

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137319.D
 Acq On : 07 Feb 2024 14:43
 Operator : CG\JU
 Sample : P1367-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-7-5-7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/08/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 07 15:12:29 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	6.786	152	53826	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	208873	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	117256	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	189013	20.000	ng	0.00
76) Chrysene-d12	13.962	240	132271	20.000	ng	-0.01
86) Perylene-d12	15.451	264	131566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	291509	89.365	ng	0.00
7) Phenol-d6	6.422	99	403266	86.626	ng	0.00
23) Nitrobenzene-d5	7.345	82	267208	57.276	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	103396	78.080	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	490097	57.457	ng	0.00
79) Terphenyl-d14	12.910	244	429509	44.144	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	21508	2.174	ng	95
74) Di-n-butylphthalate	11.886	149	19790	2.124	ng	99
75) Fluoranthene	12.527	202	47759	4.612	ng	97
78) Pyrene	12.757	202	44282	3.484	ng	98
81) Benzo(a)anthracene	13.957	228	27426	2.928	ng	94
83) Chrysene	13.992	228	25023m	2.717	ng	
88) Benzo(b)fluoranthene	15.015	252	35973m	4.446	ng	
90) Benzo(a)pyrene	15.386	252	25076	3.293	ng	# 97
92) Benzo(g,h,i)perylene	17.392	276	16408	2.257	ng	97

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

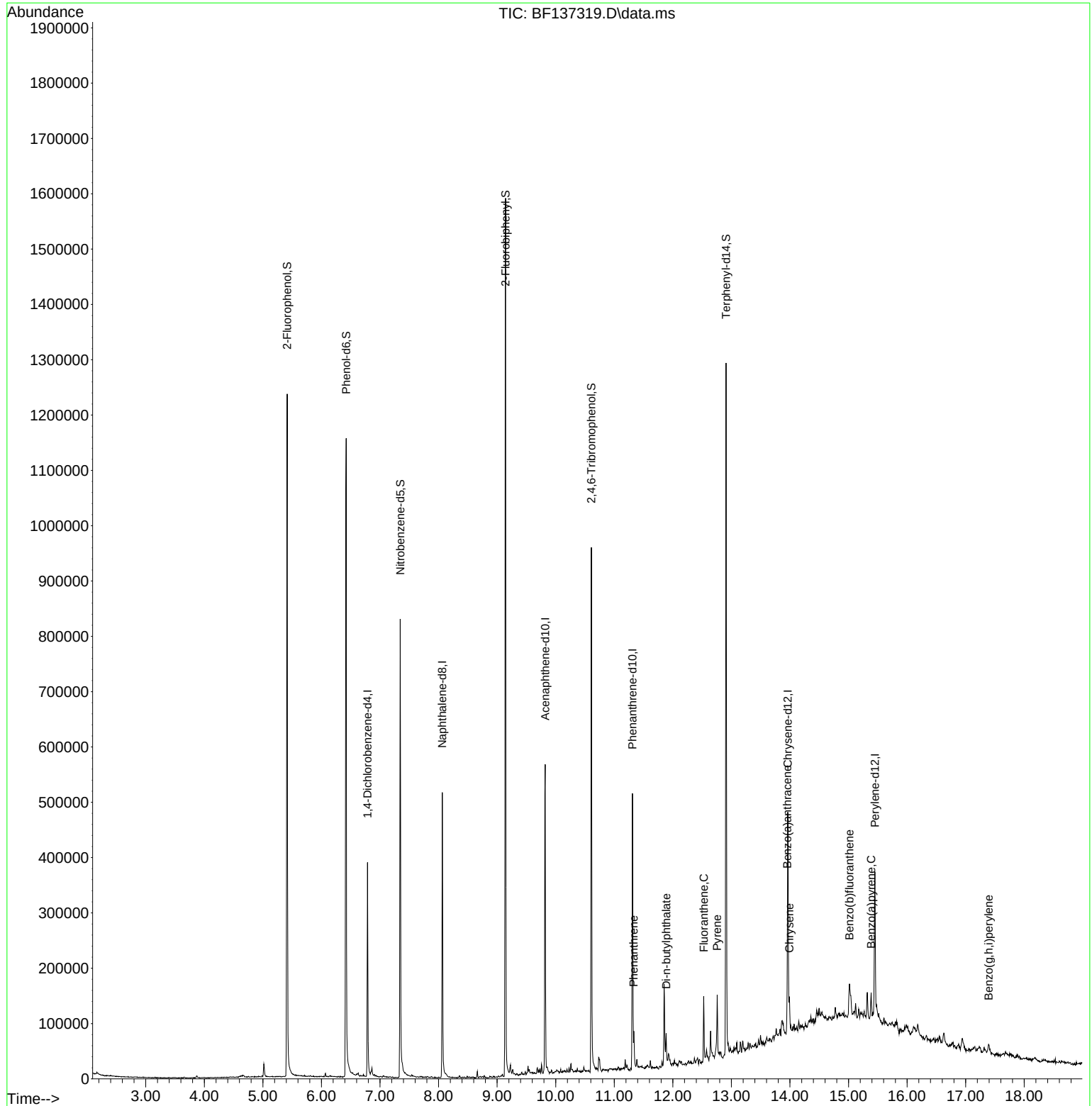
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
Data File : BF137319.D
Acq On : 07 Feb 2024 14:43
Operator : CG\JU
Sample : P1367-07
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ALS Vial : 9 Sample Multiplier: 1

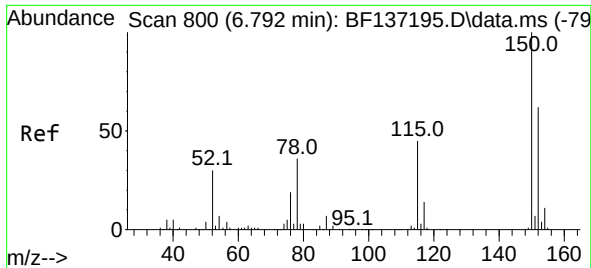
Instrument :
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ClientSampleId :
EB-7-5-7

Quant Time: Feb 07 15:12:29 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
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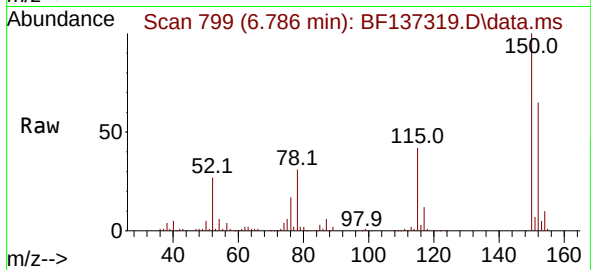
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

