

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF133994.D
 Acq On : 27 Jun 2023 16:45
 Operator : CG\JU
 Sample : 03357-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-04

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 19:13:14 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	101771	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	374282	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	158052	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	219884	20.000	ng	# 0.01
76) Chrysene-d12	14.121	240	132453	20.000	ng	# 0.08
86) Perylene-d12	15.586	264	119735	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	429816	70.647	ng	0.00
7) Phenol-d6	6.487	99	532387	71.155	ng	0.00
23) Nitrobenzene-d5	7.410	82	346734	49.938	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	114415	57.737	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	623678	57.371	ng	0.00
79) Terphenyl-d14	13.039	244	334346	40.626	ng	0.06
Target Compounds						Qvalue
78) Pyrene	12.892	202	26071	2.115	ng	# 43
83) Chrysene	14.145	228	22793m	2.562	ng	
88) Benzo(b)fluoranthene	15.139	252	18348m	2.606	ng	

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

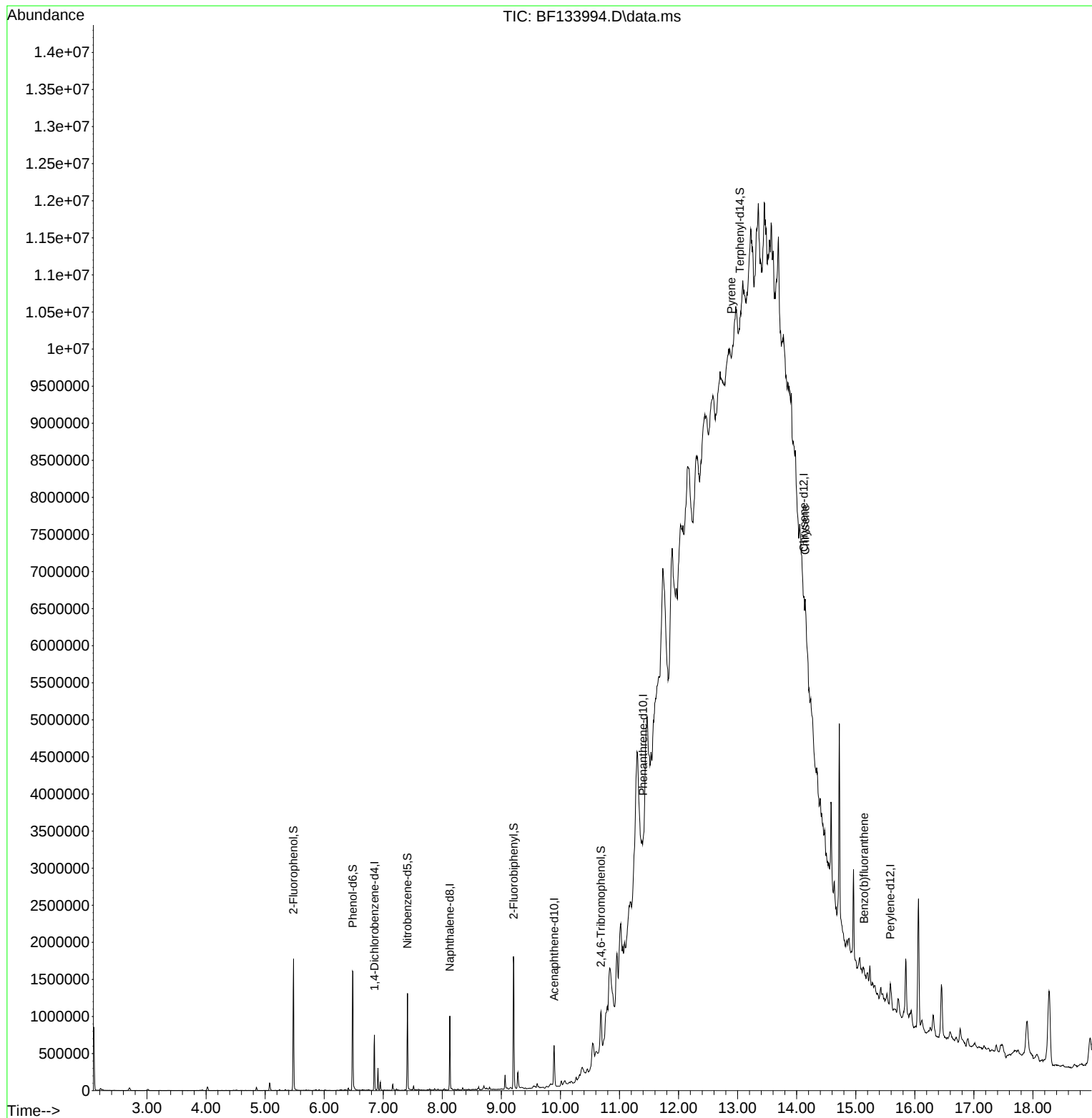
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF133994.D
Acq On : 27 Jun 2023 16:45
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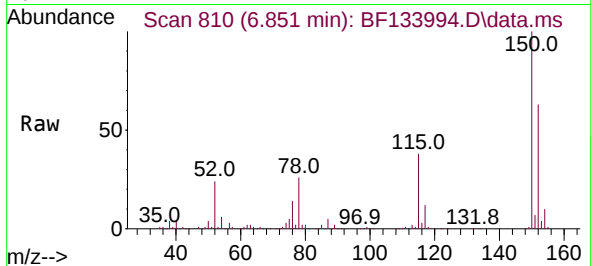
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133994.D
Acq: 27 Jun 2023 16:45

