

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137233.D
 Acq On : 01 Feb 2024 15:52
 Operator : CG\JU
 Sample : P1307-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-01

Manual Integrations
 APPROVED

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

Quant Time: Feb 01 16:10:52 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	58348	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	227761	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	122715	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	203996	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	147577	20.000	ng	0.00
86) Perylene-d12	15.445	264	147318	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	314312	88.887	ng	0.00
7) Phenol-d6	6.422	99	417558	82.745	ng	0.00
23) Nitrobenzene-d5	7.351	82	271440	53.358	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	106534	76.871	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	478116	53.559	ng	0.00
79) Terphenyl-d14	12.910	244	419499	38.643	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.533	202	57814	5.173	ng	97
78) Pyrene	12.757	202	51352	3.621	ng	96
81) Benzo(a)anthracene	13.957	228	28176	2.696	ng	99
83) Chrysene	13.992	228	26452	2.574	ng	97
88) Benzo(b)fluoranthene	15.010	252	31709m	3.500	ng	
90) Benzo(a)pyrene	15.380	252	23263	2.728	ng	# 93

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

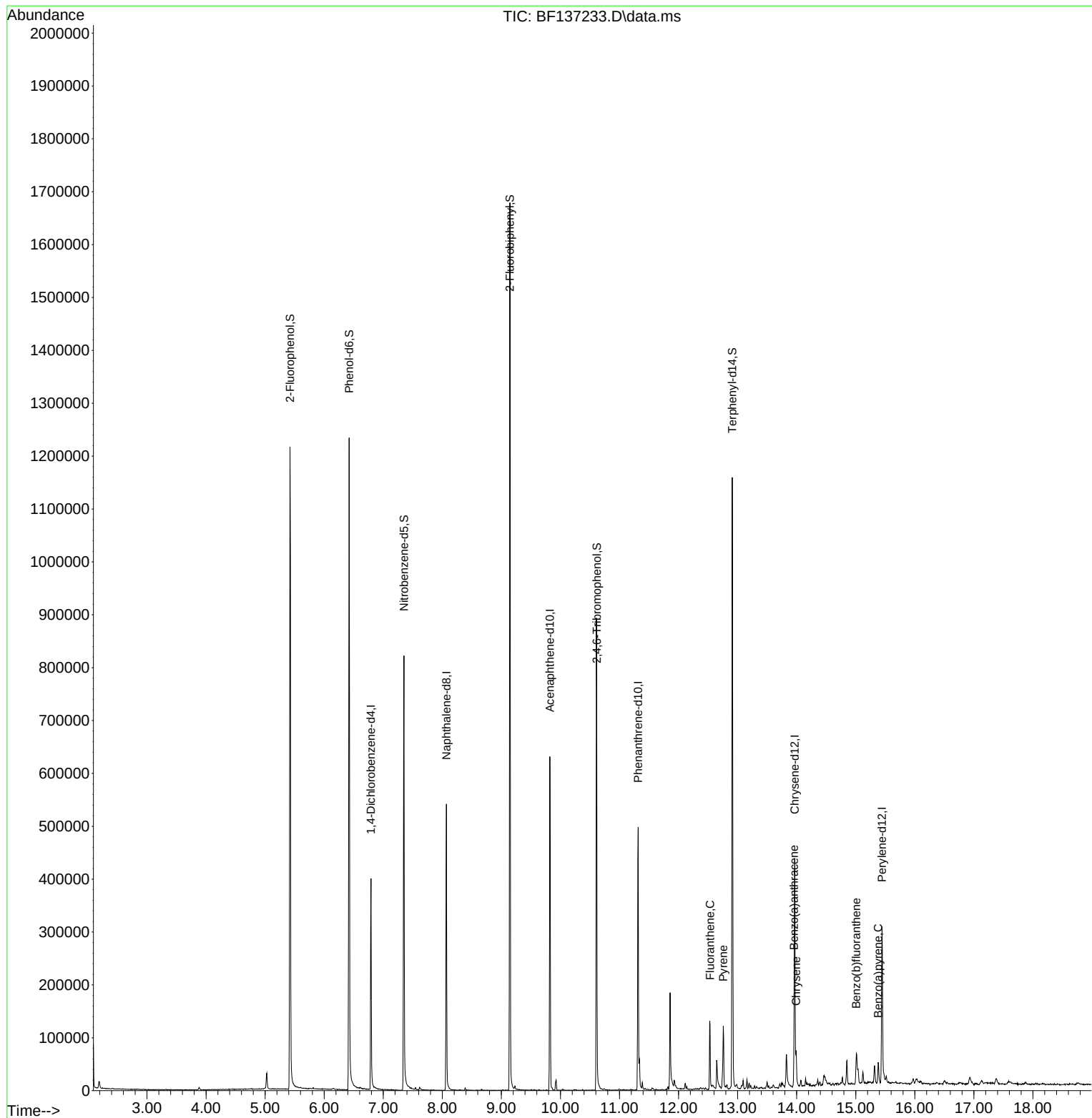
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
Data File : BF137233.D
Acq On : 01 Feb 2024 15:52
Operator : CG\JU
Sample : P1307-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