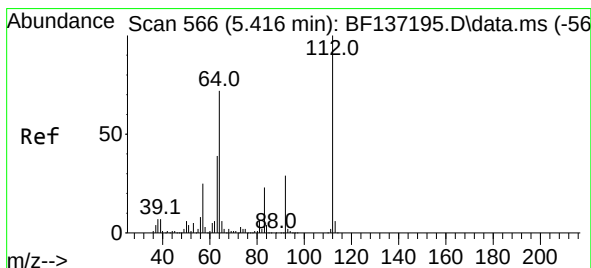
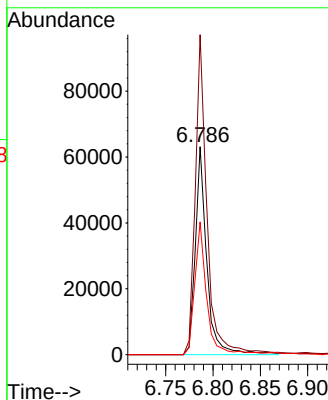
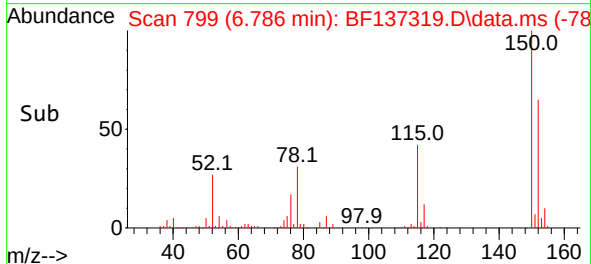
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7



Tgt Ion:152 Resp: 53820
Ion Ratio Lower Upper
152 100
150 153.8 129.8 194.8
115 63.9 58.5 87.7

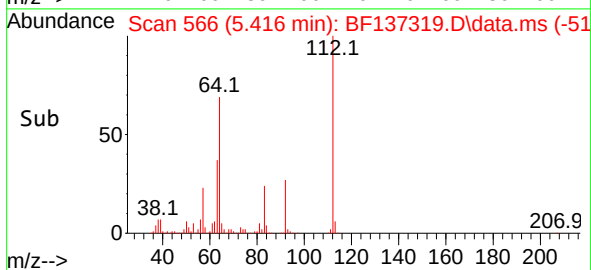
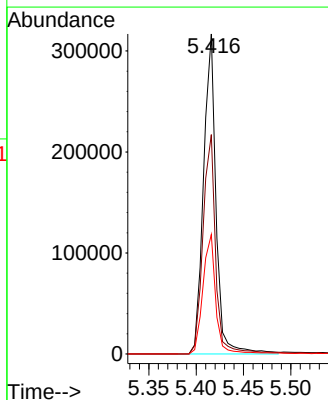
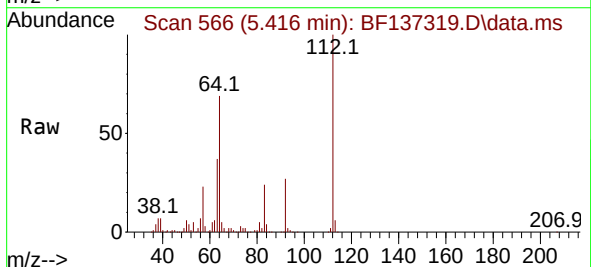
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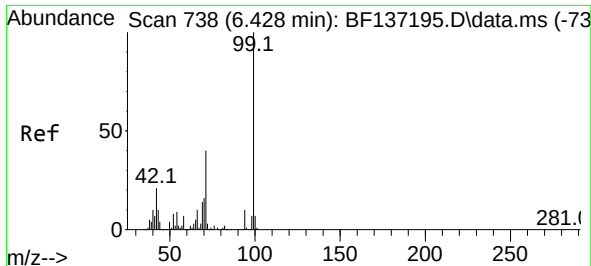
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#5
2-Fluorophenol
Concen: 89.365 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.000 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

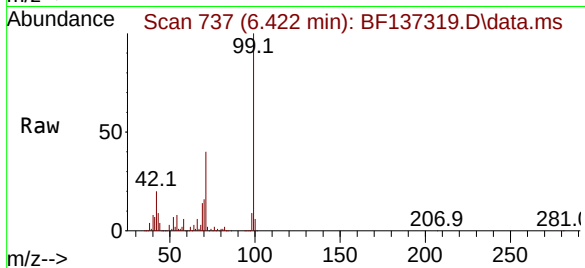
Tgt Ion:112 Resp: 291509
Ion Ratio Lower Upper
112 100
64 68.6 57.8 86.6
63 37.3 31.4 47.0





#7
Phenol-d6
Concen: 86.626 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

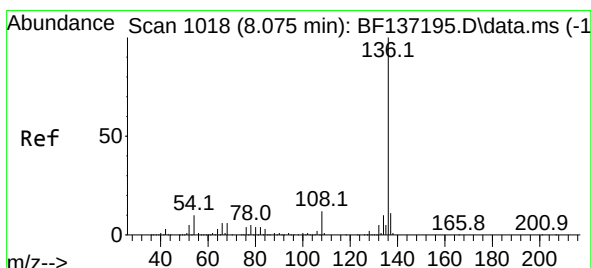
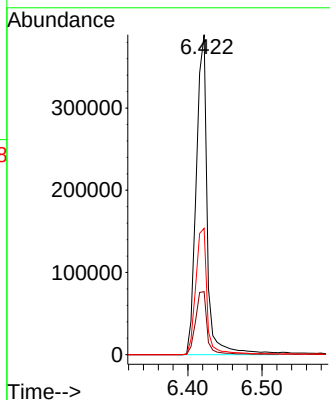
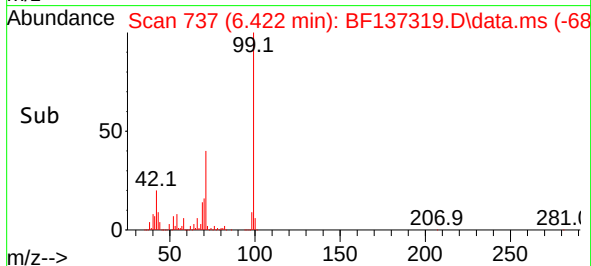
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7



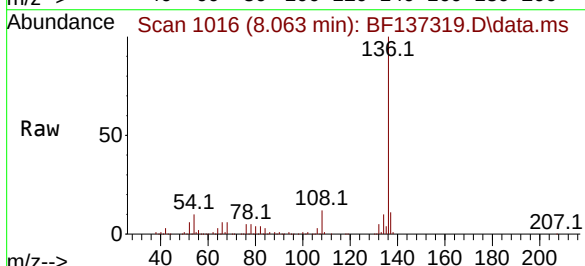
Tgt Ion: 99 Resp: 403260
Ion Ratio Lower Upper
99 100
42 19.7 16.4 24.6
71 39.5 32.4 48.6

