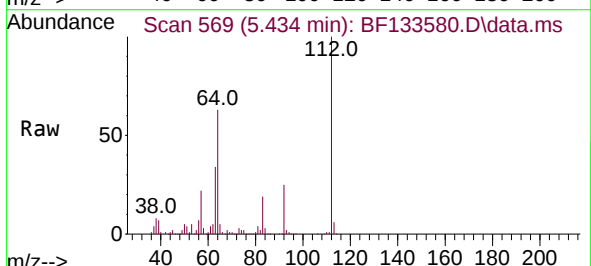
Manual Integrations
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Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#5
2-Fluorophenol
Concen: 59.649 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49

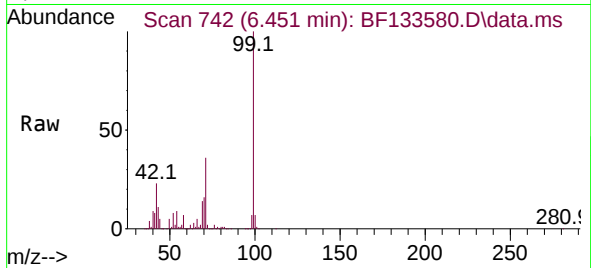
Tgt Ion:112 Resp: 478540
Ion Ratio Lower Upper
112 100
64 62.9 50.1 75.1
63 33.6 27.5 41.3





#7
Phenol-d6
Concen: 57.487 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49

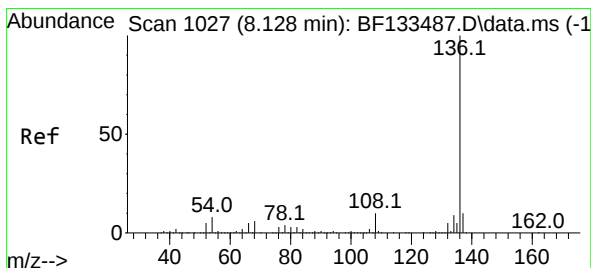
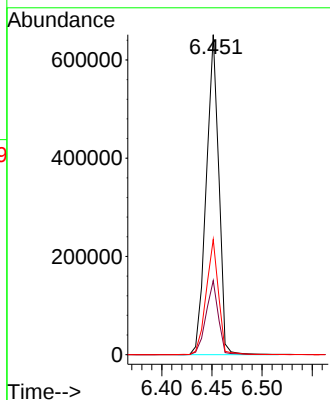
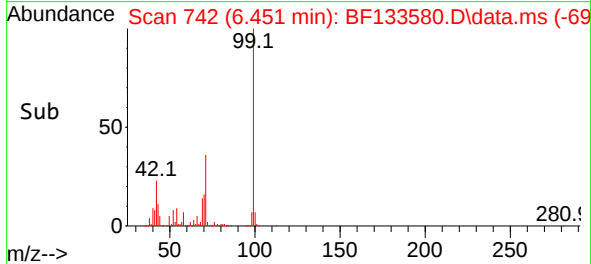
Instrument :
BNA_F
ClientSampleId :
SB24A



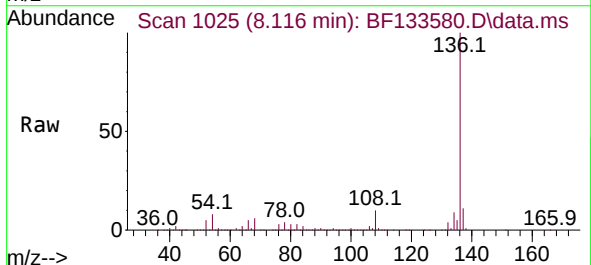
Tgt Ion: 99 Resp: 567734
Ion Ratio Lower Upper
99 100
42 23.1 19.7 29.5
71 36.0 29.8 44.8

