

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137235.D
 Acq On : 01 Feb 2024 16:53
 Operator : CG\JU
 Sample : P1307-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-03

Manual Integrations
 APPROVED

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

Quant Time: Feb 01 17:12:26 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	55471	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	218975	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	118481	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	196116	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	143091	20.000	ng	0.00
86) Perylene-d12	15.445	264	140604	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	402797	119.819	ng	0.01
7) Phenol-d6	6.428	99	544608	113.519	ng	0.00
23) Nitrobenzene-d5	7.351	82	374584	76.587	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	135828	101.510	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	616344	71.511	ng	0.00
79) Terphenyl-d14	12.916	244	548047	52.068	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.527	202	56537	5.262	ng	98
78) Pyrene	12.757	202	51906	3.775	ng	98
81) Benzo(a)anthracene	13.957	228	24817	2.449	ng	96
83) Chrysene	13.992	228	27265	2.737	ng	99
88) Benzo(b)fluoranthene	15.015	252	36264m	4.194	ng	
90) Benzo(a)pyrene	15.380	252	22423	2.756	ng	98

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

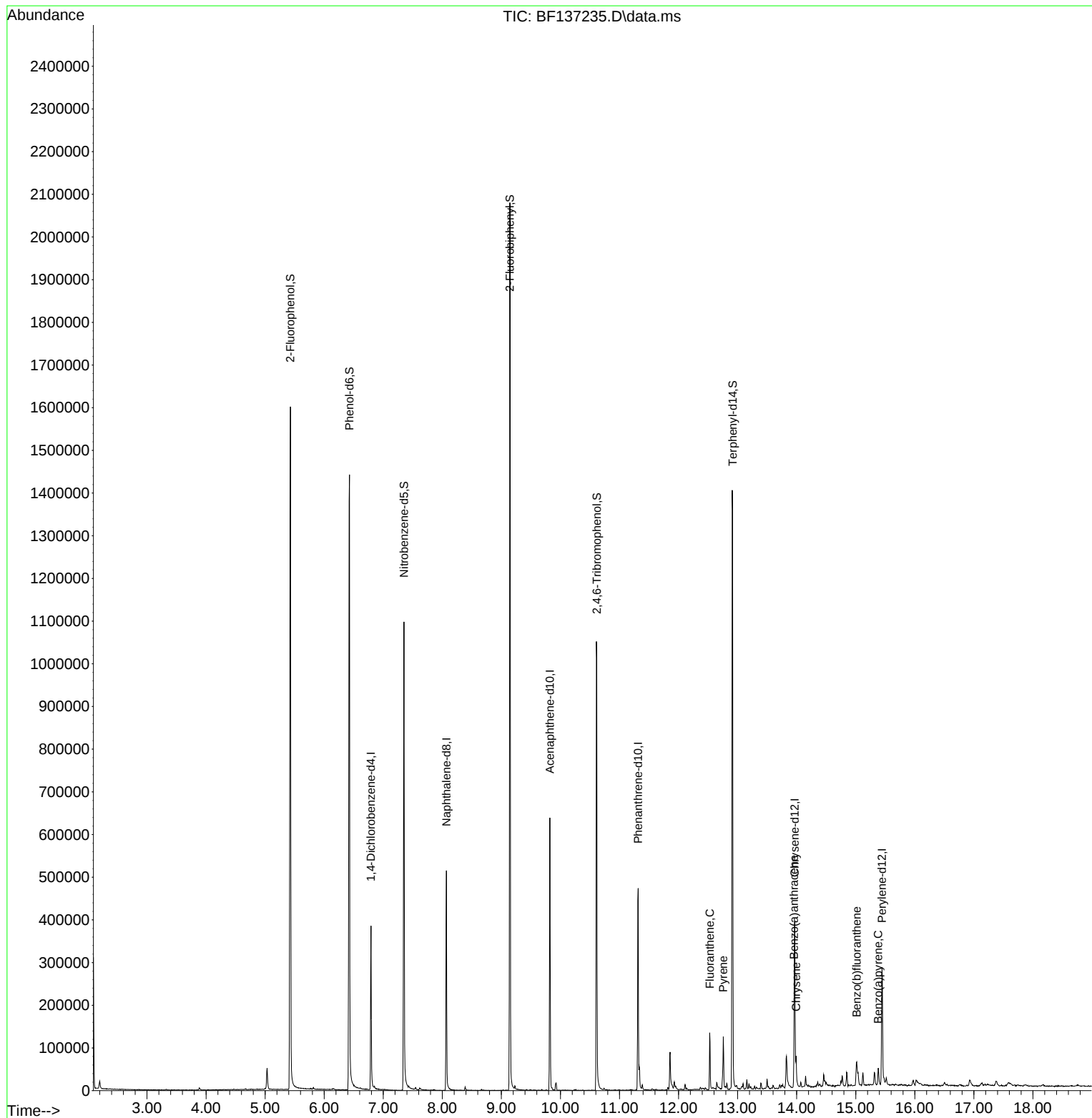
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
Data File : BF137235.D
Acq On : 01 Feb 2024 16:53
Operator : CG\JU
Sample : P1307-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

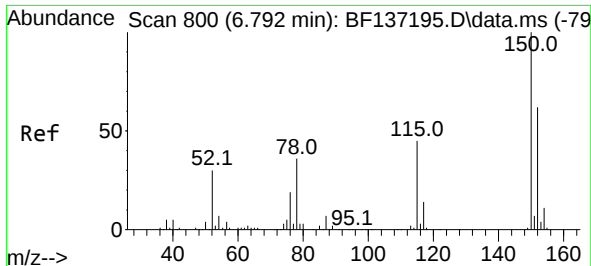
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03

