

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137264.D
 Acq On : 02 Feb 2024 19:46
 Operator : CG\JU
 Sample : P1341-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 02 22:44:38 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	54995	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	208477	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	106265	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	169518	20.000	ng	0.00
76) Chrysene-d12	13.968	240	142385	20.000	ng	0.00
86) Perylene-d12	15.445	264	112329	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	403982	121.212	ng	0.01
7) Phenol-d6	6.422	99	525210	110.423	ng	0.00
23) Nitrobenzene-d5	7.351	82	346654	74.446	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	123254	102.703	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	576745	74.609	ng	0.00
79) Terphenyl-d14	12.910	244	587604	56.102	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	74180	8.359	ng	98
75) Fluoranthene	12.527	202	121812	13.117	ng	97
78) Pyrene	12.757	202	104060	7.605	ng	99
80) Butylbenzylphthalate	13.392	149	31329	8.950	ng	93
81) Benzo(a)anthracene	13.957	228	49370	4.896	ng	97
83) Chrysene	13.992	228	59999m	6.052	ng	
84) Bis(2-ethylhexyl)phtha...	13.963	149	245467	60.277	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	18718	2.372	ng	# 96
88) Benzo(b)fluoranthene	15.015	252	56283m	8.147	ng	
89) Benzo(k)fluoranthene	15.039	252	17206m	2.354	ng	
90) Benzo(a)pyrene	15.380	252	32241	4.959	ng	# 93
92) Benzo(g,h,i)perylene	17.380	276	19241	3.100	ng	98

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

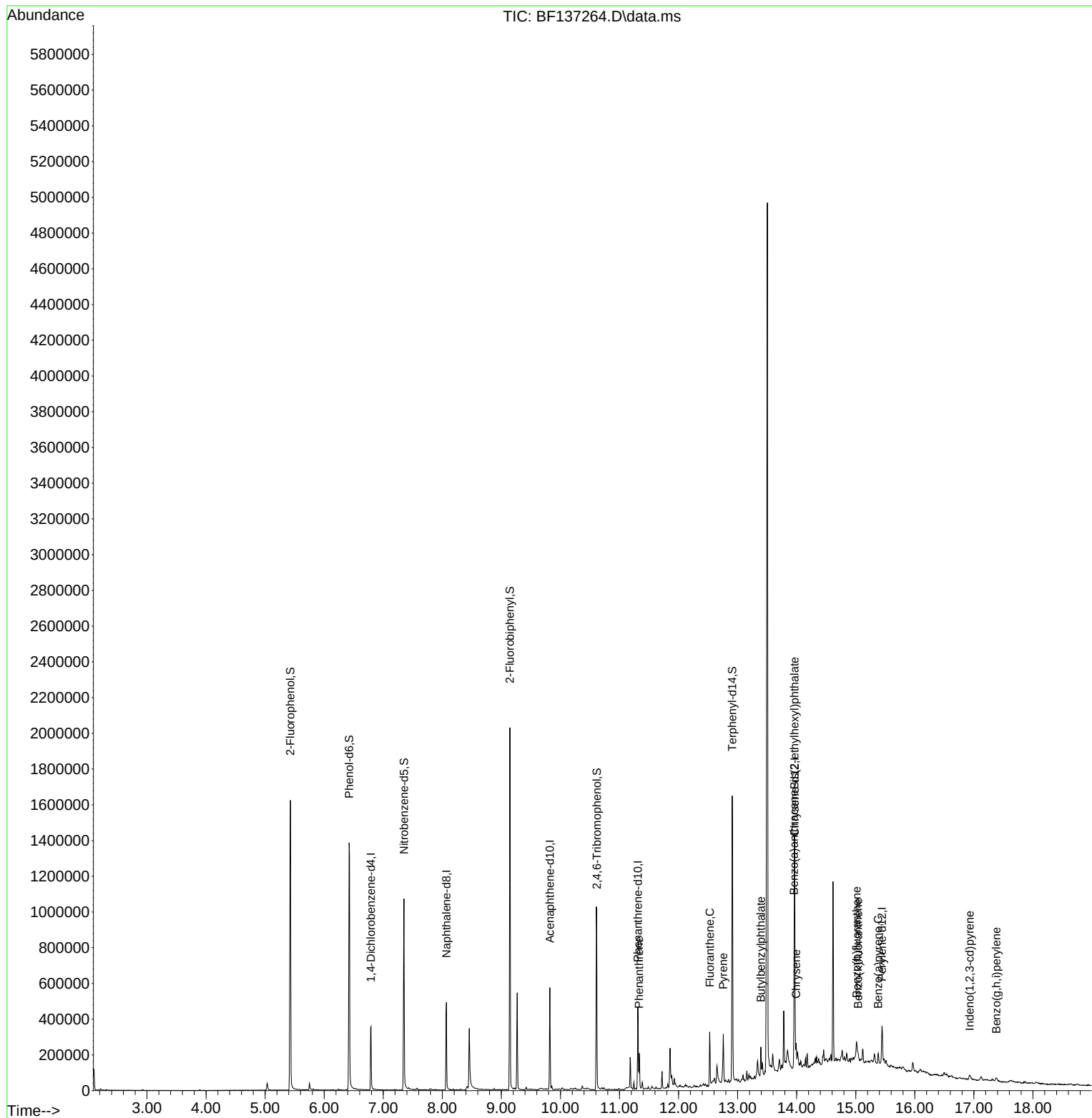
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137264.D
Acq On : 02 Feb 2024 19:46
Operator : CG\JU
Sample : P1341-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