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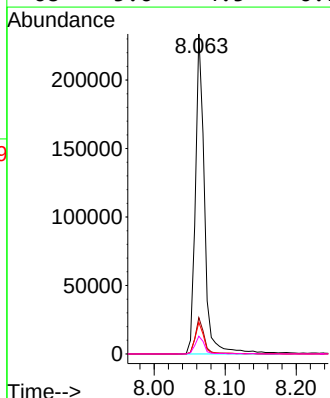
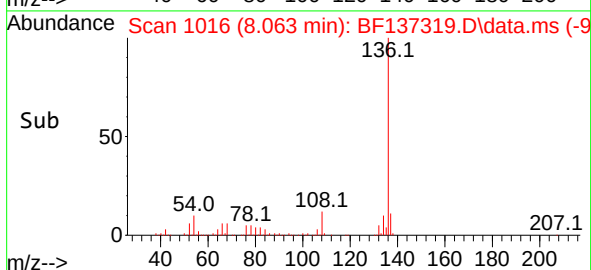
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Supervised By :mohammad ahmed 02/09/2024

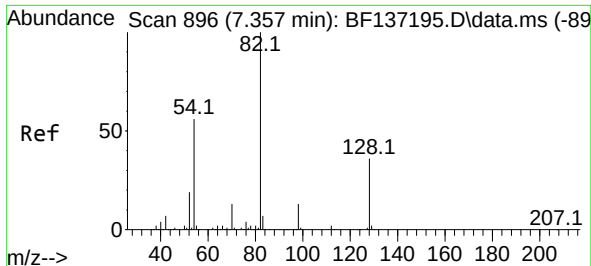


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43



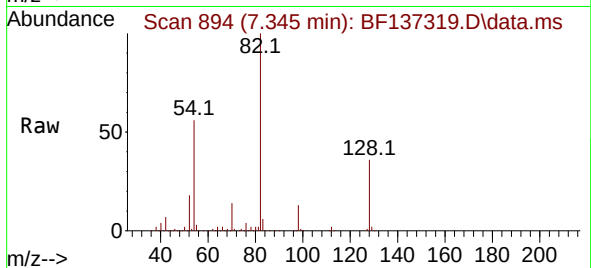
Tgt Ion:136 Resp: 208873
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.9 7.8 11.8
68 5.6 4.5 6.7





#23
Nitrobenzene-d5
Concen: 57.276 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

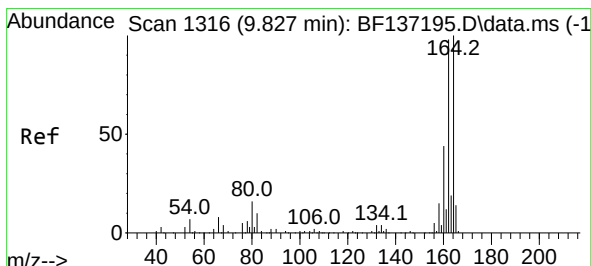
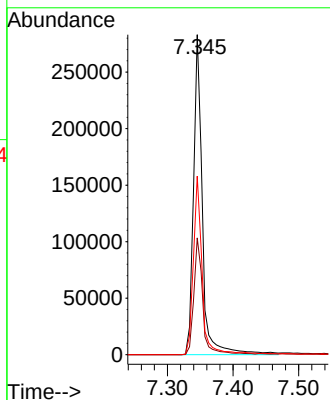
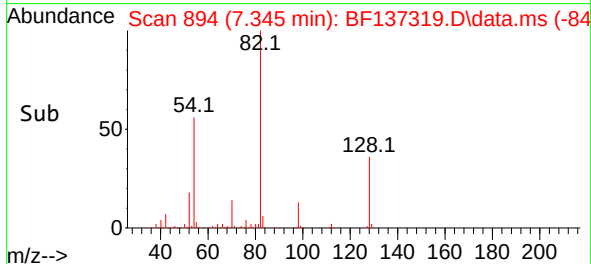
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7



Tgt Ion: 82 Resp: 267208
Ion Ratio Lower Upper
82 100
128 36.5 29.1 43.7
54 55.8 45.0 67.6

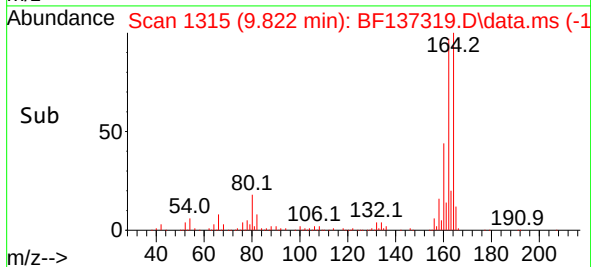
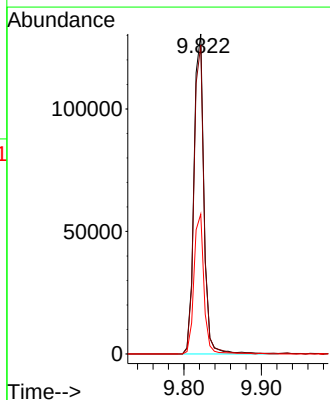
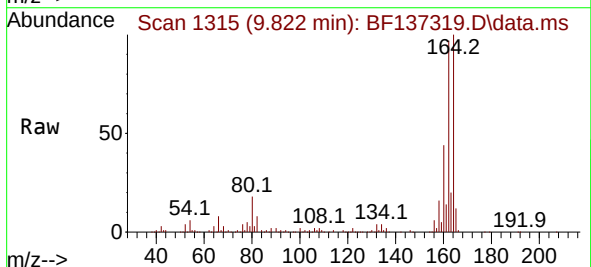
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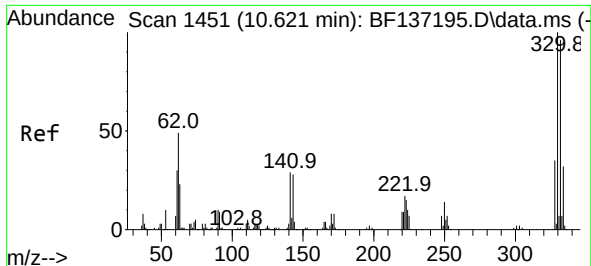
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

