

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF133999.D
 Acq On : 27 Jun 2023 19:36
 Operator : CG\JU
 Sample : 03402-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0623

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 01:30:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	98131	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	391063	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	153152	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	281898	20.000	ng	0.00
76) Chrysene-d12	14.039	240	174948	20.000	ng	0.00
86) Perylene-d12	15.545	264	145698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	559190	95.321	ng	0.00
7) Phenol-d6	6.487	99	642651	89.078	ng	0.00
23) Nitrobenzene-d5	7.410	82	428332	59.043	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	166848	86.890	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	805570	76.474	ng	0.00
79) Terphenyl-d14	12.980	244	651755	59.958	ng	0.00
Target Compounds						Qvalue
87) Indeno(1,2,3-cd)pyrene	17.086	276	26198m	2.591	ng	# 90 97
88) Benzo(b)fluoranthene	15.098	252	41065m	4.793	ng	
90) Benzo(a)pyrene	15.480	252	20010	2.415	ng	
92) Benzo(g,h,i)perylene	17.557	276	26525	3.115	ng	

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

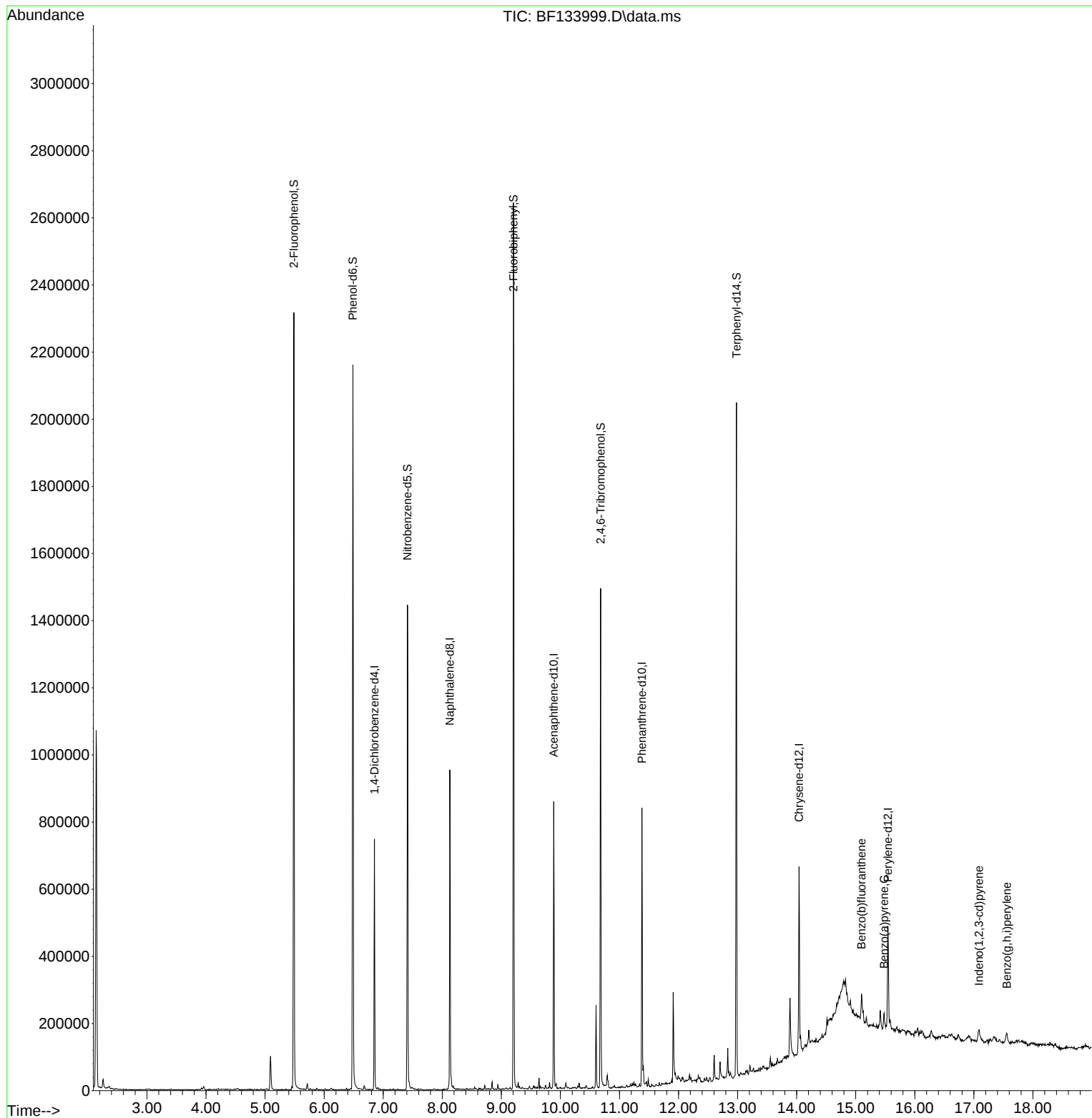
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF133999.D
Acq On : 27 Jun 2023 19:36
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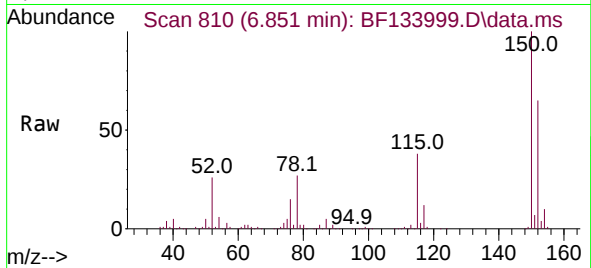
Quant Time: Jun 28 01:30:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 23:12:04 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