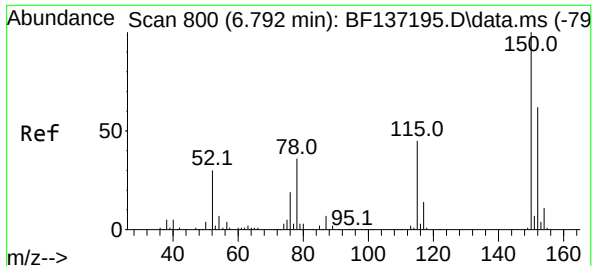
Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Time: Feb 02 22:44:38 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

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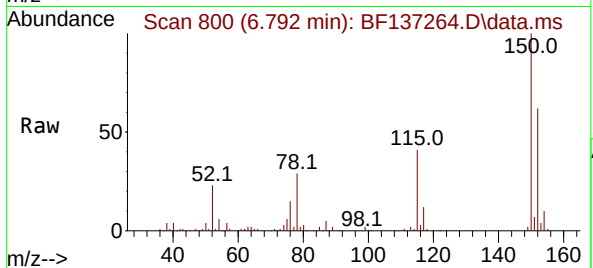
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

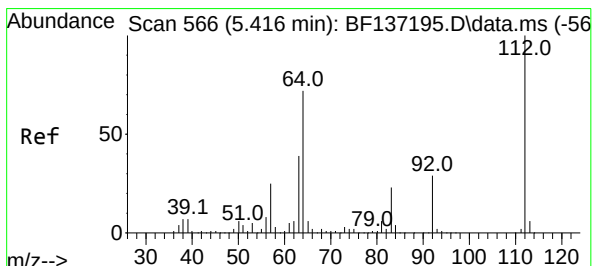
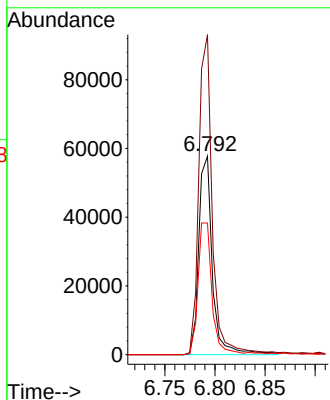
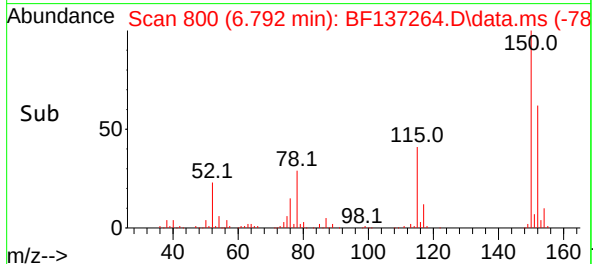
Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion:152 Resp: 5499
Ion Ratio Lower Upper
152 100
150 161.1 129.8 194.8
115 66.3 58.5 87.7