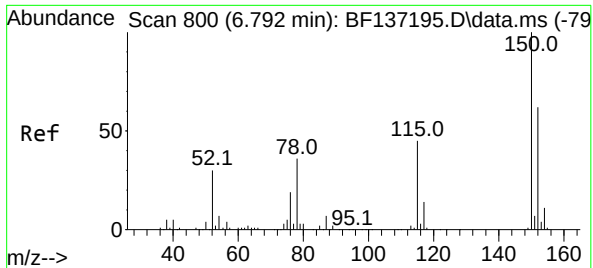
Instrument :
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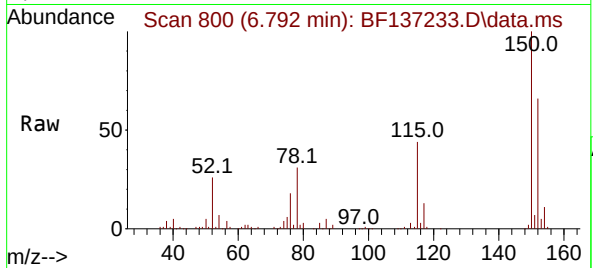
Quant Time: Feb 01 16:10:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52

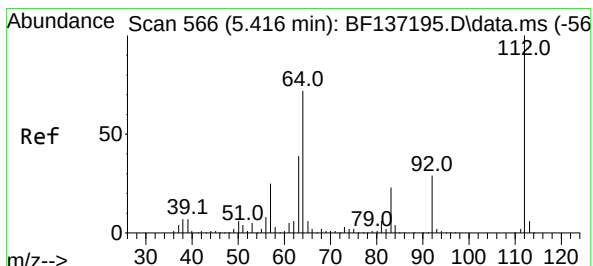
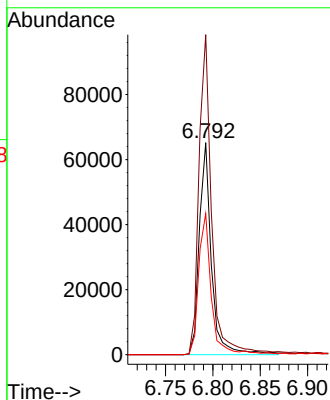
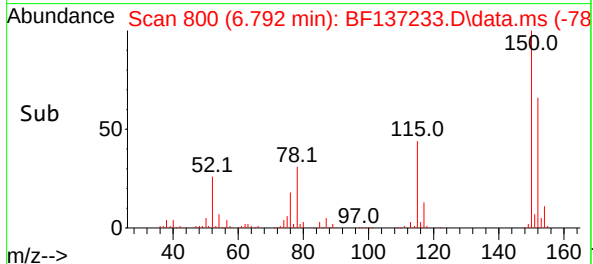
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01



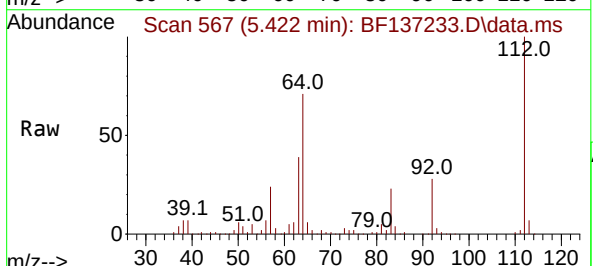
Tgt Ion:152 Resp: 58348
Ion Ratio Lower Upper
152 100
150 150.9 129.8 194.8
115 66.6 58.5 87.7

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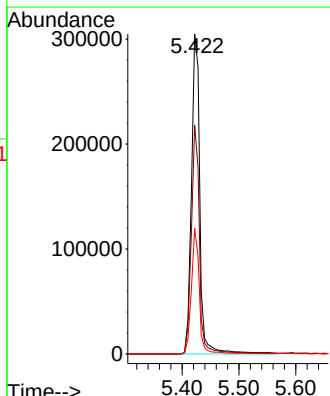
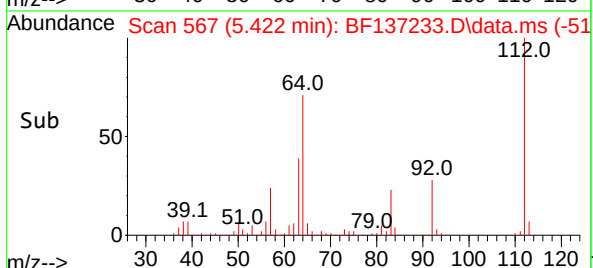
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

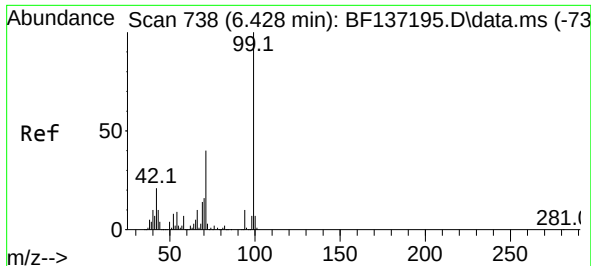


#5
2-Fluorophenol
Concen: 88.887 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52



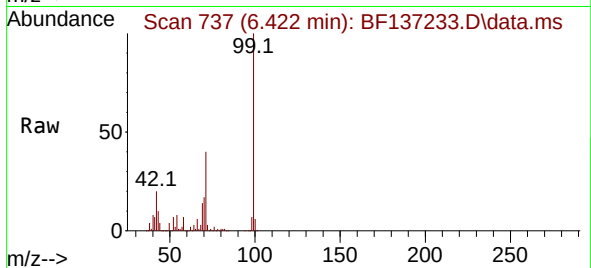
Tgt Ion:112 Resp: 314312
Ion Ratio Lower Upper
112 100
64 71.4 57.8 86.6
63 39.2 31.4 47.0





#7
Phenol-d6
Concen: 82.745 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52