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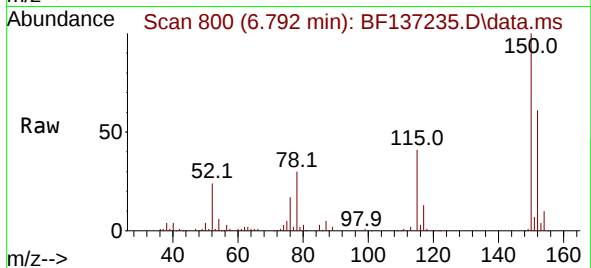
Quant Time: Feb 01 17:12:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53

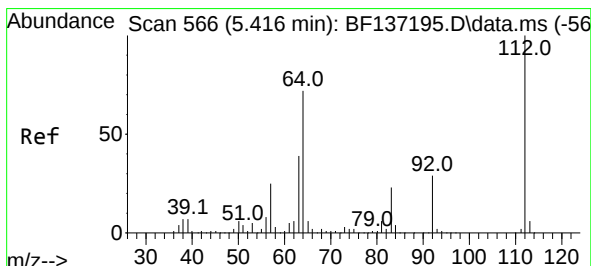
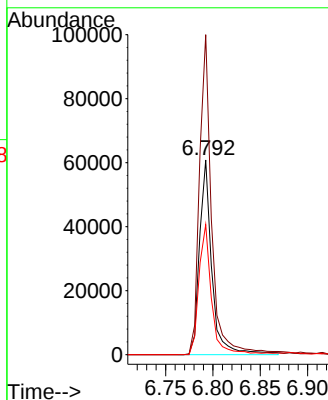
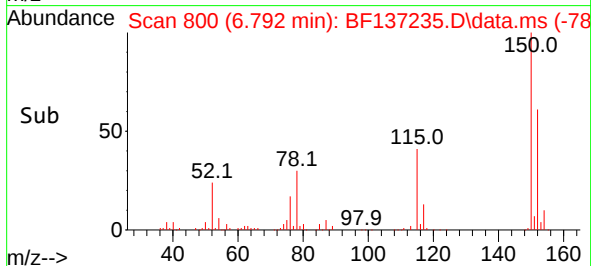
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03



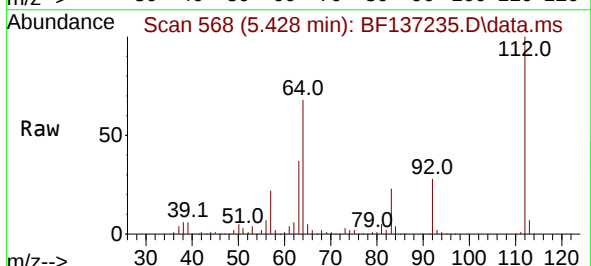
Tgt Ion:152 Resp: 5547
Ion Ratio Lower Upper
152 100
150 164.4 129.8 194.8
115 66.8 58.5 87.7

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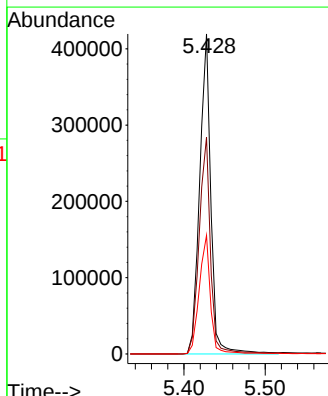
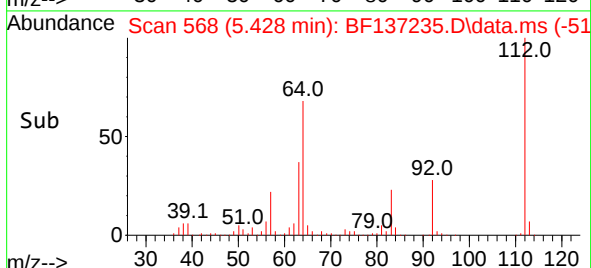
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#5
2-Fluorophenol
Concen: 119.819 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53



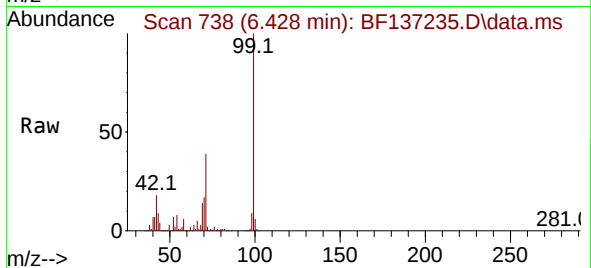
Tgt Ion:112 Resp: 402797
Ion Ratio Lower Upper
112 100
64 67.8 57.8 86.6
63 37.1 31.4 47.0





#7
Phenol-d6
Concen: 113.519 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53