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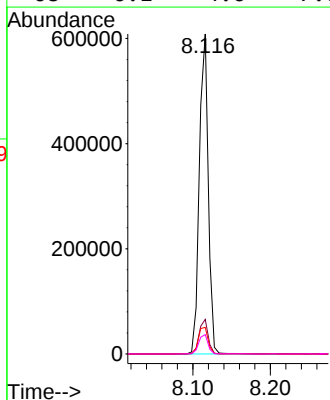
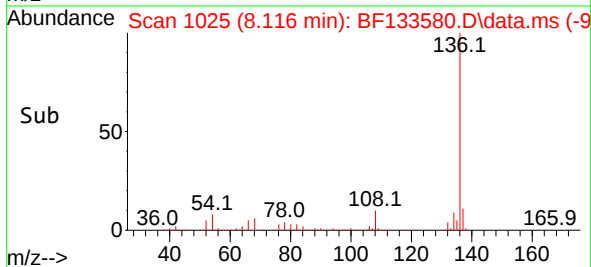
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49



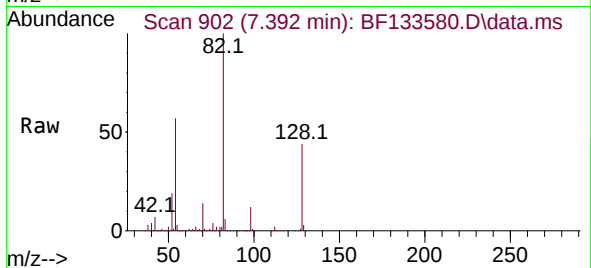
Tgt Ion:136 Resp: 487058
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.3 6.6 10.0
68 6.1 4.6 7.0





#23
Nitrobenzene-d5
Concen: 47.252 ng
RT: 7.392 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49

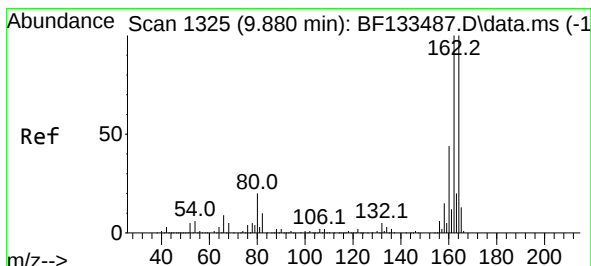
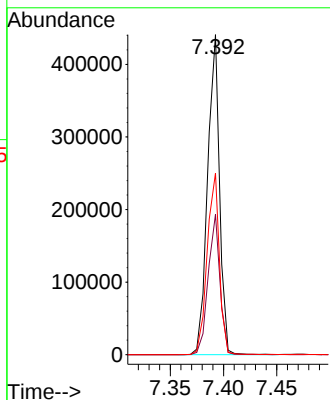
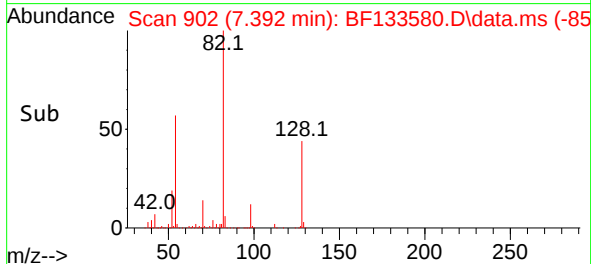
Instrument :
BNA_F
ClientSampleId :
SB24A



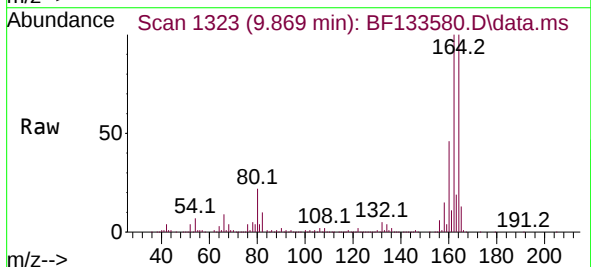
Tgt Ion: 82 Resp: 34469
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 56.7 48.2 72.4

