

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137241.D
 Acq On : 01 Feb 2024 19:54
 Operator : CG\JU
 Sample : P1313-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 02 01:16:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	54912	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	206043	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	104167	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	169979	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	156649	20.000	ng	0.00
86) Perylene-d12	15.451	264	140682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	295147	88.690	ng	0.00
7) Phenol-d6	6.422	99	374802	78.920	ng	0.00
23) Nitrobenzene-d5	7.351	82	244281	53.080	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	83379	70.876	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	395297	52.166	ng	0.00
79) Terphenyl-d14	12.910	244	376938	32.712	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	9.857	154	28675	4.969	ng	97
55) Dibenzofuran	10.027	168	18672	2.034	ng	97
58) Fluorene	10.374	166	25193	3.500	ng	94
71) Phenanthrene	11.339	178	405160	45.531	ng	99
72) Anthracene	11.392	178	97697	10.533	ng	99
73) Carbazole	11.551	167	47052	6.070	ng	98
75) Fluoranthene	12.533	202	592379	63.617	ng	99
78) Pyrene	12.762	202	525020	34.876	ng	98
81) Benzo(a)anthracene	13.957	228	282422	25.457	ng	98
83) Chrysene	13.998	228	273652	25.090	ng	98
84) Bis(2-ethylhexyl)phtha...	13.962	149	132828	29.647	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	90157	9.122	ng	97
88) Benzo(b)fluoranthene	15.021	252	280735m	32.448	ng	
89) Benzo(k)fluoranthene	15.045	252	124639m	13.618	ng	
90) Benzo(a)pyrene	15.386	252	202951	24.927	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	19883m	2.511	ng	
92) Benzo(g,h,i)perylene	17.386	276	85504	11.000	ng	95

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

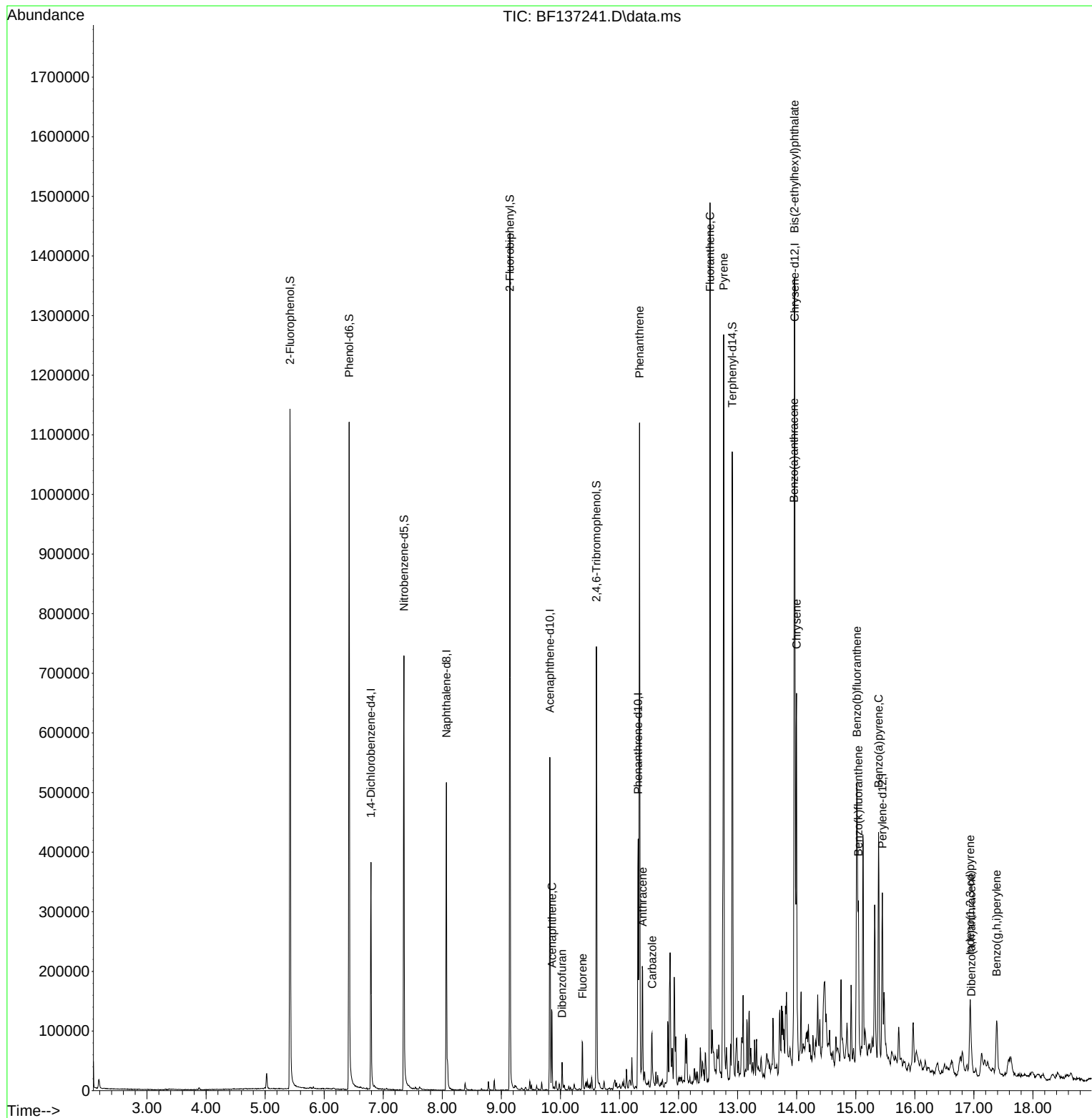
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
Data File : BF137241.D
Acq On : 01 Feb 2024 19:54
Operator : CG\JU
Sample : P1313-01
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ALS Vial : 18 Sample Multiplier: 1

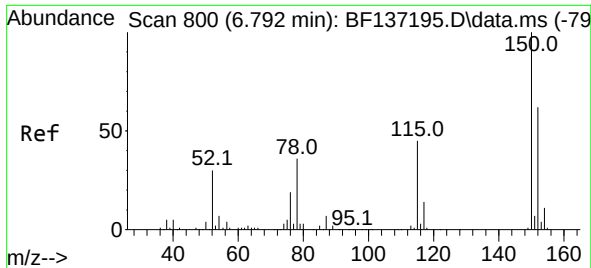
Instrument :
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COMP-1

Quant Time: Feb 02 01:16:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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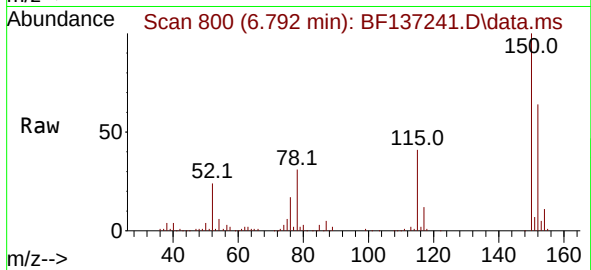
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

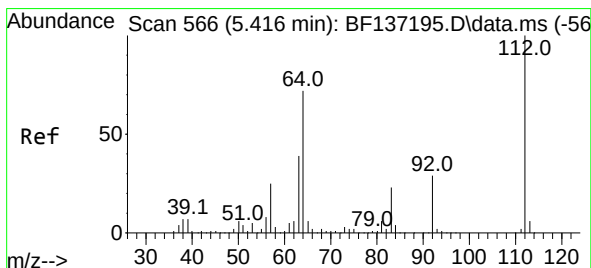
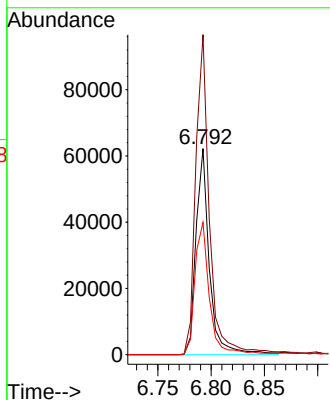
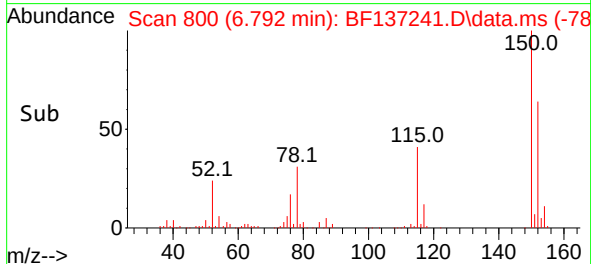
Instrument :
BNA_F
ClientSampleId :
COMP-1



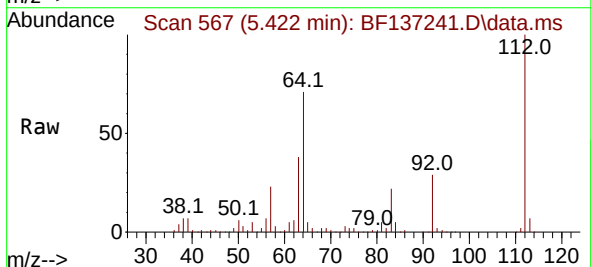
Tgt Ion:152 Resp: 54912
Ion Ratio Lower Upper
152 100
150 155.3 129.8 194.8
115 64.2 58.5 87.7

