

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137993.D
 Acq On : 21 May 2024 22:46
 Operator : CG\JU
 Sample : P2539-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPP

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 22 01:33:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.033	152	153697	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	582401	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	293554	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	403843	20.000	ng	0.00
76) Chrysene-d12	14.227	240	321745	20.000	ng	0.00
86) Perylene-d12	15.786	264	221111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	386299	42.693	ng	-0.01
7) Phenol-d6	6.639	99	484336	43.454	ng	-0.02
23) Nitrobenzene-d5	7.592	82	277899	28.081	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	105125	35.516	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	608827	31.947	ng	0.00
79) Terphenyl-d14	13.157	244	502854	23.034	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.598	178	115197	5.788	ng	99
75) Fluoranthene	12.792	202	72382	3.583	ng	99
78) Pyrene	13.021	202	138825	4.933	ng	98
81) Benzo(a)anthracene	14.215	228	44121m	2.168	ng	
83) Chrysene	14.251	228	57692	2.963	ng	95
87) Indeno(1,2,3-cd)pyrene	17.403	276	40047	2.819	ng	98
88) Benzo(b)fluoranthene	15.315	252	104210m	8.140	ng	
90) Benzo(a)pyrene	15.715	252	72505	6.632	ng	# 93
92) Benzo(g,h,i)perylene	17.897	276	41184	3.340	ng	# 95

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

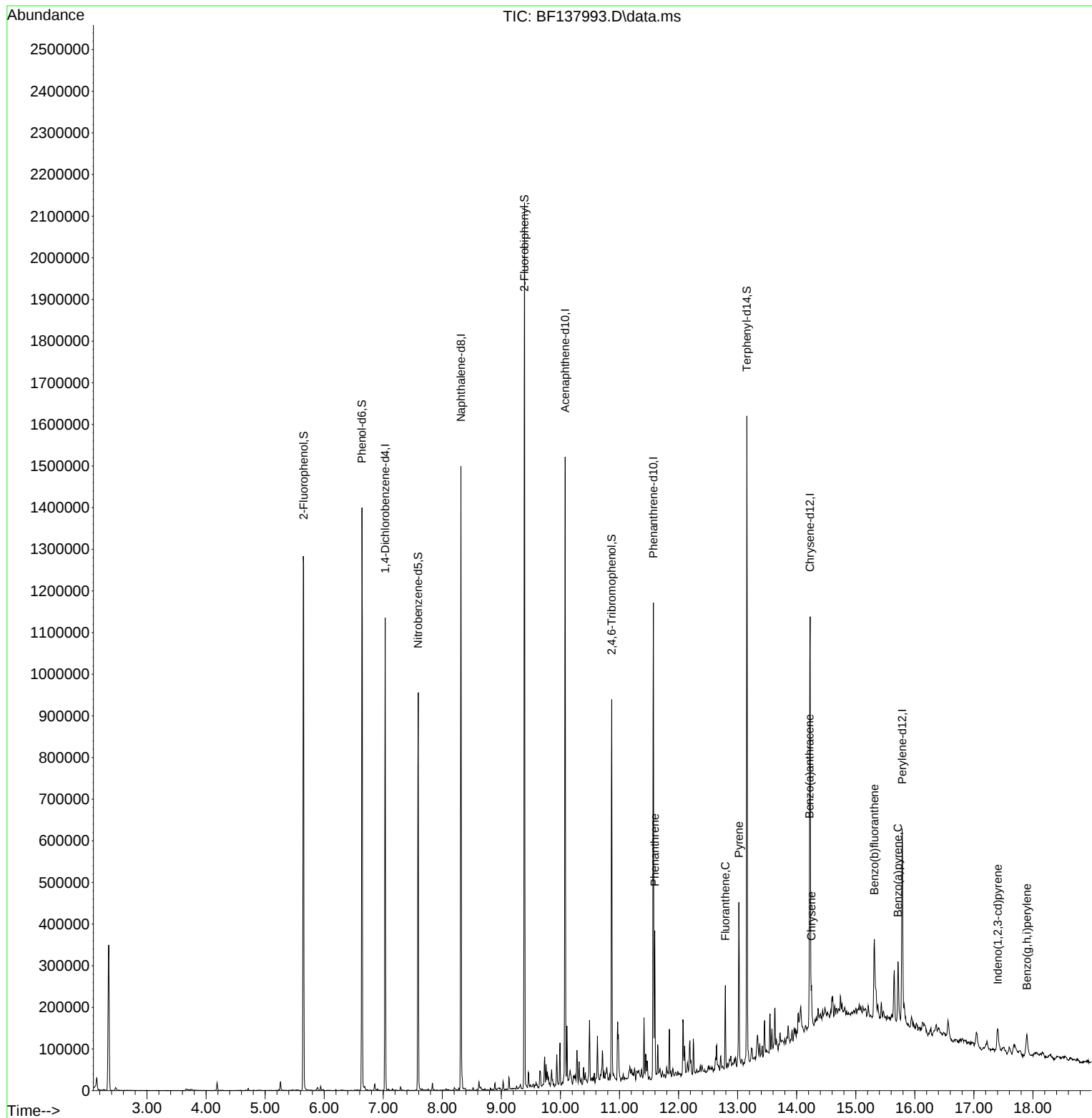
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
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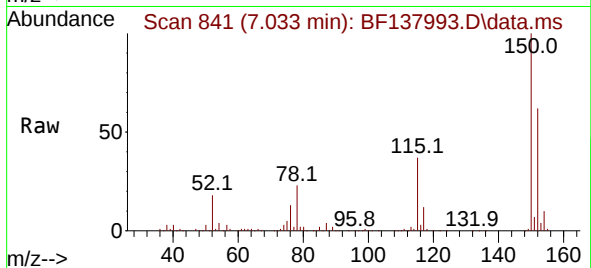
Quant Time: May 22 01:33:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.033 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