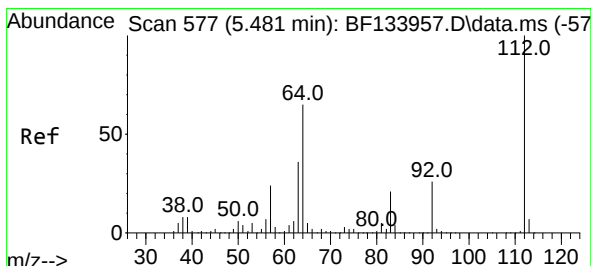
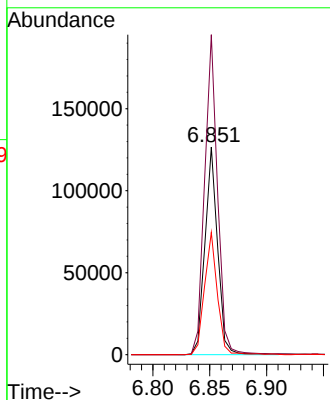
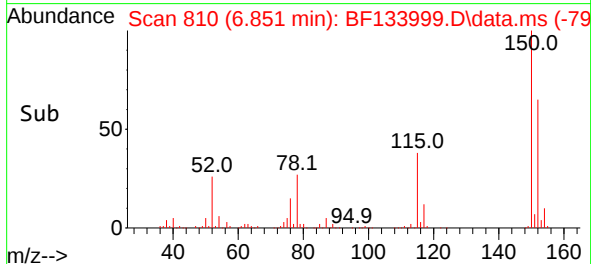
Instrument :
BNA_F
ClientSampleId :
TP2-0623



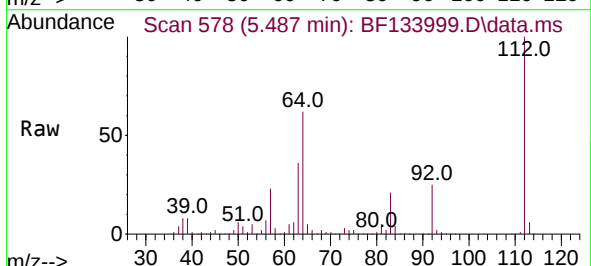
Tgt Ion:152 Resp: 9813
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 58.9 50.2 75.2

Manual Integrations
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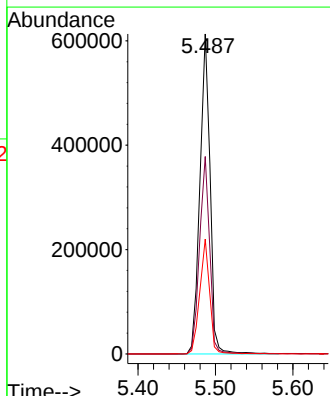
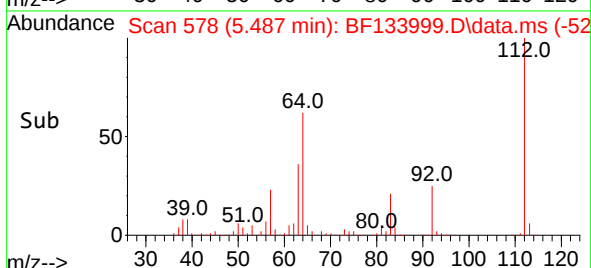
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

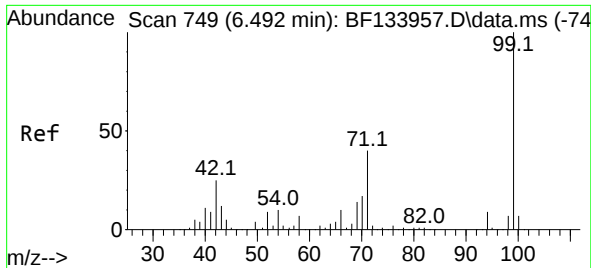


#5
2-Fluorophenol
Concen: 95.321 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36



Tgt Ion:112 Resp: 559190
Ion Ratio Lower Upper
112 100
64 61.7 52.1 78.1
63 35.9 28.6 42.8