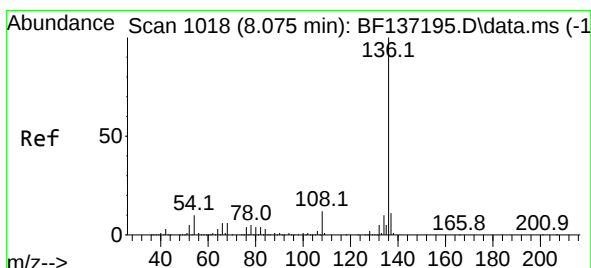
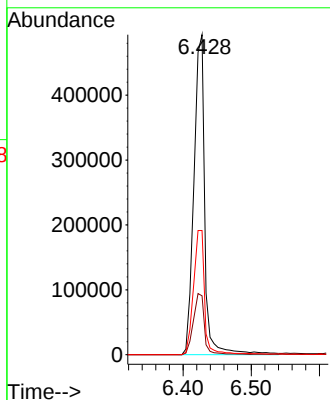
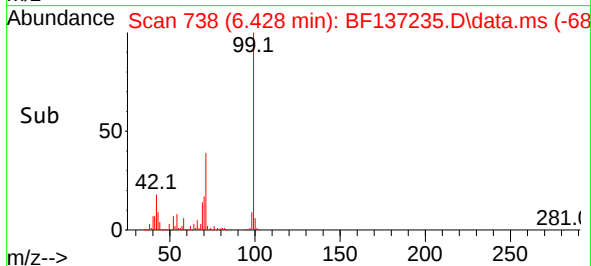
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03



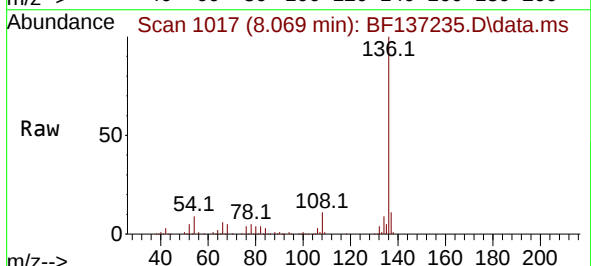
Tgt Ion: 99 Resp: 544608
Ion Ratio Lower Upper
99 100
42 18.4 16.4 24.6
71 38.8 32.4 48.6

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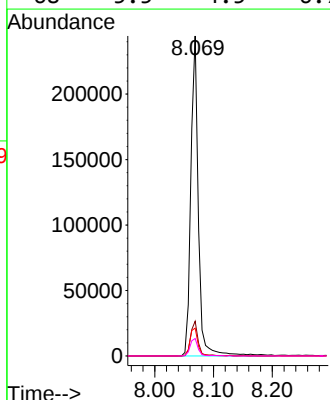
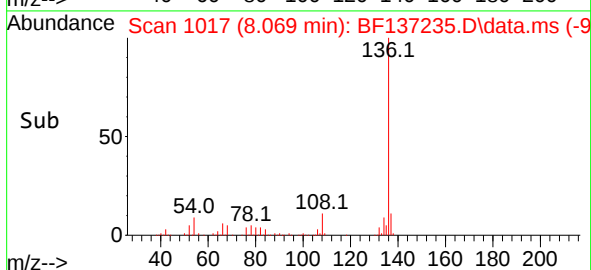
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53



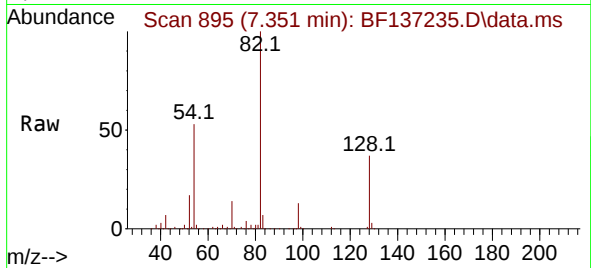
Tgt Ion:136 Resp: 218975
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.7 7.8 11.8
68 5.5 4.5 6.7





#23
Nitrobenzene-d5
Concen: 76.587 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53

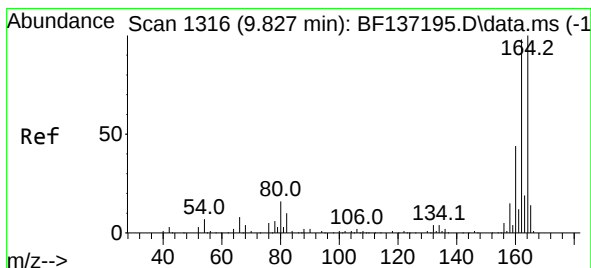
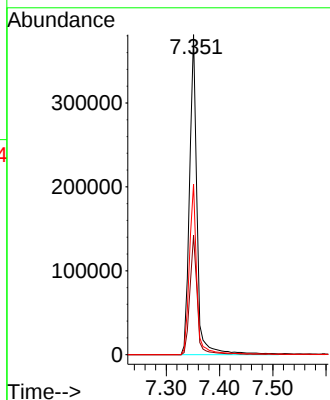
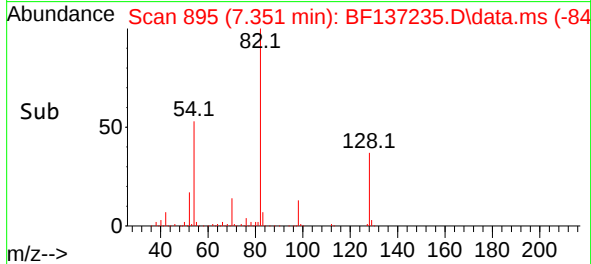
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03



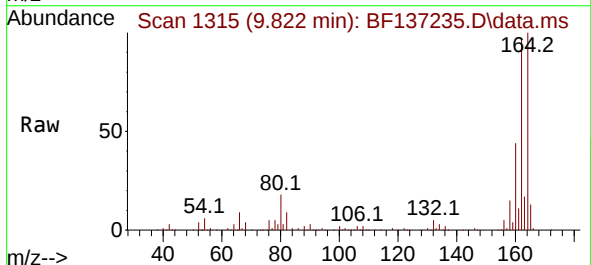
Tgt Ion: 82 Resp: 374584
Ion Ratio Lower Upper
82 100
128 37.3 29.1 43.7
54 53.3 45.0 67.6