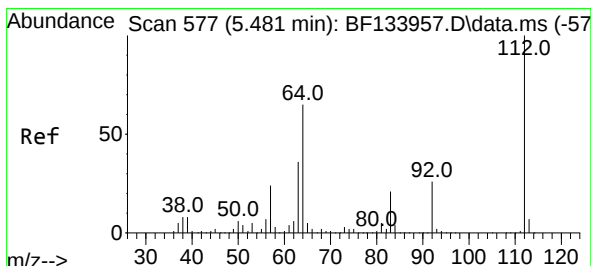
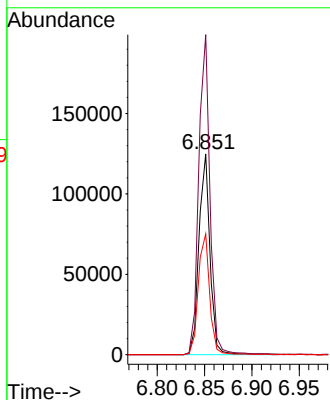
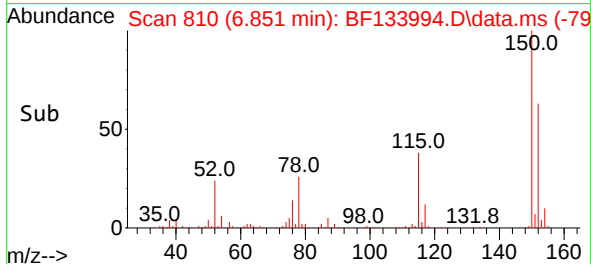
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-04



Tgt Ion:152 Resp: 10177
Ion Ratio Lower Upper
152 100
150 159.4 124.5 186.7
115 60.2 50.2 75.2

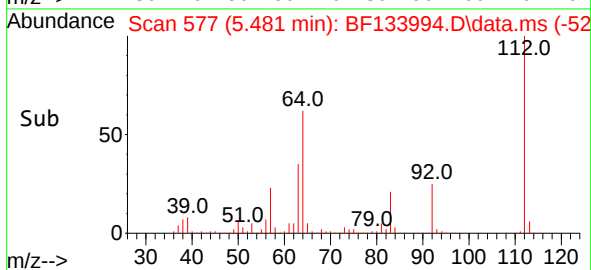
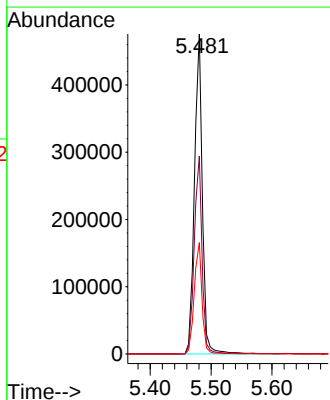
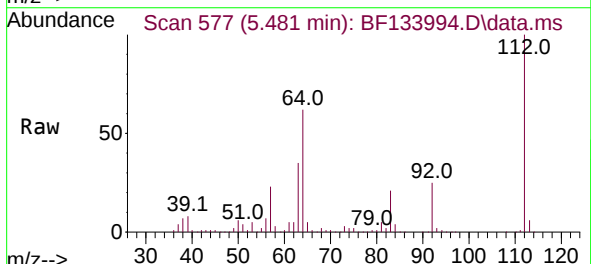
Manual Integrations
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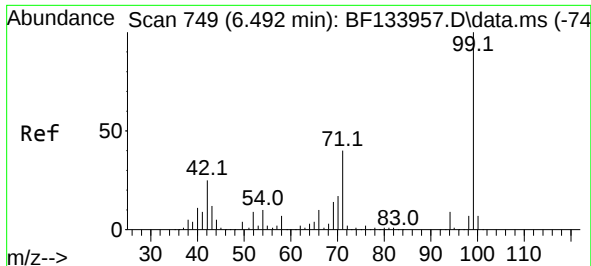
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#5
2-Fluorophenol
Concen: 70.647 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF133994.D
Acq: 27 Jun 2023 16:45