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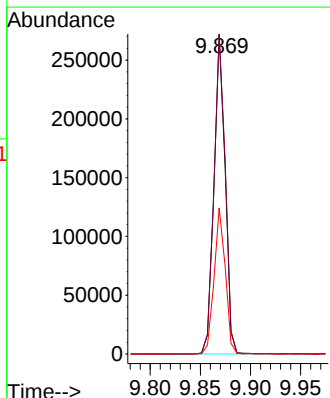
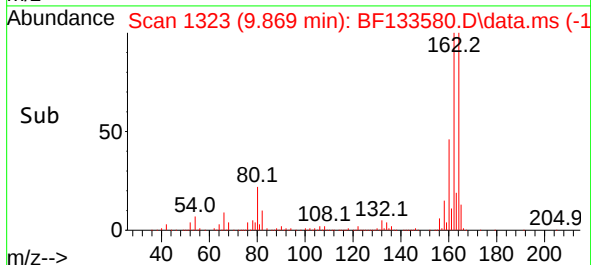
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

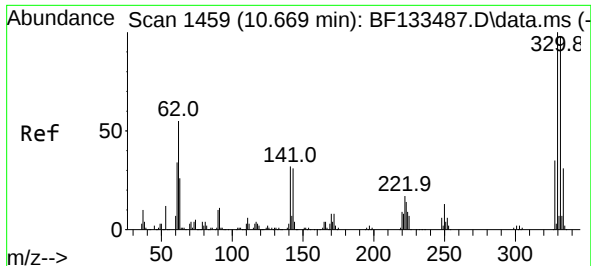


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49



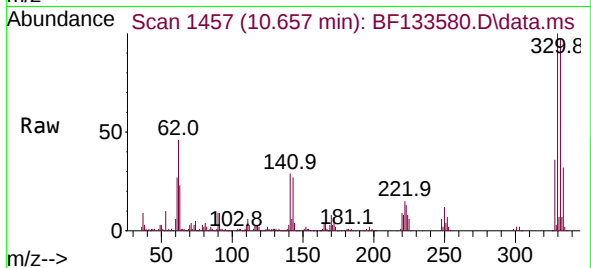
Tgt Ion:164 Resp: 210132
Ion Ratio Lower Upper
164 100
162 100.4 79.7 119.5
160 45.8 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 60.381 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49

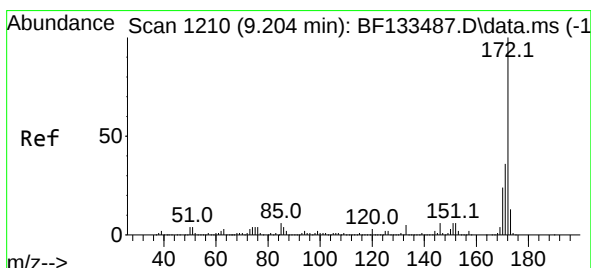
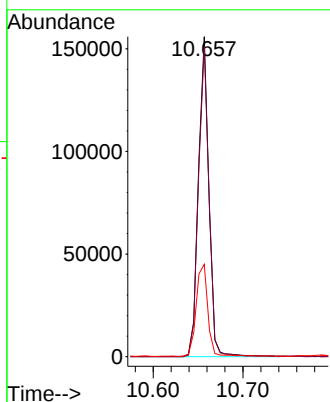
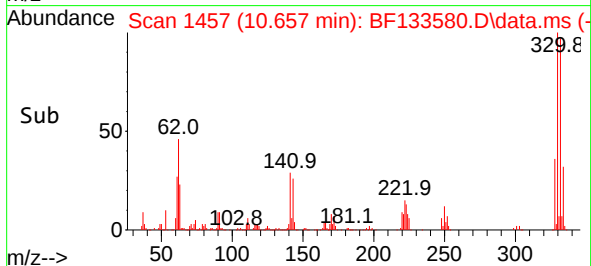
Instrument :
BNA_F
ClientSampleId :
SB24A