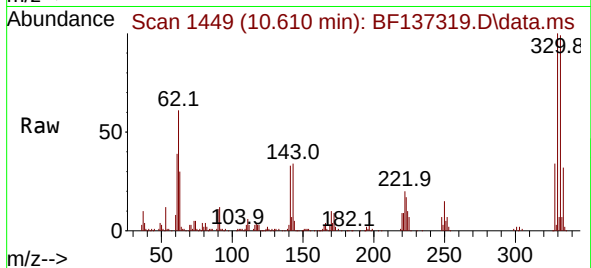
Tgt Ion:164 Resp: 117256
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 43.7 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 78.080 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

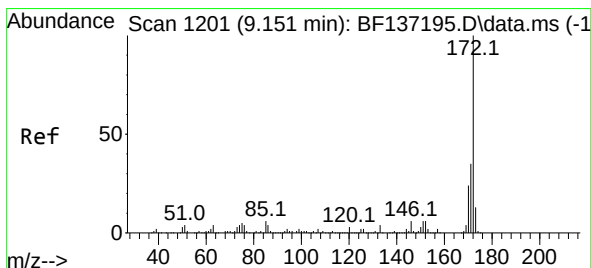
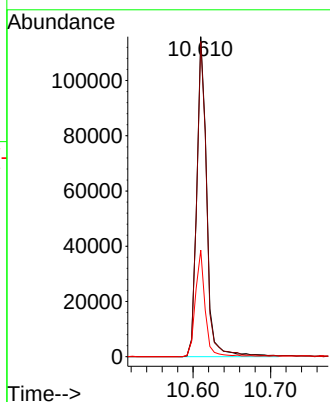
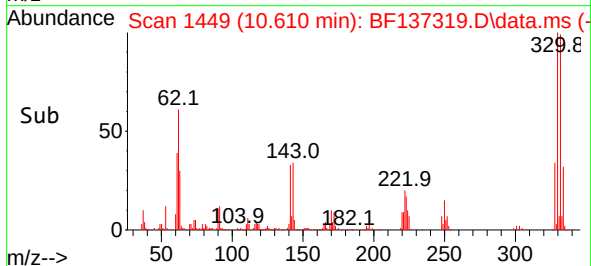
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7



Tgt Ion: 330 Resp: 103390
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 32.9 25.2 37.8

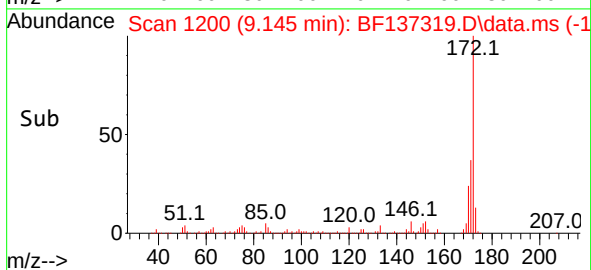
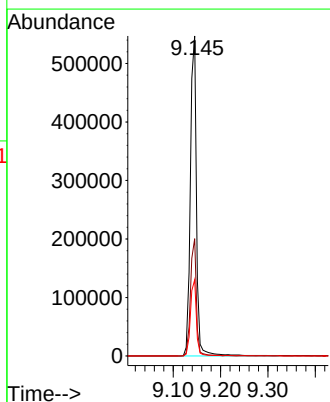
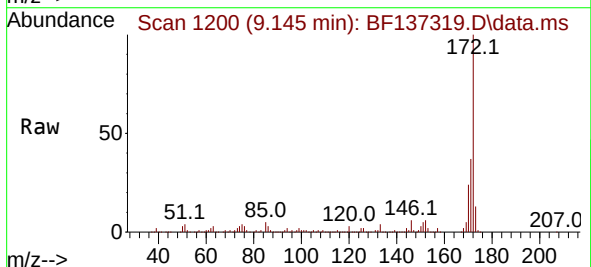
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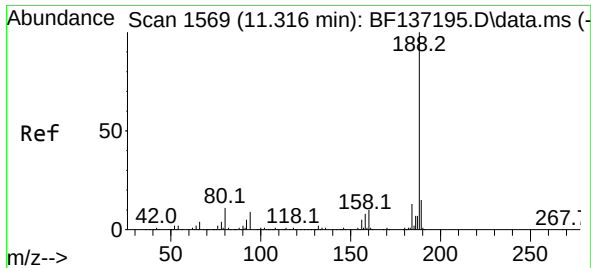
Reviewed By : Jagrut Upadhyay 02/08/2024
Supervised By : mohammad ahmed 02/09/2024



#45
2-Fluorobiphenyl
Concen: 57.457 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

Tgt Ion: 172 Resp: 490097
Ion Ratio Lower Upper
172 100
171 36.7 28.3 42.5
170 23.8 19.1 28.7





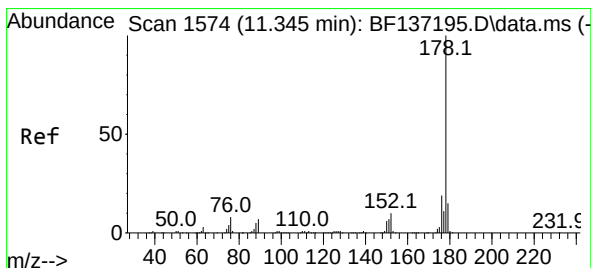
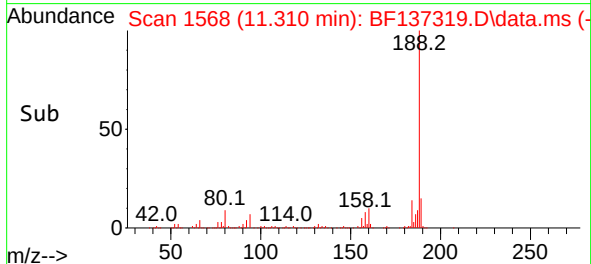
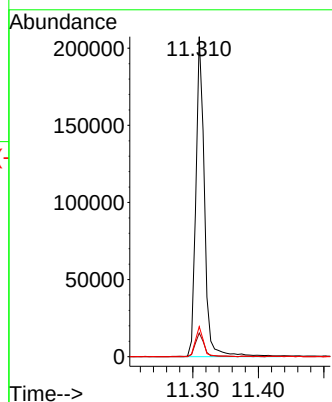
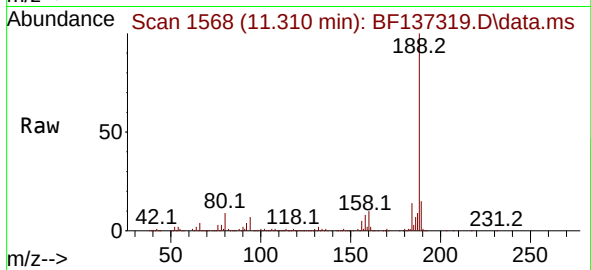
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