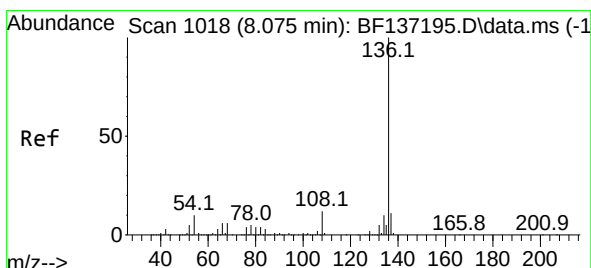
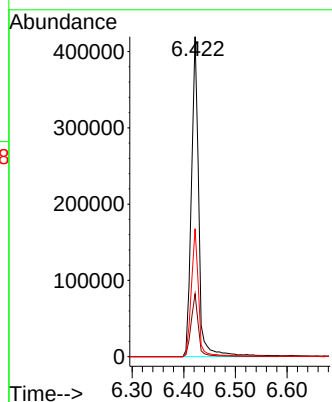
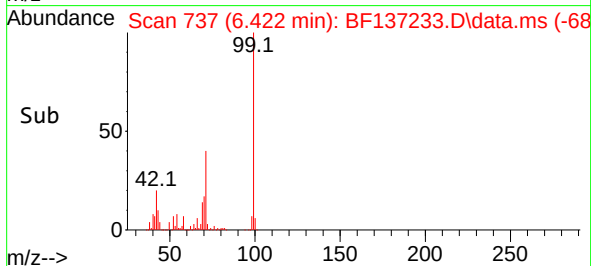
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01



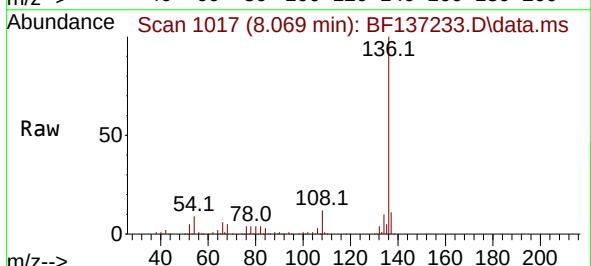
Tgt Ion: 99 Resp: 417558
Ion Ratio Lower Upper
99 100
42 19.6 16.4 24.6
71 40.0 32.4 48.6

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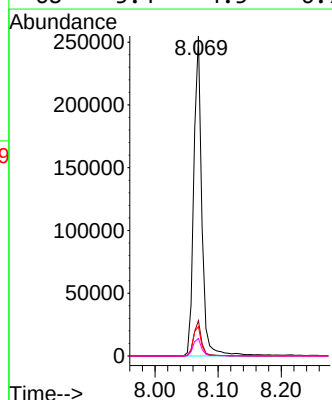
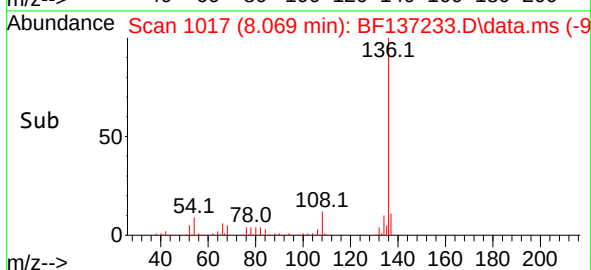
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

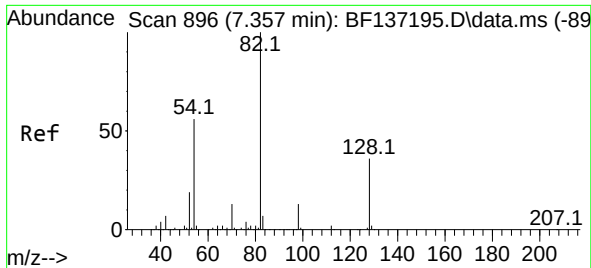


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52



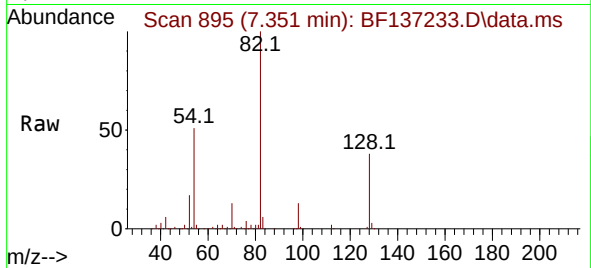
Tgt Ion:136 Resp: 227761
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.1 7.8 11.8
68 5.4 4.5 6.7





#23
Nitrobenzene-d5
Concen: 53.358 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52

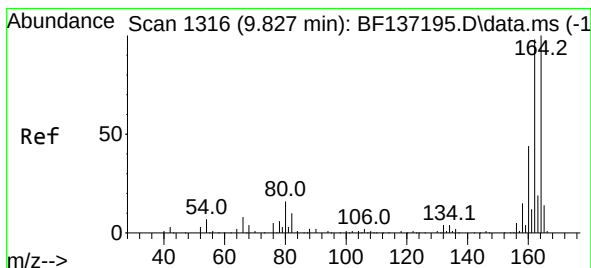
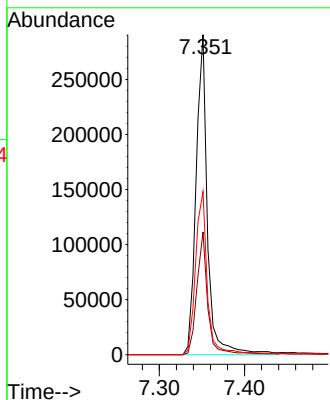
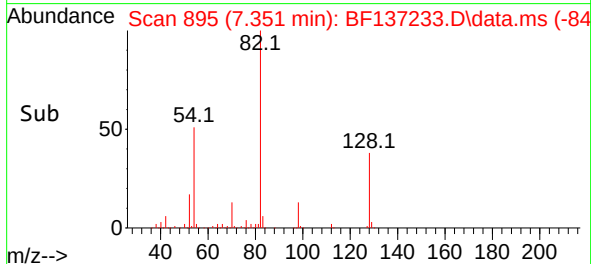
Instrument :
BNA_F
ClientSampleId :
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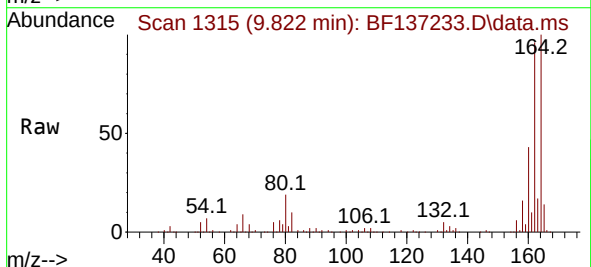
Tgt Ion: 82 Resp: 271440
Ion Ratio Lower Upper
82 100
128 38.4 29.1 43.7
54 51.0 45.0 67.6

