

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141359.D
 Acq On : 01 Feb 2025 03:37
 Operator : RC/JU
 Sample : Q1239-01 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 286

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 01 04:08:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	102246	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	345709	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	162562	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	309606	20.000	ng	0.00
76) Chrysene-d12	13.968	240	211234	20.000	ng	0.00
86) Perylene-d12	15.427	264	169352	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	327243	49.135	ng	0.01
7) Phenol-d6	6.445	99	364480	43.019	ng	0.00
23) Nitrobenzene-d5	7.357	82	210159	32.047	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	74673	50.105	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	337238	31.931	ng	0.00
79) Terphenyl-d14	12.910	244	438250	31.996	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.539	202	99424	6.050	ng	100
78) Pyrene	12.769	202	82499	4.069	ng	98
81) Benzo(a)anthracene	13.957	228	36070	2.475	ng	# 85
83) Chrysene	13.992	228	38219	2.861	ng	# 93
88) Benzo(b)fluoranthene	15.004	252	40847m	3.834	ng	
90) Benzo(a)pyrene	15.362	252	28104	3.122	ng	# 74
92) Benzo(g,h,i)perylene	17.309	276	19320	2.113	ng	# 80

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

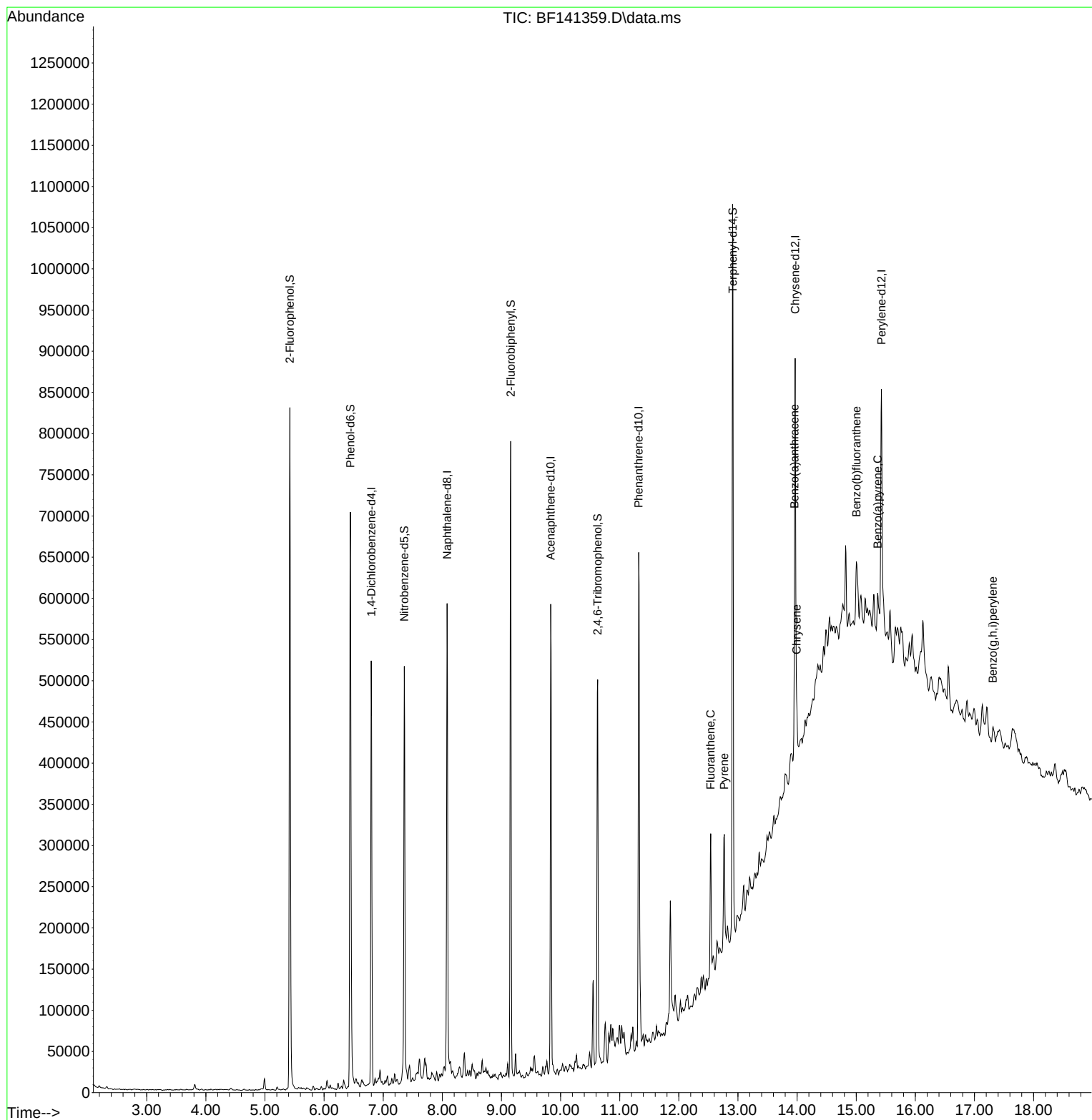
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141359.D
Acq On : 01 Feb 2025 03:37
Operator : RC/JU
Sample : Q1239-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

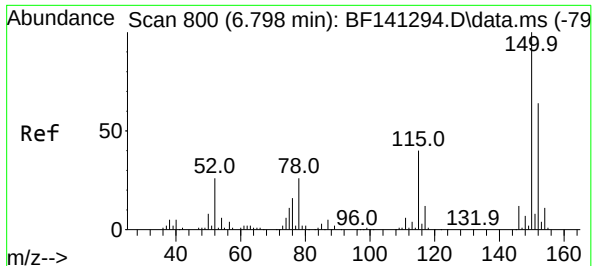
Instrument :
BNA_F
ClientSampleId :
286

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Supervised By :mohammad ahmed 02/04/2025

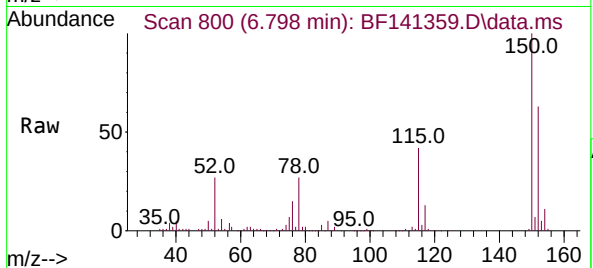
Quant Time: Feb 01 04:08:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141359.D
Acq: 01 Feb 2025 03:37