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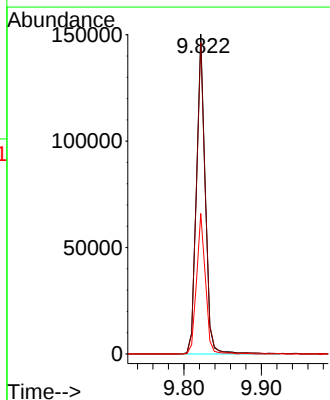
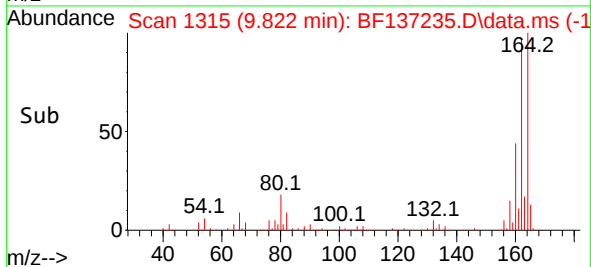
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

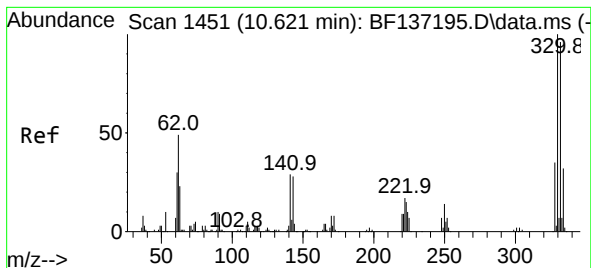


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53



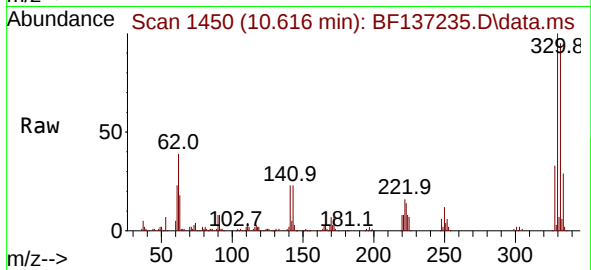
Tgt Ion:164 Resp: 118481
Ion Ratio Lower Upper
164 100
162 97.4 78.3 117.5
160 43.9 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 101.510 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53

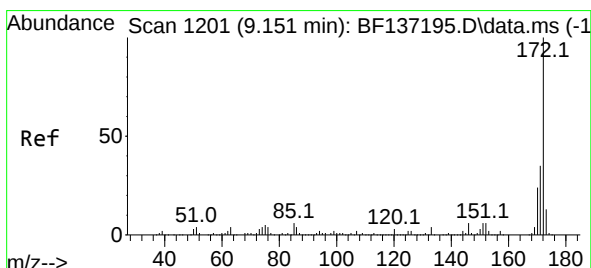
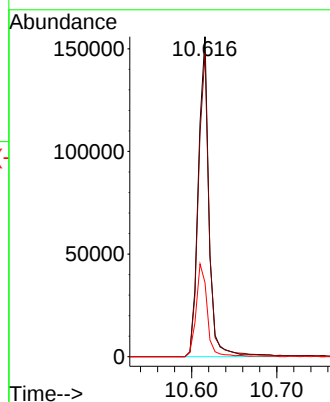
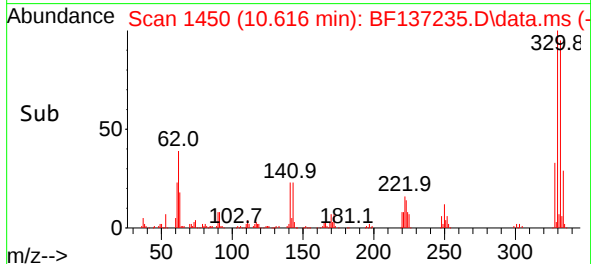
Instrument :
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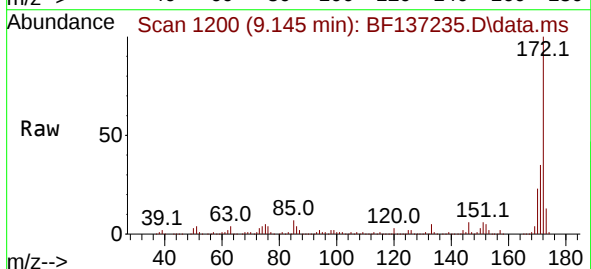
Tgt Ion: 330 Resp: 135828
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 30.1 25.2 37.8

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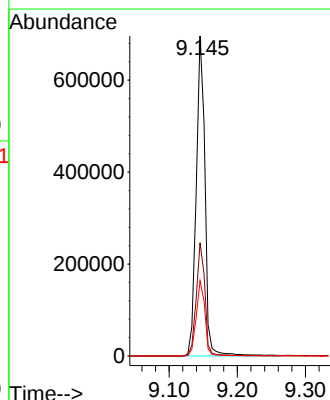
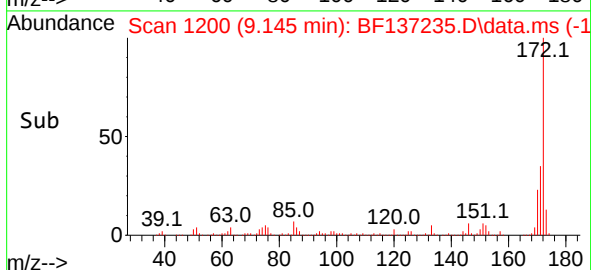
Reviewed By : Jagrut Upadhyay 02/02/2024
Supervised By : Sohil Jodhani 02/02/2024