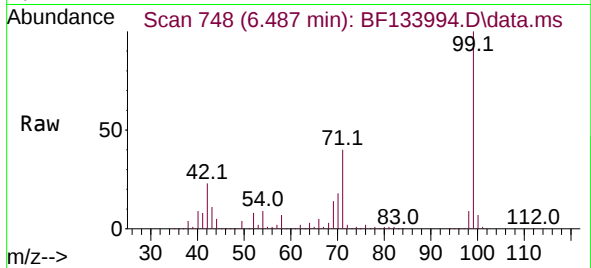
Tgt Ion:112 Resp: 429816
Ion Ratio Lower Upper
112 100
64 61.9 52.1 78.1
63 34.8 28.6 42.8





#7
Phenol-d6
Concen: 71.155 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133994.D
Acq: 27 Jun 2023 16:45

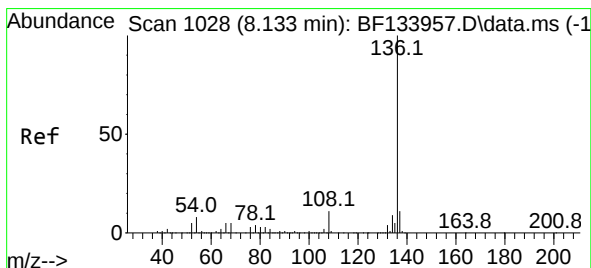
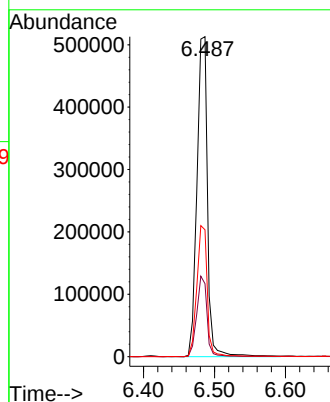
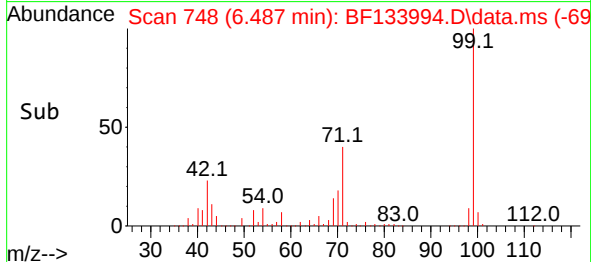
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-04



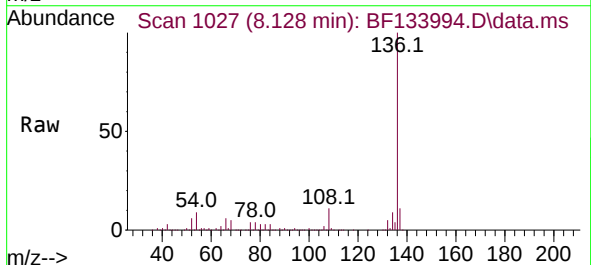
Tgt Ion: 99 Resp: 53238
Ion Ratio Lower Upper
99 100
42 22.8 19.8 29.6
71 39.7 31.9 47.9

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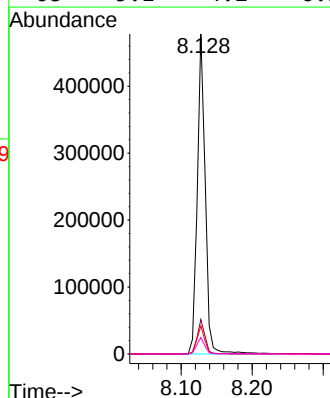
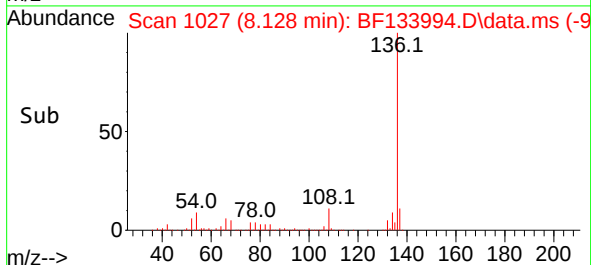
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133994.D
Acq: 27 Jun 2023 16:45



Tgt Ion:136 Resp: 374282
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.8 6.5 9.7
68 5.1 4.2 6.2





#23
Nitrobenzene-d5
Concen: 49.938 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF133994.D
Acq: 27 Jun 2023 16:45

Instrument :

BNA_F

ClientSampleId :