Manual Integrations
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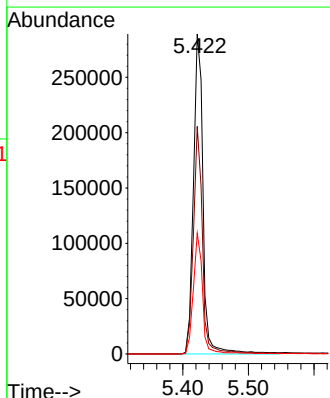
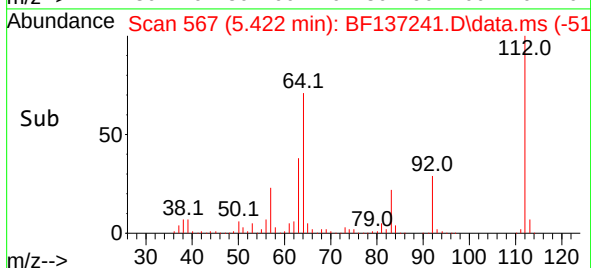
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

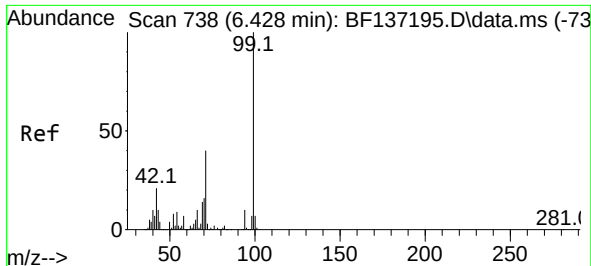


#5
2-Fluorophenol
Concen: 88.690 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54



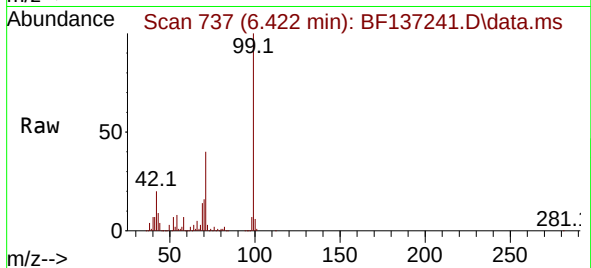
Tgt Ion:112 Resp: 295147
Ion Ratio Lower Upper
112 100
64 71.1 57.8 86.6
63 37.7 31.4 47.0





#7
Phenol-d6
Concen: 78.920 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

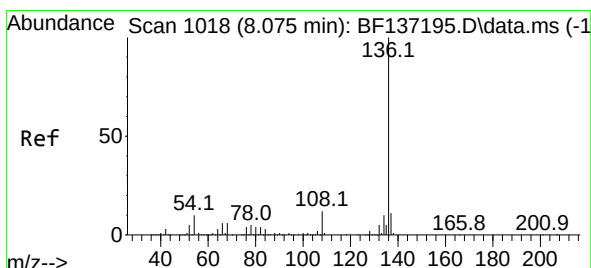
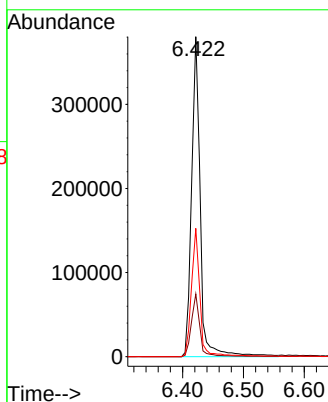
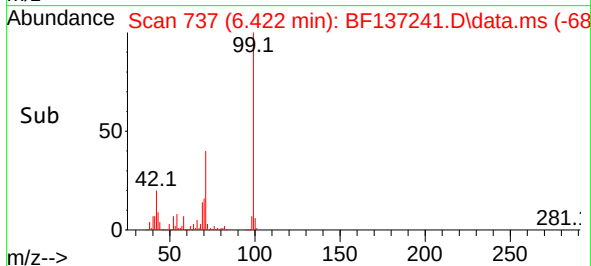
Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion: 99 Resp: 374802
Ion Ratio Lower Upper
99 100
42 19.6 16.4 24.6
71 40.1 32.4 48.6

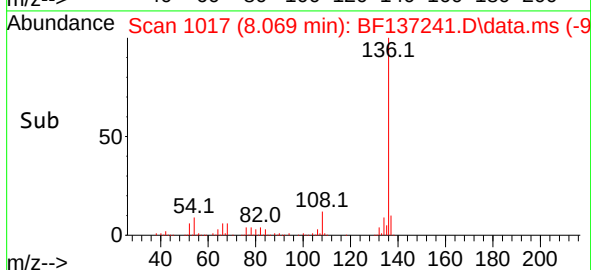
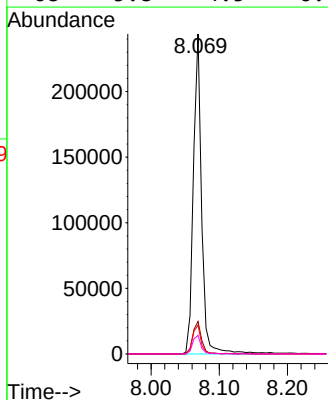
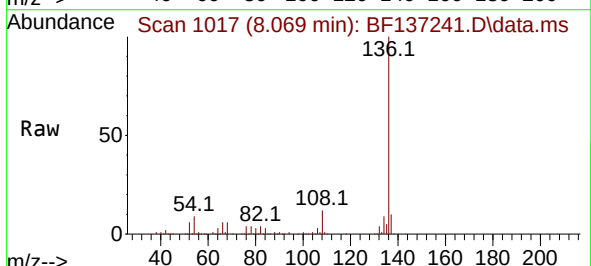
Manual Integrations
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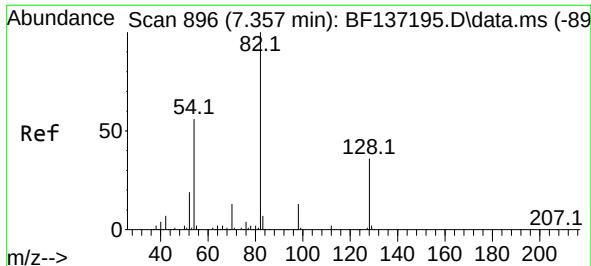
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

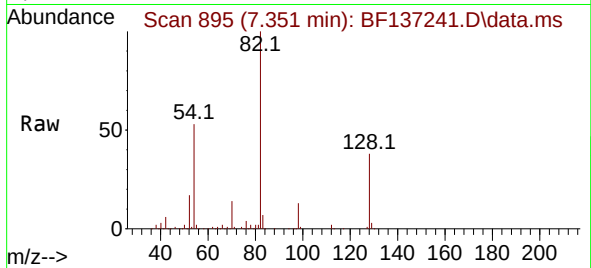
Tgt Ion:136 Resp: 206043
Ion Ratio Lower Upper
136 100
137 10.2 8.9 13.3
54 9.0 7.8 11.8
68 5.8 4.5 6.7





#23
Nitrobenzene-d5
Concen: 53.080 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

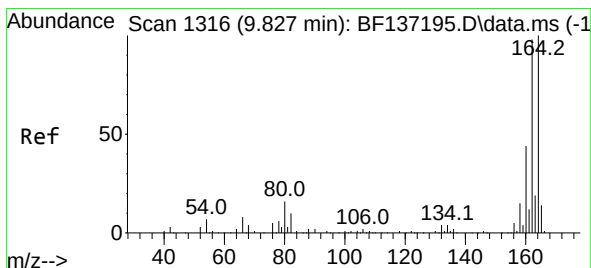
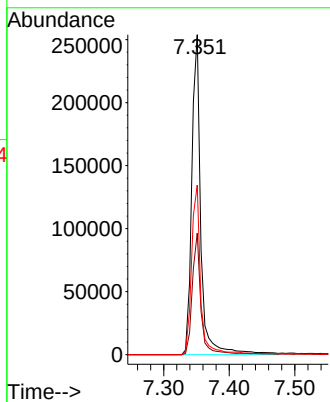
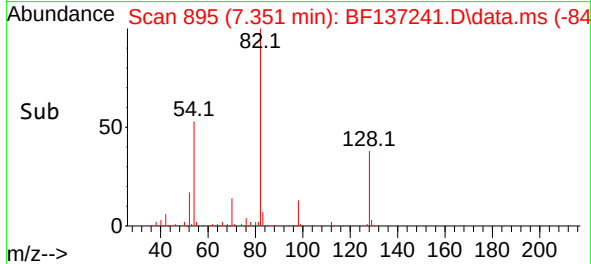
Instrument :
BNA_F
ClientSampleId :
COMP-1