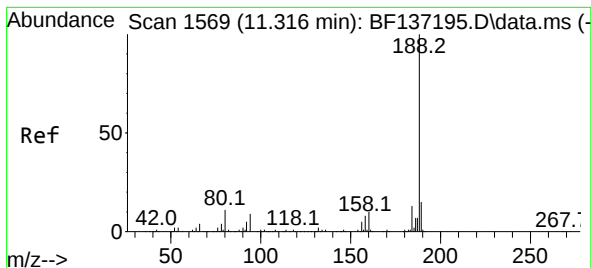


#45
2-Fluorobiphenyl
Concen: 71.511 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53



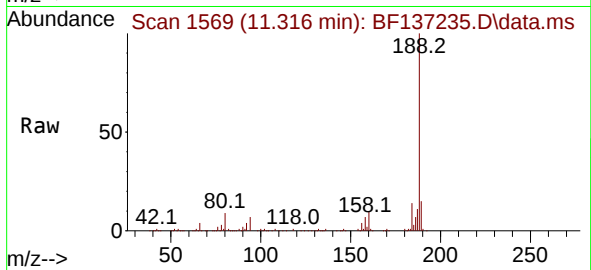
Tgt Ion: 172 Resp: 616344
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53

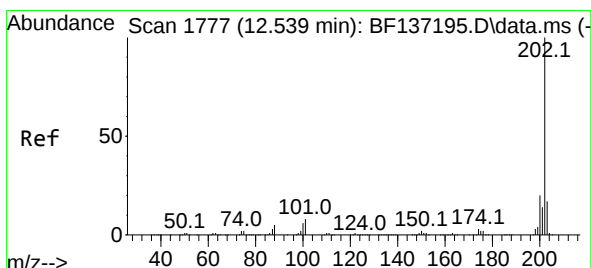
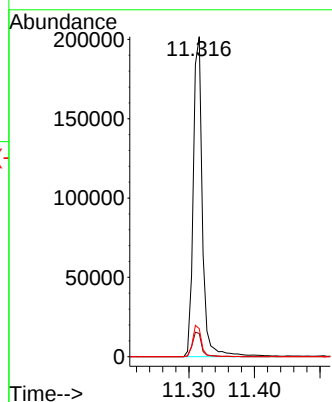
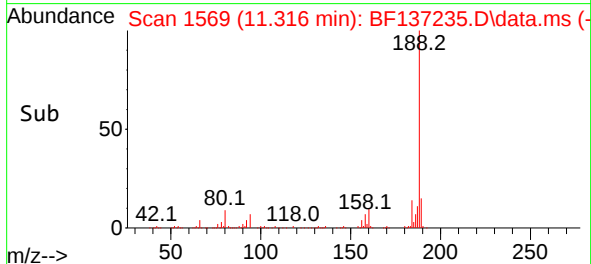
Instrument :
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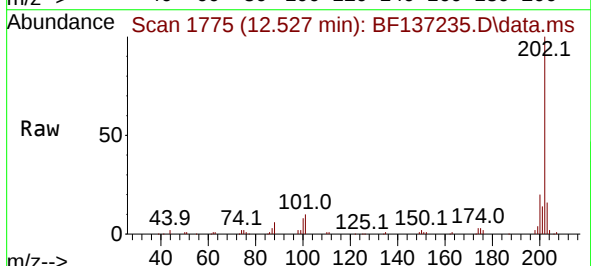
Tgt Ion:188 Resp: 196110
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 8.8 8.8 13.2

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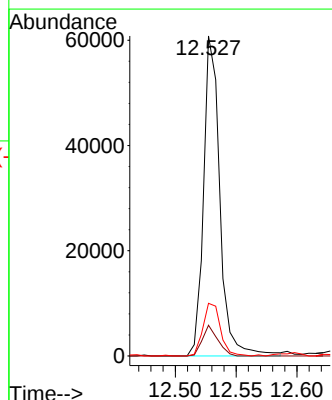
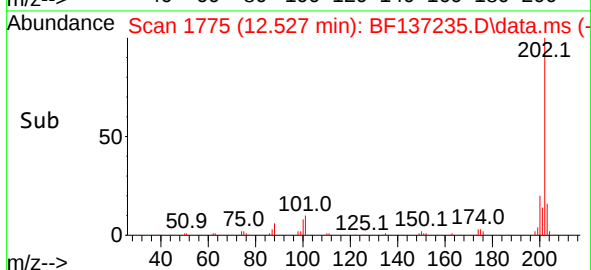
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

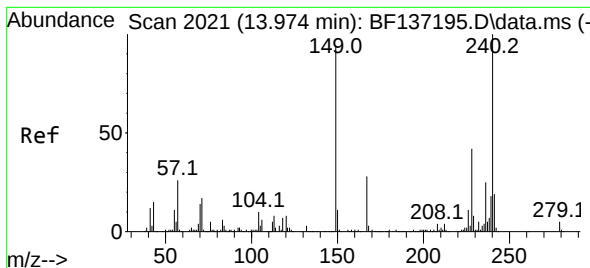


#75
Fluoranthene
Concen: 5.262 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53



Tgt Ion:202 Resp: 56537
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.4
203 16.5 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137235.D