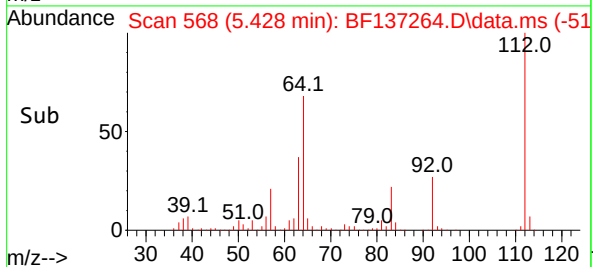
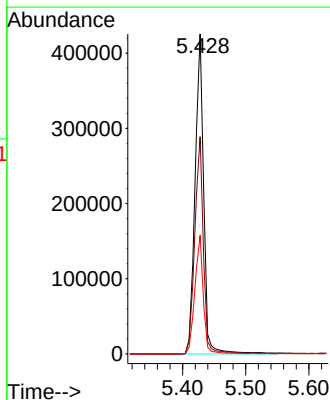
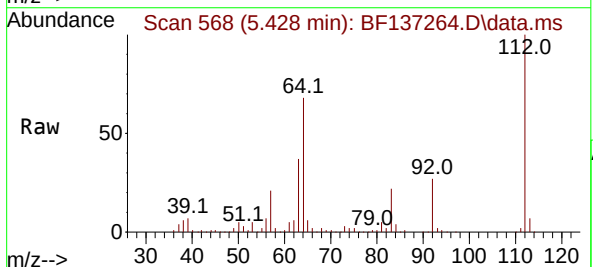
Manual Integrations
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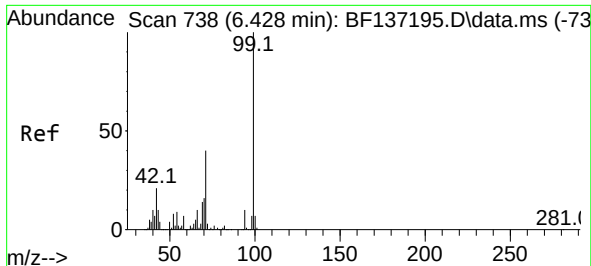
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#5
2-Fluorophenol
Concen: 121.212 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

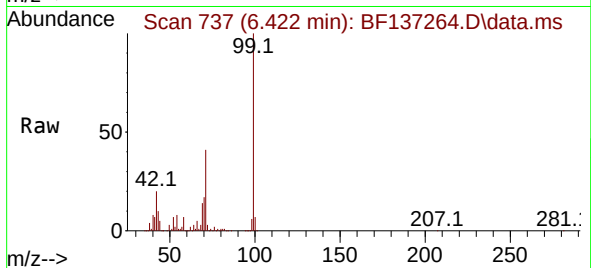
Tgt Ion:112 Resp: 403982
Ion Ratio Lower Upper
112 100
64 67.9 57.8 86.6
63 37.1 31.4 47.0





#7
Phenol-d6
Concen: 110.423 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

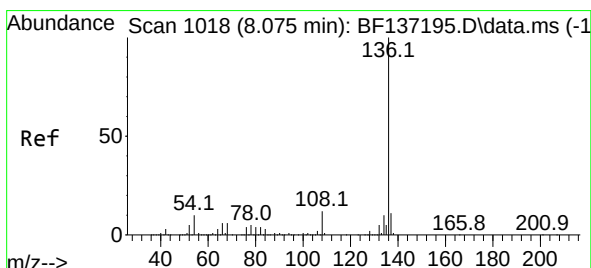
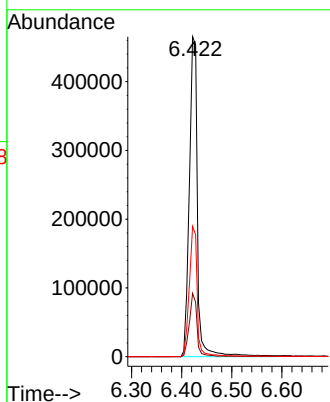
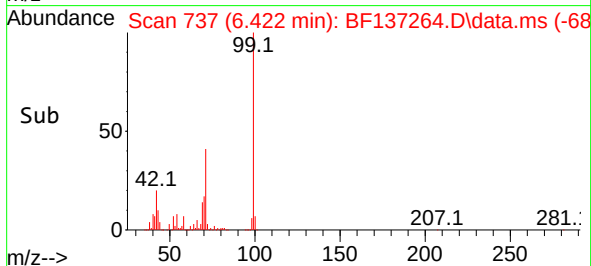
Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion: 99 Resp: 525210
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 40.7 32.4 48.6