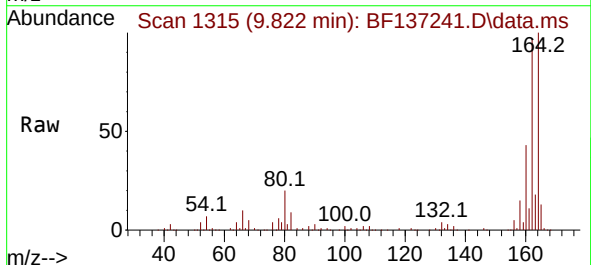
Tgt Ion: 82 Resp: 24428
Ion Ratio Lower Upper
82 100
128 38.0 29.1 43.7
54 53.0 45.0 67.6

Manual Integrations
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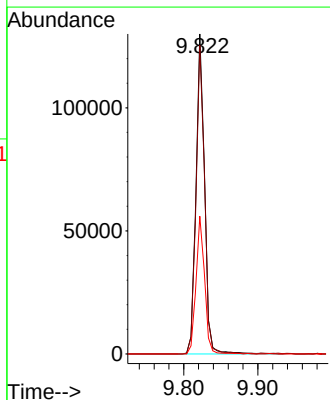
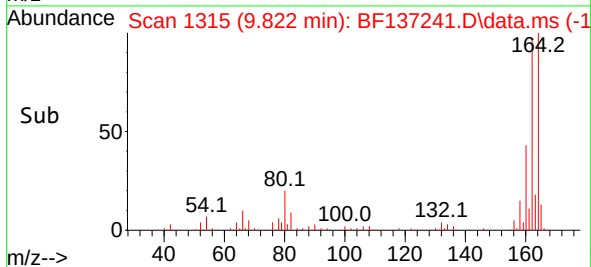
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

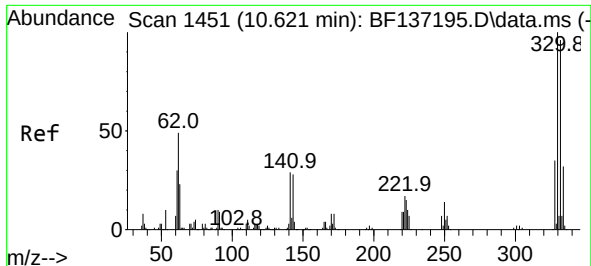


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54



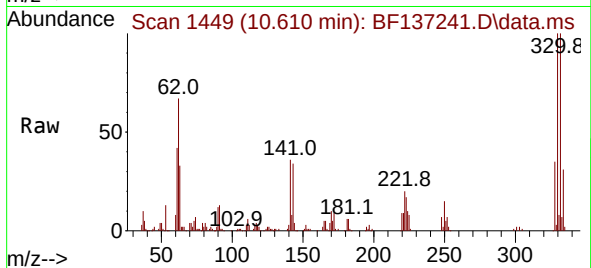
Tgt Ion:164 Resp: 104167
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 43.0 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 70.876 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

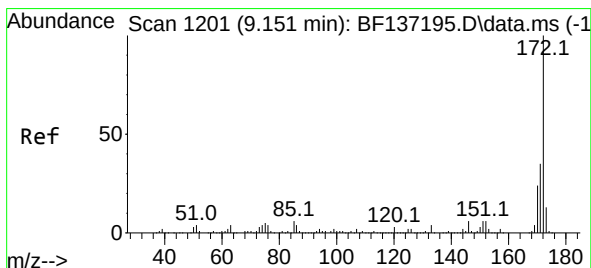
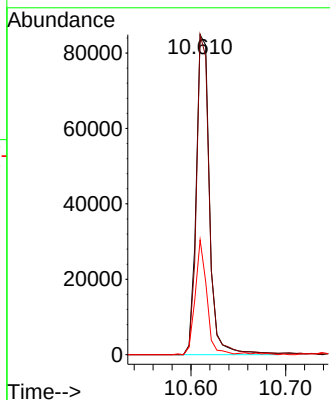
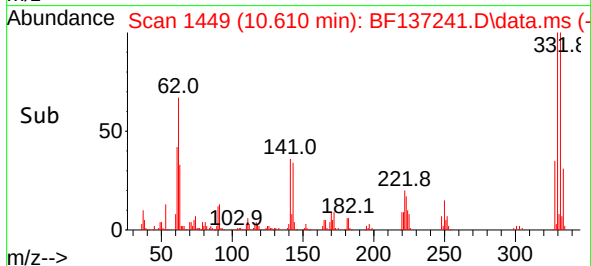
Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion: 330 Resp: 83379
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 31.1 25.2 37.8

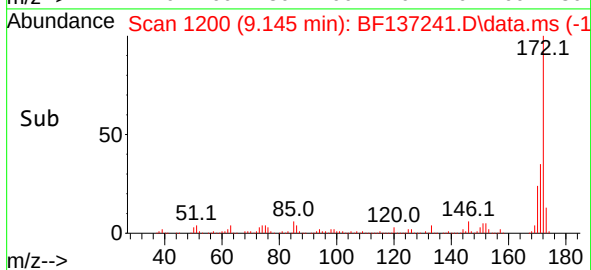
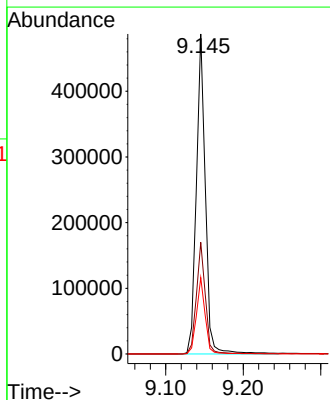
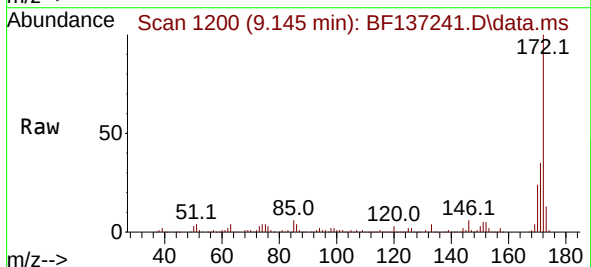
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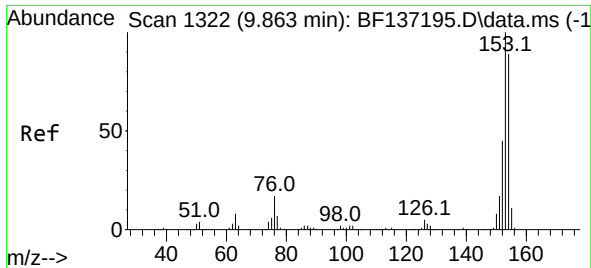
Reviewed By : Jagrut Upadhyay 02/02/2024
Supervised By : Sohil Jodhani 02/02/2024



#45
2-Fluorobiphenyl
Concen: 52.166 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

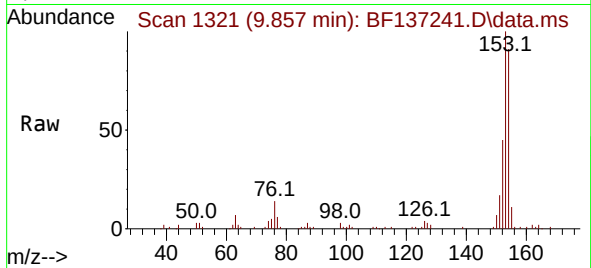
Tgt Ion: 172 Resp: 395297
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.8 19.1 28.7





#52
Acenaphthene
Concen: 4.969 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

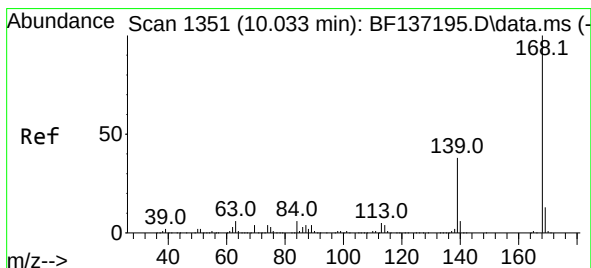
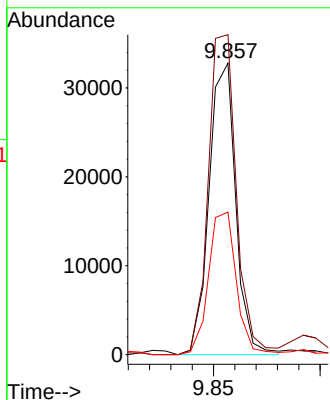
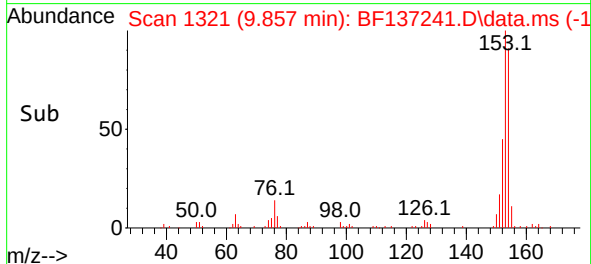
Instrument :
BNA_F
ClientSampleId :
COMP-1