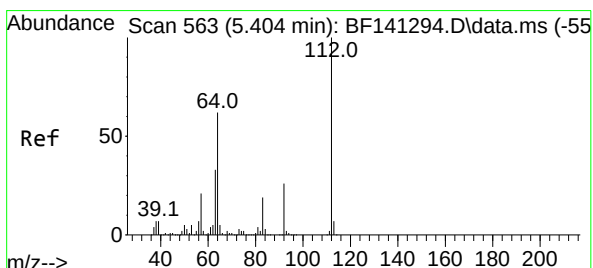
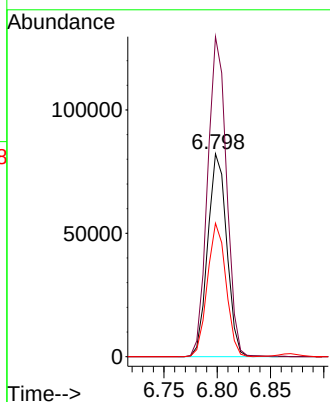
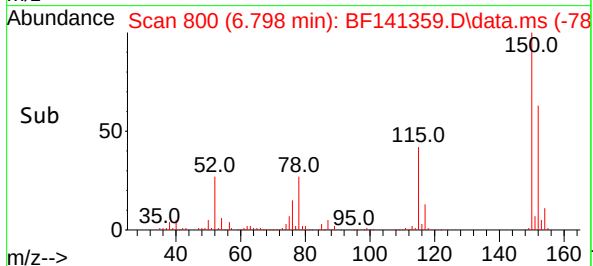
Instrument :
BNA_F
ClientSampleId :
286



Tgt Ion:152 Resp: 102240
Ion Ratio Lower Upper
152 100
150 157.7 125.9 188.9
115 65.8 49.7 74.5

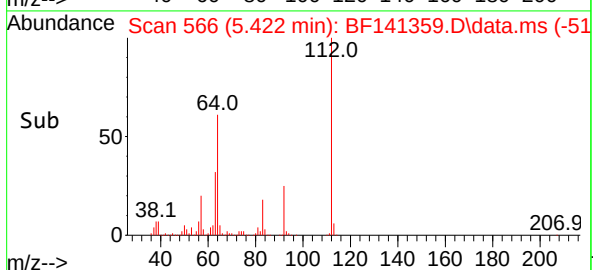
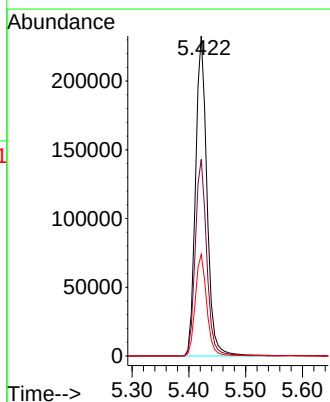
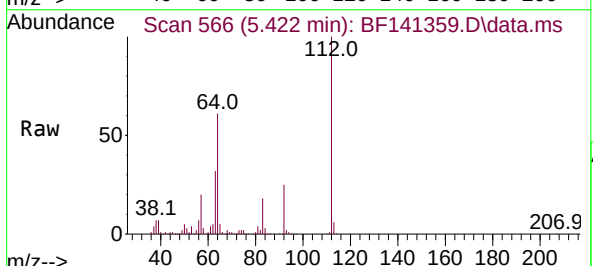
Manual Integrations
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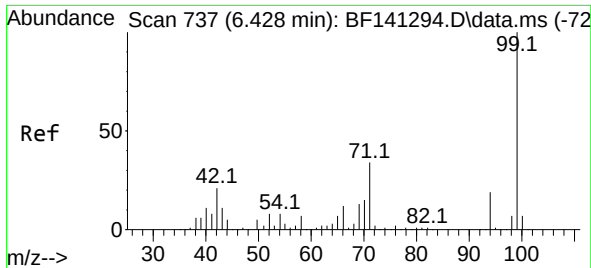
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#5
2-Fluorophenol
Concen: 49.135 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141359.D
Acq: 01 Feb 2025 03:37

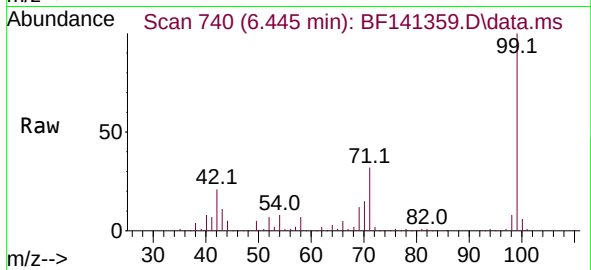
Tgt Ion:112 Resp: 327243
Ion Ratio Lower Upper
112 100
64 61.5 49.8 74.8
63 31.7 26.1 39.1





#7
Phenol-d6
Concen: 43.019 ng
RT: 6.445 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF141359.D
Acq: 01 Feb 2025 03:37

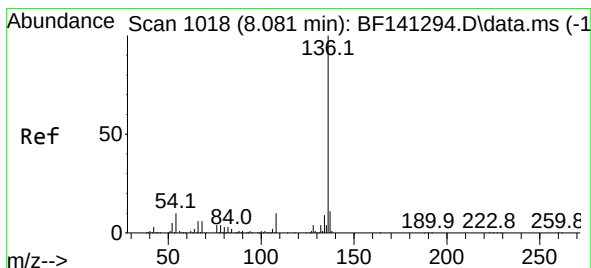
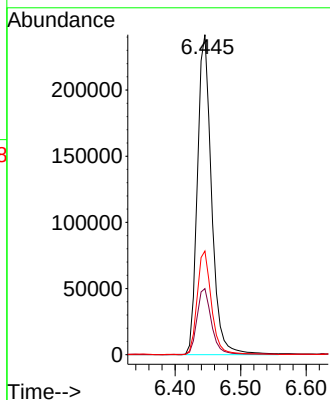
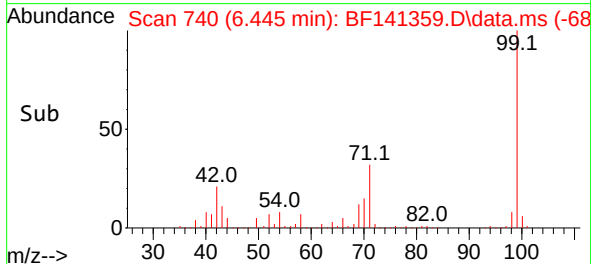
Instrument :
BNA_F
ClientSampleId :
286