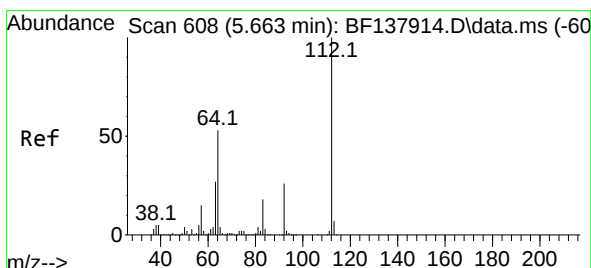
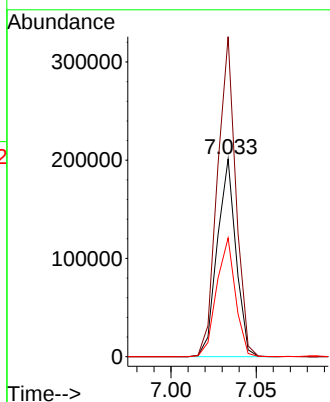
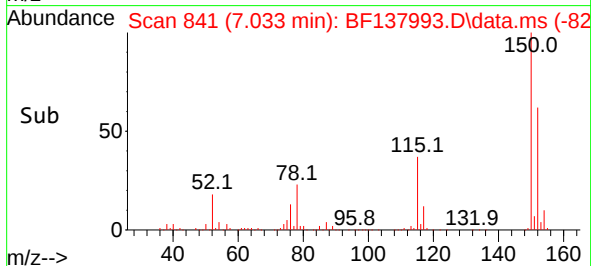
Instrument :
BNA_F
ClientSampleId :
WCS-TPP



Tgt Ion:152 Resp: 15369
Ion Ratio Lower Upper
152 100
150 161.7 125.7 188.5
115 60.0 47.0 70.6

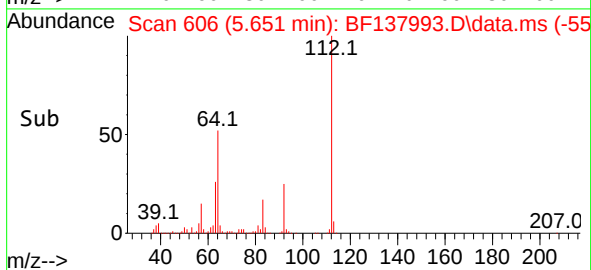
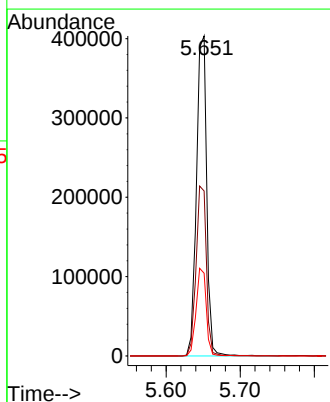
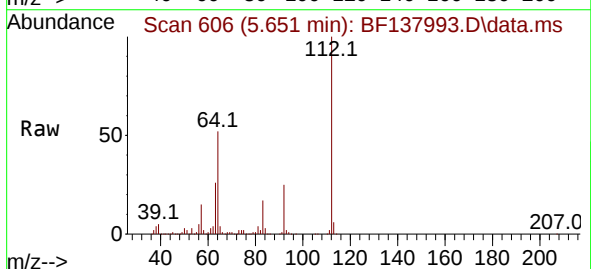
Manual Integrations
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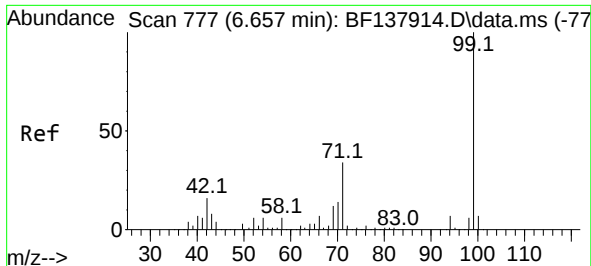
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#5
2-Fluorophenol
Concen: 42.693 ng
RT: 5.651 min Scan# 606
Delta R.T. -0.012 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

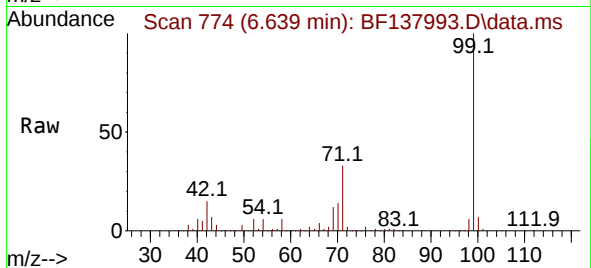
Tgt Ion:112 Resp: 386299
Ion Ratio Lower Upper
112 100
64 51.6 42.4 63.6
63 25.8 21.4 32.2





#7
Phenol-d6
Concen: 43.454 ng
RT: 6.639 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

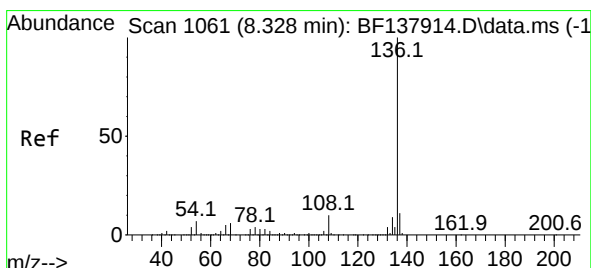
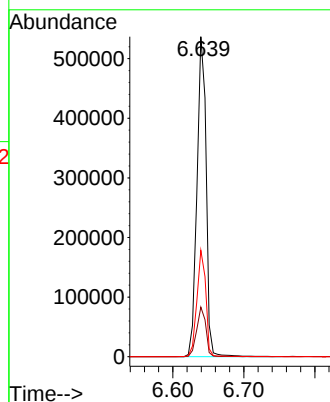
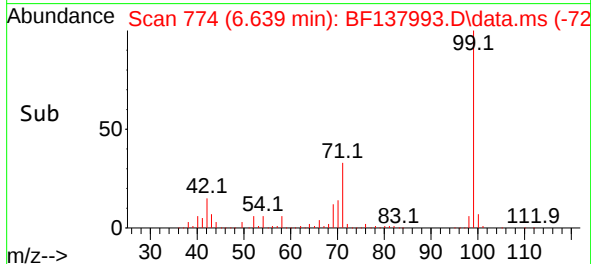
Instrument :
BNA_F
ClientSampleId :
WCS-TPP



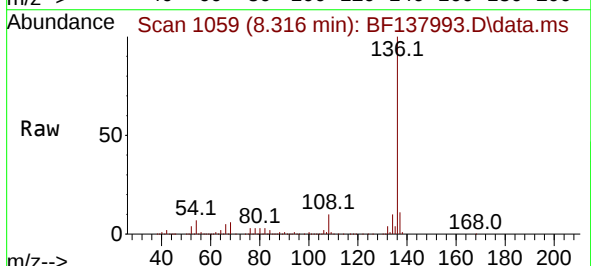
Tgt Ion: 99 Resp: 484330
Ion Ratio Lower Upper
99 100
42 15.5 12.6 18.8
71 33.3 27.1 40.7