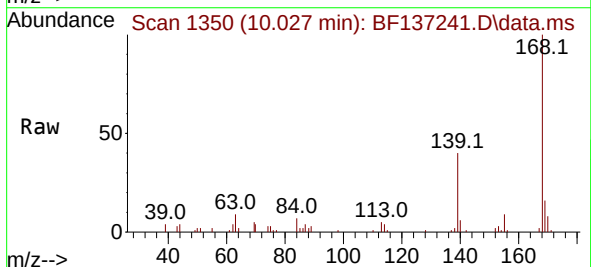
Tgt Ion:154 Resp: 2867
Ion Ratio Lower Upper
154 100
153 109.8 90.2 135.4
152 48.9 40.6 60.8

Manual Integrations
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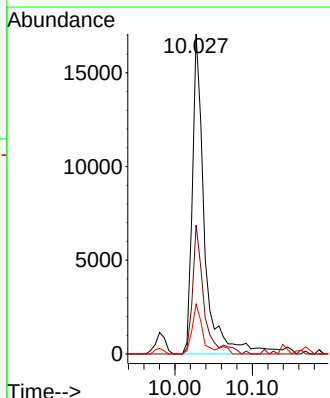
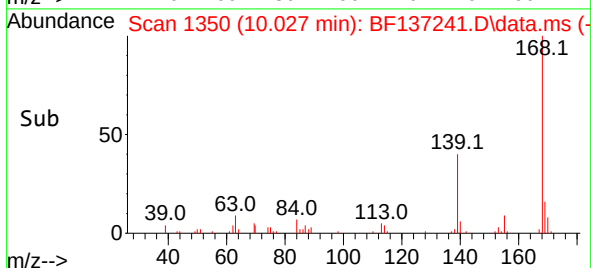
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

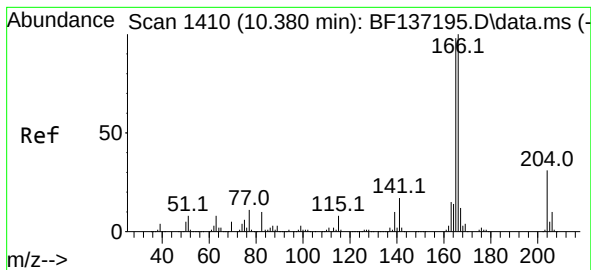


#55
Dibenzofuran
Concen: 2.034 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54



Tgt Ion:168 Resp: 18672
Ion Ratio Lower Upper
168 100
139 40.2 31.1 46.7
169 15.5 10.6 16.0





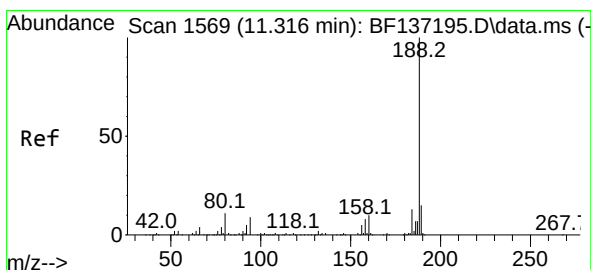
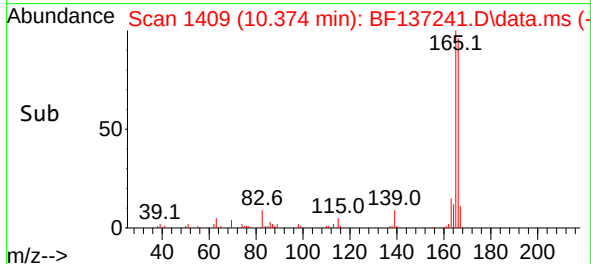
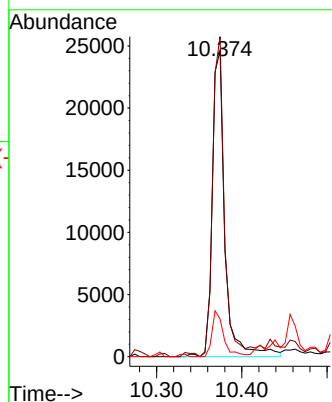
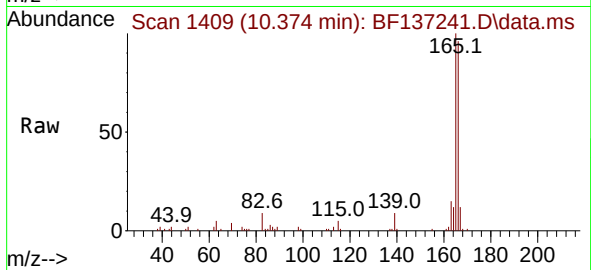
#58
Fluorene
Concen: 3.500 ng
RT: 10.374 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:166 Resp: 2519
Ion Ratio Lower Upper
166 100
165 104.5 78.5 117.7
167 12.3 10.0 15.0

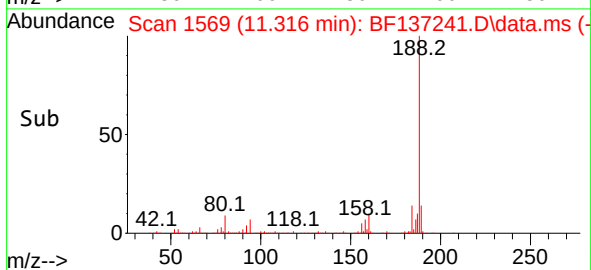
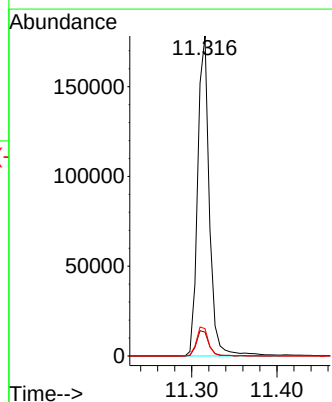
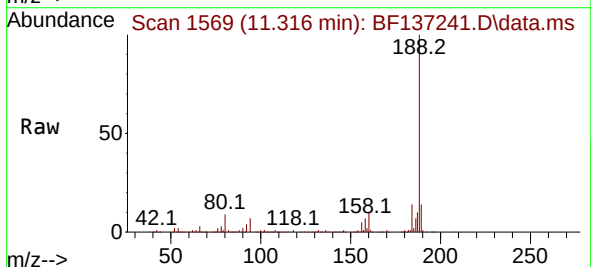
Manual Integrations
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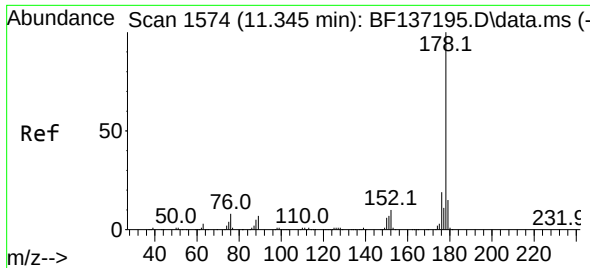
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

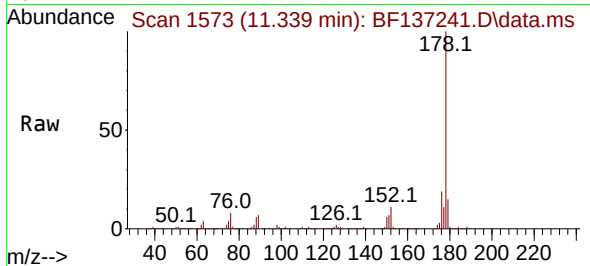
Tgt Ion:188 Resp: 169979
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 8.5 8.8 13.2#





#71
Phenanthrene
Concen: 45.531 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

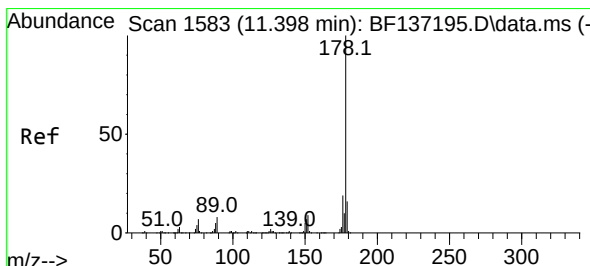
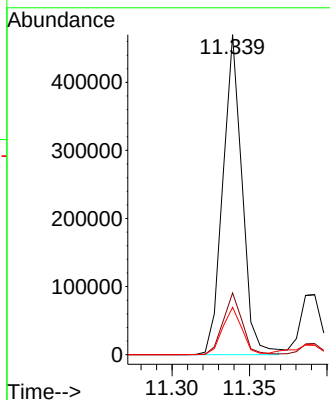
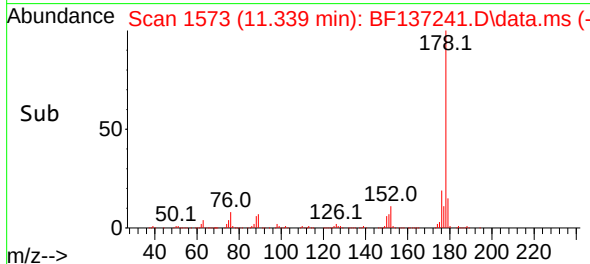
Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion:178 Resp: 405160
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 14.8 12.1 18.1