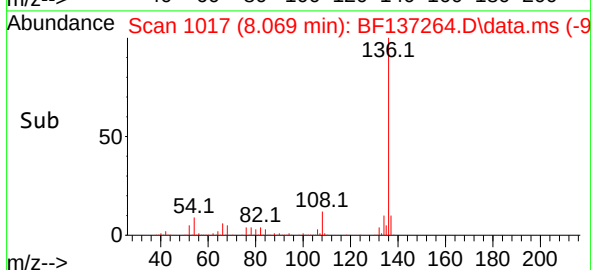
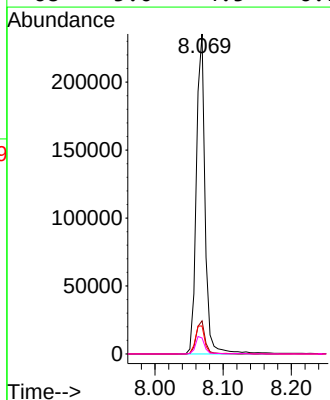
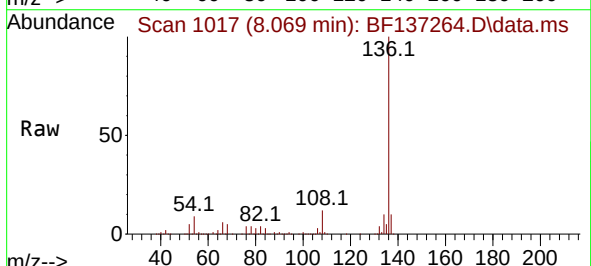
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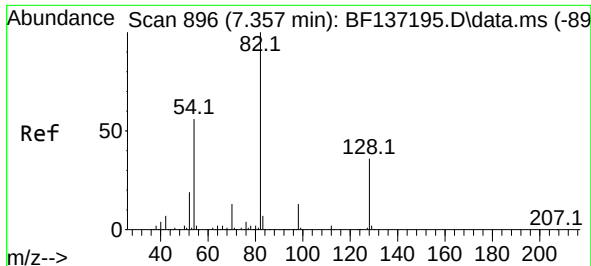
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Tgt Ion:136 Resp: 208477
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 8.8 7.8 11.8
68 5.0 4.5 6.7





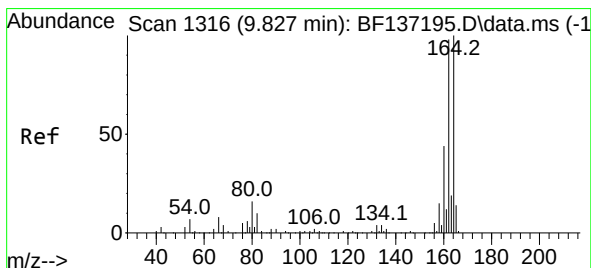
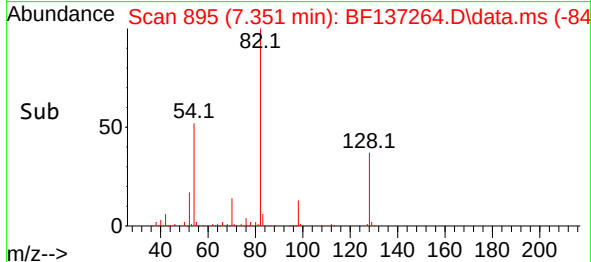
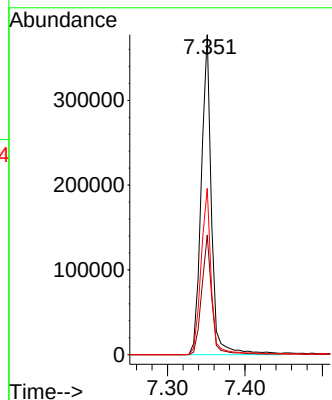
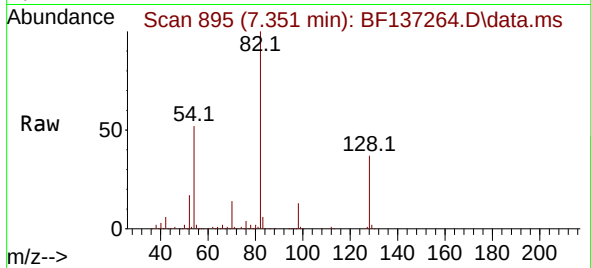
#23
Nitrobenzene-d5
Concen: 74.446 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 346654
Ion Ratio Lower Upper
82 100
128 37.4 29.1 43.7
54 51.9 45.0 67.6