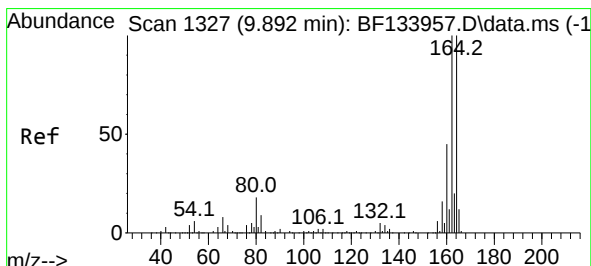
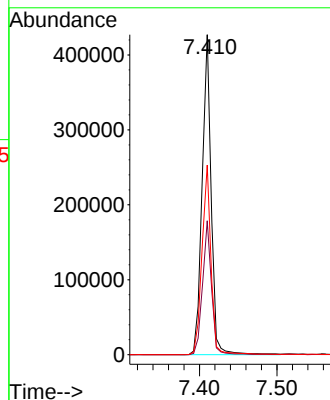
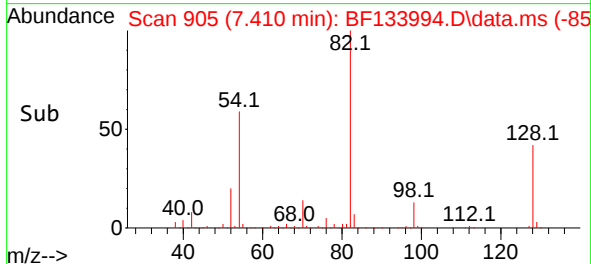
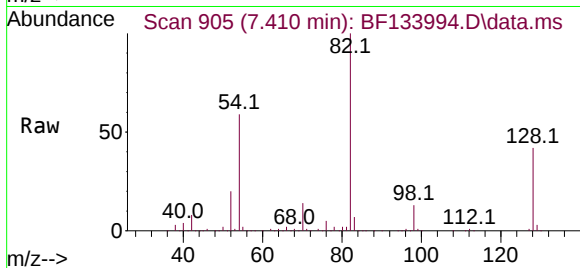
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Tgt Ion: 82 Resp: 346734
Ion Ratio Lower Upper
82 100
128 41.9 32.5 48.7
54 59.3 48.2 72.2

Manual Integrations

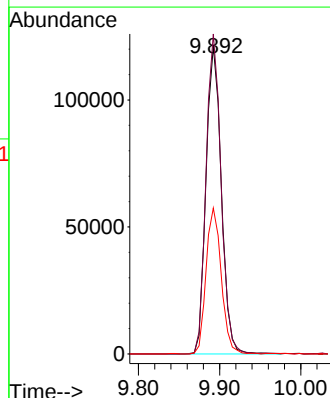
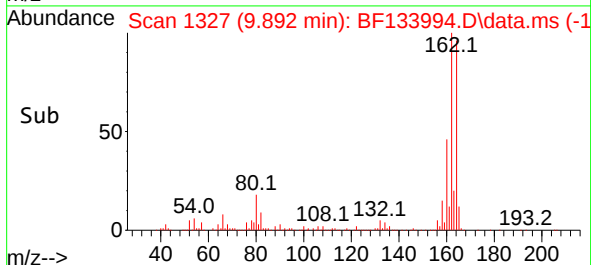
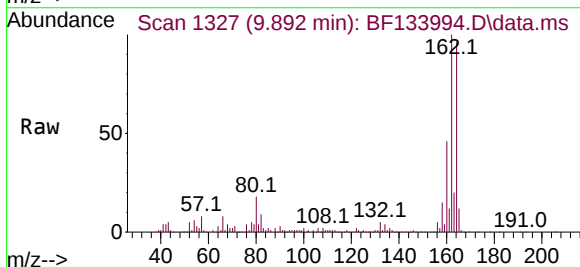
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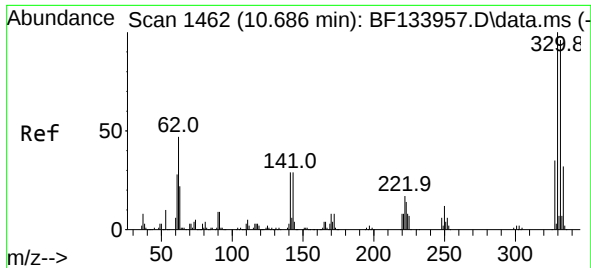
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF133994.D
Acq: 27 Jun 2023 16:45

Tgt Ion:164 Resp: 158052
Ion Ratio Lower Upper
164 100
162 104.0 80.0 120.0
160 47.4 35.9 53.9





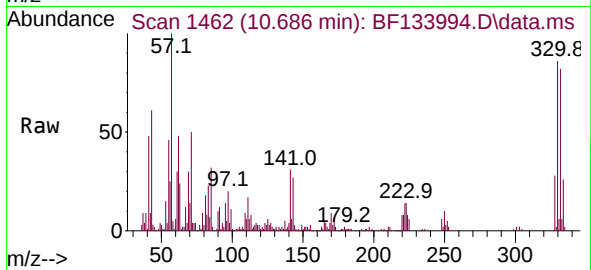
#42
2,4,6-Tribromophenol
Concen: 57.737 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF133994.D
Acq: 27 Jun 2023 16:45