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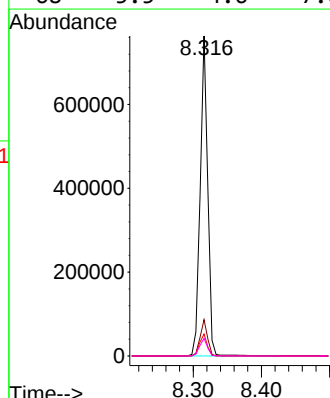
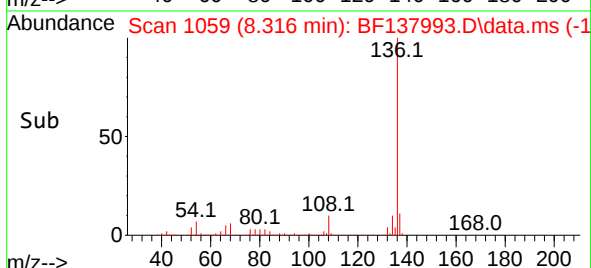
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46



Tgt Ion:136 Resp: 582401
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 6.8 5.4 8.2
68 5.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 28.081 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF137993.D

Acq: 21 May 2024 22:46

Instrument :

BNA_F

ClientSampleId :

WCS-TPP

Tgt Ion: 82 Resp: 277899

Ion Ratio Lower Upper

82 100

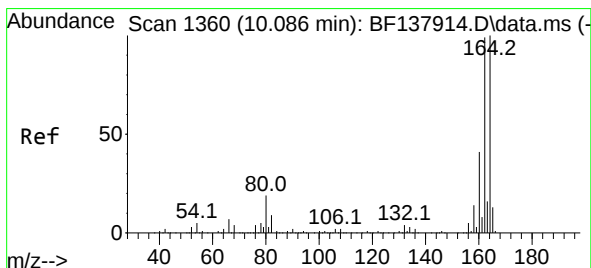
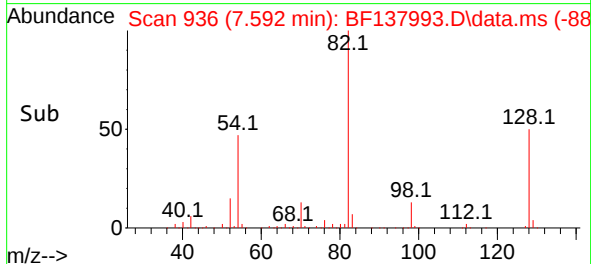
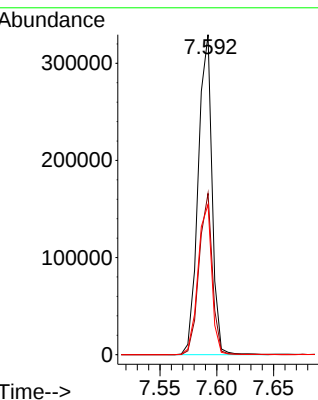
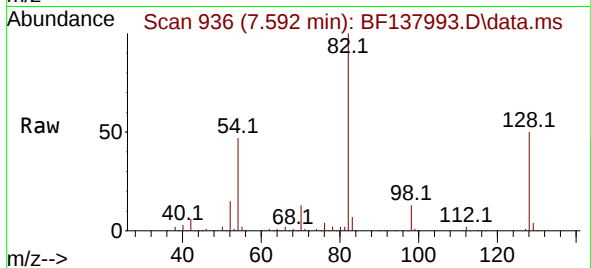
128 50.4 40.3 60.5

54 47.0 36.8 55.2

Manual Integrations

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Supervised By :mohammad ahmed 05/24/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF137993.D

Acq: 21 May 2024 22:46

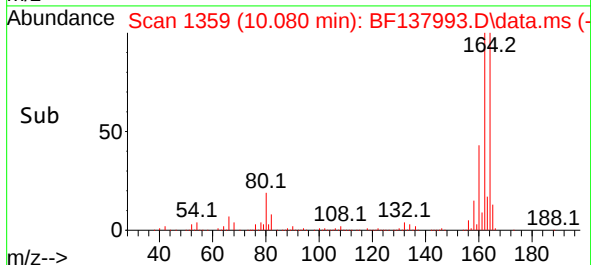
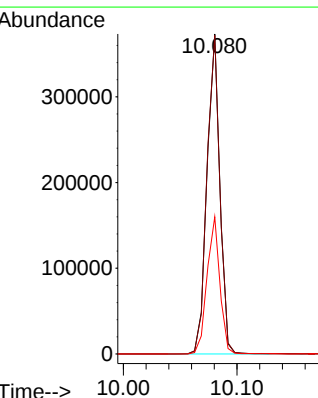
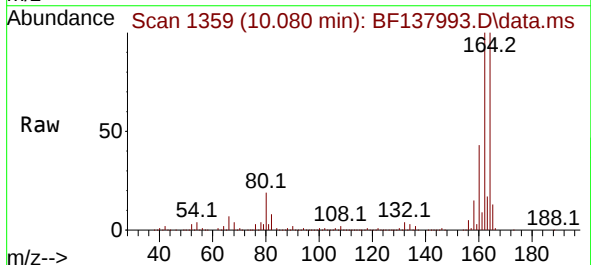
Tgt Ion:164 Resp: 293554

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.2

160 42.9 33.1 49.7





#42
2,4,6-Tribromophenol
Concen: 35.516 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

Instrument :

BNA_F

ClientSampleId :

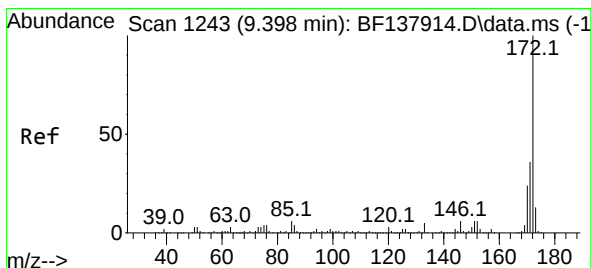
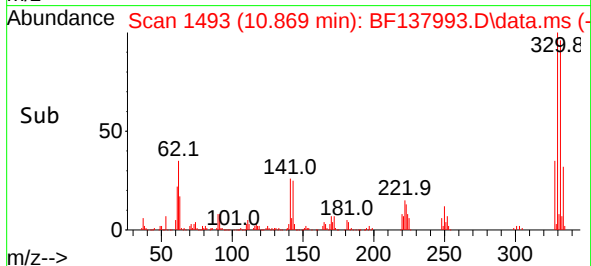
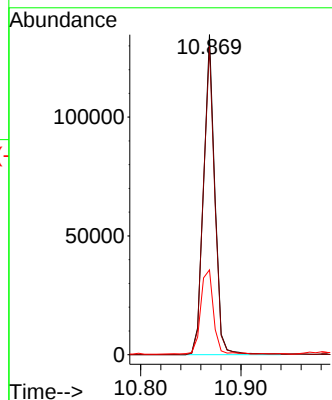
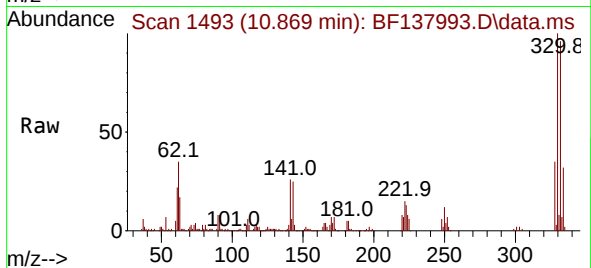
WCS-TPP