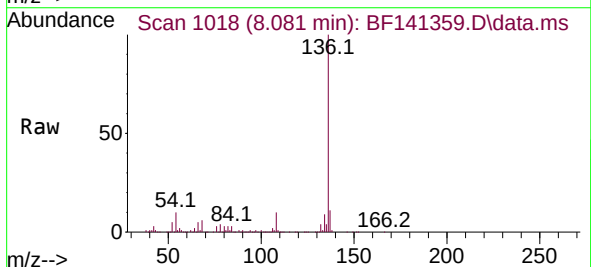
Tgt Ion: 99 Resp: 364480
Ion Ratio Lower Upper
99 100
42 20.6 17.1 25.7
71 32.4 26.9 40.3

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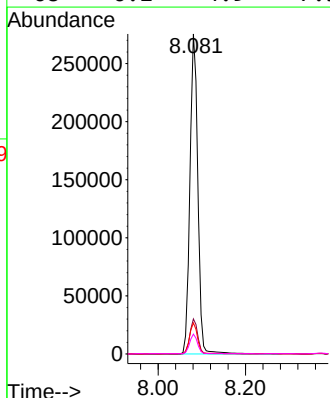
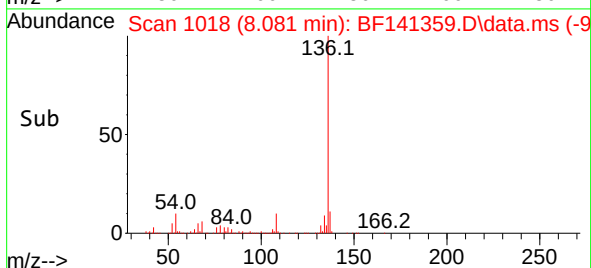
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

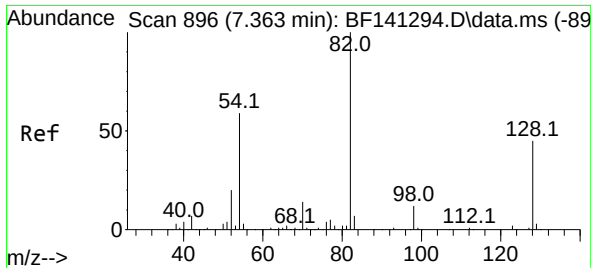


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141359.D
Acq: 01 Feb 2025 03:37



Tgt Ion:136 Resp: 345709
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.7 7.8 11.8
68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 32.047 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF141359.D

Acq: 01 Feb 2025 03:37

Instrument :

BNA_F

ClientSampleId :

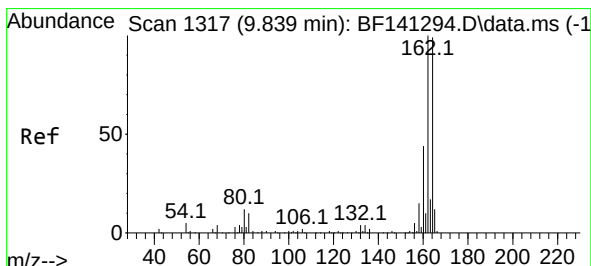
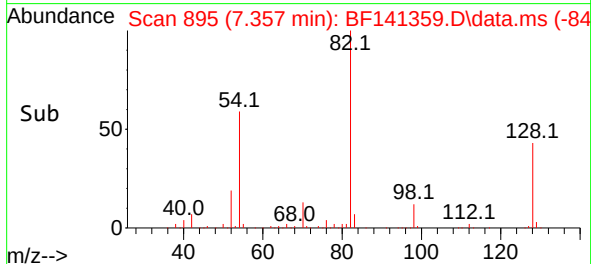
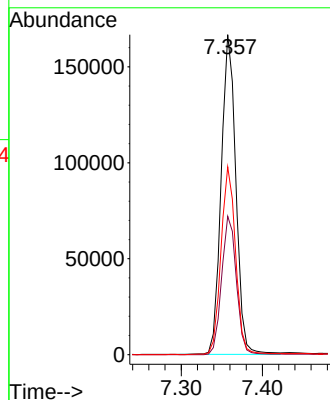
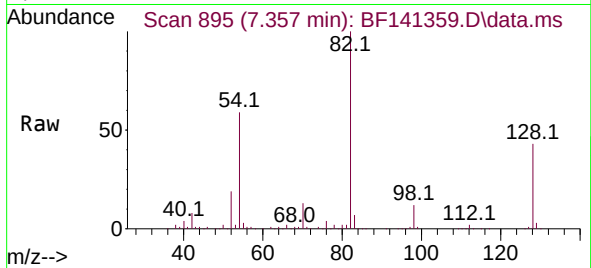
286

Tgt Ion: 82 Resp: 210159
 Ion Ratio Lower Upper
 82 100
 128 43.2 35.7 53.5
 54 58.7 47.1 70.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

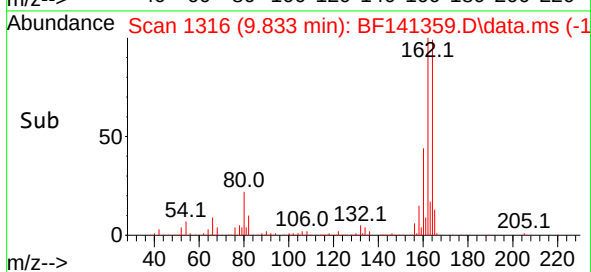
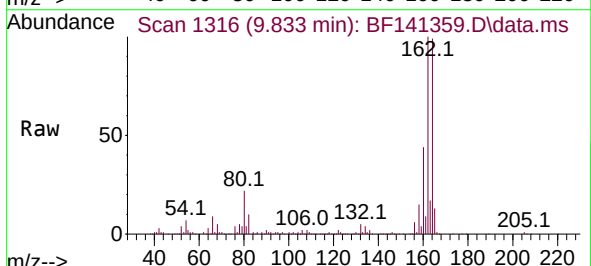
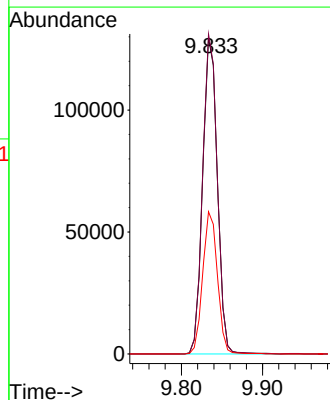
RT: 9.833 min Scan# 1316