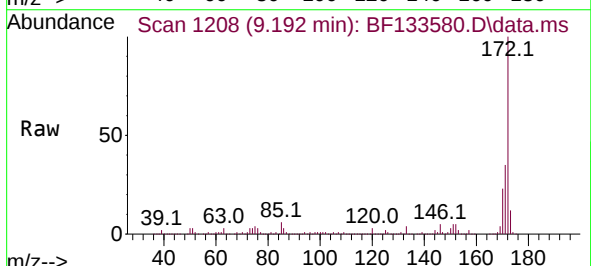
Tgt Ion: 330 Resp: 126479
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.6
141 31.9 26.6 40.0

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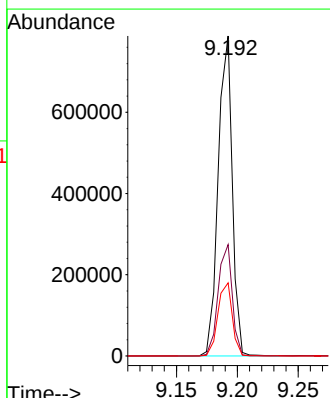
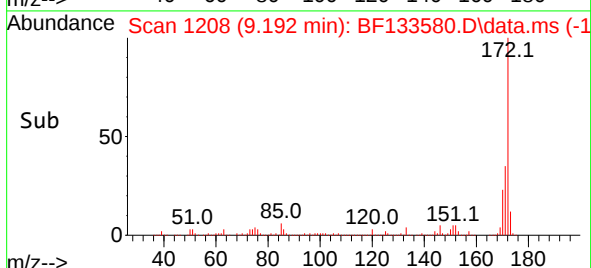
Reviewed By : Yogesh Patel 06/06/2023
Supervised By : mohammad ahmed 06/08/2023

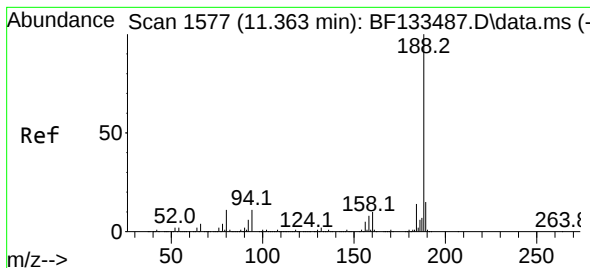


#45
2-Fluorobiphenyl
Concen: 46.588 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49



Tgt Ion: 172 Resp: 634270
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 22.8 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: BF133580.D

Acq: 05 Jun 2023 22:49

Instrument :

BNA_F

ClientSampleId :