Tgt Ion:330 Resp: 105129
Ion Ratio Lower Upper
330 100
332 98.0 75.8 113.8
141 30.5 23.8 35.6

Manual Integrations

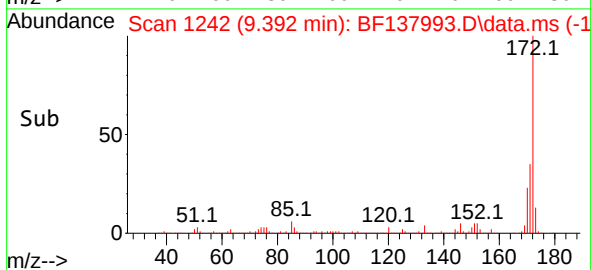
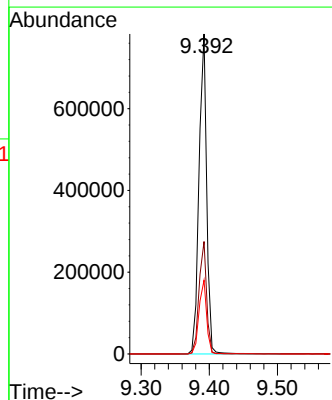
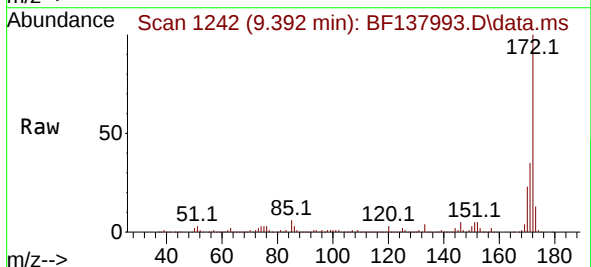
APPROVED

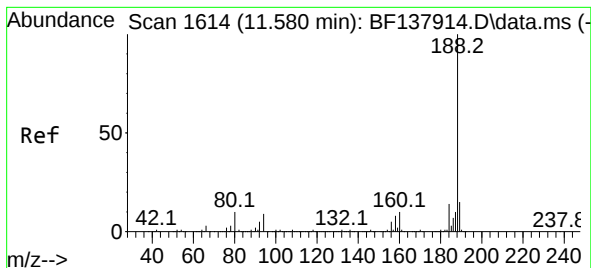
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#45
2-Fluorobiphenyl
Concen: 31.947 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

Tgt Ion:172 Resp: 608827
Ion Ratio Lower Upper
172 100
171 35.1 28.9 43.3
170 23.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137993.D

Acq: 21 May 2024 22:46

Instrument :

BNA_F

ClientSampleId :

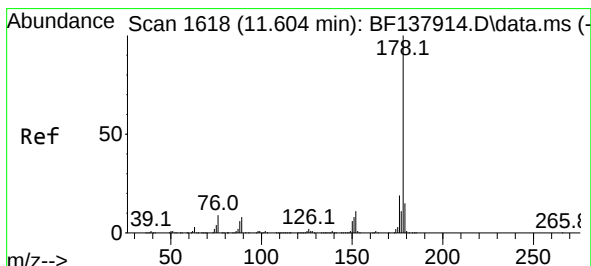
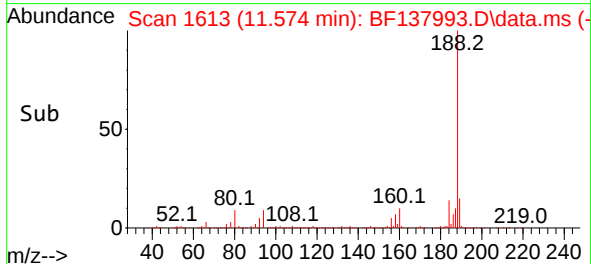
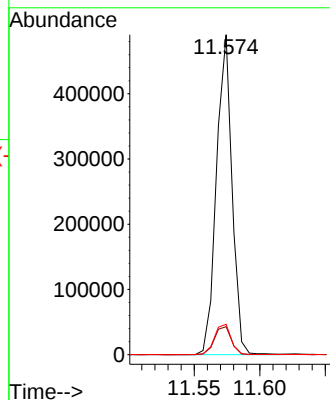
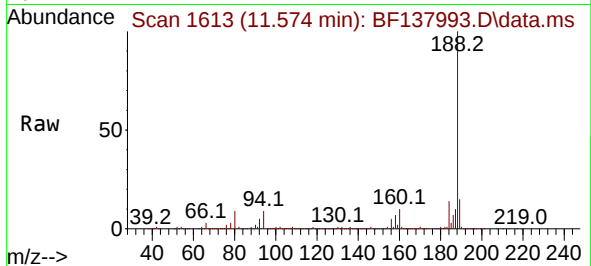
WCS-TPP

Tgt Ion:188 Resp: 40384
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.0 10.4
 80 9.5 7.7 11.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024