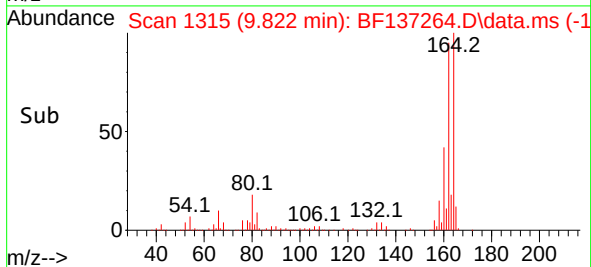
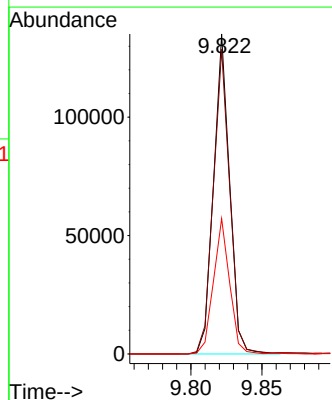
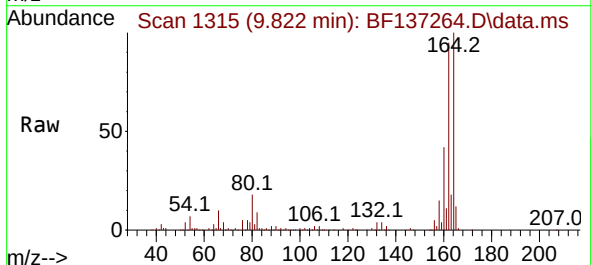
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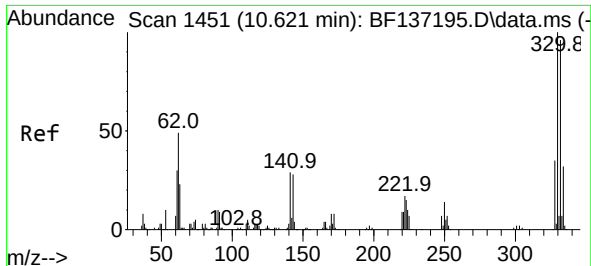
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Tgt Ion:164 Resp: 106265
Ion Ratio Lower Upper
164 100
162 95.1 78.3 117.5
160 42.3 35.4 53.2





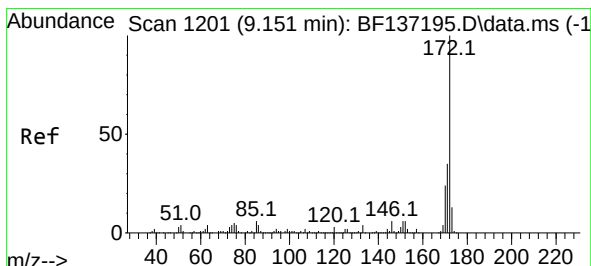
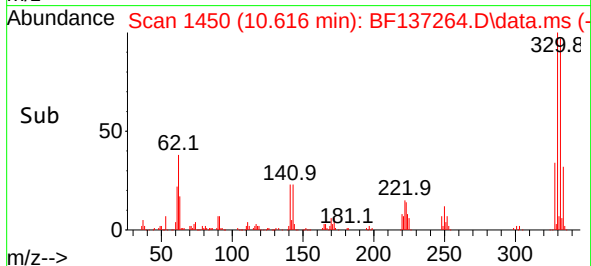
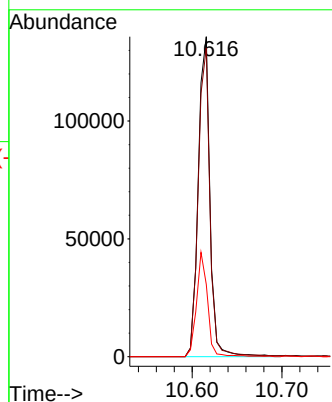
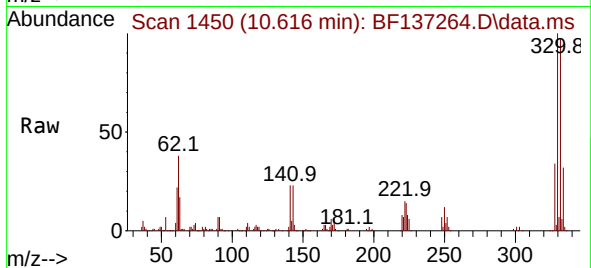
#42
2,4,6-Tribromophenol
Concen: 102.703 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:330 Resp: 123254
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 30.7 25.2 37.8