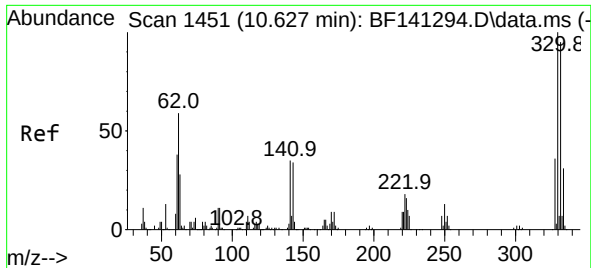
Delta R.T. -0.006 min

Lab File: BF141359.D

Acq: 01 Feb 2025 03:37

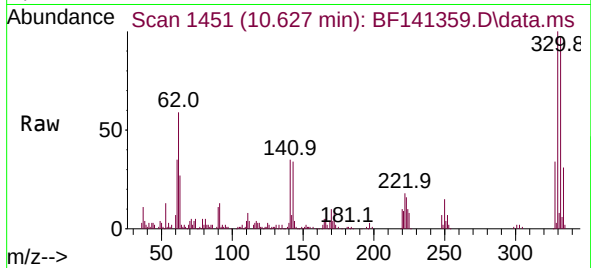
Tgt Ion:164 Resp: 162562
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.6 121.0
 160 45.0 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 50.105 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141359.D
Acq: 01 Feb 2025 03:37

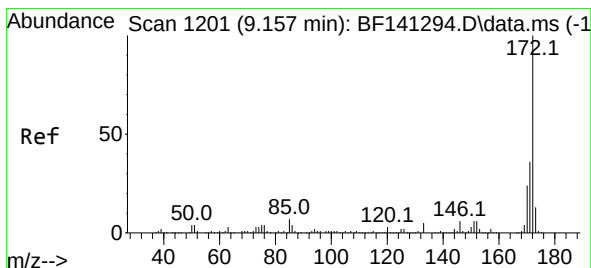
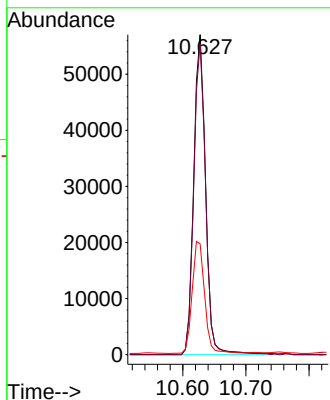
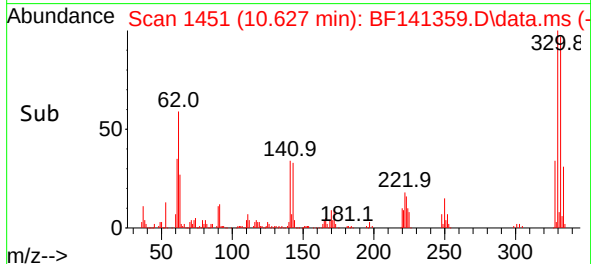
Instrument :
BNA_F
ClientSampleId :
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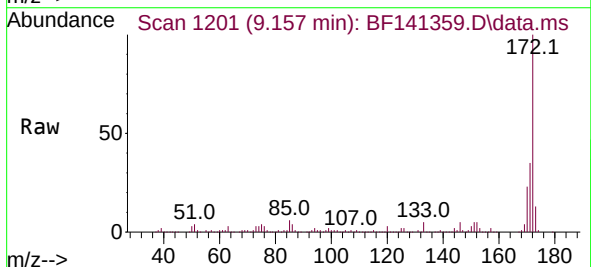
Tgt Ion: 330 Resp: 7467
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 36.5 28.8 43.2

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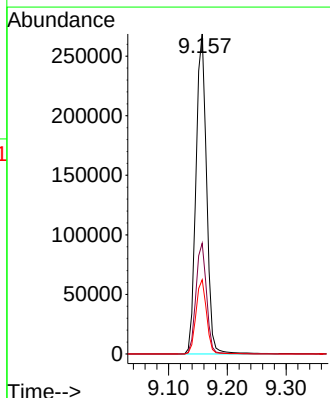
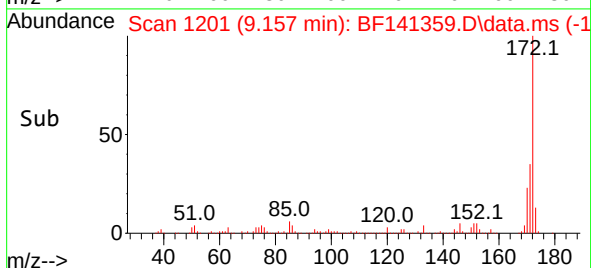
Reviewed By : Jagrut Upadhyay 02/03/2025
Supervised By : mohammad ahmed 02/04/2025

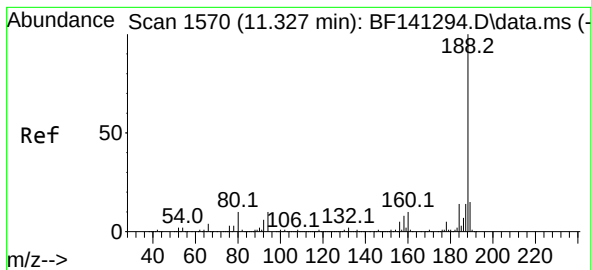


#45
2-Fluorobiphenyl
Concen: 31.931 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141359.D
Acq: 01 Feb 2025 03:37