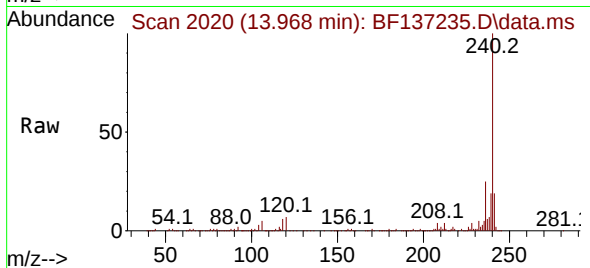
Acq: 01 Feb 2024 16:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03



Tgt Ion:240 Resp: 14309

Ion Ratio Lower Upper

240 100

120 7.0 6.3 9.5

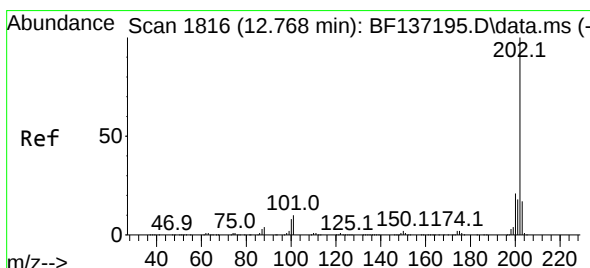
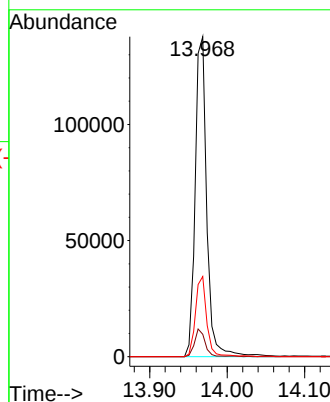
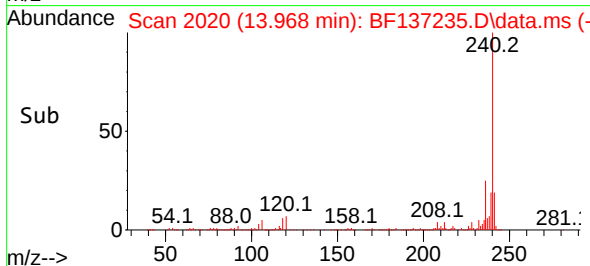
236 25.0 20.3 30.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024



#78

Pyrene

Concen: 3.775 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF137235.D

Acq: 01 Feb 2024 16:53

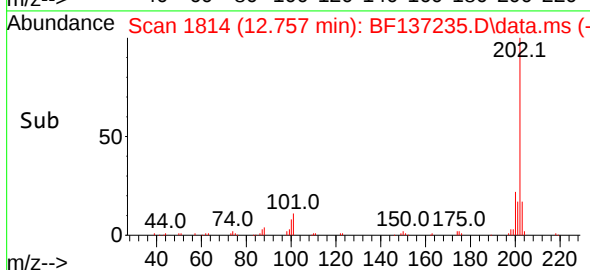
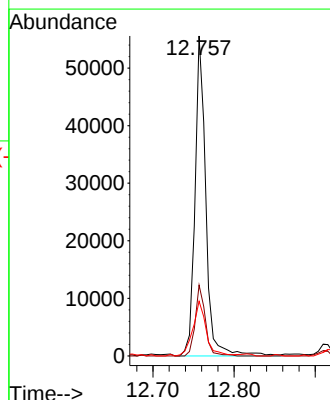
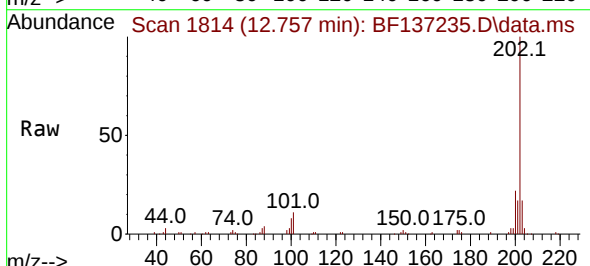
Tgt Ion:202 Resp: 51906

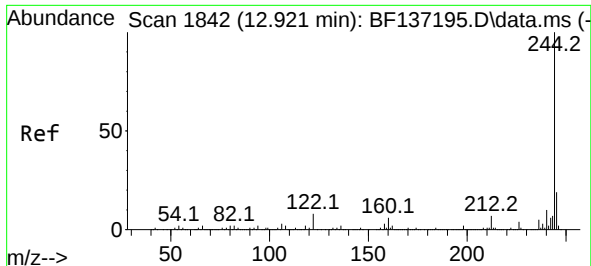
Ion Ratio Lower Upper

202 100

200 22.2 16.5 24.7

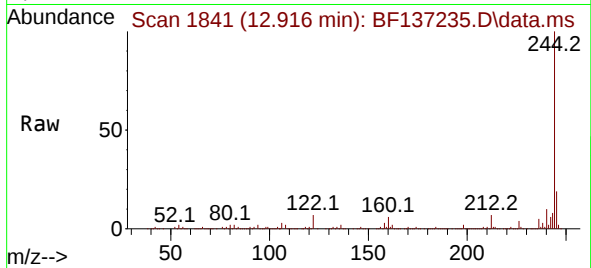
203 17.1 13.8 20.6





#79
 Terphenyl-d14
 Concen: 52.068 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137235.D
 Acq: 01 Feb 2024 16:53