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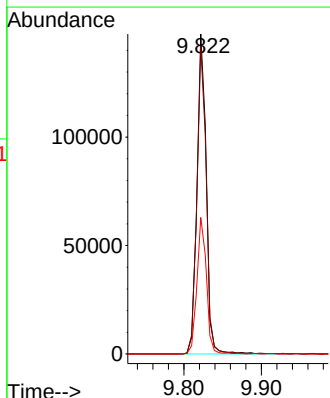
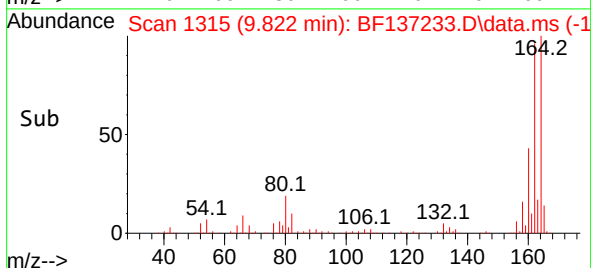
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

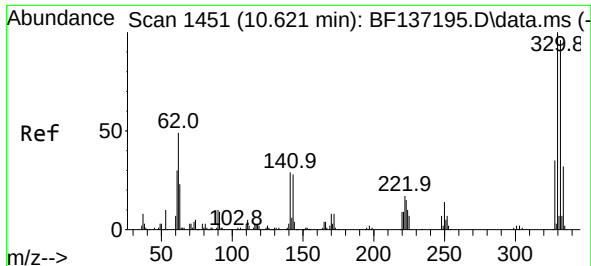


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52



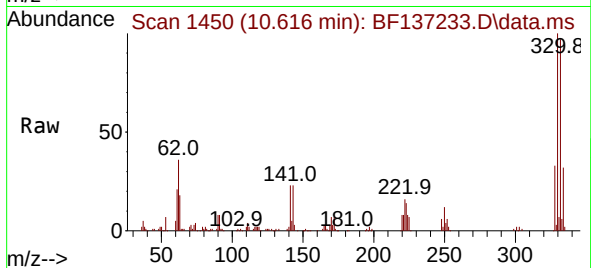
Tgt Ion:164 Resp: 122715
Ion Ratio Lower Upper
164 100
162 96.1 78.3 117.5
160 42.7 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 76.871 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52

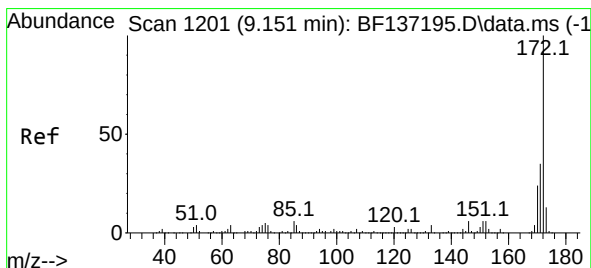
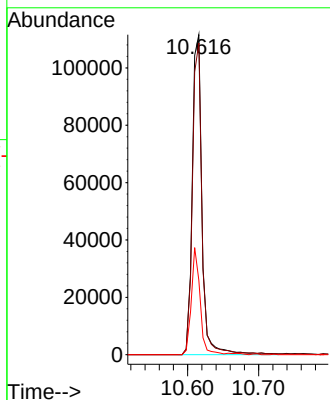
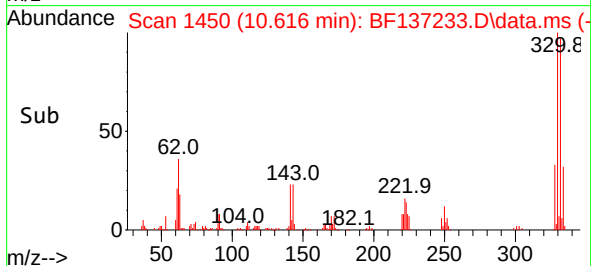
Instrument :
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TR-614-COMP-01



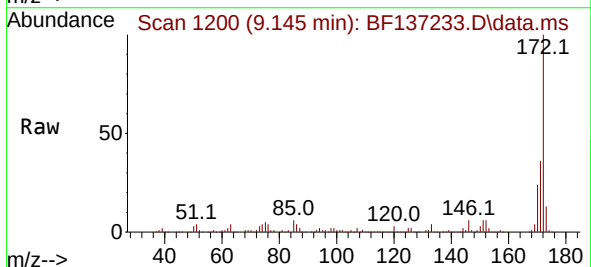
Tgt Ion: 330 Resp: 106534
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 29.8 25.2 37.8