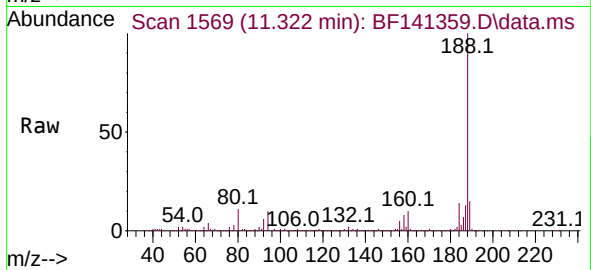
Tgt Ion: 172 Resp: 337238
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.2 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141359.D
Acq: 01 Feb 2025 03:37

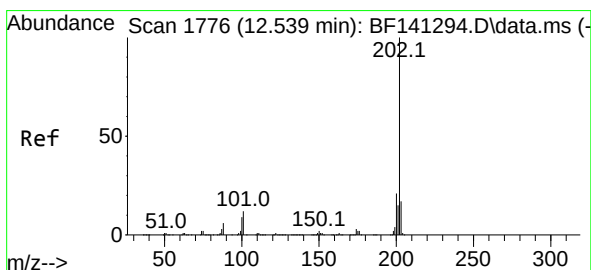
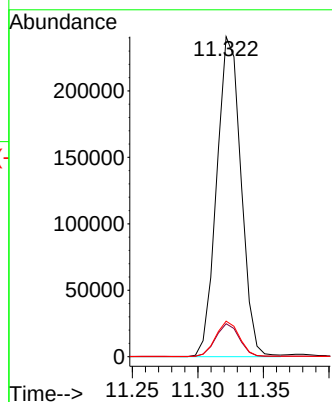
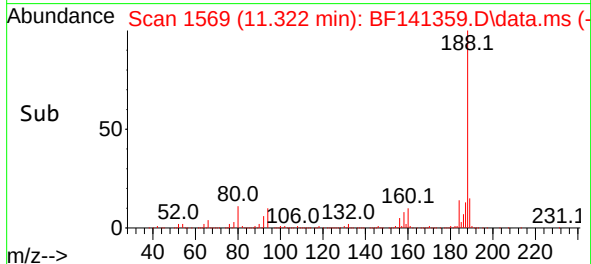
Instrument :
BNA_F
ClientSampleId :
286



Tgt Ion:188 Resp: 309600
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.1 8.2 12.4

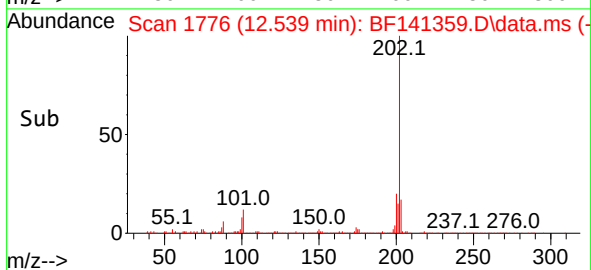
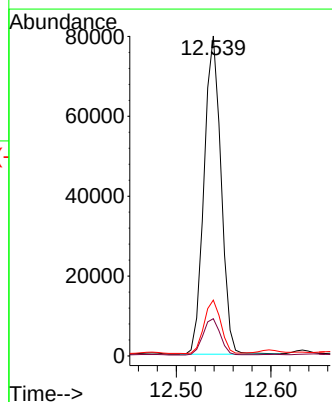
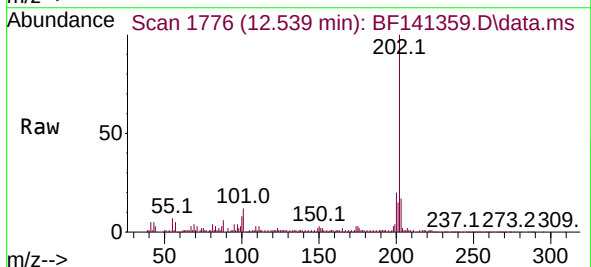
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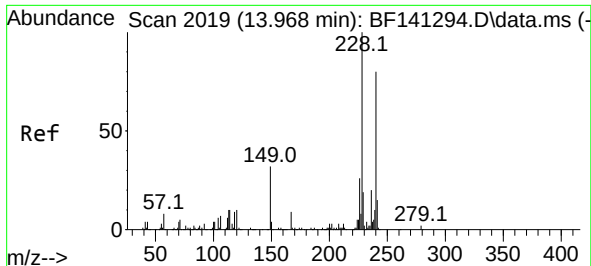
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#75
Fluoranthene
Concen: 6.050 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141359.D
Acq: 01 Feb 2025 03:37

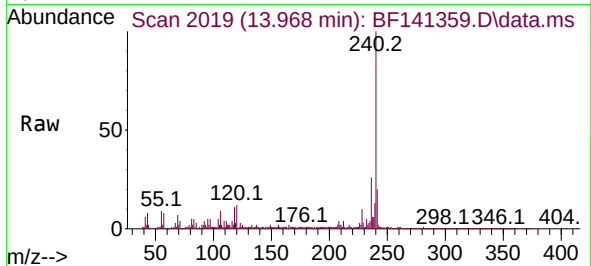
Tgt Ion:202 Resp: 99424
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.5 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141359.D
Acq: 01 Feb 2025 03:37

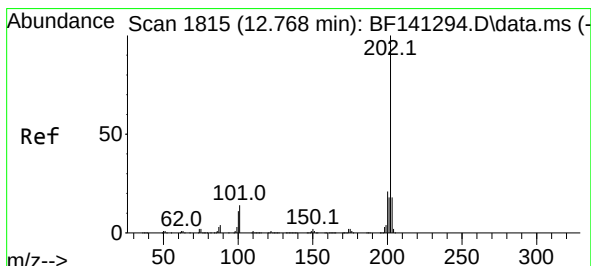
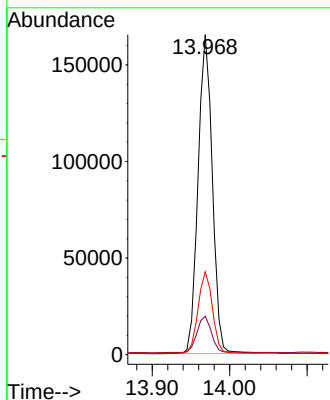
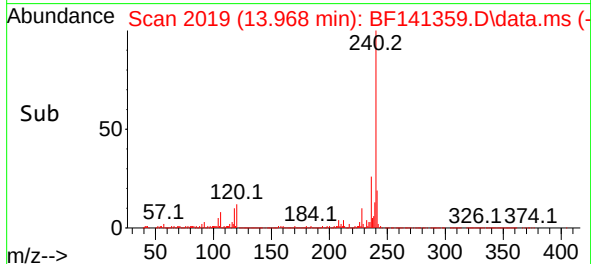
Instrument :
BNA_F
ClientSampleId :
286