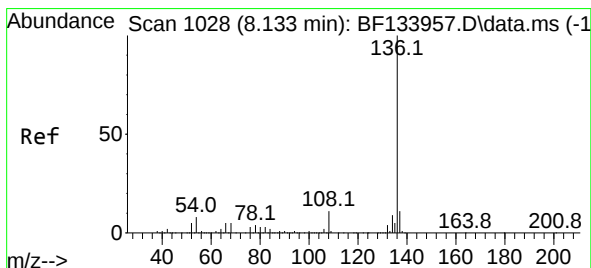
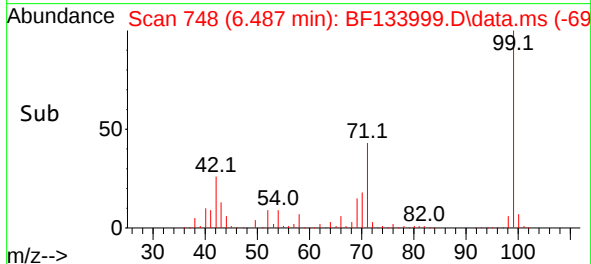
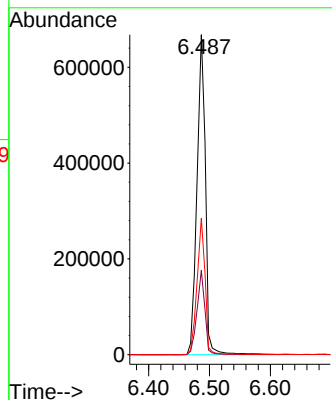
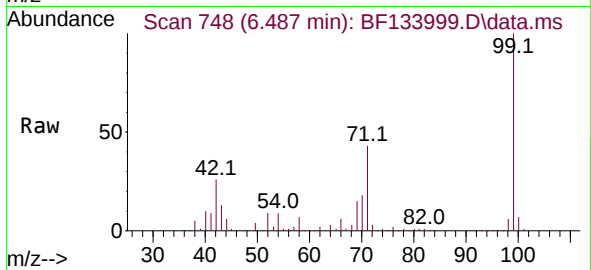
#7
Phenol-d6
Concen: 89.078 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Instrument :
BNA_F
ClientSampleId :
TP2-0623

Tgt Ion: 99 Resp: 64265
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.6
71 42.6 31.9 47.9

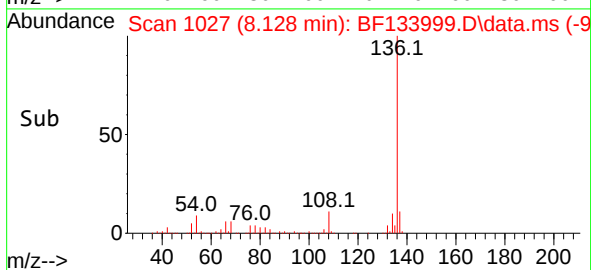
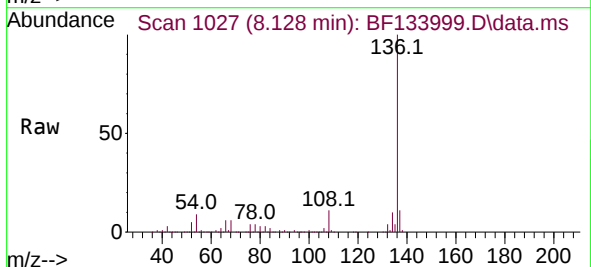
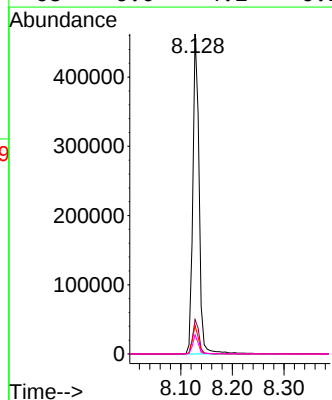
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Supervised By :mohammad ahmed 06/29/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion:136 Resp: 391063
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.9 6.5 9.7
68 6.0 4.2 6.2





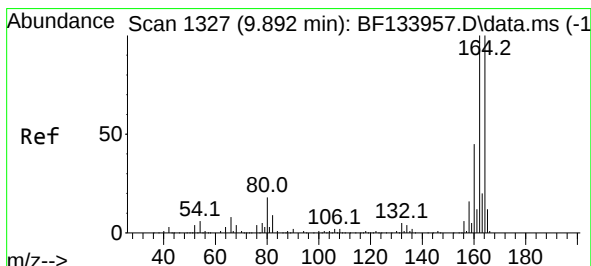
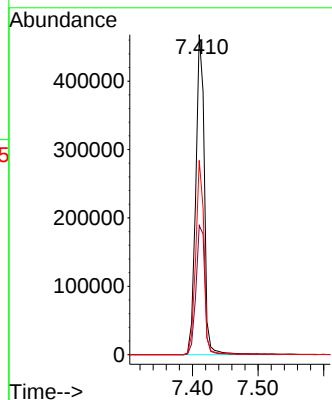
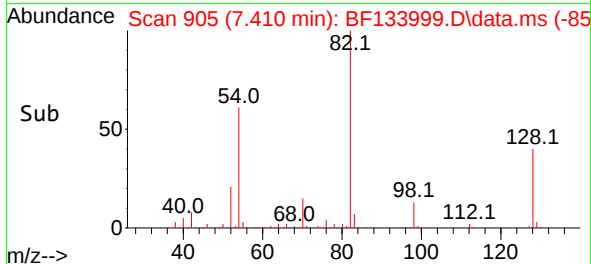
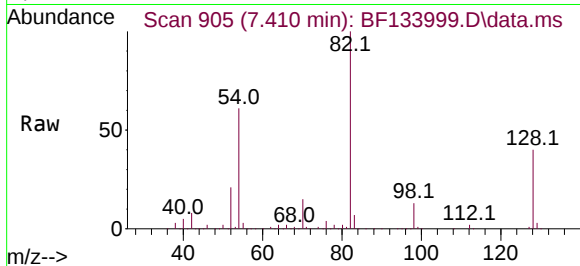
#23
Nitrobenzene-d5
Concen: 59.043 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Instrument :
BNA_F
ClientSampleId :
TP2-0623