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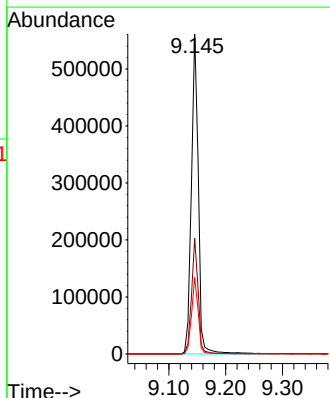
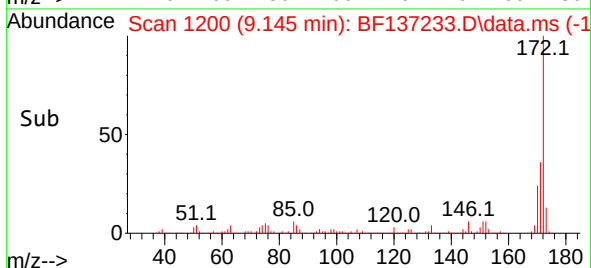
Reviewed By : Jagrut Upadhyay 02/02/2024
Supervised By : Sohil Jodhani 02/02/2024

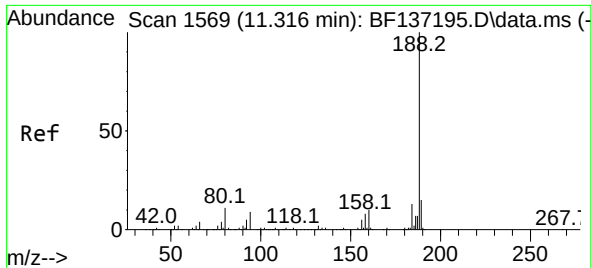


#45
2-Fluorobiphenyl
Concen: 53.559 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52



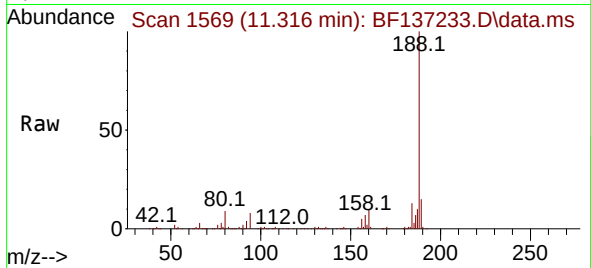
Tgt Ion: 172 Resp: 478116
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 23.8 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52

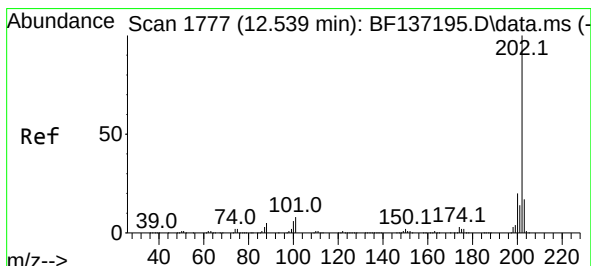
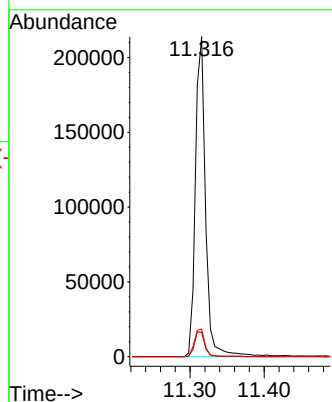
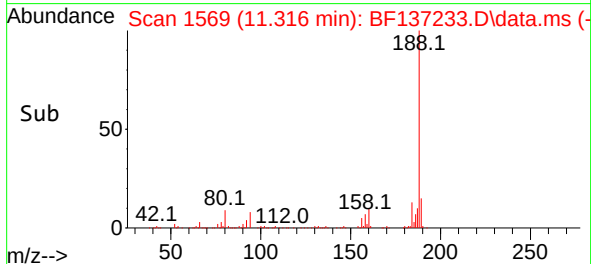
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01



Tgt Ion:188 Resp: 203990
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.7 8.8 13.2

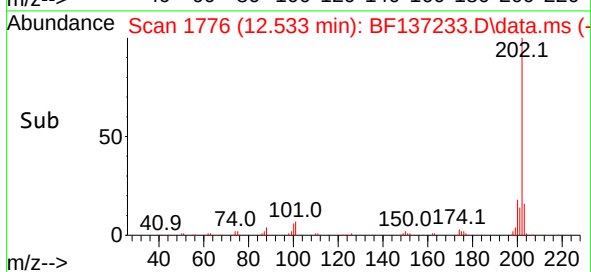
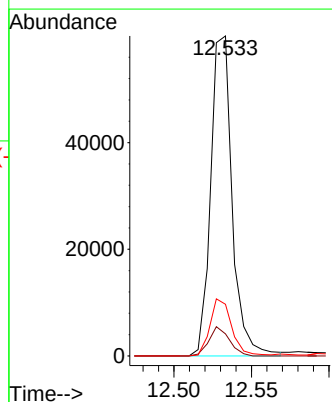
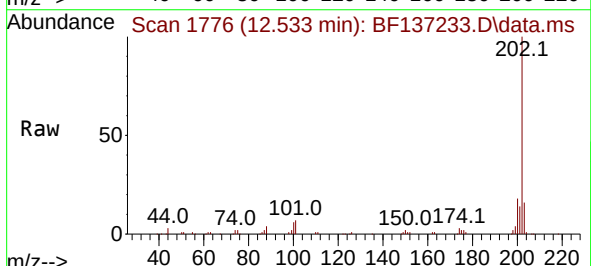
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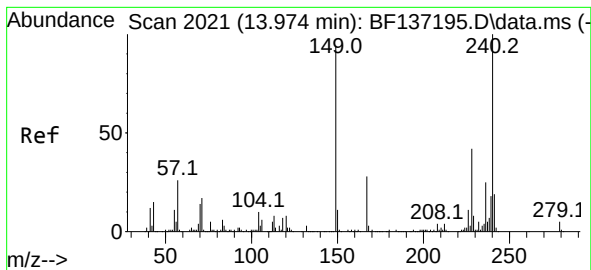
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#75
Fluoranthene
Concen: 5.173 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52