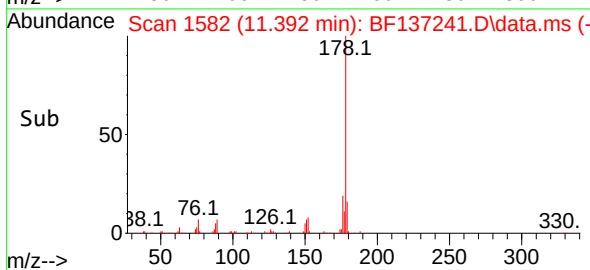
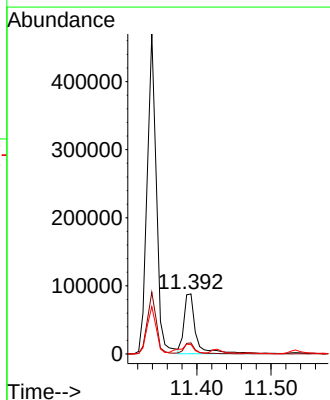
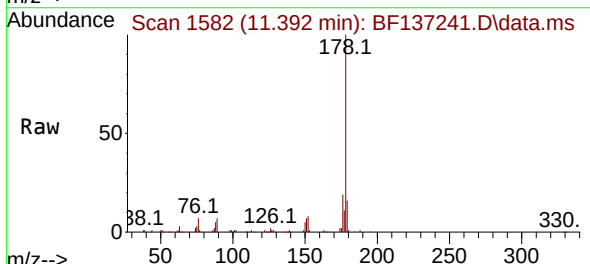
Manual Integrations
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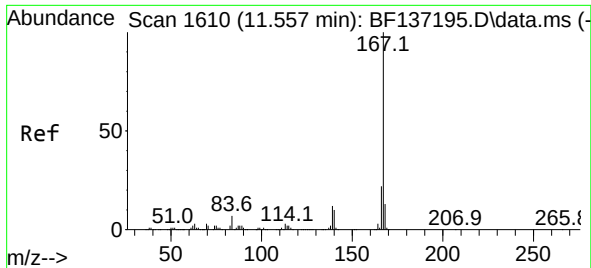
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#72
Anthracene
Concen: 10.533 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

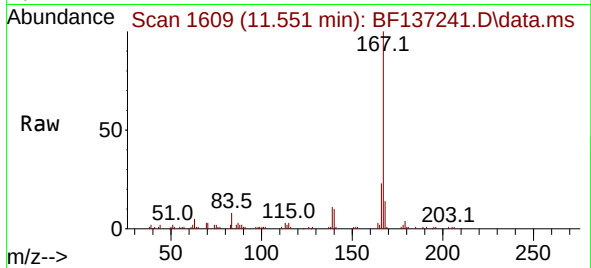
Tgt Ion:178 Resp: 97697
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 6.070 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF137241.D
 Acq: 01 Feb 2024 19:54

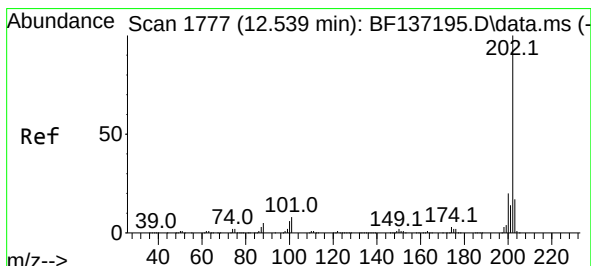
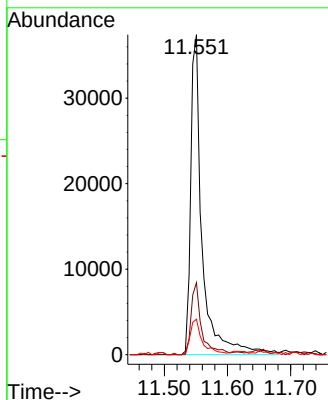
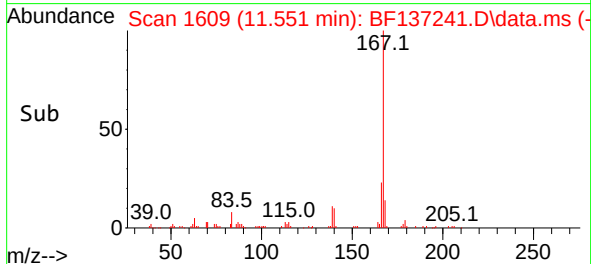
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1



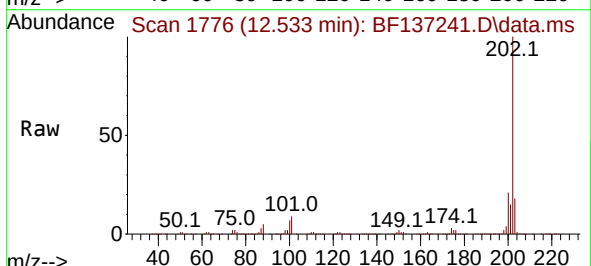
Tgt Ion:167 Resp: 47052
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 11.1 9.7 14.5

Manual Integrations
 APPROVED

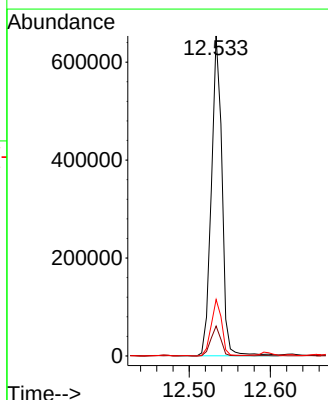
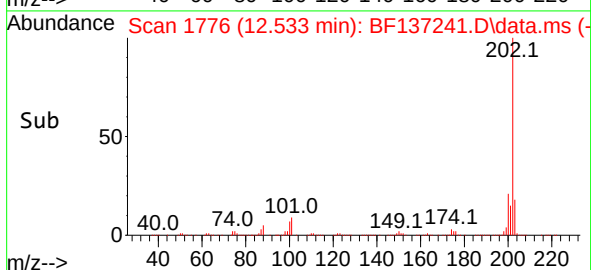
Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

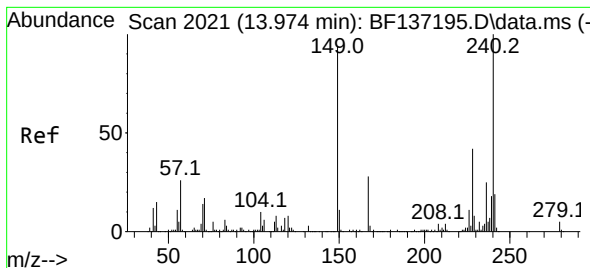


#75
 Fluoranthene
 Concen: 63.617 ng
 RT: 12.533 min Scan# 1776
 Delta R.T. -0.006 min
 Lab File: BF137241.D
 Acq: 01 Feb 2024 19:54



Tgt Ion:202 Resp: 592379
 Ion Ratio Lower Upper
 202 100
 101 9.4 0.0 28.4
 203 17.7 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137241.D

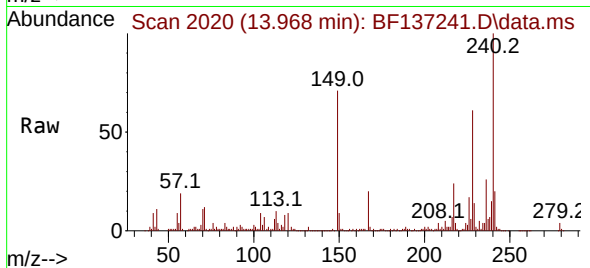
Acq: 01 Feb 2024 19:54

Instrument :

BNA_F

ClientSampleId :

COMP-1



Tgt Ion:240 Resp: 156649

Ion Ratio Lower Upper

240 100

120 8.5 6.3 9.5

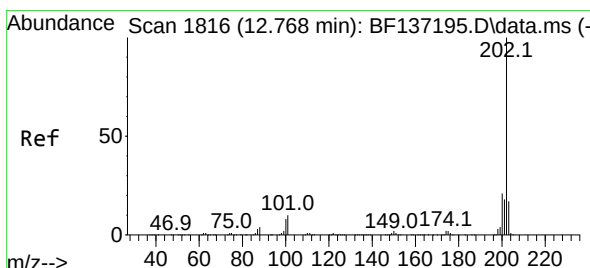
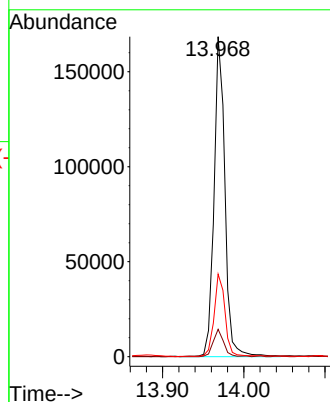
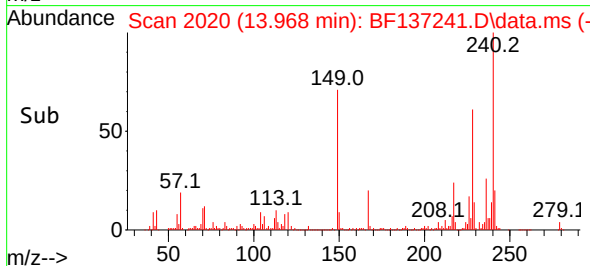
236 25.8 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024