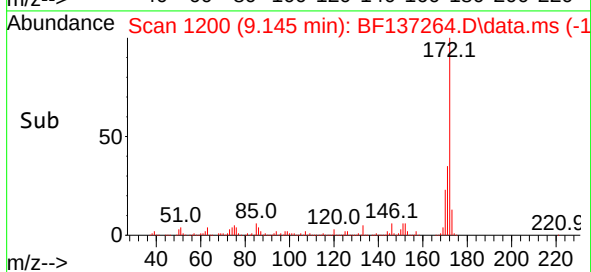
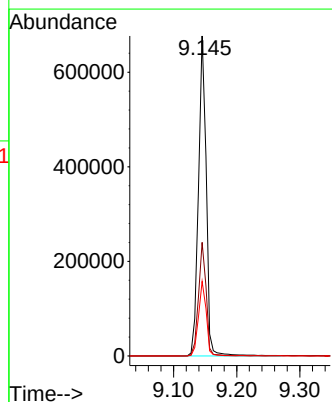
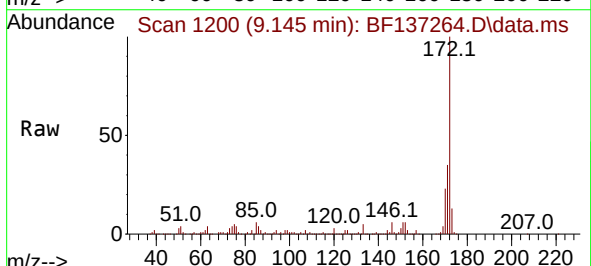
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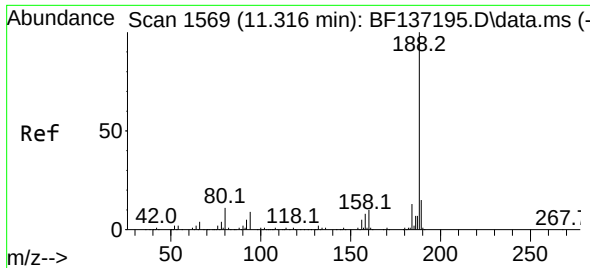
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#45
2-Fluorobiphenyl
Concen: 74.609 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Tgt Ion:172 Resp: 576745
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 19.1 28.7





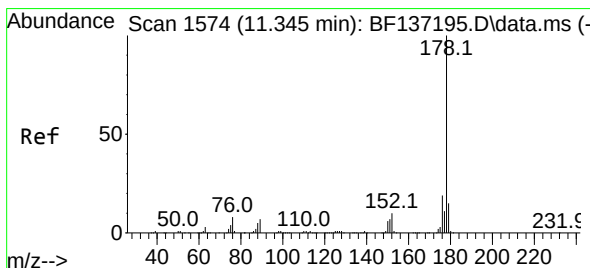
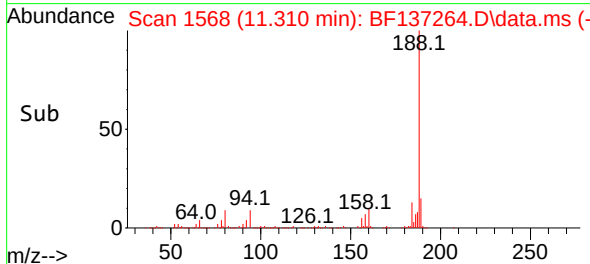
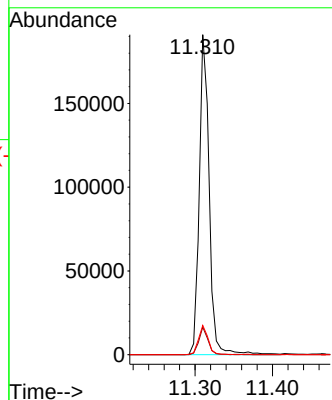
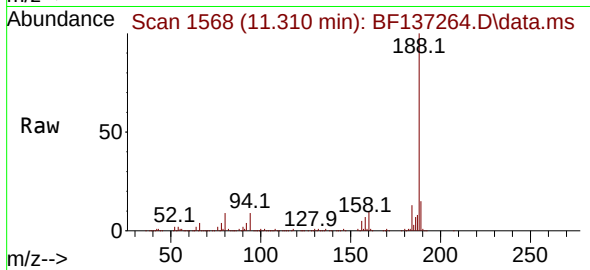
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:188 Resp: 169518
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.1 8.8 13.2