#71

Phenanthrene

Concen: 5.788 ng

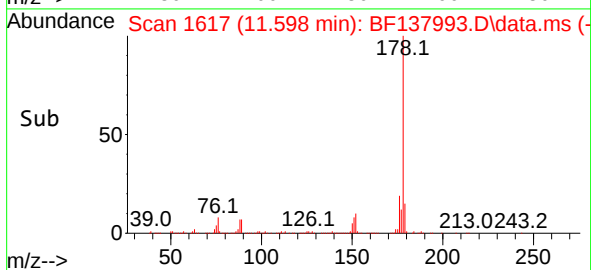
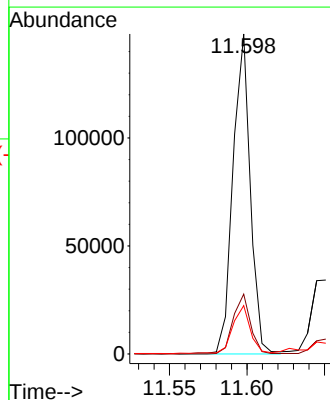
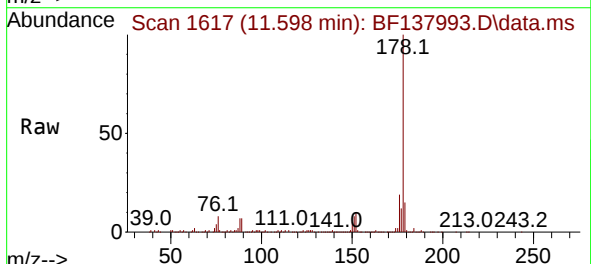
RT: 11.598 min Scan# 1617

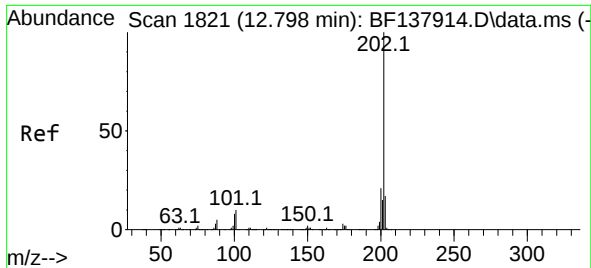
Delta R.T. -0.006 min

Lab File: BF137993.D

Acq: 21 May 2024 22:46

Tgt Ion:178 Resp: 115197
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 15.1 12.2 18.4





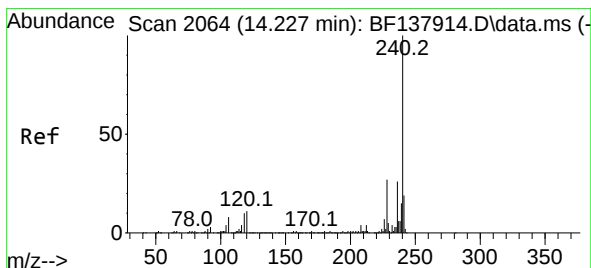
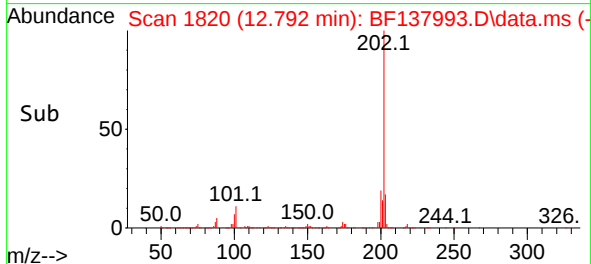
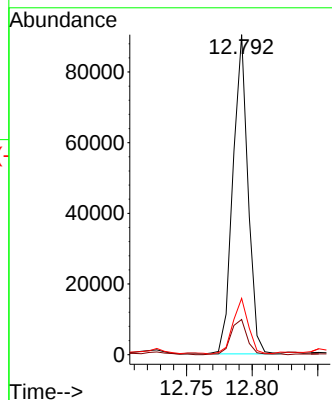
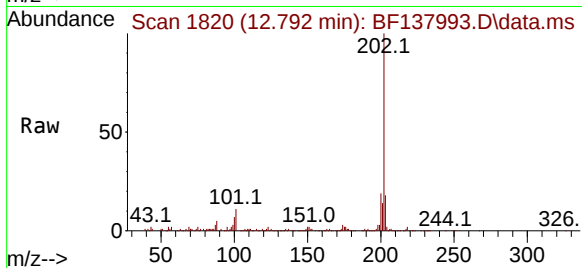
#75
Fluoranthene
Concen: 3.583 ng
RT: 12.792 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

Instrument :
BNA_F
ClientSampleId :
WCS-TPP

Tgt Ion:202 Resp: 7238
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.5
203 17.6 0.0 37.3

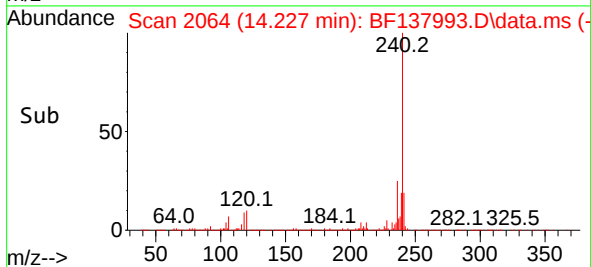
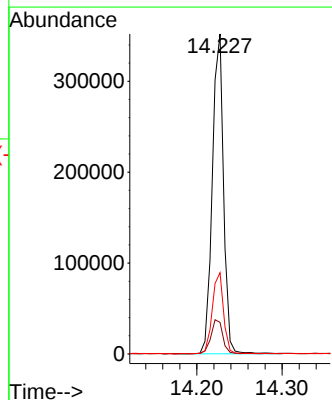
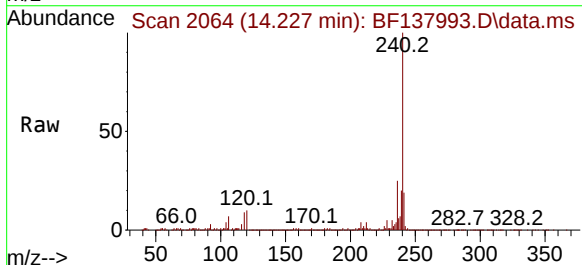
Manual Integrations
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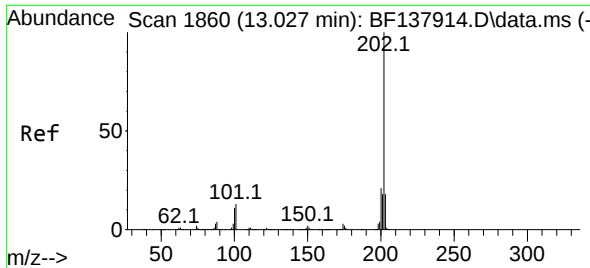
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

Tgt Ion:240 Resp: 321745
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.4 21.0 31.4