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-04

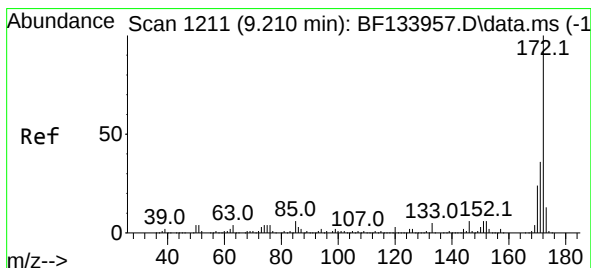
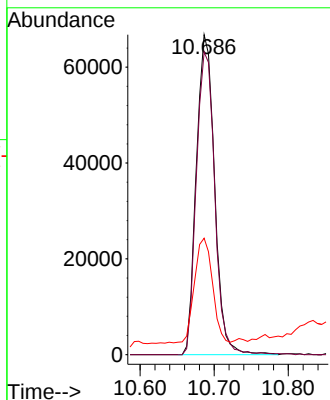
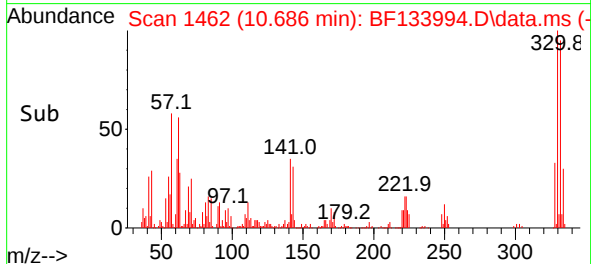


Tgt Ion: 330 Resp: 114415
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 32.1 26.3 39.5

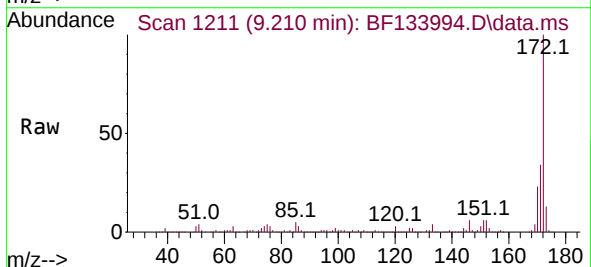
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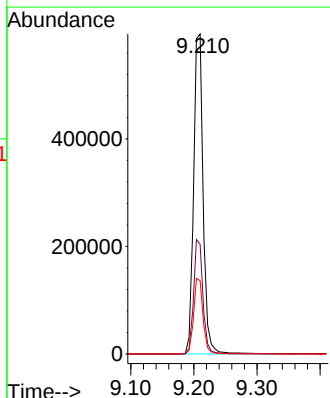
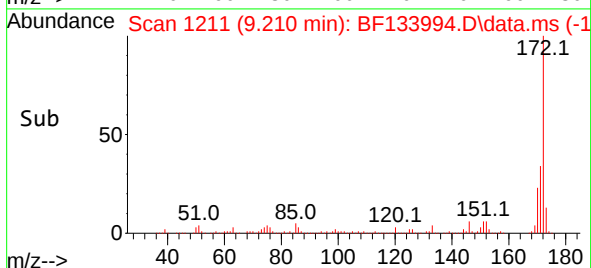
Reviewed By : Yogesh Patel 06/28/2023
Supervised By : mohammad ahmed 06/29/2023

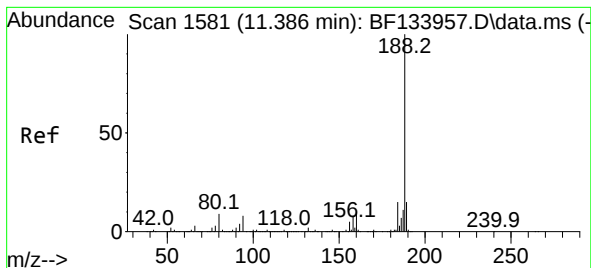


#45
2-Fluorobiphenyl
Concen: 57.371 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF133994.D
Acq: 27 Jun 2023 16:45



Tgt Ion: 172 Resp: 623678
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 22.9 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF133994.D