Tgt Ion: 82 Resp: 428332
Ion Ratio Lower Upper
82 100
128 40.3 32.5 48.7
54 60.7 48.2 72.2

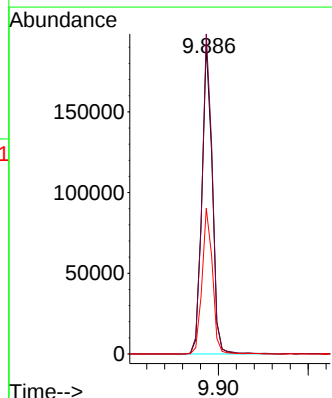
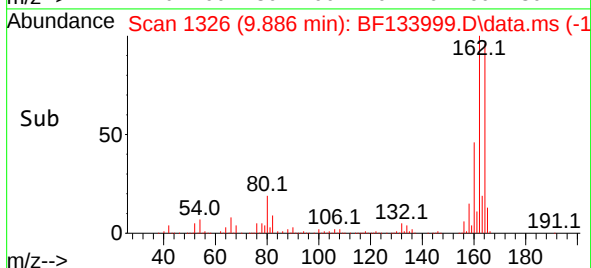
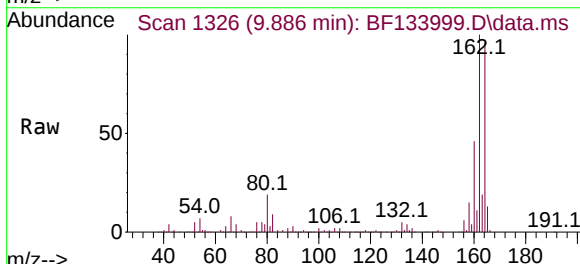
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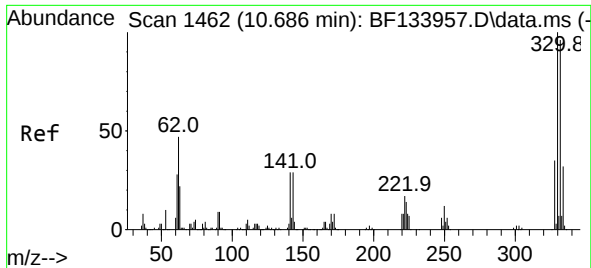
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion:164 Resp: 153152
Ion Ratio Lower Upper
164 100
162 103.8 80.0 120.0
160 47.2 35.9 53.9





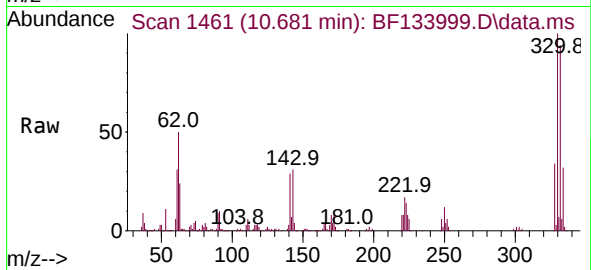
#42
2,4,6-Tribromophenol
Concen: 86.890 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Instrument :

BNA_F

ClientSampleId :