#78

Pyrene

Concen: 34.876 ng

RT: 12.762 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137241.D

Acq: 01 Feb 2024 19:54

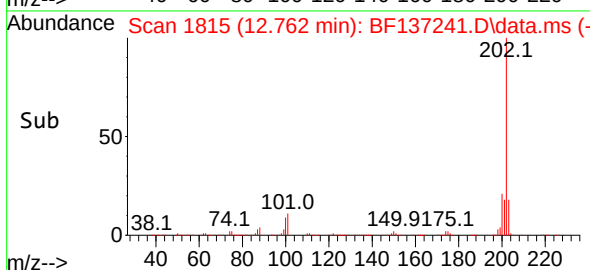
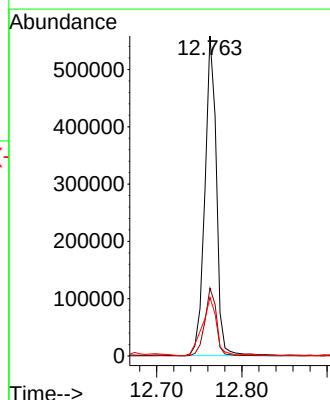
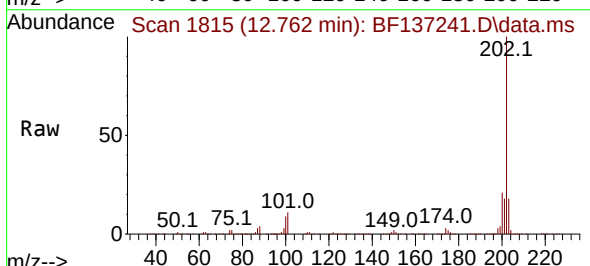
Tgt Ion:202 Resp: 525020

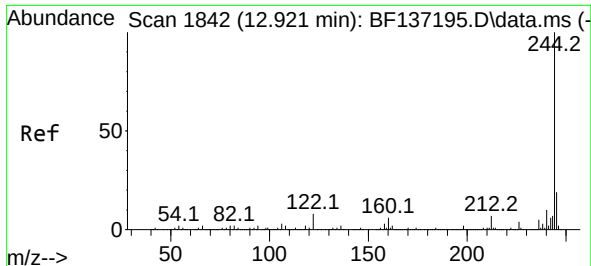
Ion Ratio Lower Upper

202 100

200 21.2 16.5 24.7

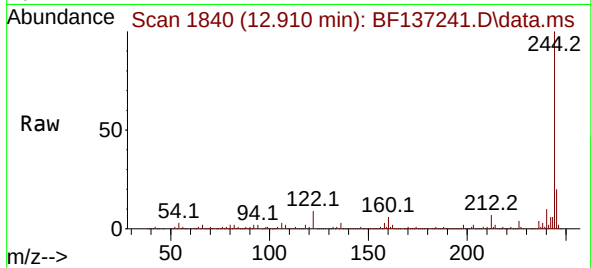
203 18.3 13.8 20.6





#79
 Terphenyl-d14
 Concen: 32.712 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137241.D
 Acq: 01 Feb 2024 19:54

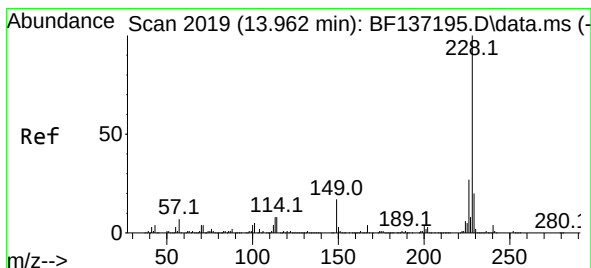
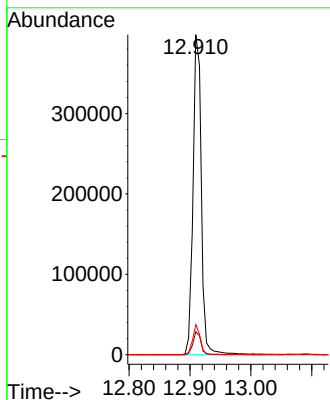
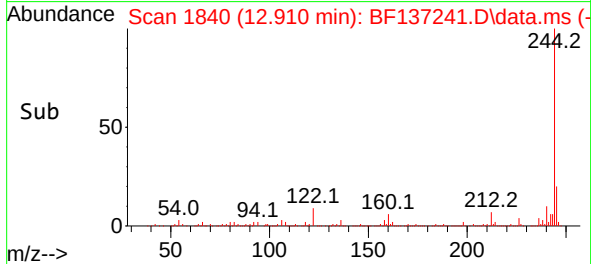
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1



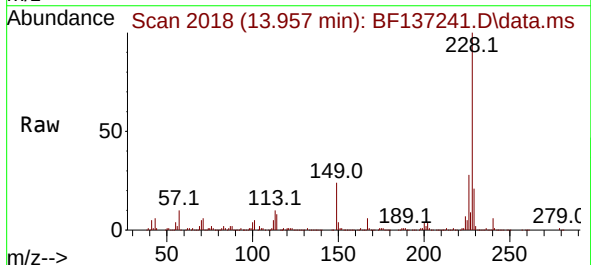
Tgt Ion:244 Resp: 376938
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.4 6.2 9.4

Manual Integrations
 APPROVED

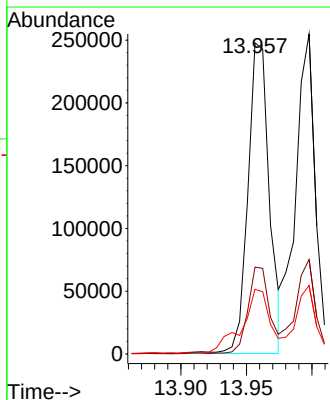
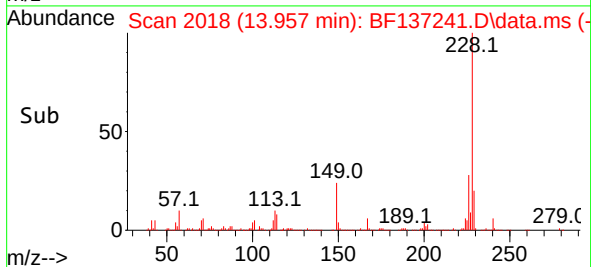
Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

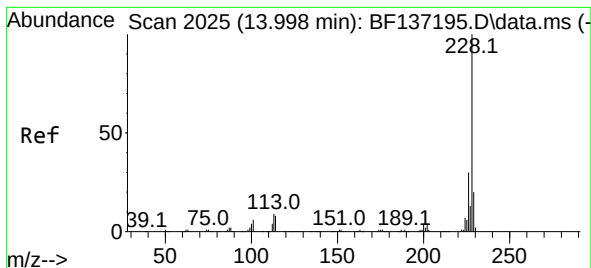


#81
 Benzo(a)anthracene
 Concen: 25.457 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF137241.D
 Acq: 01 Feb 2024 19:54



Tgt Ion:228 Resp: 282422
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.6 32.4
 229 20.8 15.8 23.6





#83

Chrysene

Concen: 25.090 ng

RT: 13.998 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF137241.D

Acq: 01 Feb 2024 19:54

Instrument :

BNA_F

ClientSampleId :

COMP-1

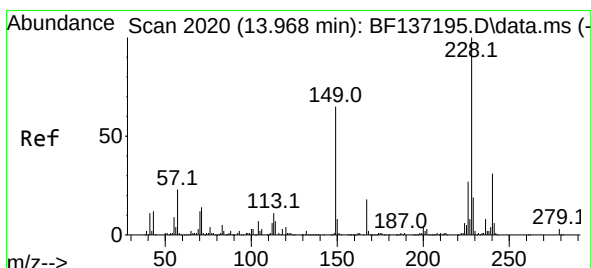
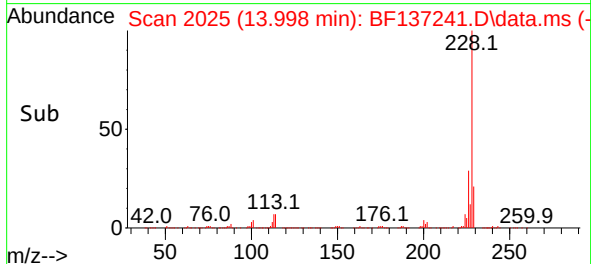
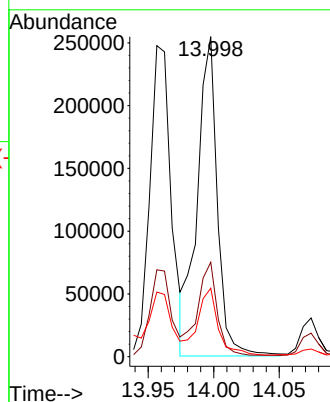
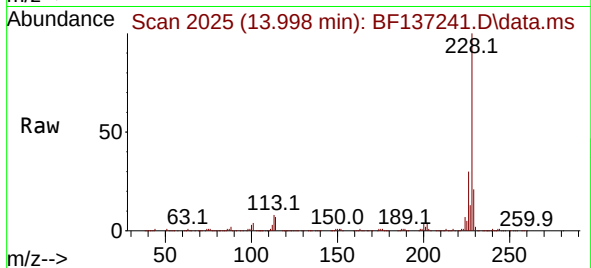
Tgt Ion:228 Resp: 273652