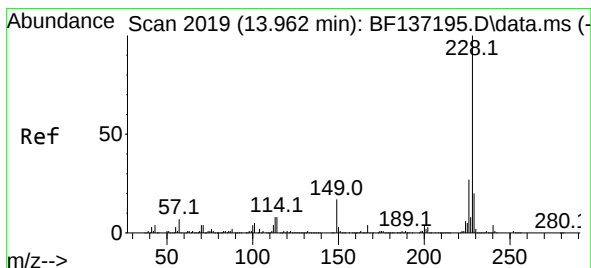
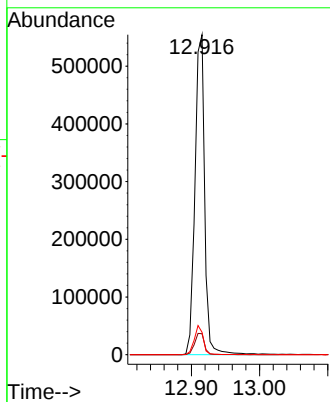
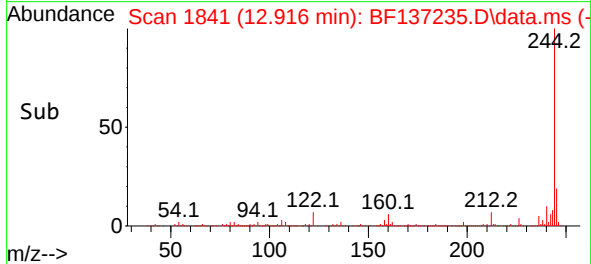
Instrument :
 BNA_F
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 TR-614-COMP-03



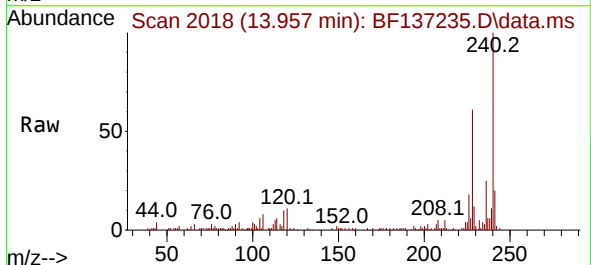
Tgt Ion:244 Resp: 54804
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 7.0 6.2 9.4

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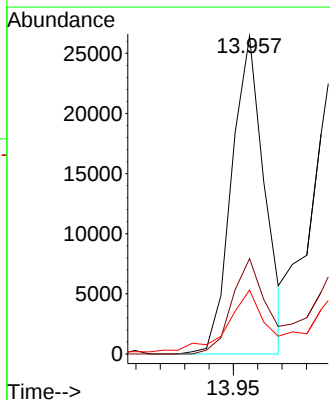
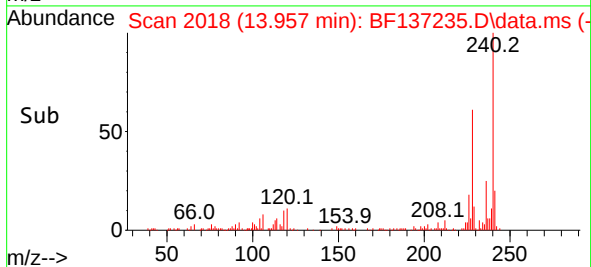
Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

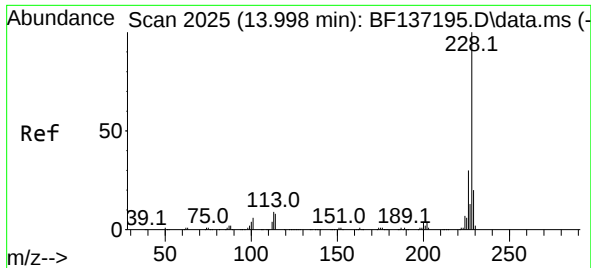


#81
 Benzo(a)anthracene
 Concen: 2.449 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF137235.D
 Acq: 01 Feb 2024 16:53



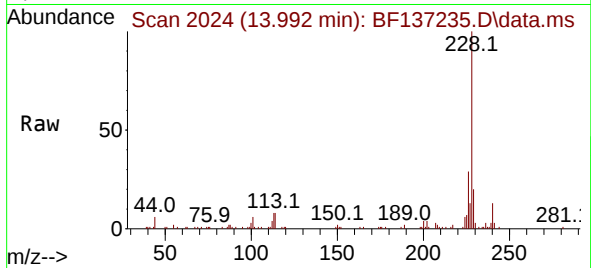
Tgt Ion:228 Resp: 24817
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.6 32.4
 229 20.1 15.8 23.6





#83
Chrysene
Concen: 2.737 ng
RT: 13.992 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53

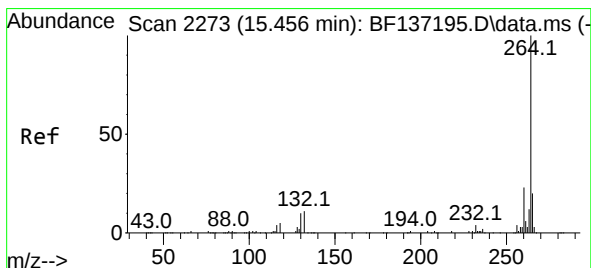
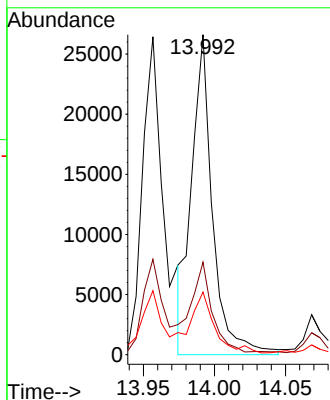
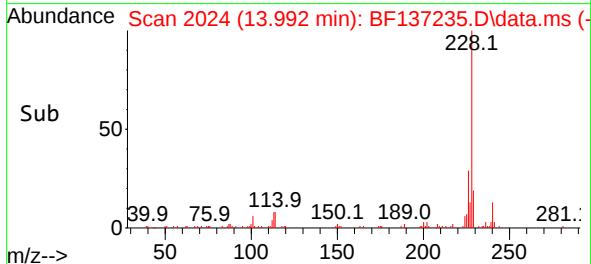
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03