TP2-0623



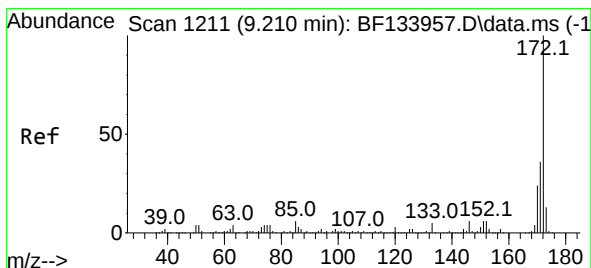
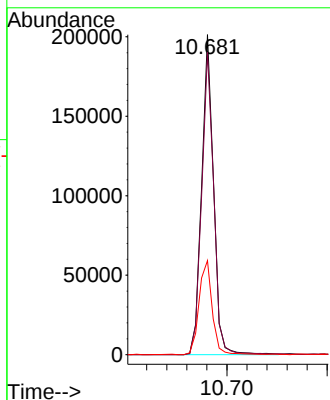
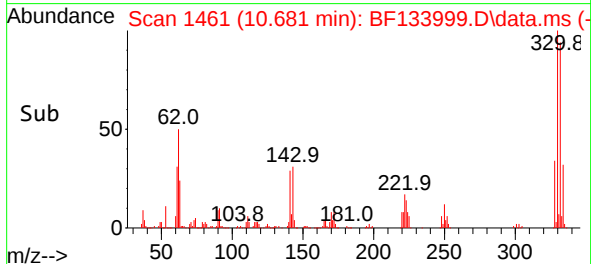
Tgt Ion: 330 Resp: 166848
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 32.4 26.3 39.5

Manual Integrations

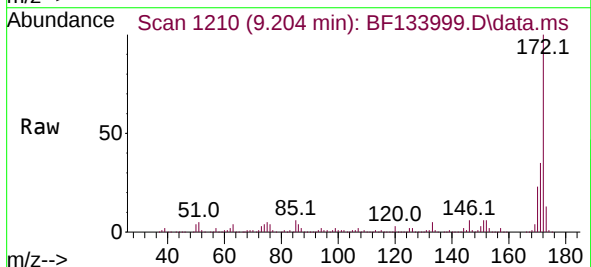
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Reviewed By : Yogesh Patel 06/28/2023

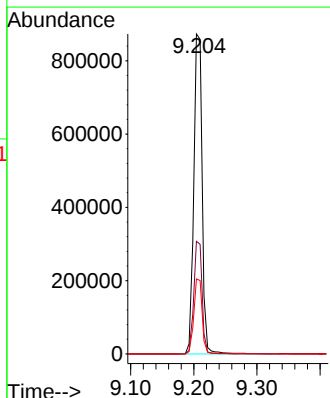
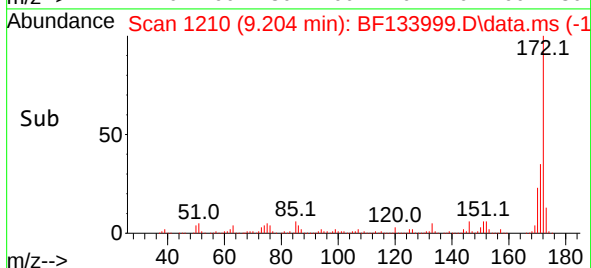
Supervised By : mohammad ahmed 06/29/2023

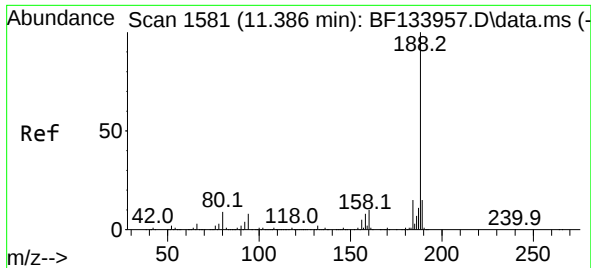


#45
2-Fluorobiphenyl
Concen: 76.474 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36



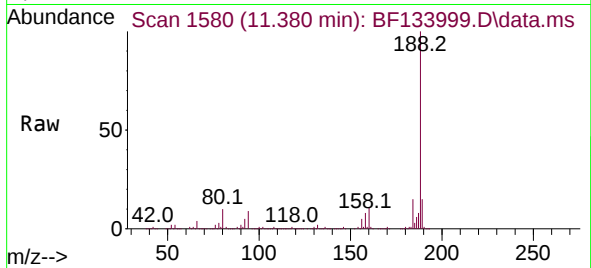
Tgt Ion: 172 Resp: 805570
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11380
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

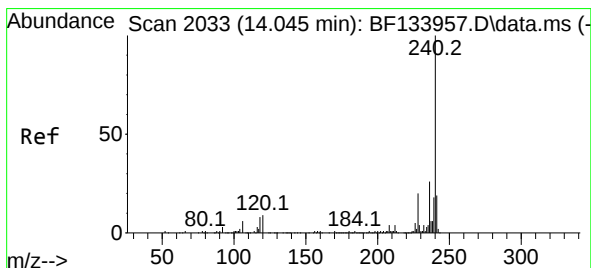
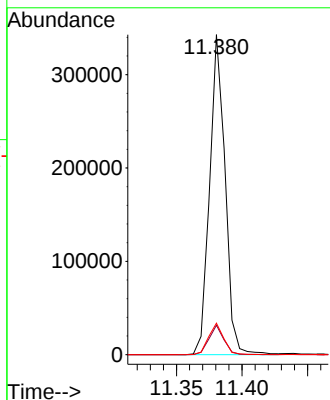
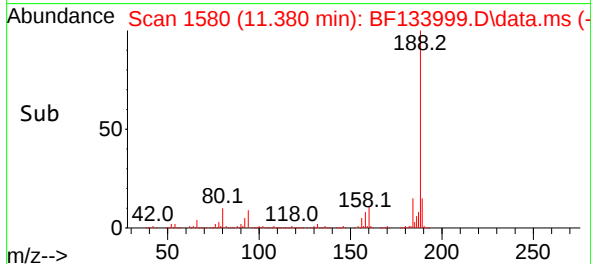
Instrument :
BNA_F
ClientSampleId :
TP2-0623