Tgt Ion:202 Resp: 57814
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.4
203 16.1 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: BF137233.D

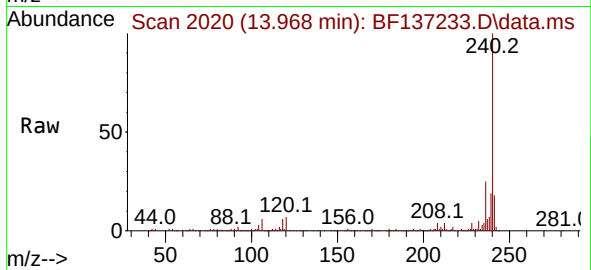
Acq: 01 Feb 2024 15:52

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-01



Tgt Ion:240 Resp: 14757

Ion Ratio Lower Upper

240 100

120 7.1 6.3 9.5

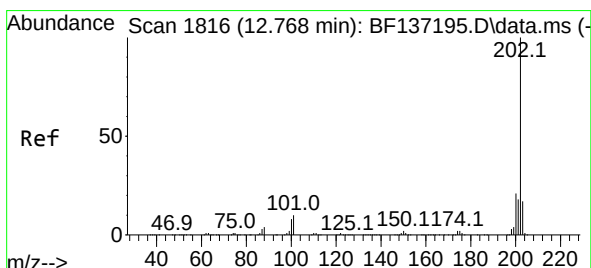
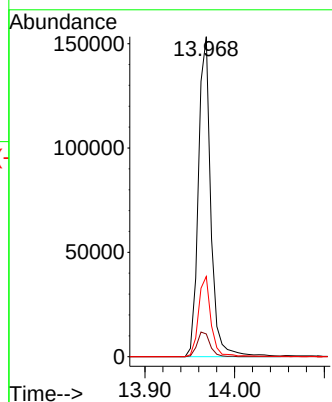
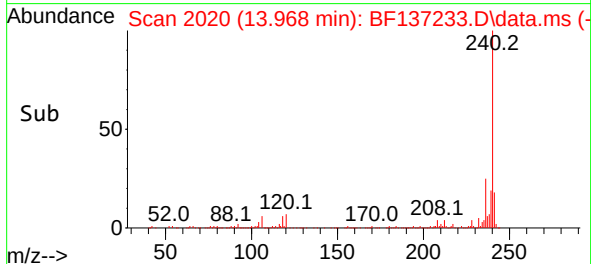
236 25.0 20.3 30.5

Manual Integrations

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Supervised By :Sohil Jodhani 02/02/2024



#78

Pyrene

Concen: 3.621 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF137233.D

Acq: 01 Feb 2024 15:52

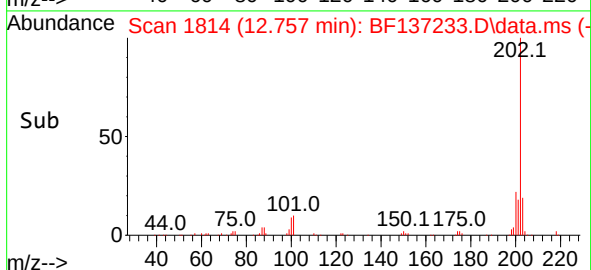
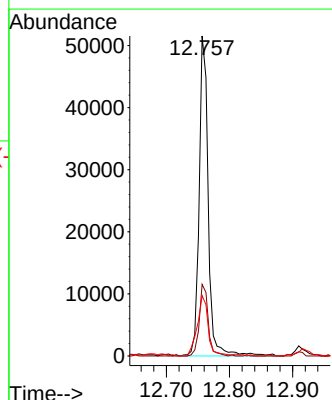
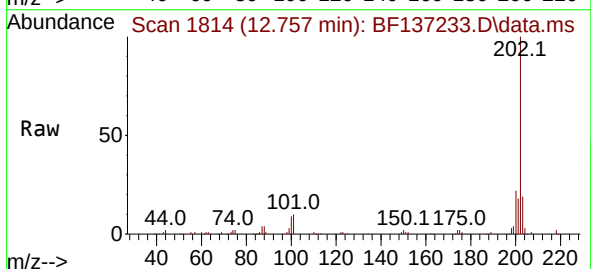
Tgt Ion:202 Resp: 51352

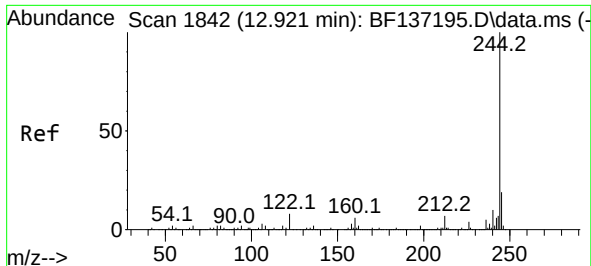
Ion Ratio Lower Upper

202 100

200 22.3 16.5 24.7

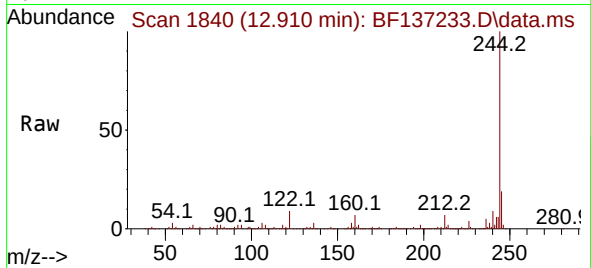
203 18.8 13.8 20.6





#79
 Terphenyl-d14
 Concen: 38.643 ng
 RT: 12.910 min Scan# 1842
 Delta R.T. -0.012 min
 Lab File: BF137233.D
 Acq: 01 Feb 2024 15:52