SB24A

Tgt Ion:188 Resp: 36992

Ion Ratio Lower Upper

188 100

94 9.3 8.6 12.8

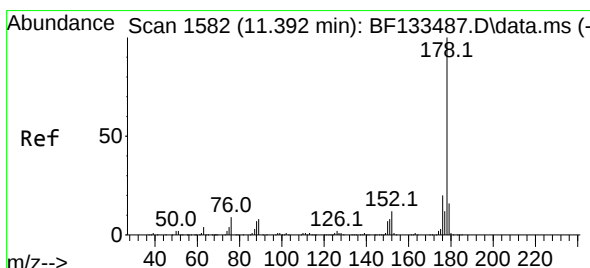
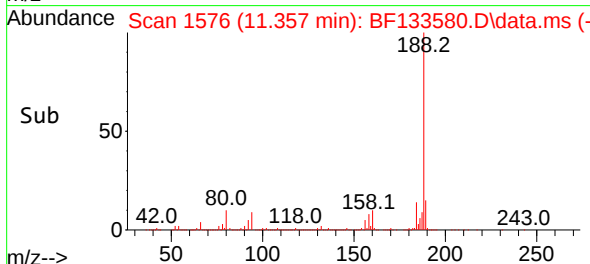
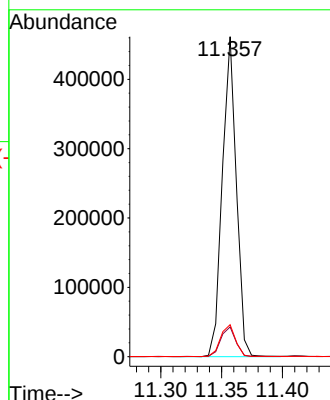
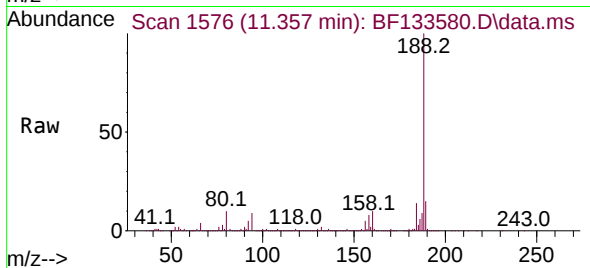
80 10.0 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#71

Phenanthrene

Concen: 3.502 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF133580.D

Acq: 05 Jun 2023 22:49

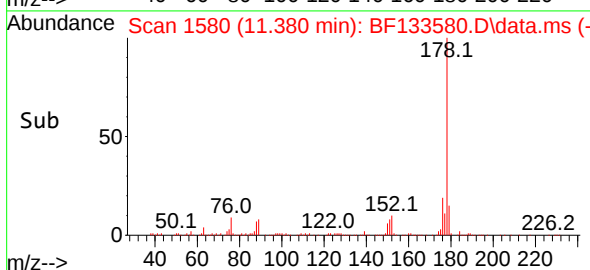
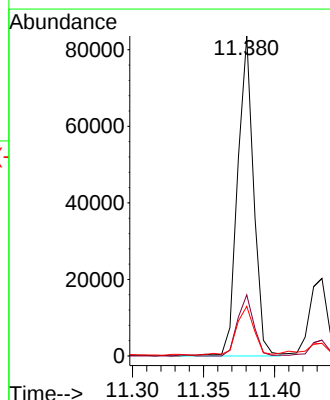
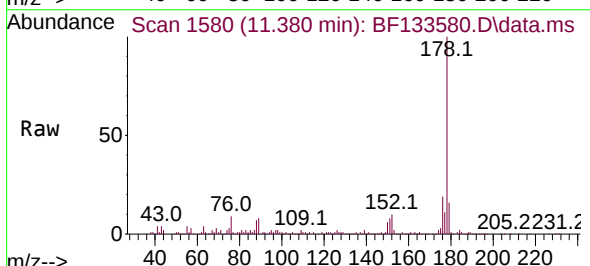
Tgt Ion:178 Resp: 65608

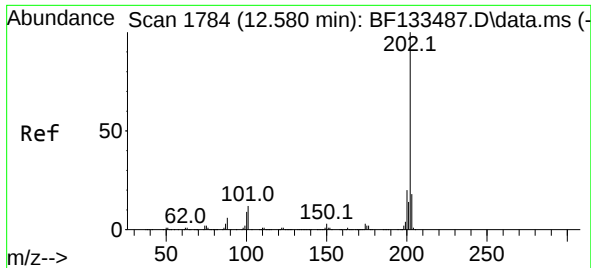
Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