Tgt Ion:188 Resp: 281898
Ion Ratio Lower Upper
188 100
94 9.2 6.4 9.6
80 9.8 7.3 10.9

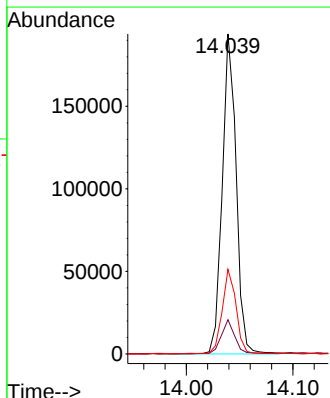
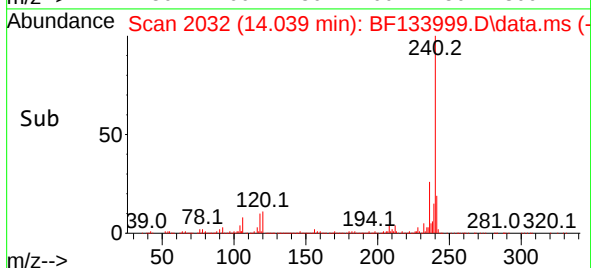
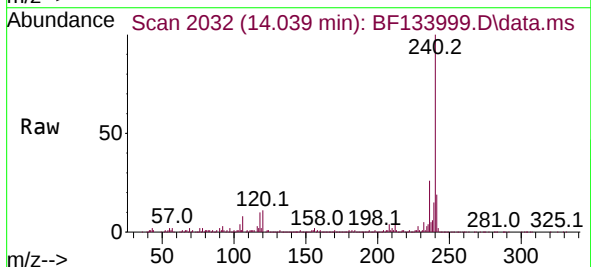
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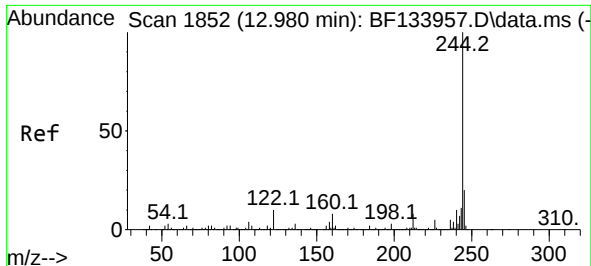
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

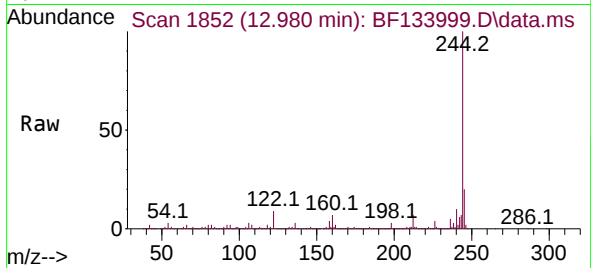
Tgt Ion:240 Resp: 174948
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 26.4 21.0 31.6





#79
 Terphenyl-d14
 Concen: 59.958 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF133999.D
 Acq: 27 Jun 2023 19:36

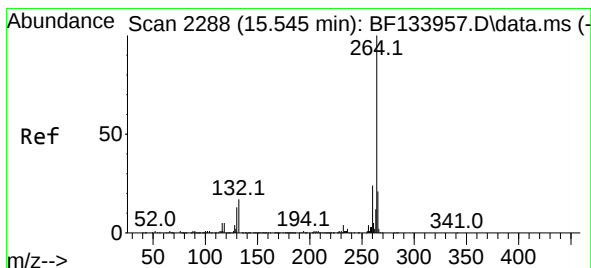
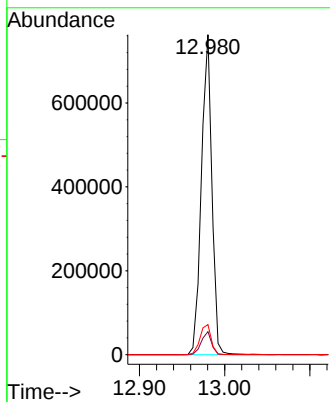
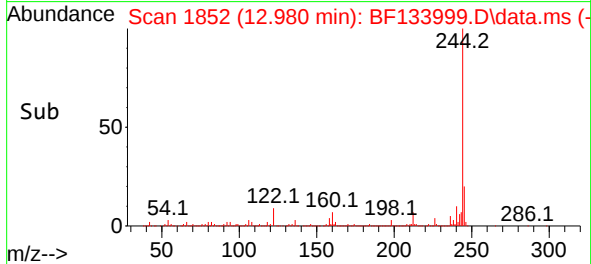
Instrument :
 BNA_F
 ClientSampleId :
 TP2-0623