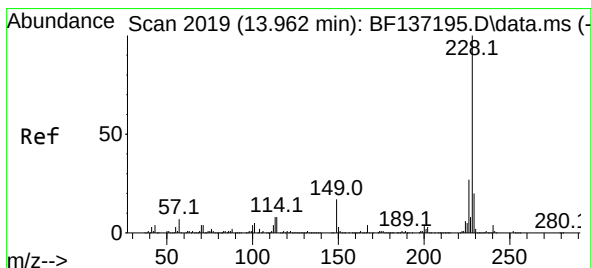
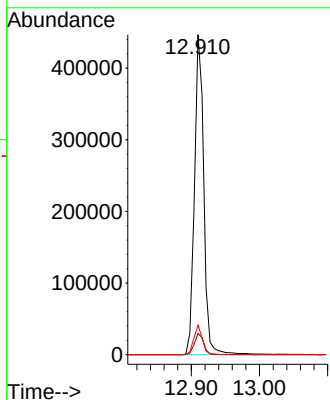
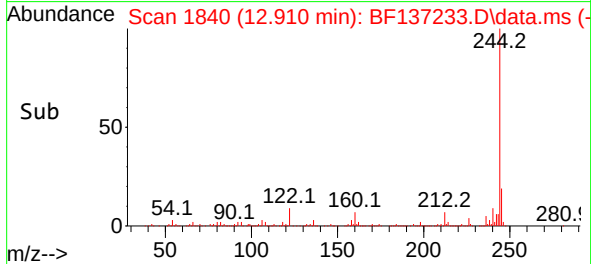
Instrument :
 BNA_F
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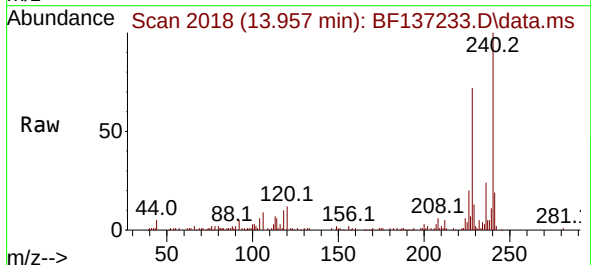
Tgt Ion:244 Resp: 419498
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 9.2 6.2 9.4

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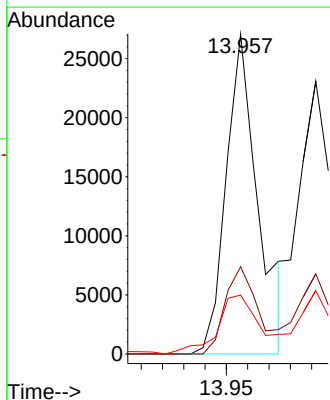
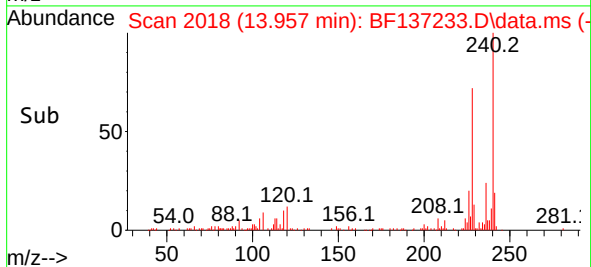
Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

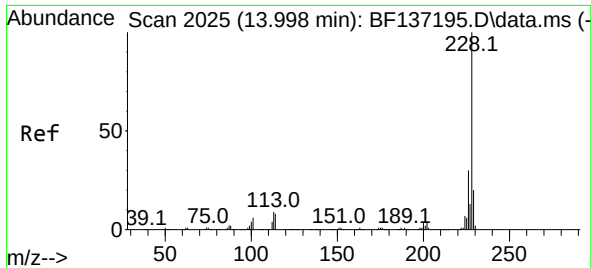


#81
 Benzo(a)anthracene
 Concen: 2.696 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF137233.D
 Acq: 01 Feb 2024 15:52



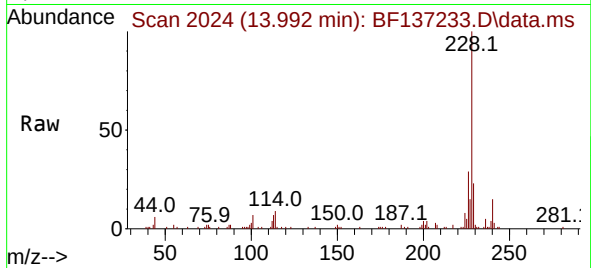
Tgt Ion:228 Resp: 28176
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.6 32.4
 229 18.4 15.8 23.6





#83
Chrysene
Concen: 2.574 ng
RT: 13.992 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52

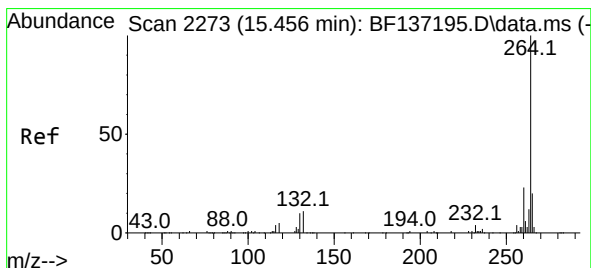
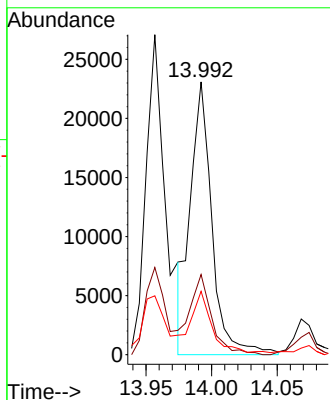
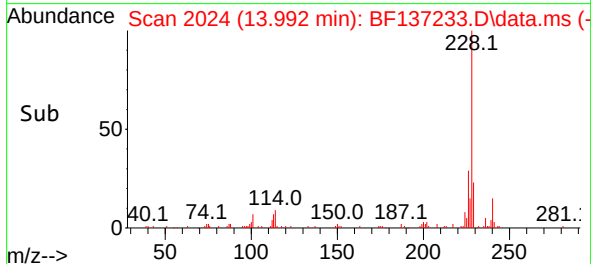
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01