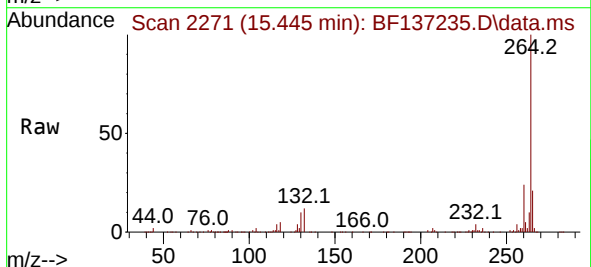
Tgt Ion:228 Resp: 2726
Ion Ratio Lower Upper
228 100
226 28.9 23.7 35.5
229 19.5 15.6 23.4

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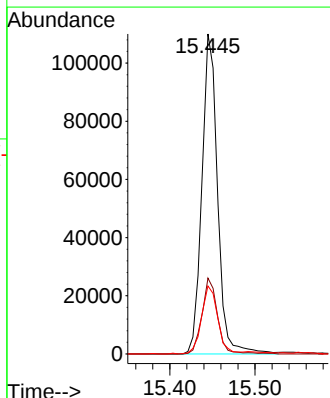
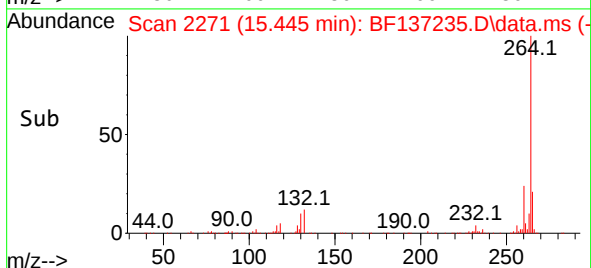
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

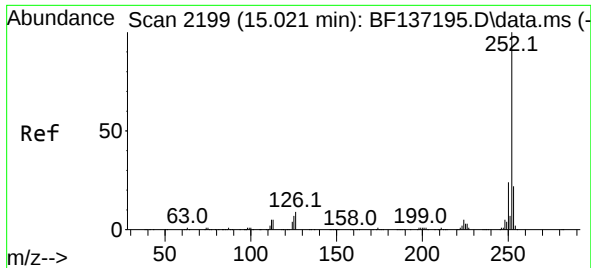


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53



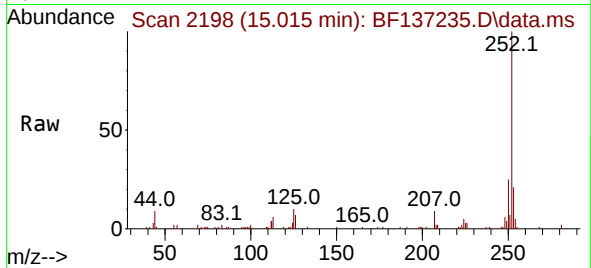
Tgt Ion:264 Resp: 140604
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 21.2 16.2 24.2





#88
Benzo(b)fluoranthene
Concen: 4.194 ng m
RT: 15.015 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53

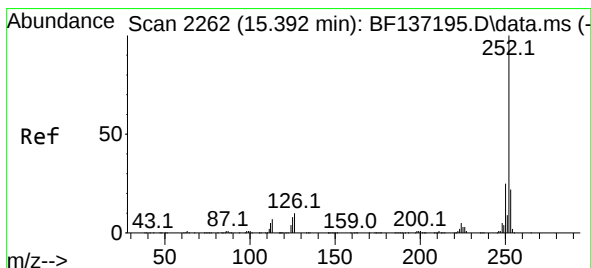
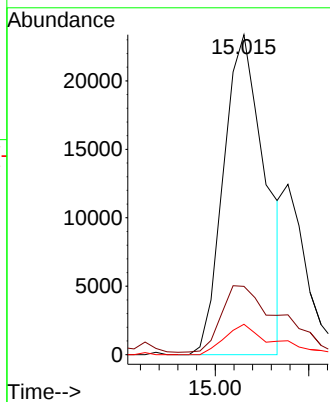
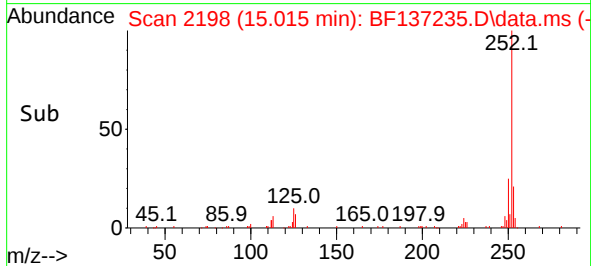
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03



Tgt Ion:252 Resp: 36264
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 9.5 5.4 8.2

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.756 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.012 min
Lab File: BF137235.D
Acq: 01 Feb 2024 16:53

Tgt Ion:252 Resp: 22423
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 9.2 6.5 9.7