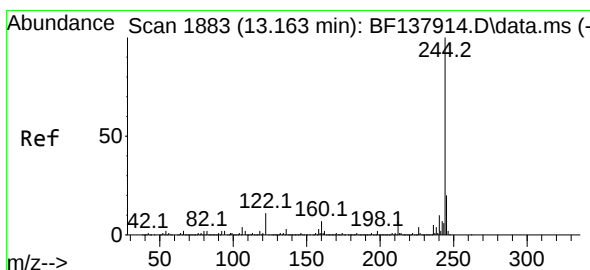
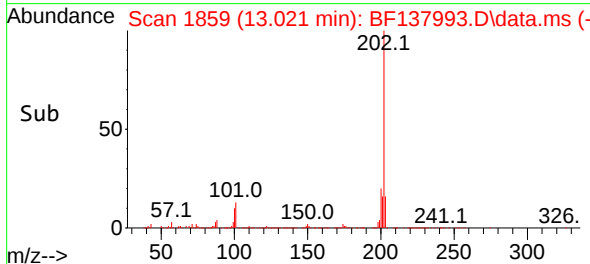
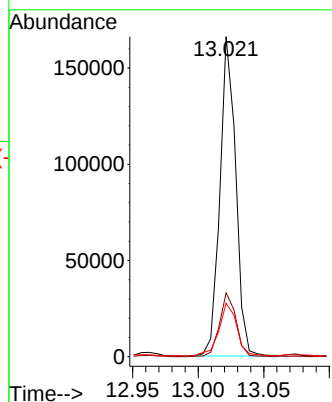
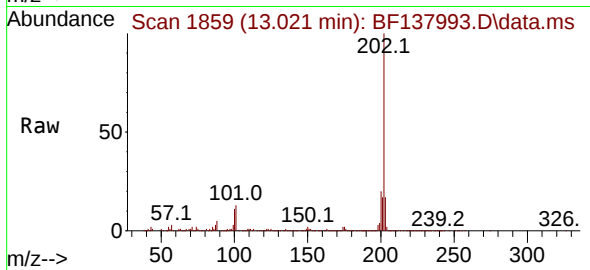
#78
Pyrene
Concen: 4.933 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

Instrument :
BNA_F
ClientSampleId :
WCS-TPP

Tgt Ion:202 Resp: 138825
Ion Ratio Lower Upper
202 100
200 20.0 17.0 25.4
203 16.7 14.1 21.1

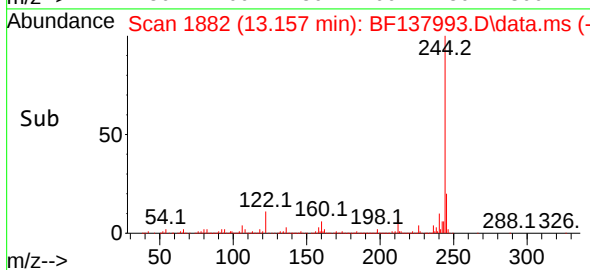
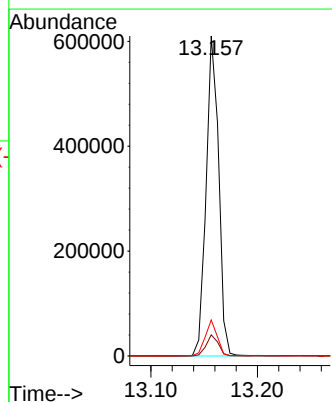
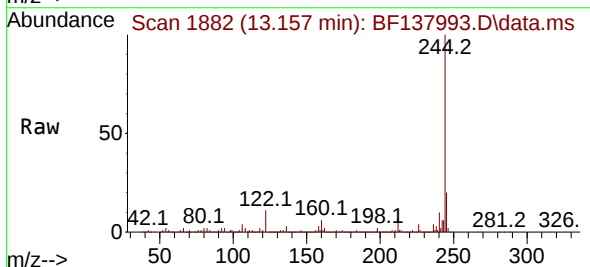
Manual Integrations
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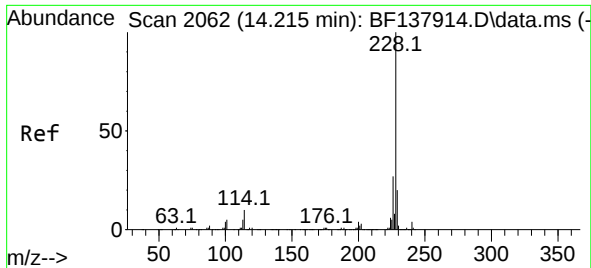
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#79
Terphenyl-d14
Concen: 23.034 ng
RT: 13.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

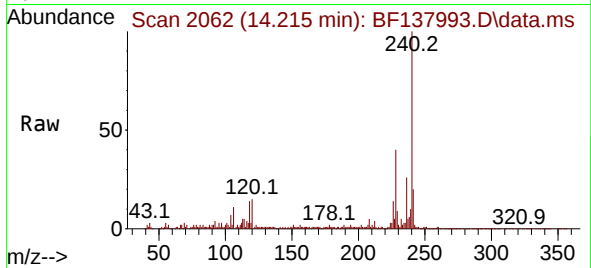
Tgt Ion:244 Resp: 502854
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 11.2 8.8 13.2





#81
Benzo(a)anthracene
Concen: 2.168 ng m
RT: 14.215 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

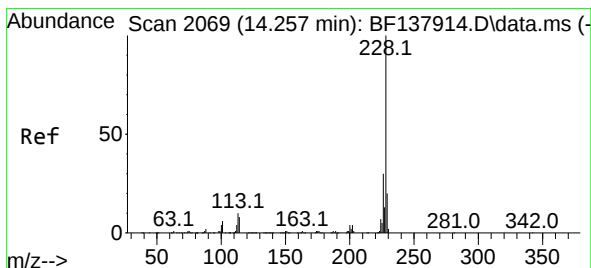
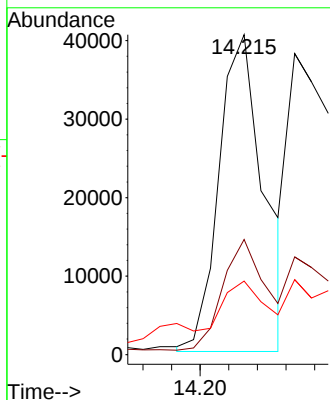
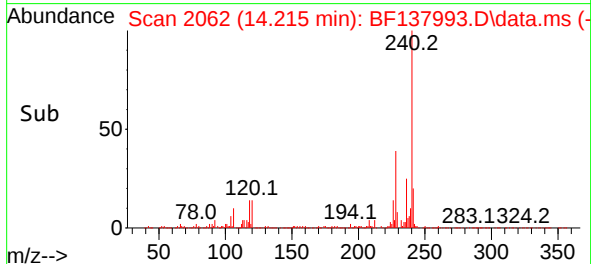
Instrument :
BNA_F
ClientSampleId :
WCS-TPP