Tgt Ion:244 Resp: 65175
 Ion Ratio Lower Upper
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 212 7.2 6.0 9.0
 122 9.4 8.3 12.5

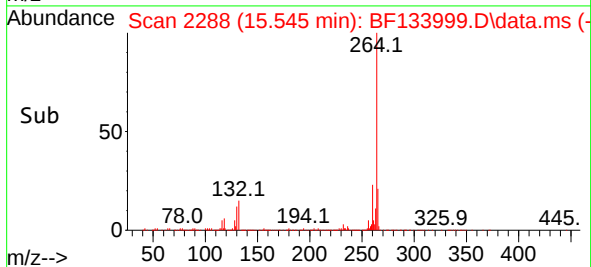
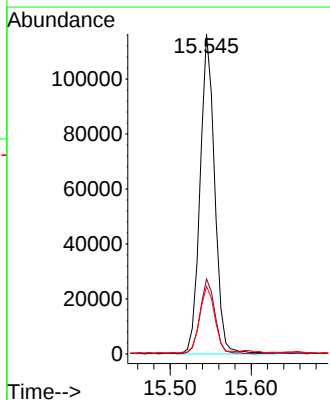
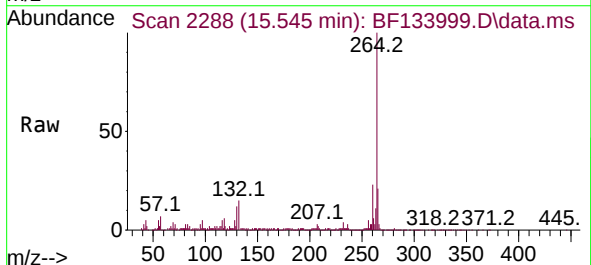
Manual Integrations
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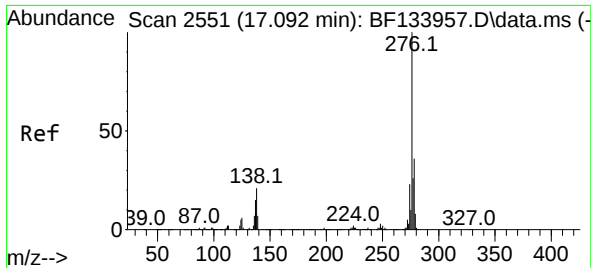
Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/29/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF133999.D
 Acq: 27 Jun 2023 19:36

Tgt Ion:264 Resp: 145698
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.1 16.6 25.0





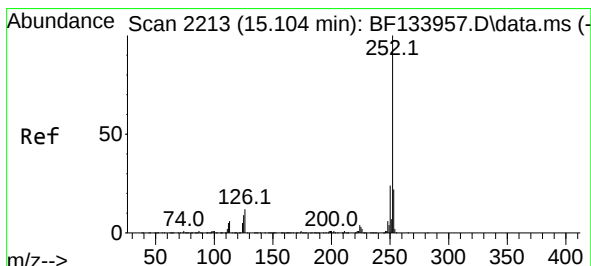
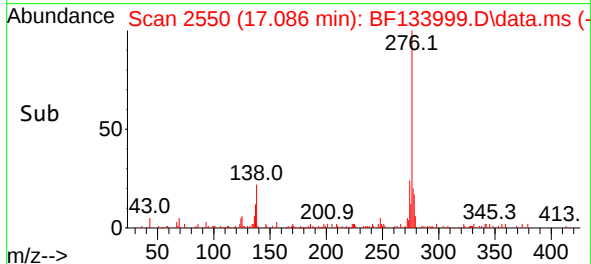
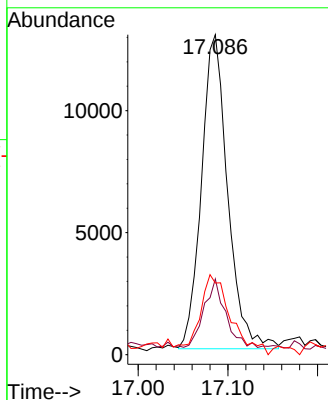
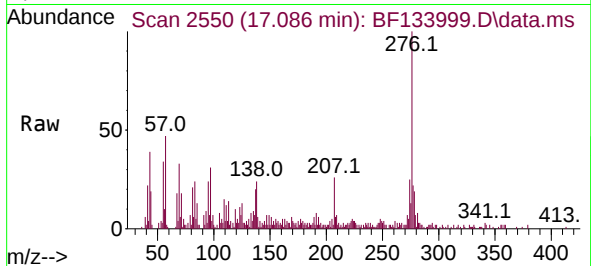
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.591 ng m
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Instrument :
BNA_F
ClientSampleId :
TP2-0623

Tgt Ion:276 Resp: 26198
Ion Ratio Lower Upper
276 100
138 0.9 18.7 28.1
277 0.9 19.9 29.9