Tgt Ion:240 Resp: 211234
Ion Ratio Lower Upper
240 100
120 12.0 10.0 15.0
236 25.9 19.7 29.5

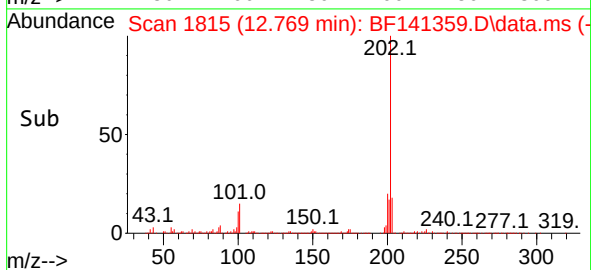
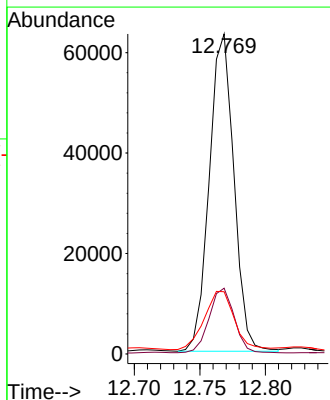
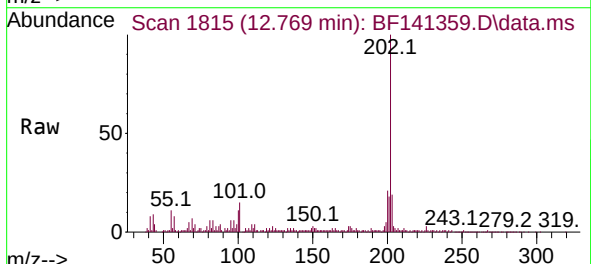
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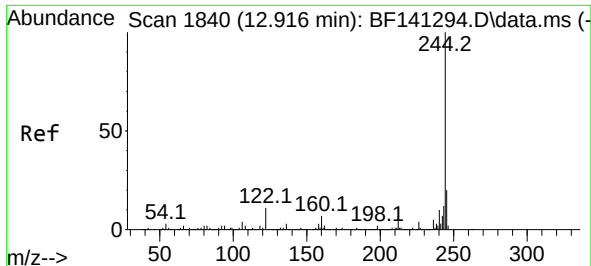
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#78
Pyrene
Concen: 4.069 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141359.D
Acq: 01 Feb 2025 03:37

Tgt Ion:202 Resp: 82499
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.4
203 19.4 14.3 21.5





#79
 Terphenyl-d14
 Concen: 31.996 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF141359.D
 Acq: 01 Feb 2025 03:37

Instrument :

BNA_F

ClientSampleId :

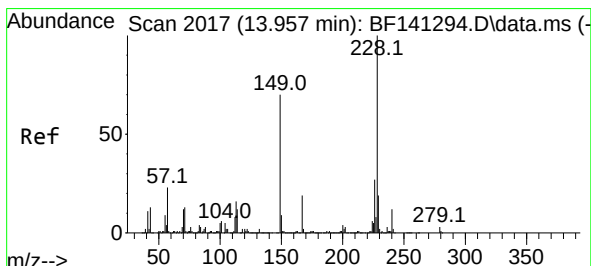
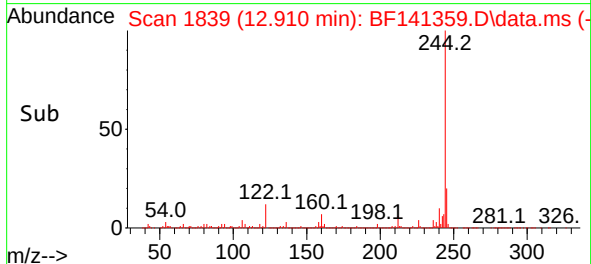
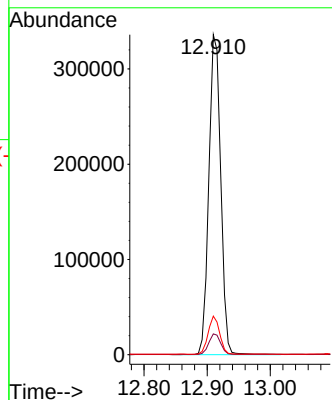
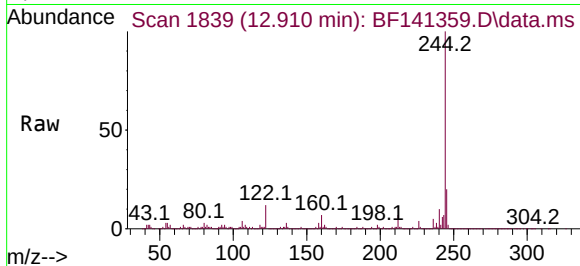
286

Tgt Ion:244 Resp: 438250
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.1 8.8 13.2