Instrument :
BNA_F
ClientSampleId :
EB-7-5-7

Tgt Ion:188 Resp: 18901
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 9.4 8.8 13.2

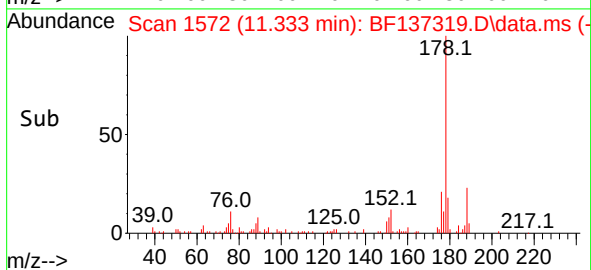
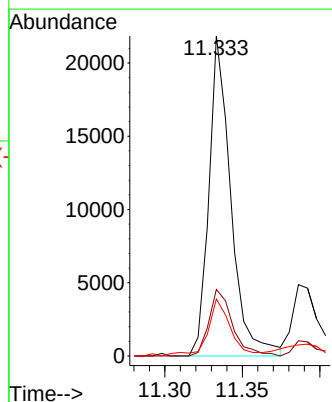
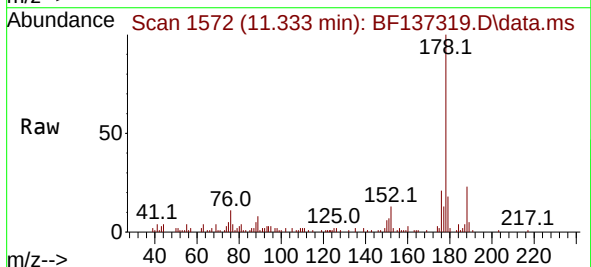
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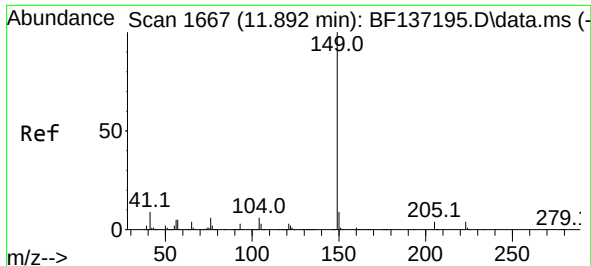
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#71
Phenanthrene
Concen: 2.174 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

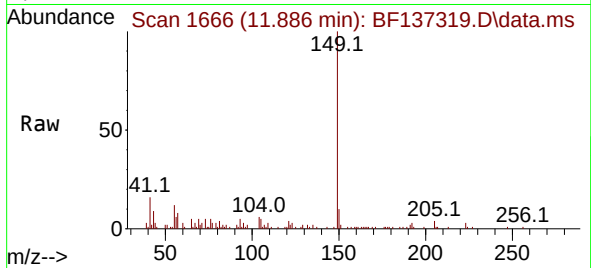
Tgt Ion:178 Resp: 21508
Ion Ratio Lower Upper
178 100
176 20.8 15.1 22.7
179 17.8 12.1 18.1





#74
Di-n-butylphthalate
Concen: 2.124 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

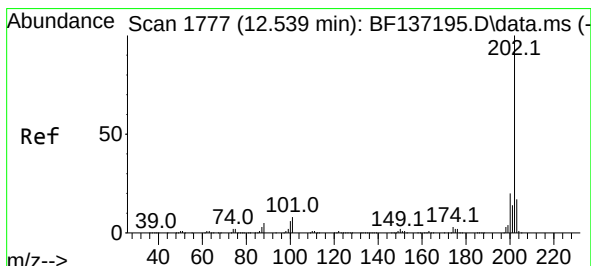
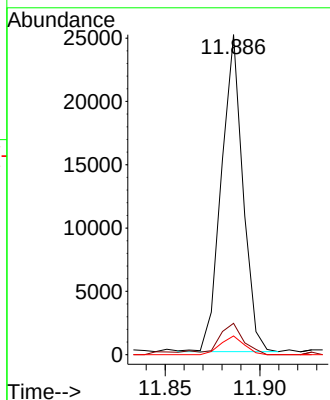
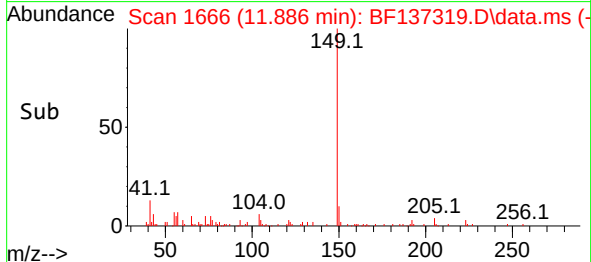
Instrument : BNA_F
ClientSampleId : EB-7-5-7



Tgt Ion:149 Resp: 19790
Ion Ratio Lower Upper
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150 9.8 7.4 11.0
104 5.8 4.5 6.7

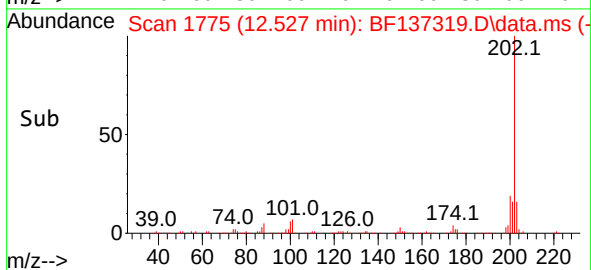
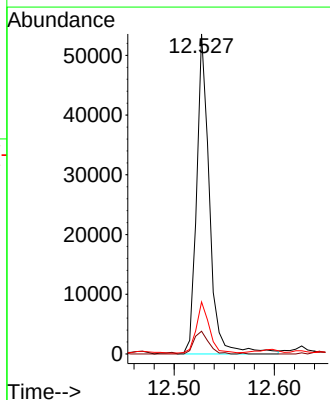
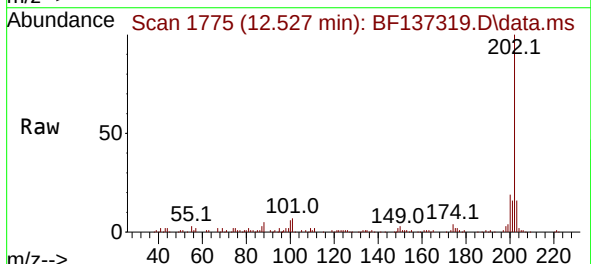
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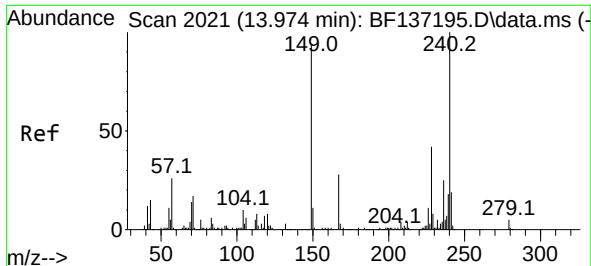
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#75
Fluoranthene
Concen: 4.612 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