179 15.5 12.4 18.6





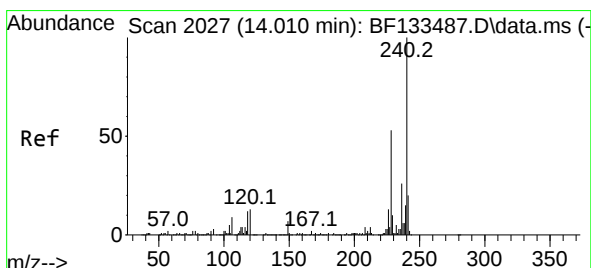
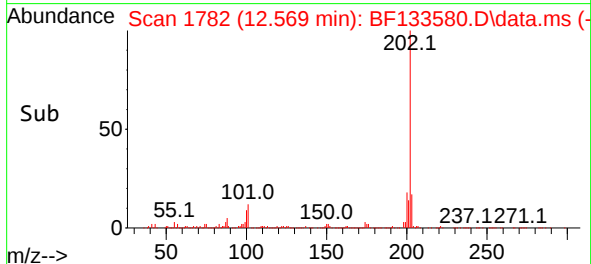
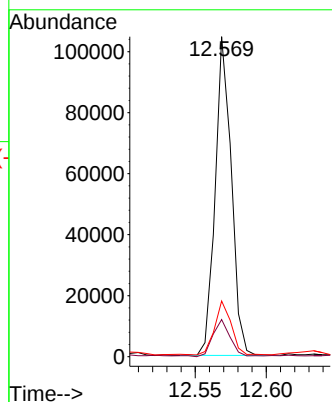
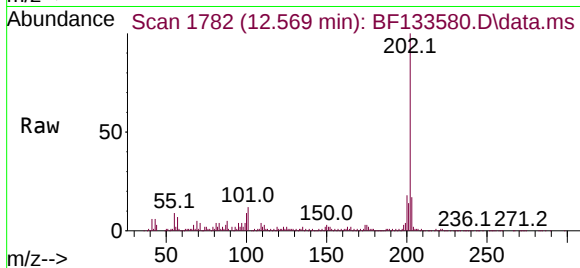
#75
Fluoranthene
Concen: 3.981 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49

Instrument :
BNA_F
ClientSampleId :
SB24A

Tgt Ion:202 Resp: 8238
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.2
203 17.4 0.0 37.8

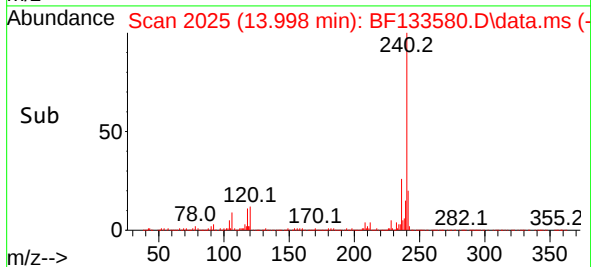
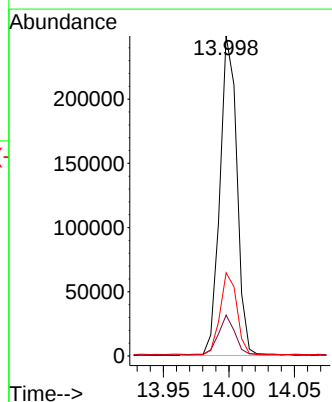
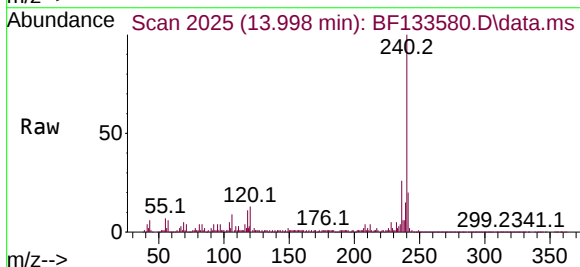
Manual Integrations
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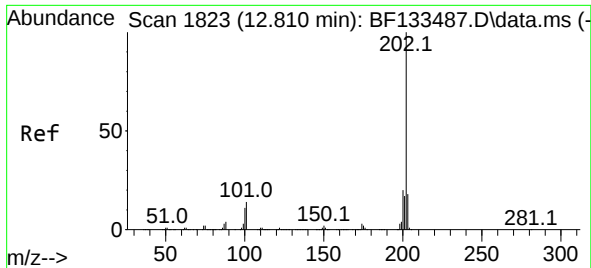
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49