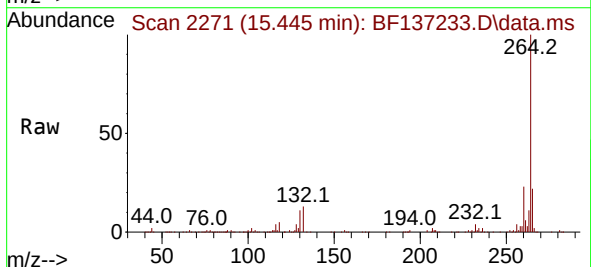
Tgt Ion:228 Resp: 26452
Ion Ratio Lower Upper
228 100
226 29.4 23.7 35.5
229 23.2 15.6 23.4

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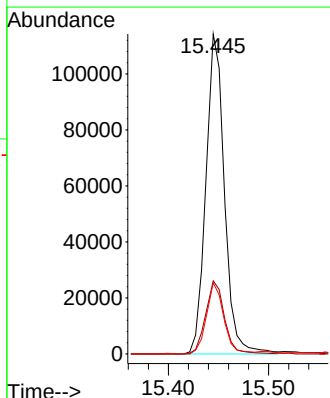
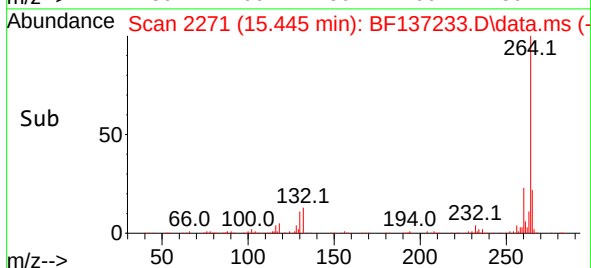
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

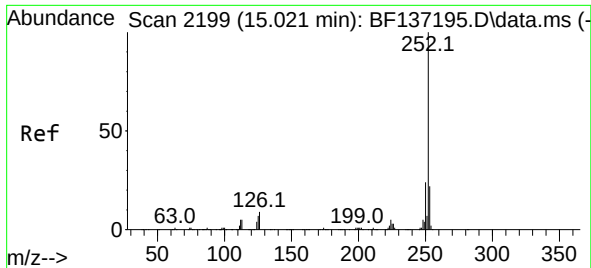


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52



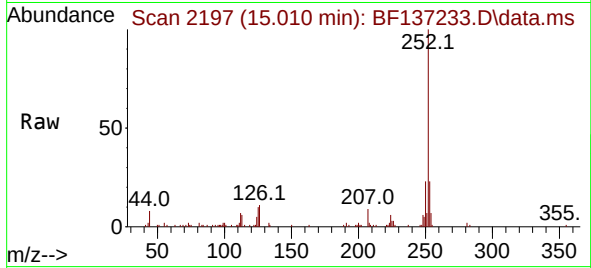
Tgt Ion:264 Resp: 147318
Ion Ratio Lower Upper
264 100
260 22.8 18.2 27.4
265 22.3 16.2 24.2





#88
Benzo(b)fluoranthene
Concen: 3.500 ng m
RT: 15.010 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52

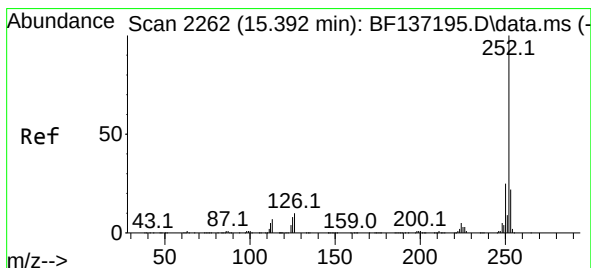
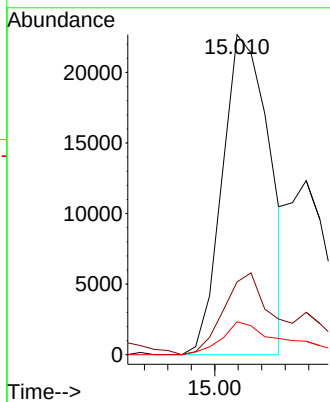
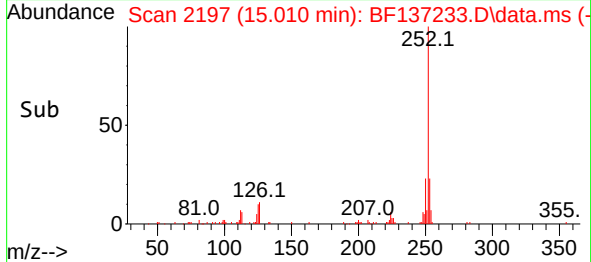
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01



Tgt Ion:252 Resp: 31709
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.3 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: 2.728 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.012 min
Lab File: BF137233.D
Acq: 01 Feb 2024 15:52

Tgt Ion:252 Resp: 23263
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.6
125 10.6 6.5 9.7