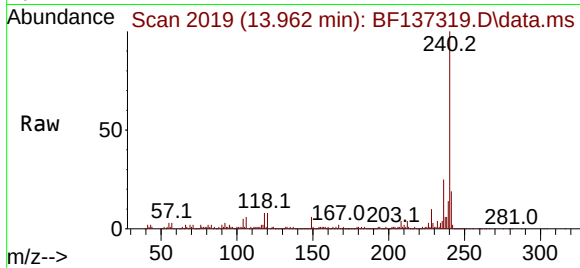
Tgt Ion:202 Resp: 47759
Ion Ratio Lower Upper
202 100
101 7.1 0.0 28.4
203 16.3 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

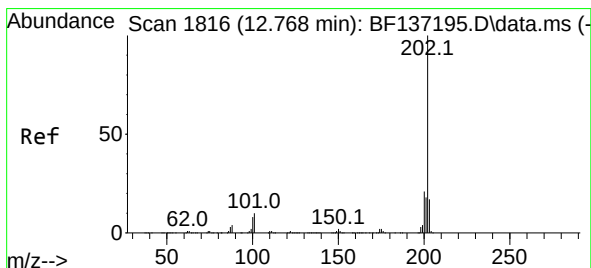
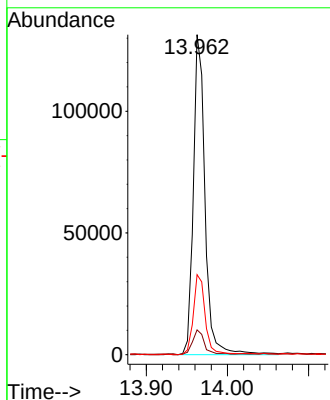
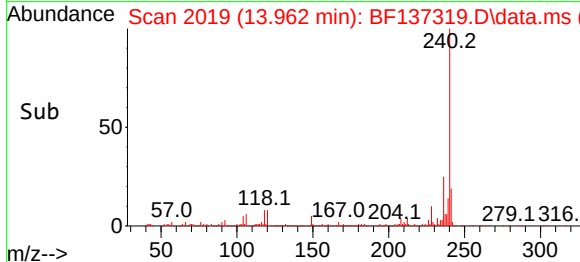
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7



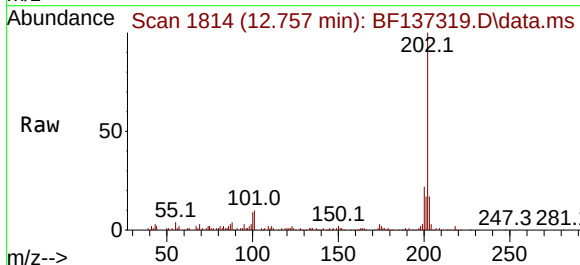
Tgt Ion:240 Resp: 13227
Ion Ratio Lower Upper
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120 7.7 6.3 9.5
236 25.0 20.3 30.5

Manual Integrations
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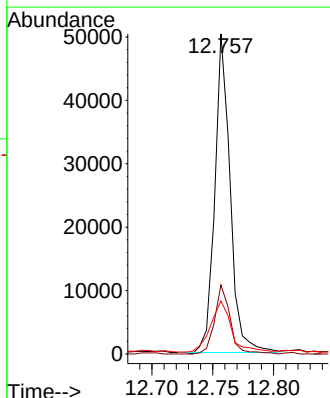
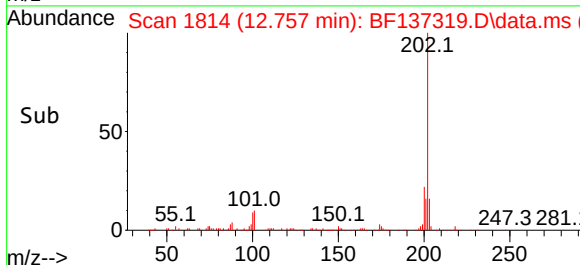
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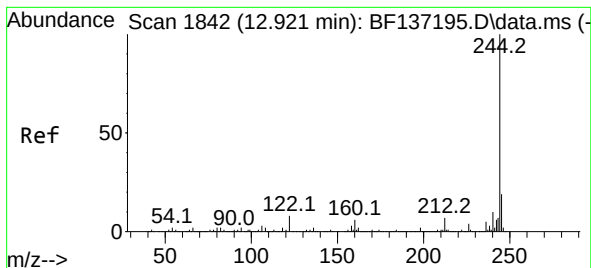


#78
Pyrene
Concen: 3.484 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43



Tgt Ion:202 Resp: 44282
Ion Ratio Lower Upper
202 100
200 21.5 16.5 24.7
203 16.6 13.8 20.6





#79

Terphenyl-d14

Concen: 44.144 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF137319.D

Acq: 07 Feb 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EB-7-5-7

Tgt Ion:244 Resp: 429509

Ion Ratio Lower Upper

244 100

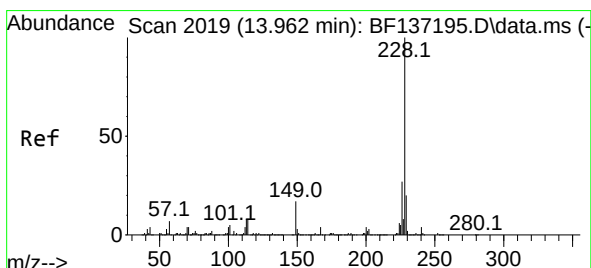
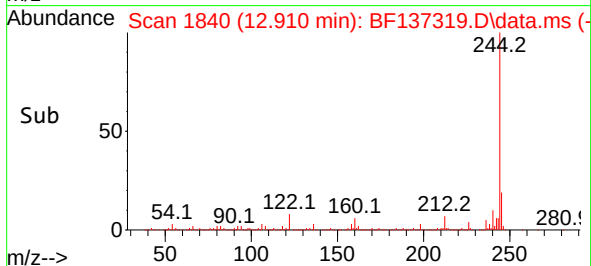
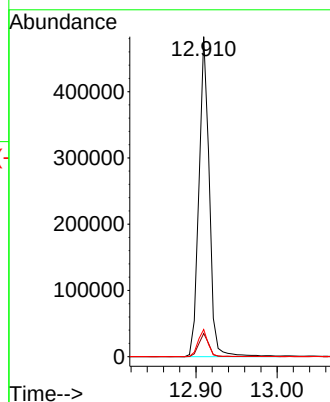
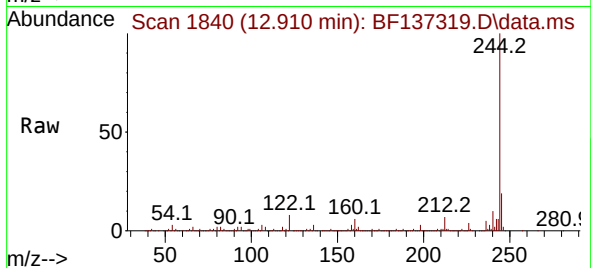
212 7.2 5.5 8.3