Tgt Ion:240 Resp: 224516
Ion Ratio Lower Upper
240 100
120 12.7 10.3 15.5
236 26.0 20.5 30.7





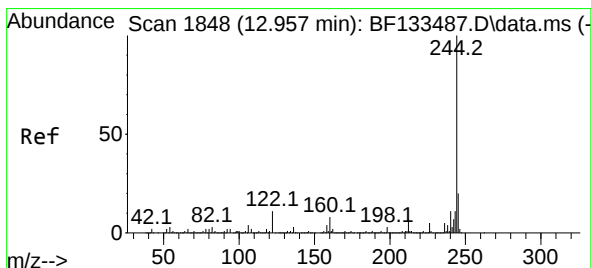
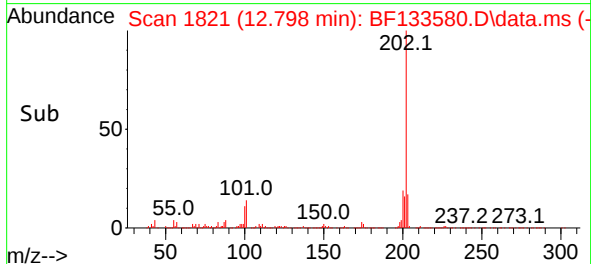
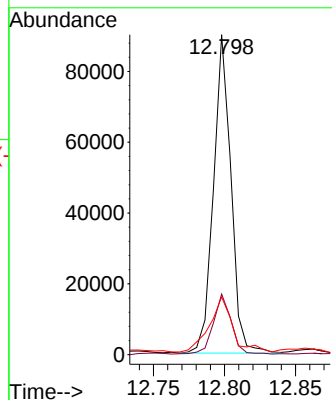
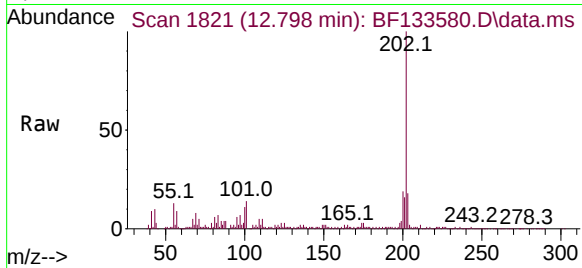
#78
Pyrene
Concen: 4.040 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49

Instrument :
BNA_F
ClientSampleId :
SB24A

Tgt Ion:202 Resp: 7718
Ion Ratio Lower Upper
202 100
200 18.9 16.3 24.5
203 18.0 14.3 21.5