Tgt Ion:228 Resp: 4412
Ion Ratio Lower Upper
228 100
226 36.0 21.3 31.9
229 23.0 15.7 23.5

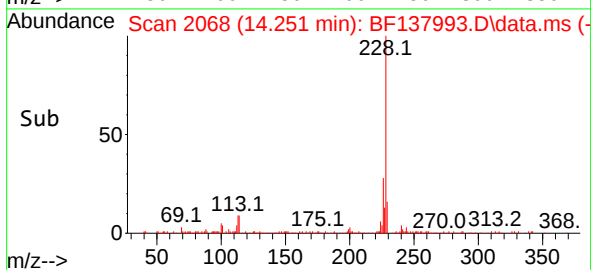
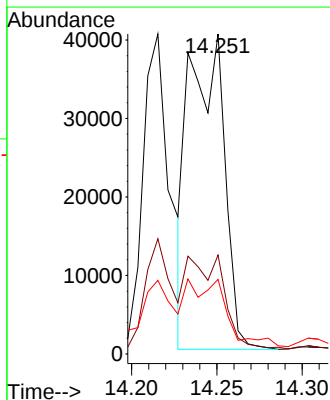
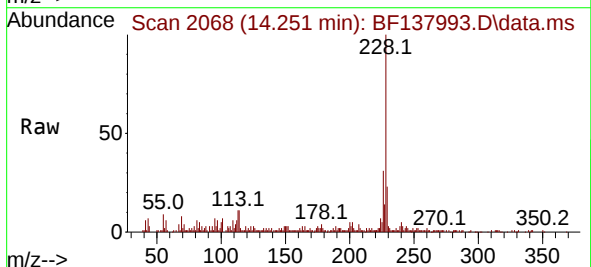
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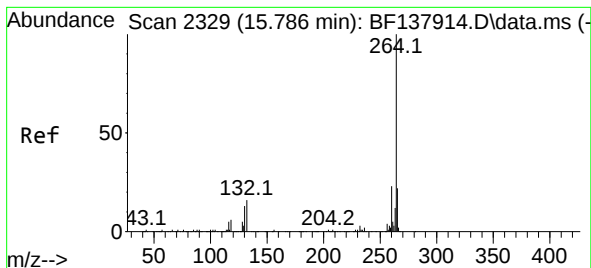
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#83
Chrysene
Concen: 2.963 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

Tgt Ion:228 Resp: 57692
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.8
229 23.3 15.6 23.4





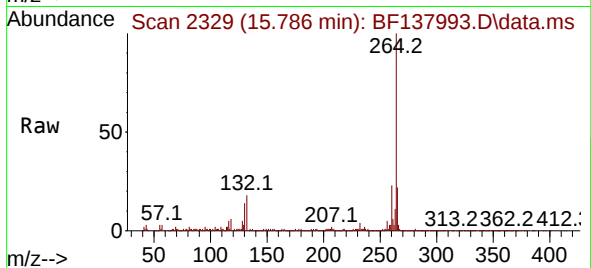
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

Instrument :

BNA_F

ClientSampleId :

WCS-TPP

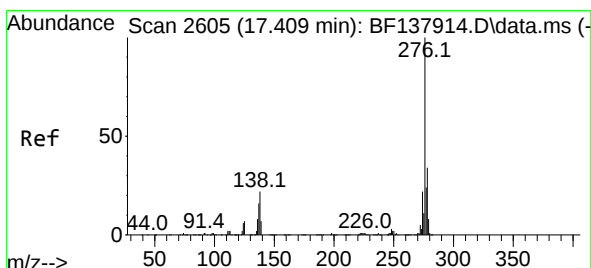
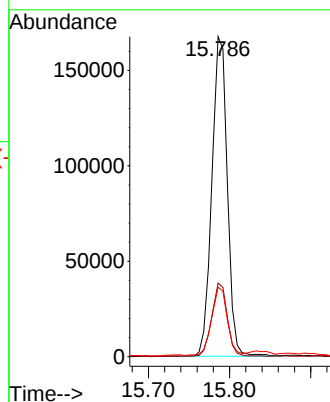
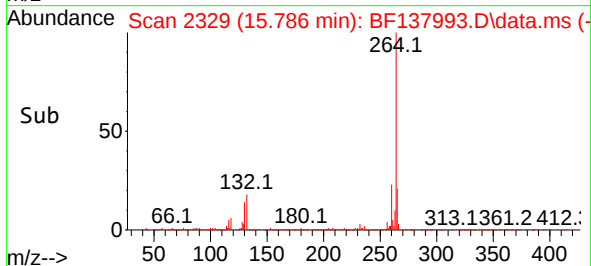


Tgt Ion:264 Resp: 22111
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 21.7 17.6 26.4

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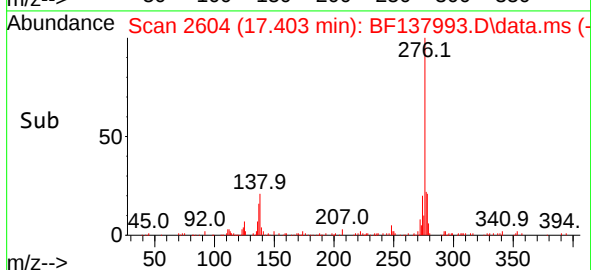
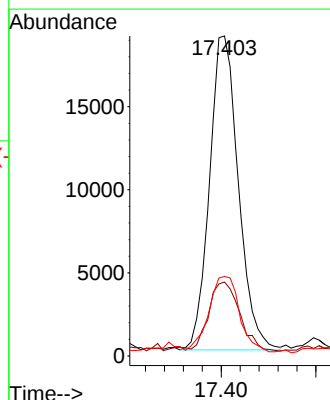
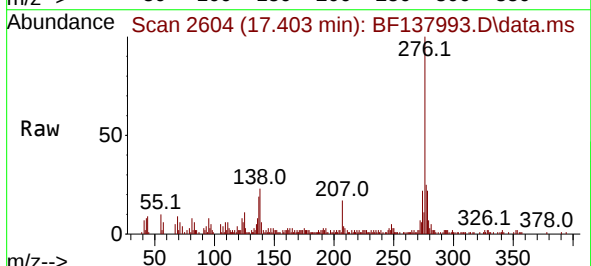
APPROVED