122 8.5 6.2 9.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#81

Benzo(a)anthracene

Concen: 2.928 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF137319.D

Acq: 07 Feb 2024 14:43

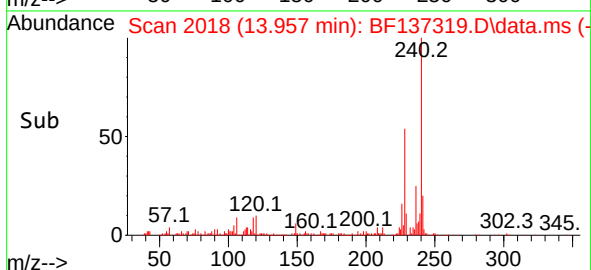
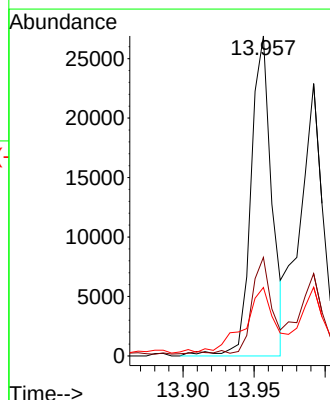
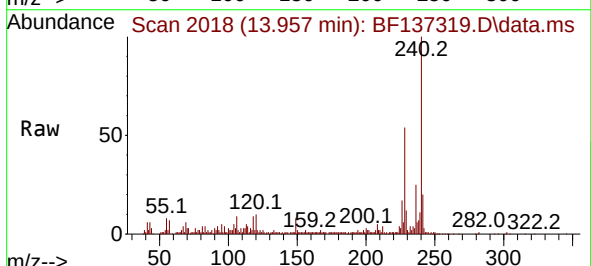
Tgt Ion:228 Resp: 27426

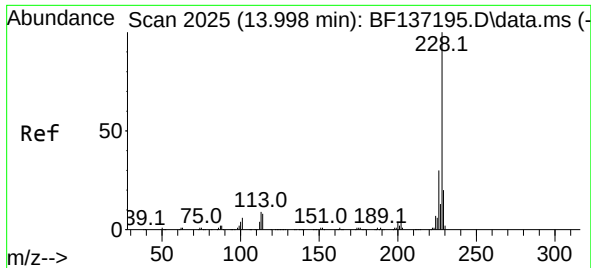
Ion Ratio Lower Upper

228 100

226 30.8 21.6 32.4

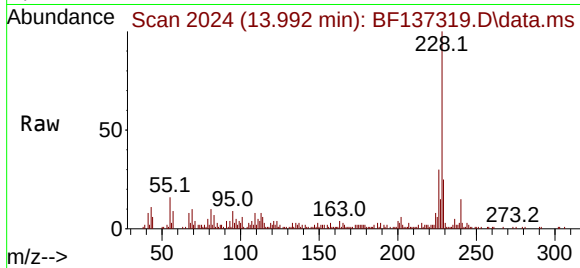
229 21.4 15.8 23.6





#83
Chrysene
Concen: 2.717 ng m
RT: 13.992 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

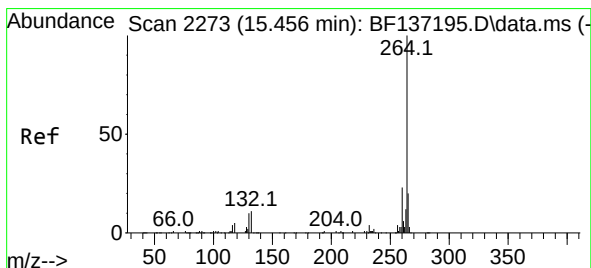
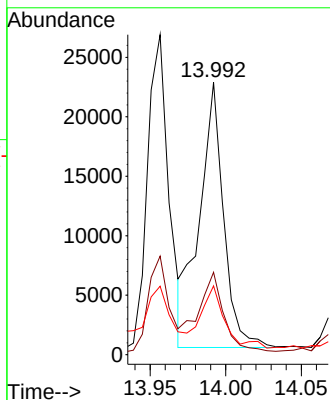
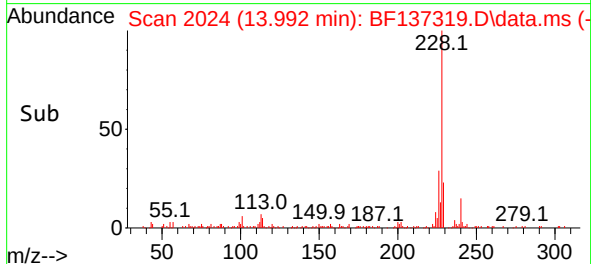
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7



Tgt Ion:228 Resp: 2502
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 25.3 15.6 23.4

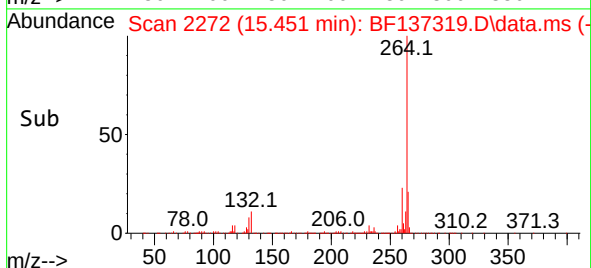
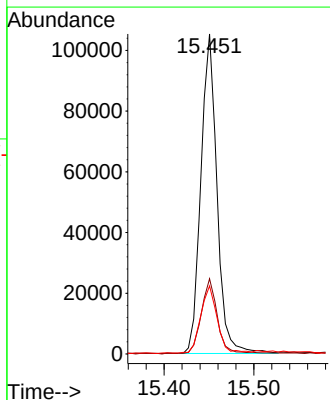
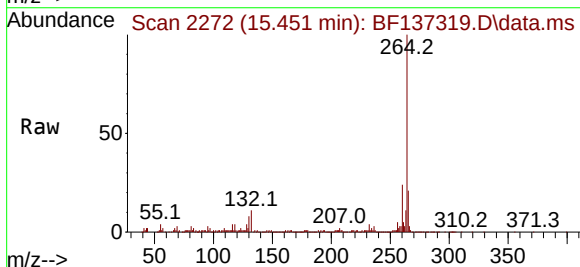
Manual Integrations
APPROVED