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	21.4	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 29.647 ng

RT: 13.962 min Scan# 2019

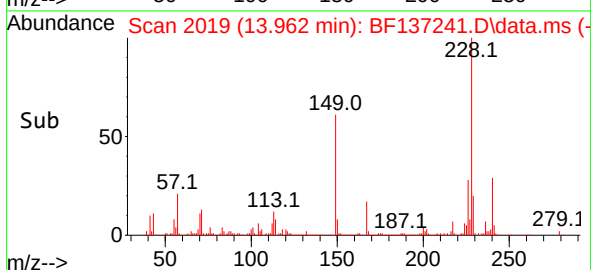
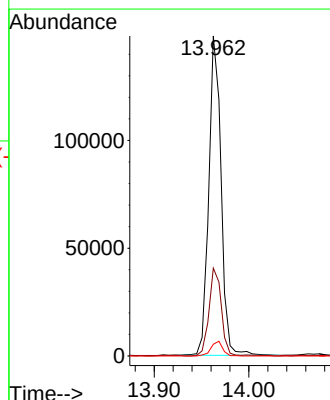
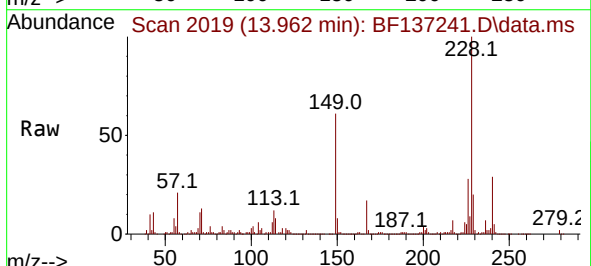
Delta R.T. -0.006 min

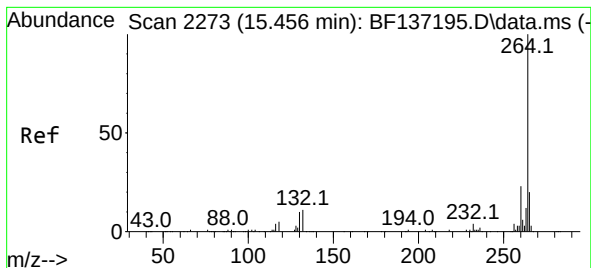
Lab File: BF137241.D

Acq: 01 Feb 2024 19:54

Tgt Ion:149 Resp: 132828

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.7	32.5
279	3.7	3.4	5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137241.D

Acq: 01 Feb 2024 19:54

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tgt Ion:264 Resp: 14068

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

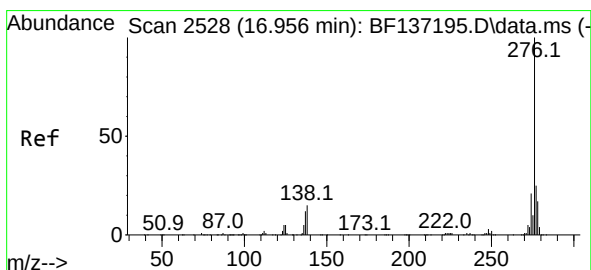
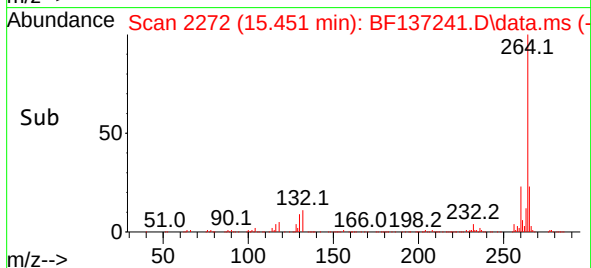
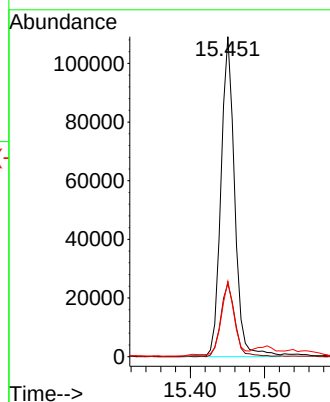
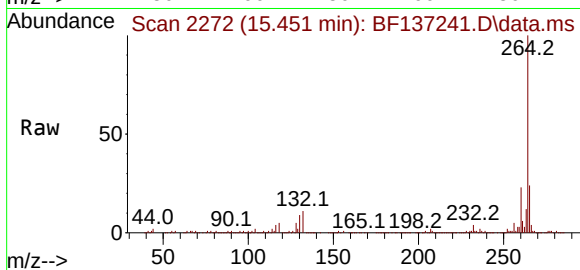
265 23.5 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 9.122 ng

RT: 16.939 min Scan# 2525

Delta R.T. -0.018 min

Lab File: BF137241.D

Acq: 01 Feb 2024 19:54

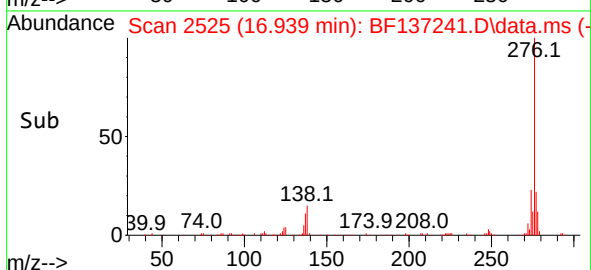
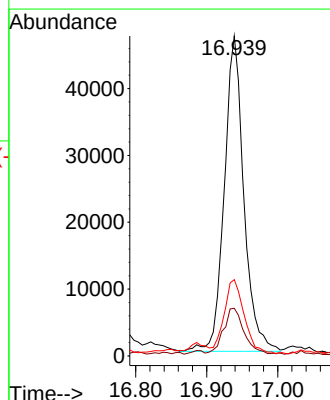
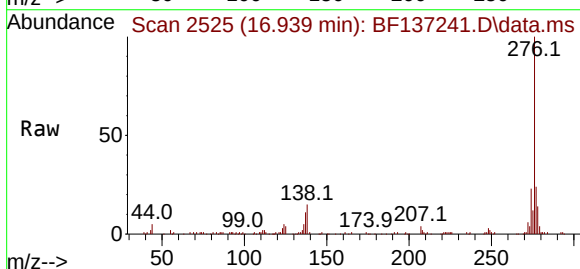
Tgt Ion:276 Resp: 90157

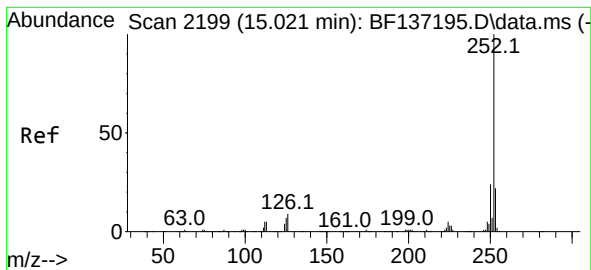
Ion Ratio Lower Upper

276 100

138 16.5 14.6 21.8

277 24.4 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 32.448 ng m

RT: 15.021 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF137241.D

Acq: 01 Feb 2024 19:54

Instrument :

BNA_F

ClientSampleId :

COMP-1

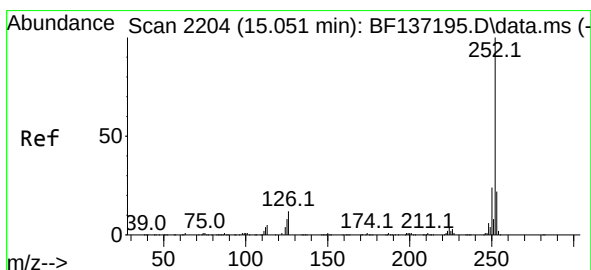
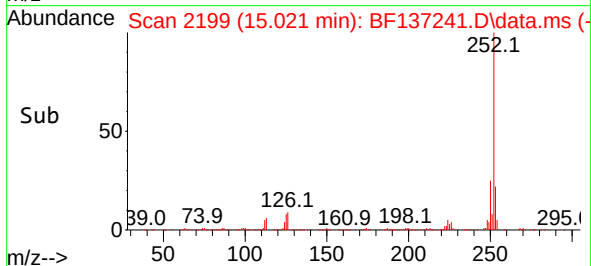
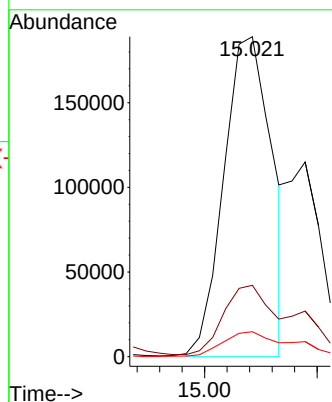
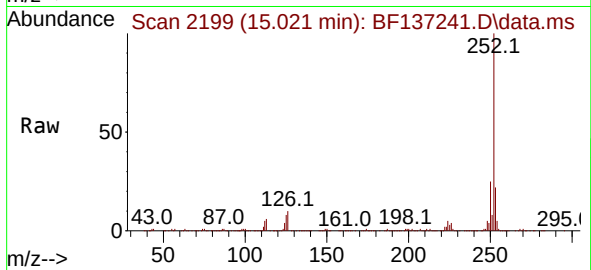
Tgt Ion:252 Resp: 280739