Acq: 27 Jun 2023 16:45

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-04

Tgt Ion:188 Resp: 219884

Ion Ratio Lower Upper

188 100

94 14.2 6.4 9.6

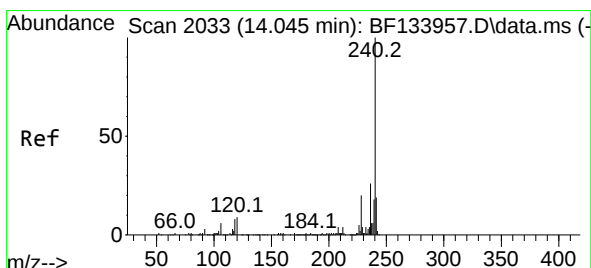
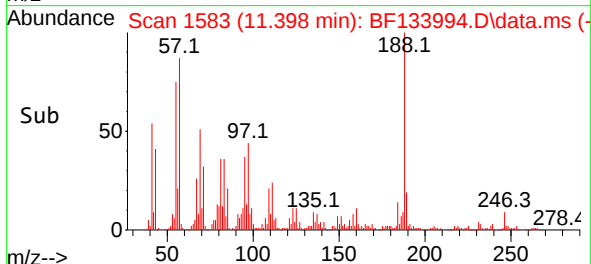
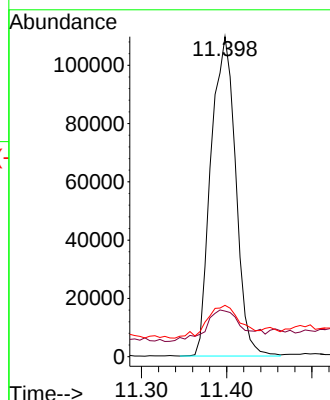
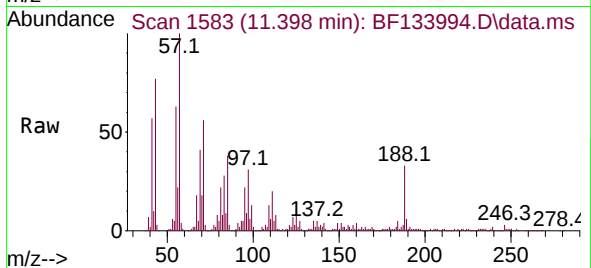
80 16.1 7.3 10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2046

Delta R.T. 0.077 min

Lab File: BF133994.D

Acq: 27 Jun 2023 16:45

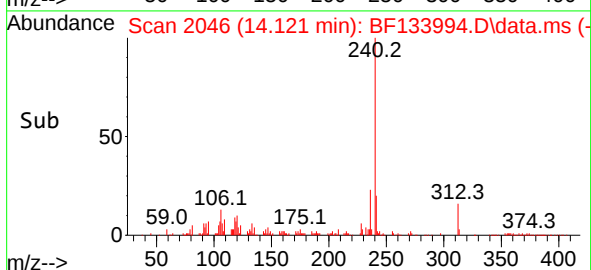
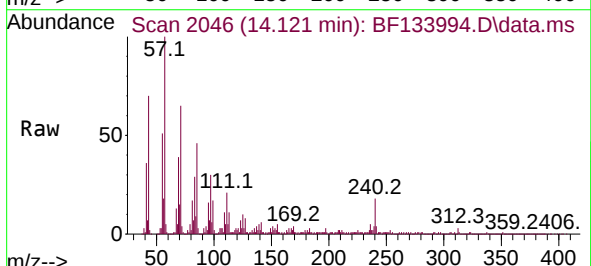
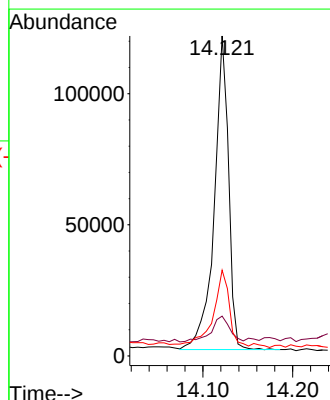
Tgt Ion:240 Resp: 132453