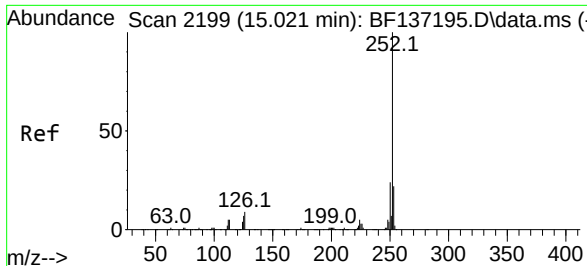
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

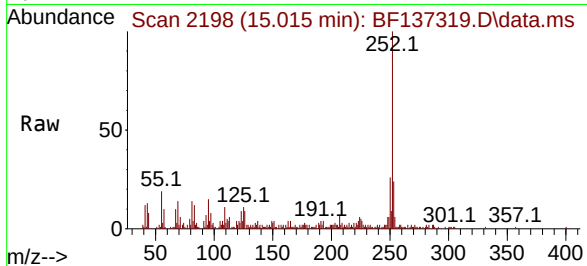
Tgt Ion:264 Resp: 131566
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.4
265 21.2 16.2 24.2





#88
Benzo(b)fluoranthene
Concen: 4.446 ng m
RT: 15.015 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43

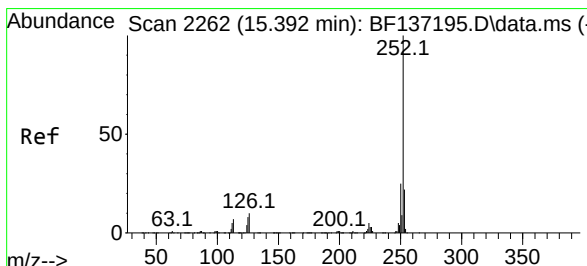
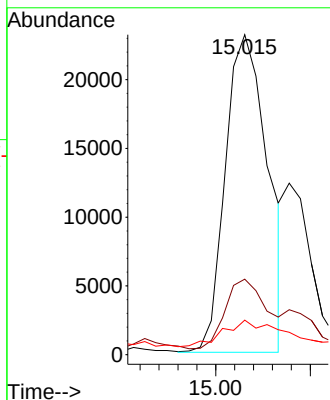
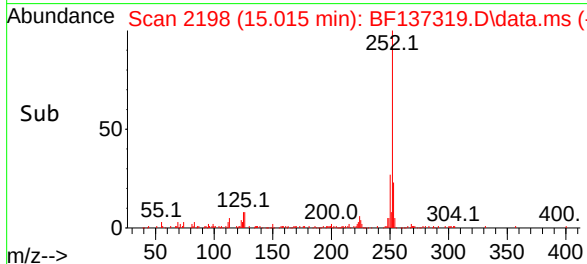
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7



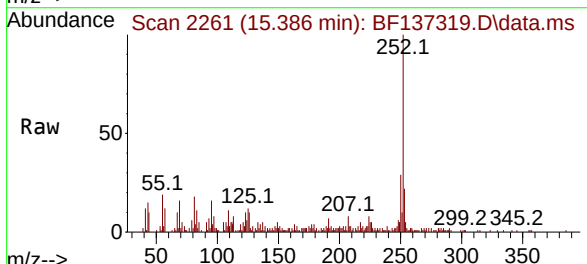
Tgt Ion:252 Resp: 3597
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 10.8 5.4 8.2

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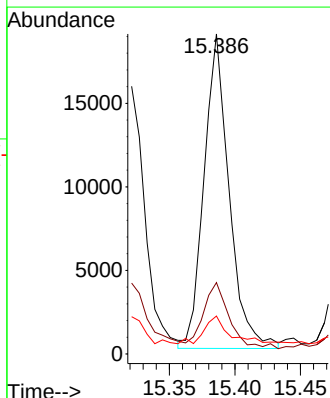
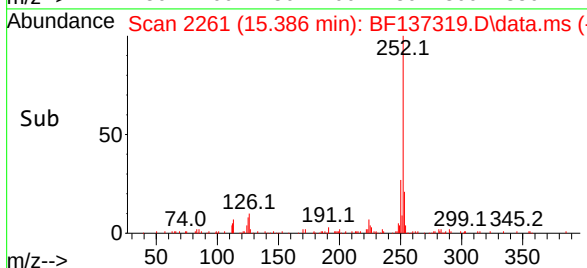
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024

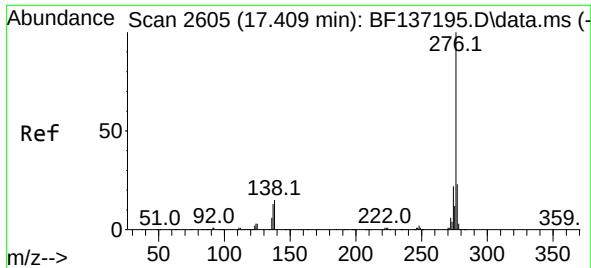


#90
Benzo(a)pyrene
Concen: 3.293 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF137319.D
Acq: 07 Feb 2024 14:43



Tgt Ion:252 Resp: 25076
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.9 6.5 9.7





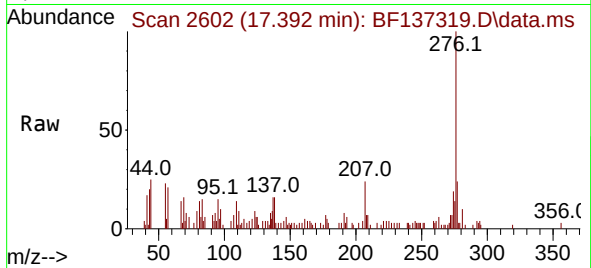
#92
 Benzo(g,h,i)perylene
 Concen: 2.257 ng
 RT: 17.392 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF137319.D
 Acq: 07 Feb 2024 14:43

Instrument :

BNA_F

ClientSampleId :

EB-7-5-7



Tgt Ion:	276	Resp:	16408
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.4	27.6
138	16.2	11.8	17.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/08/2024
 Supervised By :mohammad ahmed 02/09/2024