Manual Integrations

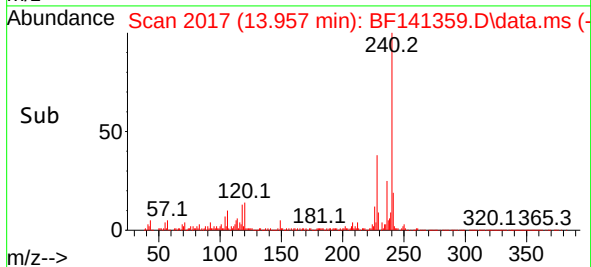
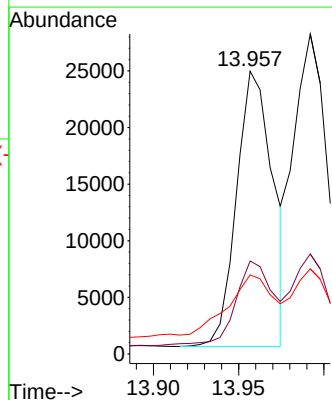
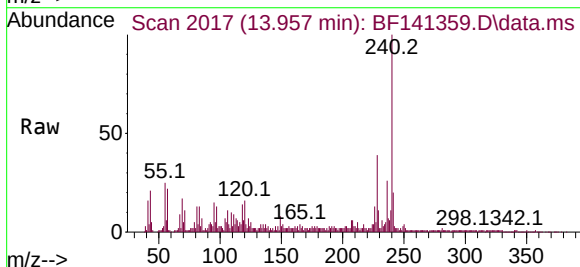
APPROVED

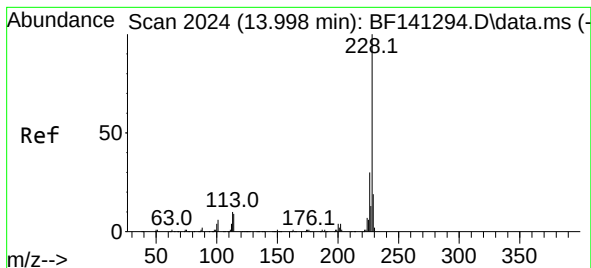
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#81
 Benzo(a)anthracene
 Concen: 2.475 ng
 RT: 13.957 min Scan# 2017
 Delta R.T. -0.006 min
 Lab File: BF141359.D
 Acq: 01 Feb 2025 03:37

Tgt Ion:228 Resp: 36070
 Ion Ratio Lower Upper
 228 100
 226 32.9 21.4 32.2#
 229 28.0 15.5 23.3#





#83

Chrysene

Concen: 2.861 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF141359.D

Acq: 01 Feb 2025 03:37

Instrument :

BNA_F

ClientSampleId :

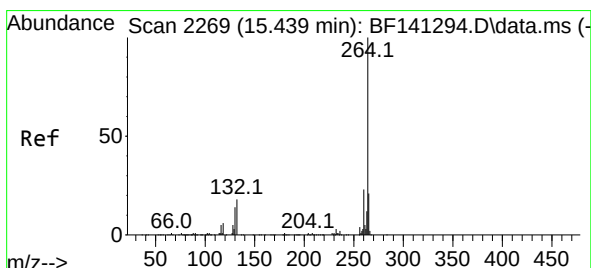
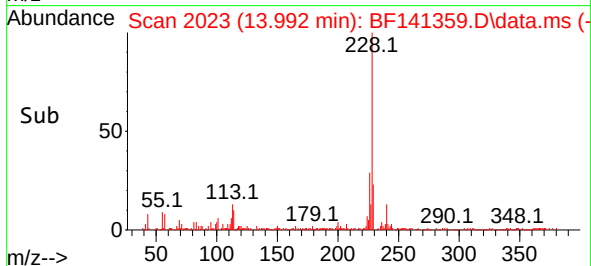
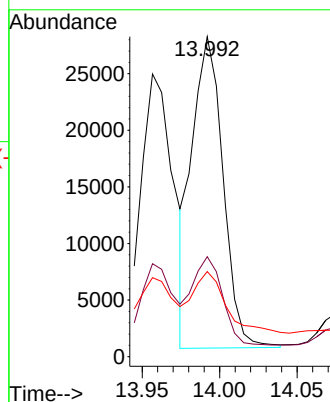
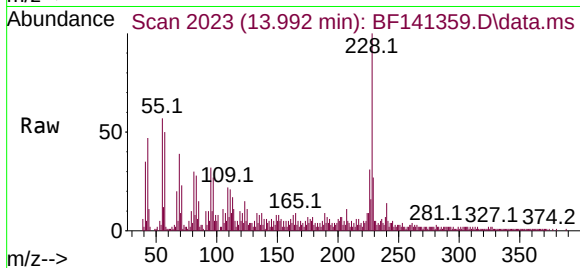
286

Tgt Ion:	228	Resp:	38219
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.1	36.1
229	26.6	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#86

Perylene-d12

Concen: 20.000 ng

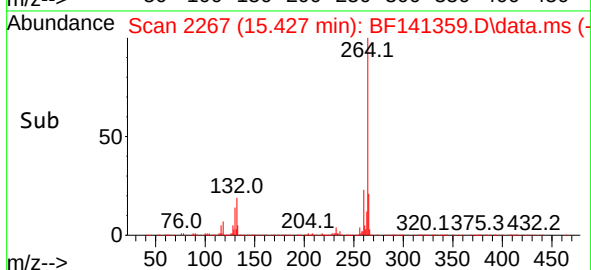
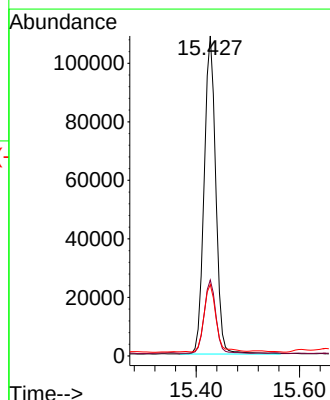
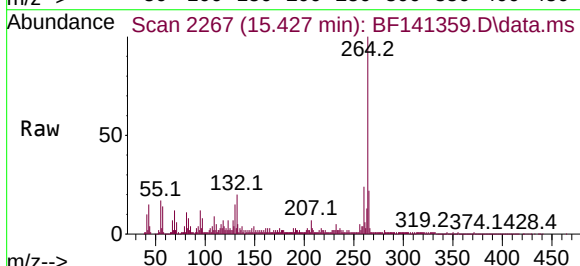
RT: 15.427 min Scan# 2267

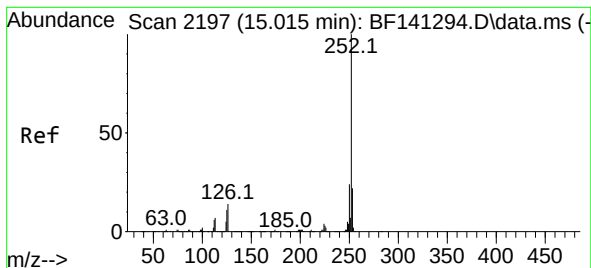
Delta R.T. -0.012 min

Lab File: BF141359.D

Acq: 01 Feb 2025 03:37

Tgt Ion:	264	Resp:	169352
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	27.8
265	22.3	16.7	25.1