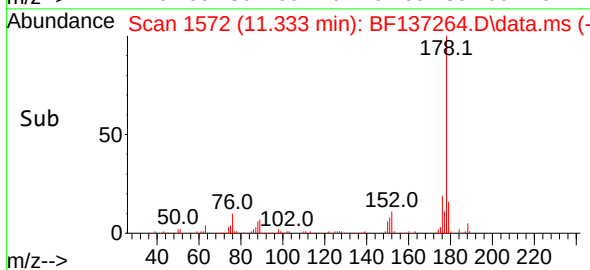
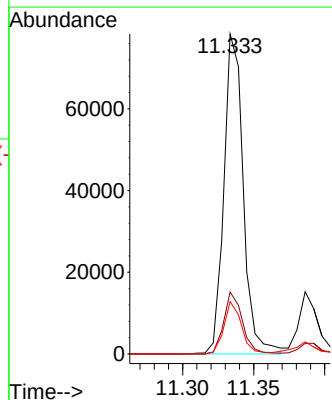
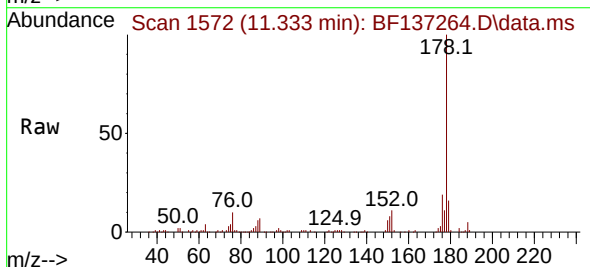
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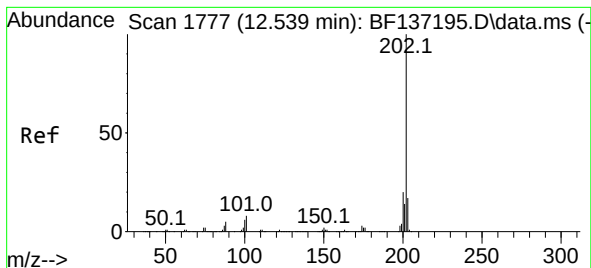
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#71
Phenanthrene
Concen: 8.359 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Tgt Ion:178 Resp: 74180
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 16.3 12.1 18.1





#75

Fluoranthene

Concen: 13.117 ng

RT: 12.527 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137264.D

Acq: 02 Feb 2024 19:46

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tgt Ion:202 Resp: 12181

Ion Ratio Lower Upper

202 100

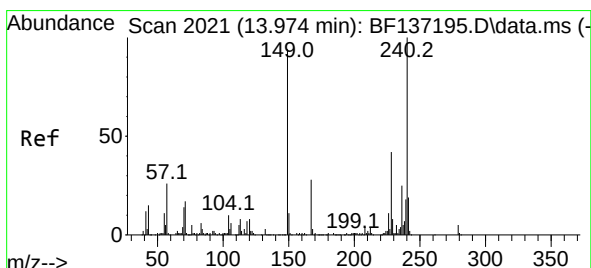
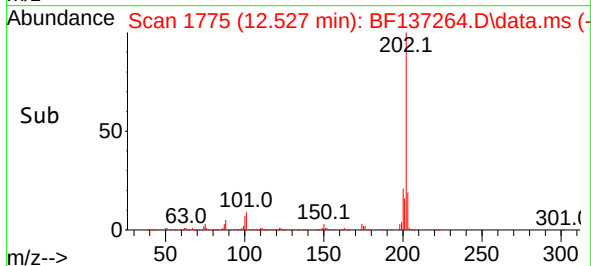
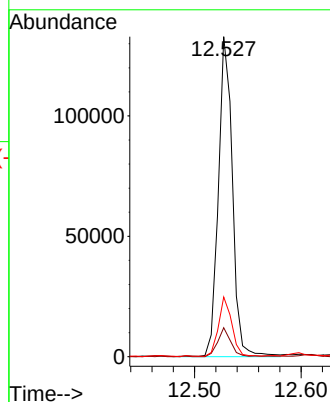
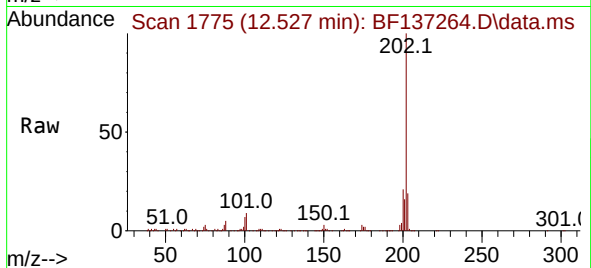
101 9.1 0.0 28.4