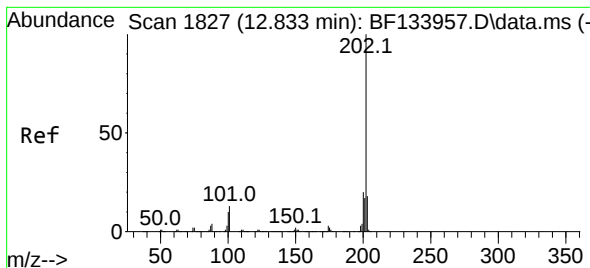
Ion Ratio Lower Upper

240 100

120 12.5 7.4 11.0

236 26.8 21.0 31.6





#78

Pyrene

Concen: 2.115 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.059 min

Lab File: BF133994.D

Acq: 27 Jun 2023 16:45

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-04

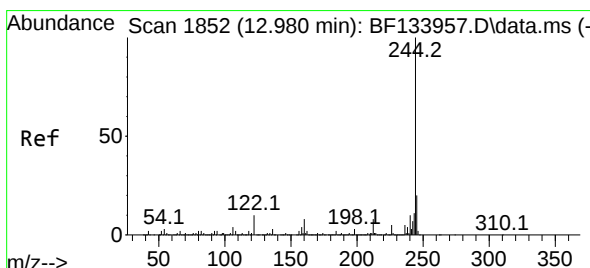
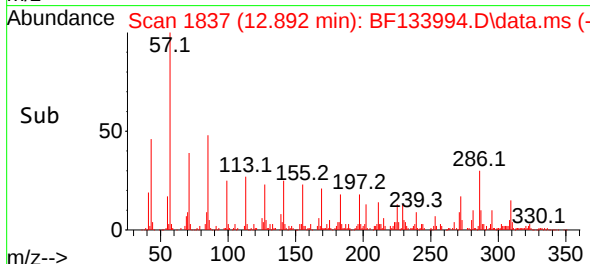
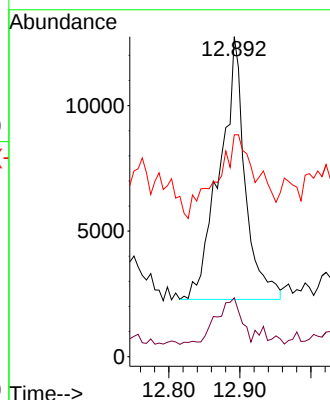
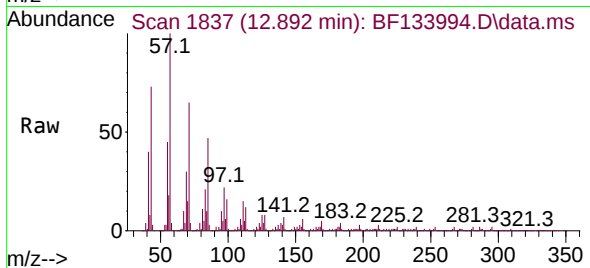
Tgt Ion:	202	Resp:	2607
Ion Ratio	Lower	Upper	
202	100		
200	18.4	16.1	24.1
203	69.4	14.3	21.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#79

Terphenyl-d14

Concen: 40.626 ng

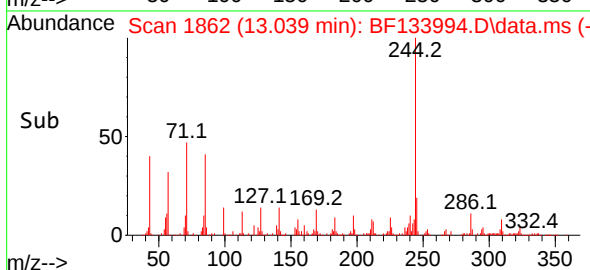
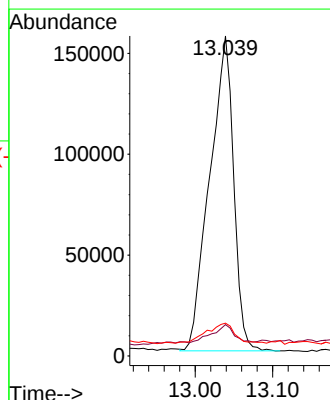
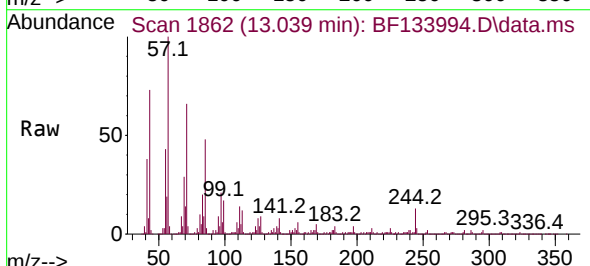
RT: 13.039 min Scan# 1862

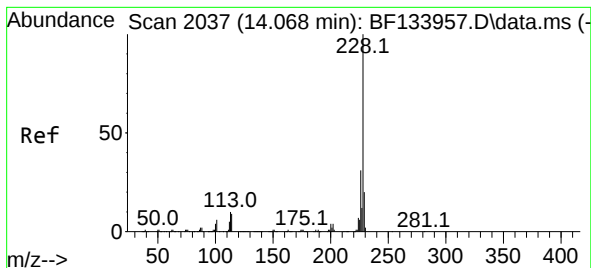
Delta R.T. 0.059 min

Lab File: BF133994.D

Acq: 27 Jun 2023 16:45

Tgt Ion:	244	Resp:	334346
Ion Ratio	Lower	Upper	
244	100		
212	9.8	6.0	9.0
122	10.3	8.3	12.5