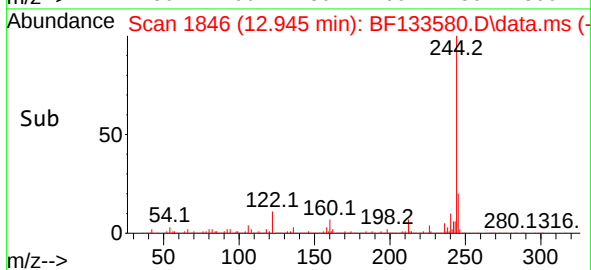
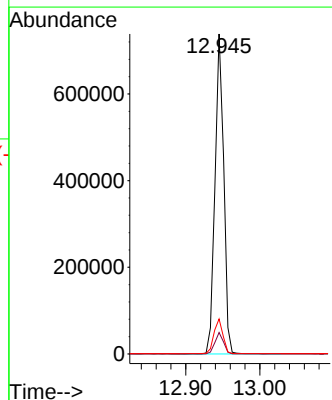
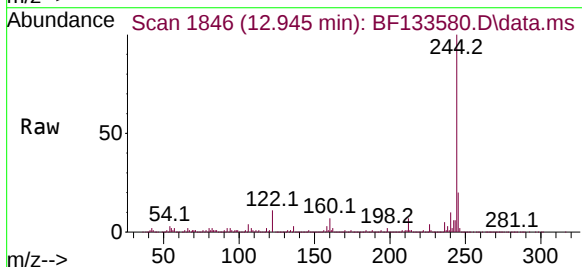
Manual Integrations
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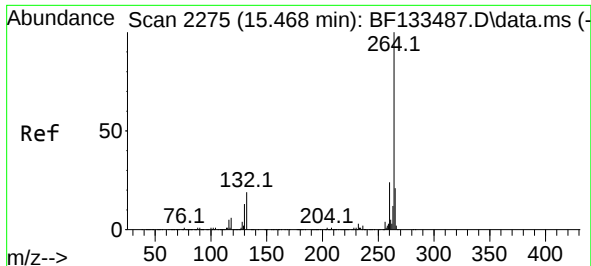
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#79
Terphenyl-d14
Concen: 47.558 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49

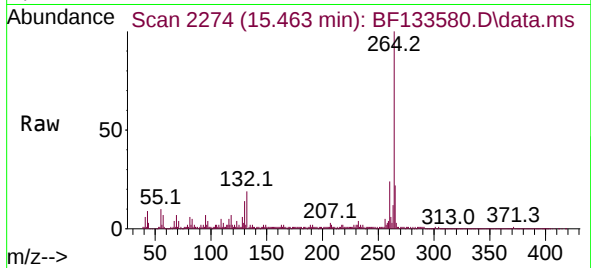
Tgt Ion:244 Resp: 600542
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 11.0 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49

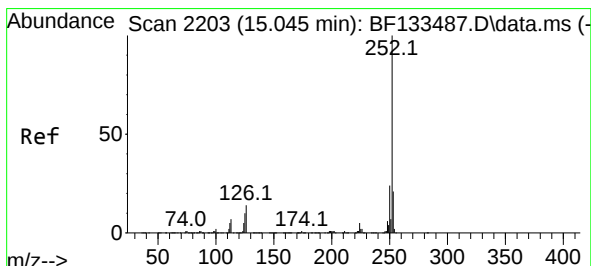
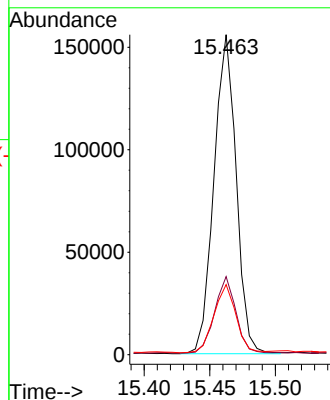
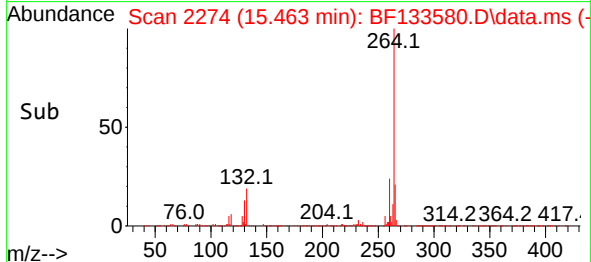
Instrument :
BNA_F
ClientSampleId :
SB24A



Tgt Ion:264 Resp: 18317
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 21.9 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: 2.226 ng m
RT: 15.033 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF133580.D
Acq: 05 Jun 2023 22:49

Tgt Ion:252 Resp: 26546
Ion Ratio Lower Upper
252 100
253 35.3 17.2 25.8#
125 26.9 8.1 12.1#