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	7.8	5.4	8.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#89

Benzo(k)fluoranthene

Concen: 13.618 ng m

RT: 15.045 min Scan# 2203

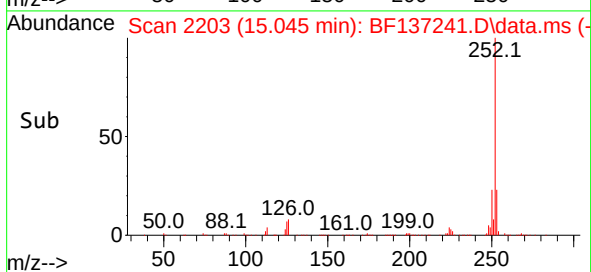
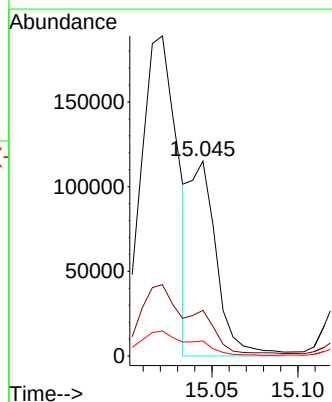
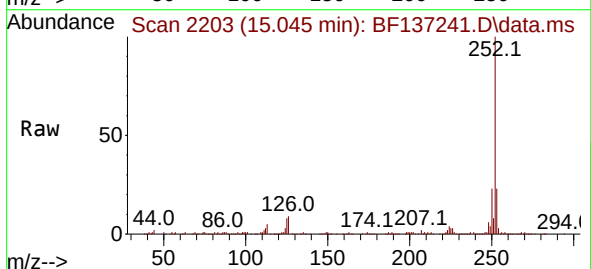
Delta R.T. -0.006 min

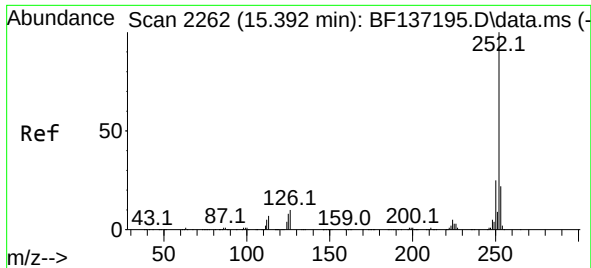
Lab File: BF137241.D

Acq: 01 Feb 2024 19:54

Tgt Ion:252 Resp: 124639

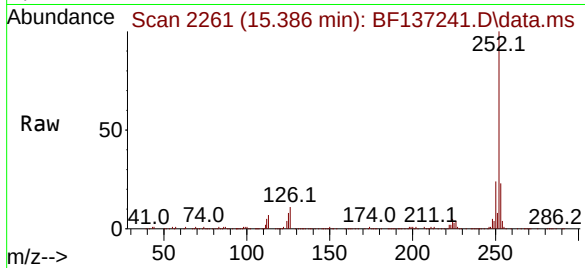
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	7.7	5.9	8.9





#90
Benzo(a)pyrene
Concen: 24.927 ng
RT: 15.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54

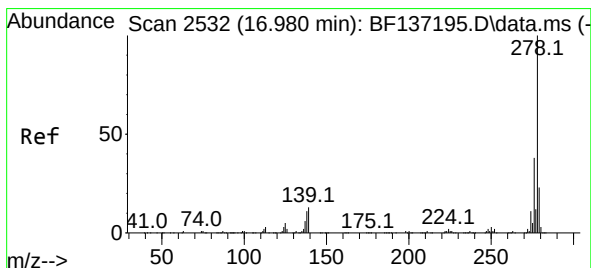
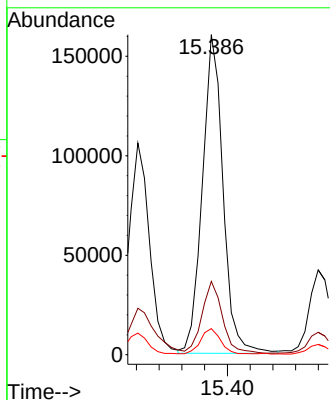
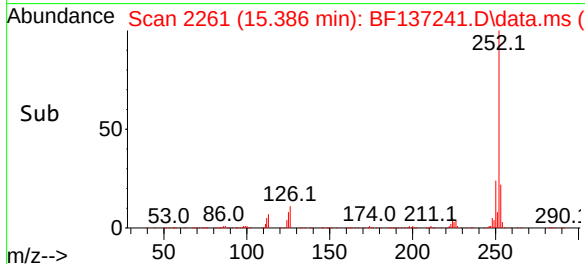
Instrument :
BNA_F
ClientSampleId :
COMP-1



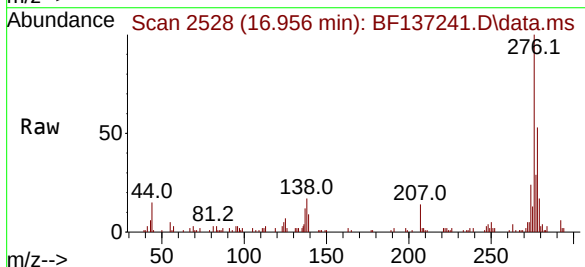
Tgt Ion:252 Resp: 20295
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 8.2 6.5 9.7

Manual Integrations
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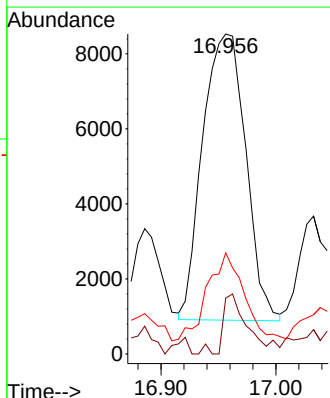
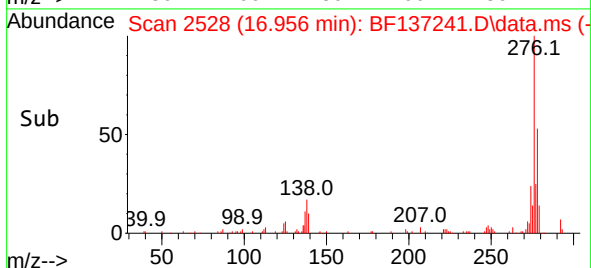
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

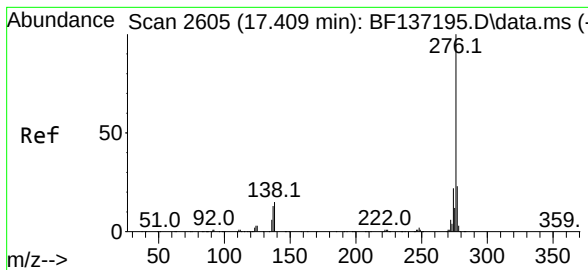


#91
Dibenzo(a,h)anthracene
Concen: 2.511 ng m
RT: 16.956 min Scan# 2528
Delta R.T. -0.024 min
Lab File: BF137241.D
Acq: 01 Feb 2024 19:54



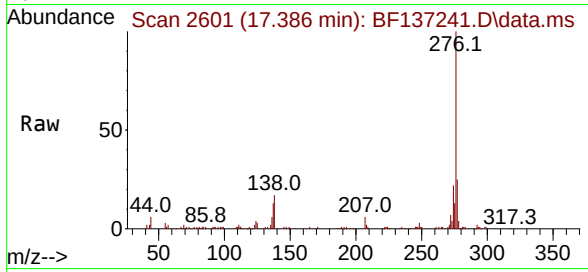
Tgt Ion:278 Resp: 19883
Ion Ratio Lower Upper
278 100
139 17.4 10.0 15.0#
279 31.6 18.5 27.7#





#92
 Benzo(g,h,i)perylene
 Concen: 11.000 ng
 RT: 17.386 min Scan# 20
 Delta R.T. -0.024 min
 Lab File: BF137241.D
 Acq: 01 Feb 2024 19:54

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1



Tgt Ion:276 Resp: 85504
 Ion Ratio Lower Upper
 276 100
 277 25.5 18.4 27.6
 138 17.1 11.8 17.8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