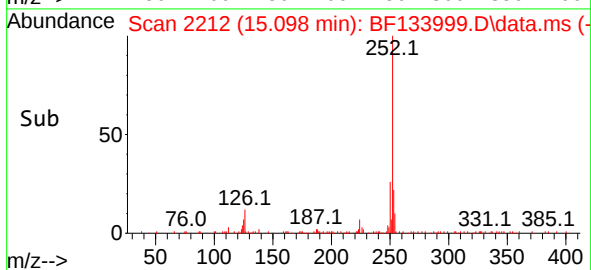
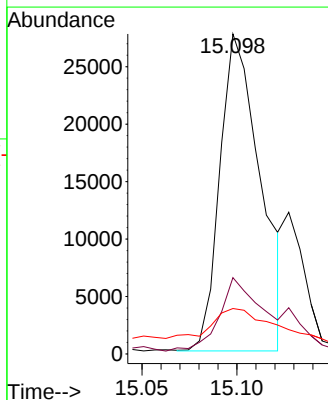
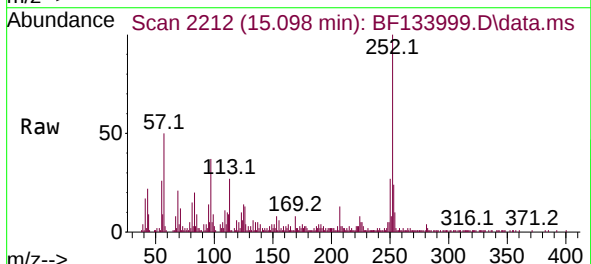
Manual Integrations
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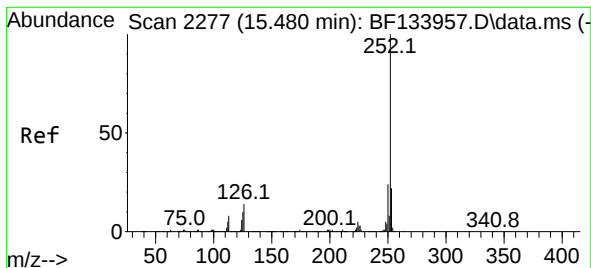
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#88
Benzo(b)fluoranthene
Concen: 4.793 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion:252 Resp: 41065
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 14.2 7.1 10.7





#90

Benzo(a)pyrene

Concen: 2.415 ng

RT: 15.480 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF133999.D

Acq: 27 Jun 2023 19:36

Instrument :

BNA_F

ClientSampleId :

TP2-0623

Tgt Ion:252 Resp: 20010

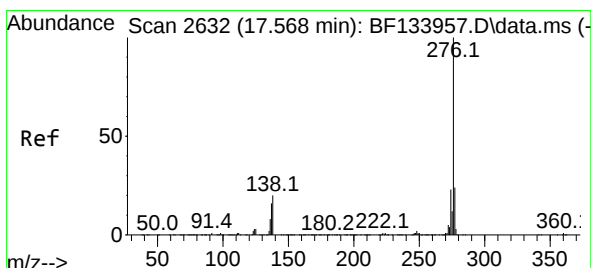
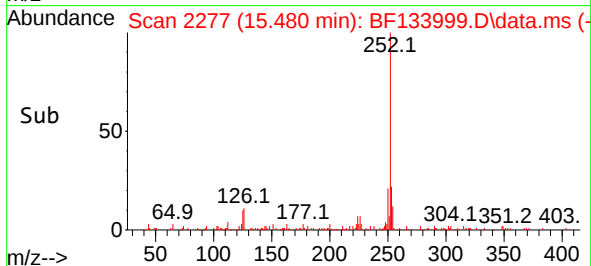
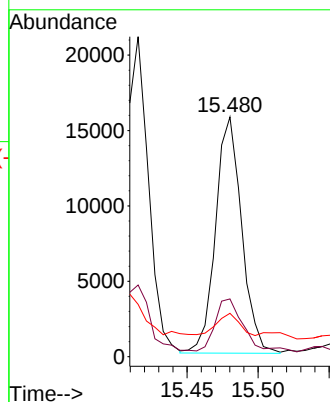
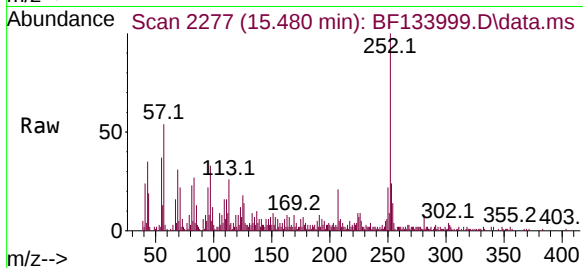
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	18.1	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#92

Benzo(g,h,i)perylene

Concen: 3.115 ng

RT: 17.557 min Scan# 2630

Delta R.T. -0.012 min

Lab File: BF133999.D

Acq: 27 Jun 2023 19:36

Tgt Ion:276 Resp: 26525

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.0	28.6
138	18.9	16.2	24.2