#83

Chrysene

Concen: 2.562 ng m

RT: 14.145 min Scan# 2037

Delta R.T. 0.077 min

Lab File: BF133994.D

Acq: 27 Jun 2023 16:45

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-04

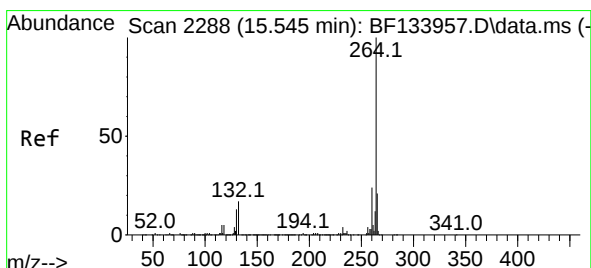
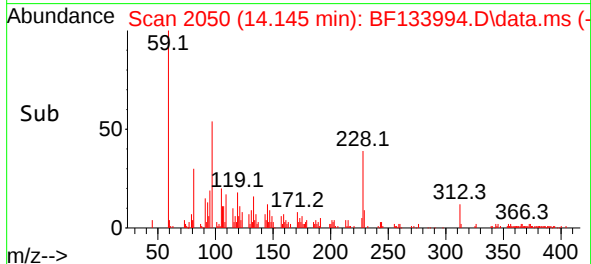
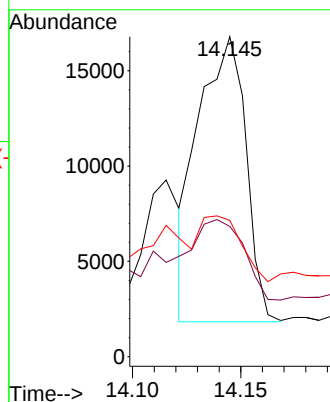
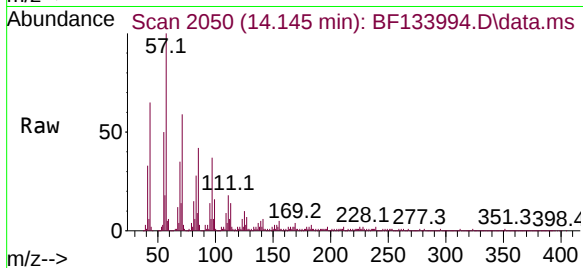
Tgt Ion:228	Resp:	2279
Ion Ratio	Lower	Upper
228	100	
226	40.7	24.4 36.6
229	42.6	16.1 24.1

Manual Integrations

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#86

Perylene-d12

Concen: 20.000 ng

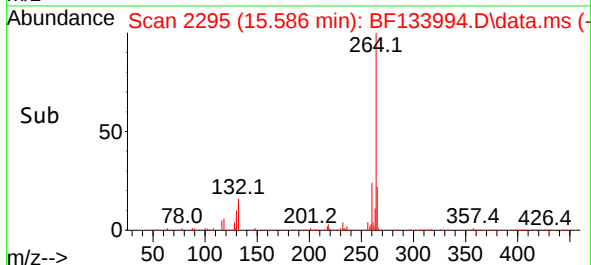
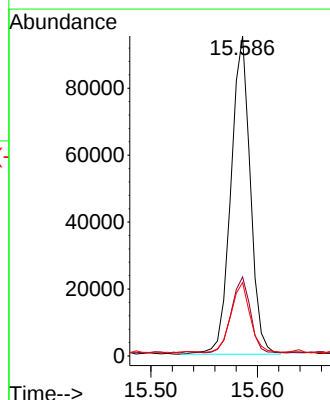
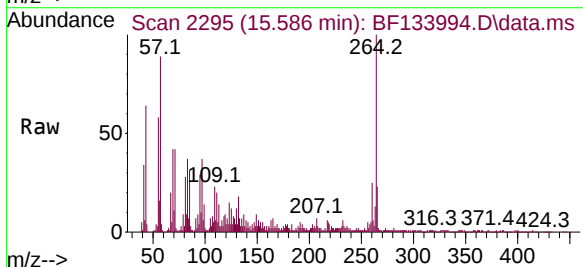
RT: 15.586 min Scan# 2295

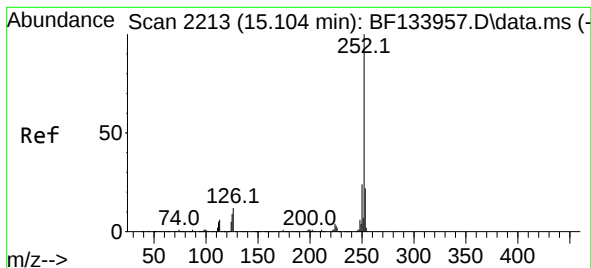
Delta R.T. 0.041 min

Lab File: BF133994.D

Acq: 27 Jun 2023 16:45

Tgt Ion:264	Resp:	119735
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.5 29.3
265	23.0	16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 2.606 ng m

RT: 15.139 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF133994.D

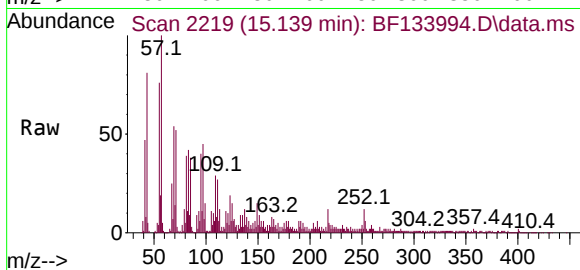
Acq: 27 Jun 2023 16:45

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-04



Tgt Ion:252 Resp: 1834

Ion Ratio Lower Upper

252 100

253 51.9 17.4 26.0

125 125.0 7.1 10.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023