#88

Benzo(b)fluoranthene

Concen: 3.834 ng m

RT: 15.004 min Scan# 2197

Delta R.T. -0.018 min

Lab File: BF141359.D

Acq: 01 Feb 2025 03:37

Instrument :

BNF

ClientSampleId :

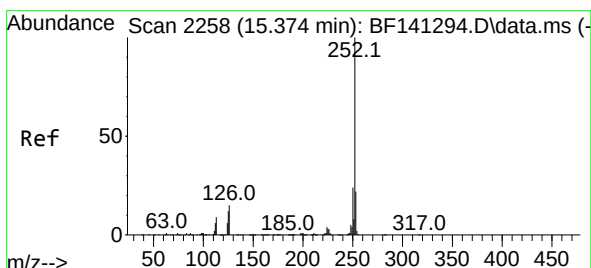
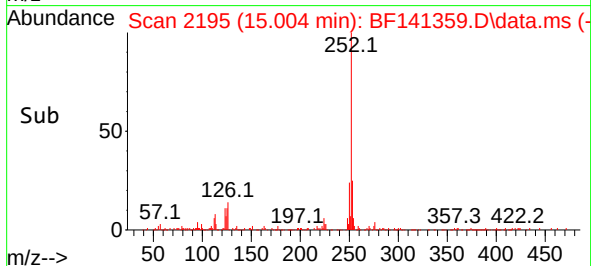
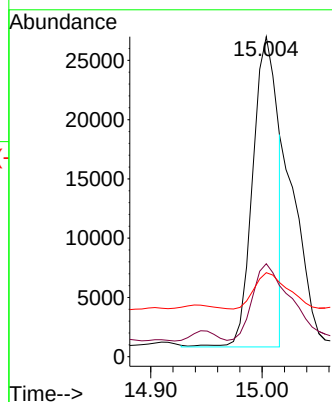
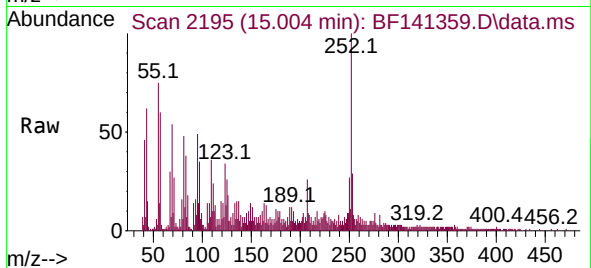
286

Tgt Ion:252 Resp: 4084
 Ion Ratio Lower Upper
 252 100
 253 29.1 17.4 26.2
 125 26.3 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#90

Benzo(a)pyrene

Concen: 3.122 ng

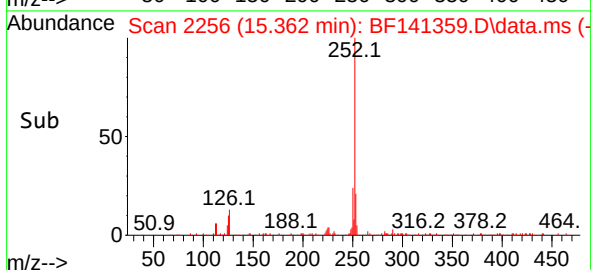
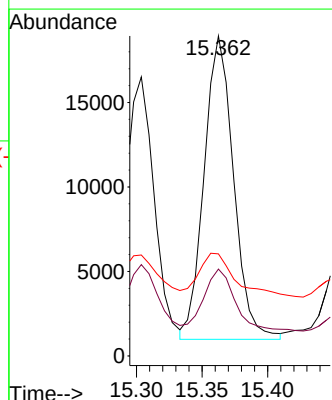
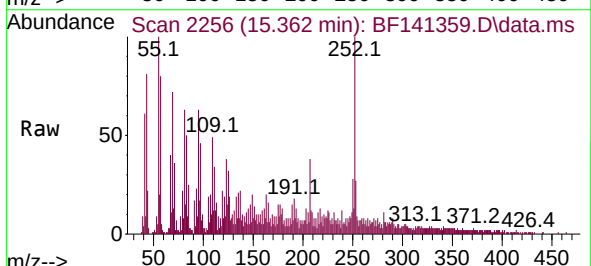
RT: 15.362 min Scan# 2256

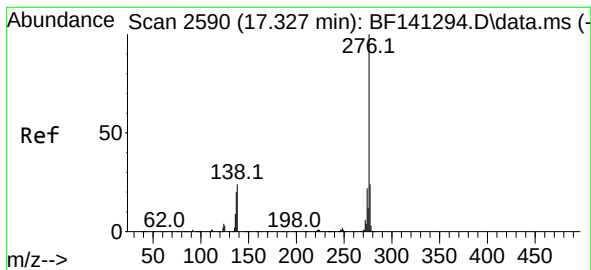
Delta R.T. -0.018 min

Lab File: BF141359.D

Acq: 01 Feb 2025 03:37

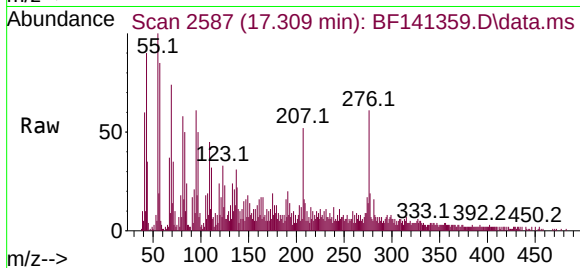
Tgt Ion:252 Resp: 28104
 Ion Ratio Lower Upper
 252 100
 253 27.2 17.2 25.8#
 125 31.9 9.4 14.2#





#92
Benzo(g,h,i)perylene
Concen: 2.113 ng
RT: 17.309 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF141359.D
Acq: 01 Feb 2025 03:37

Instrument :
BNA_F
ClientSampleId :
286



Tgt Ion: 276 Resp: 19320
Ion Ratio Lower Upper
276 100
277 31.2 19.2 28.8
138 36.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