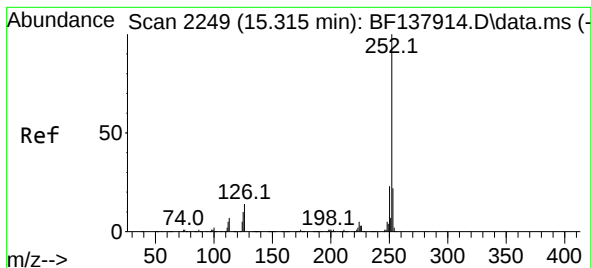
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.819 ng
RT: 17.403 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF137993.D
Acq: 21 May 2024 22:46

Tgt Ion:276 Resp: 40047
Ion Ratio Lower Upper
276 100
138 23.4 20.6 30.8
277 25.3 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 8.140 ng m

RT: 15.315 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137993.D

Acq: 21 May 2024 22:46

Instrument :

BNA_F

ClientSampleId :

WCS-TPP

Tgt Ion:252 Resp: 104210

Ion Ratio Lower Upper

252 100

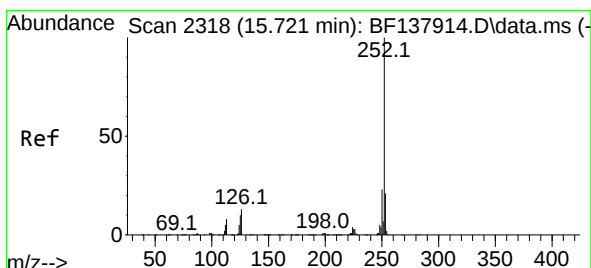
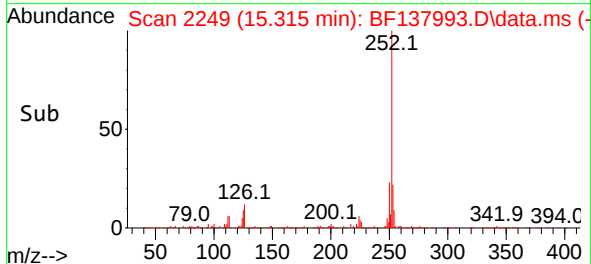
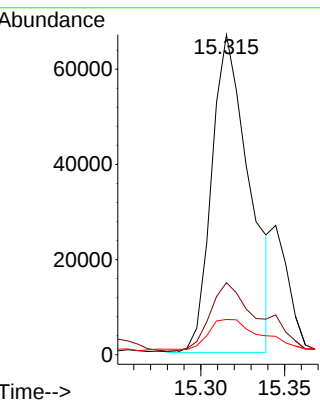
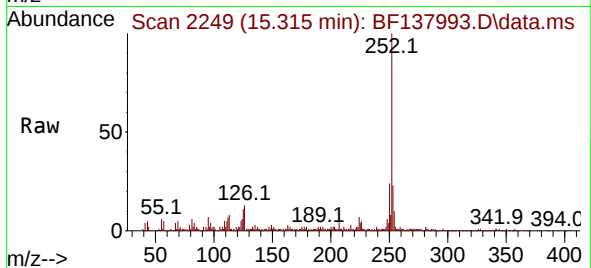
253 22.5 17.6 26.4

125 11.0 8.2 12.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#90

Benzo(a)pyrene

Concen: 6.632 ng

RT: 15.715 min Scan# 2317

Delta R.T. -0.006 min

Lab File: BF137993.D

Acq: 21 May 2024 22:46

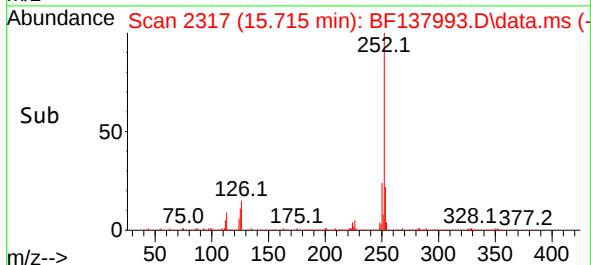
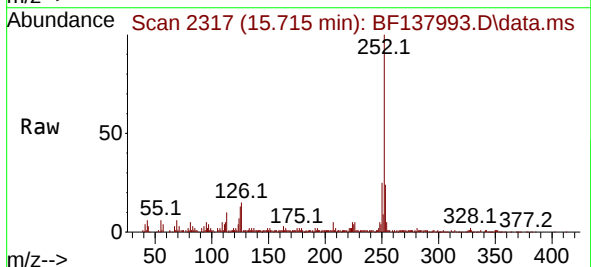
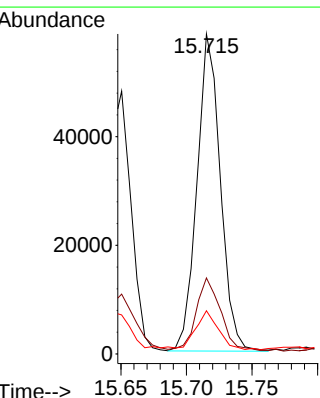
Tgt Ion:252 Resp: 72505

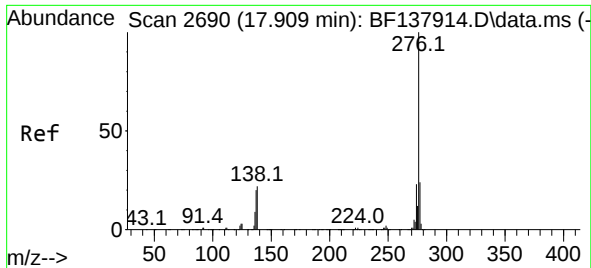
Ion Ratio Lower Upper

252 100

253 23.7 17.0 25.6

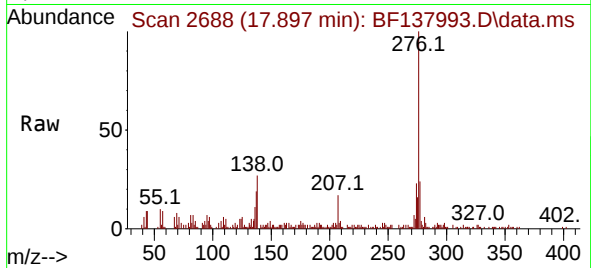
125 13.5 7.8 11.8#





#92
 Benzo(g,h,i)perylene
 Concen: 3.340 ng
 RT: 17.897 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF137993.D
 Acq: 21 May 2024 22:46

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPP



Tgt Ion:276 Resp: 41184
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.9 28.3
 138 27.0 17.6 26.4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