203 18.6 0.0 37.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137264.D

Acq: 02 Feb 2024 19:46

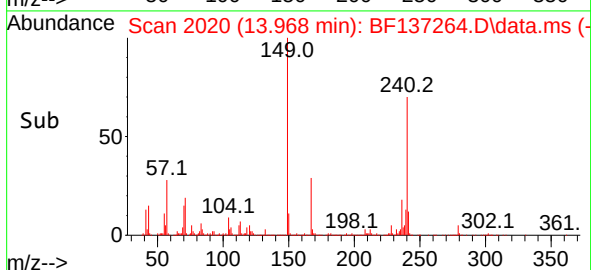
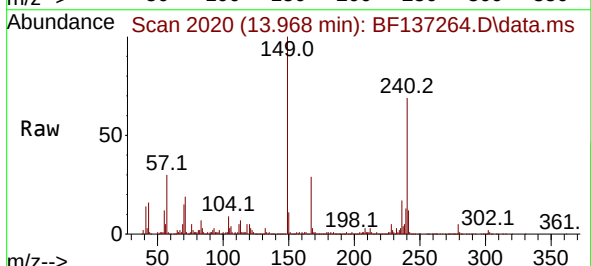
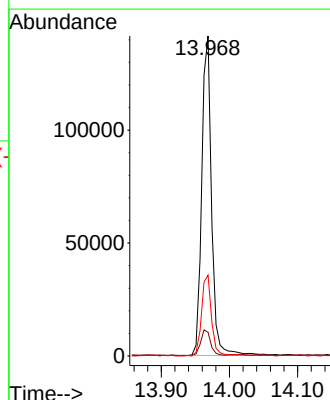
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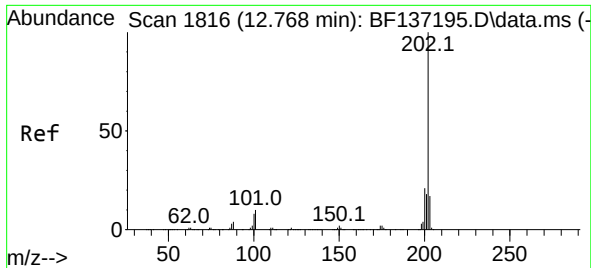
Ion Ratio Lower Upper

240 100

120 7.4 6.3 9.5

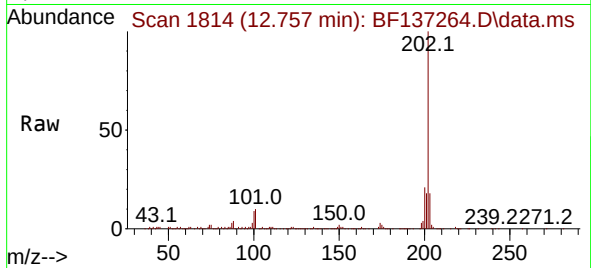
236 25.3 20.3 30.5





#78
Pyrene
Concen: 7.605 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

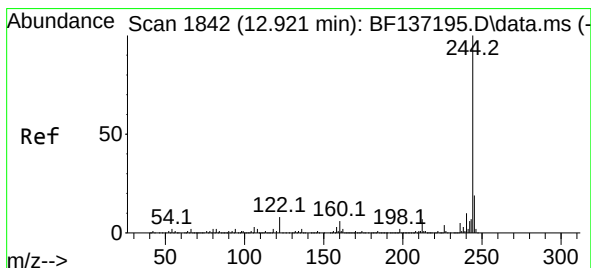
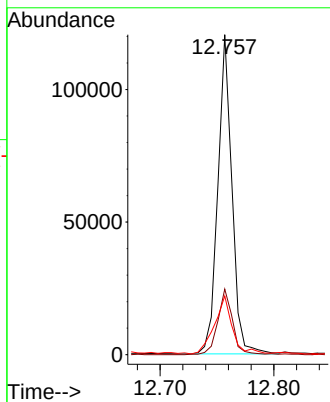
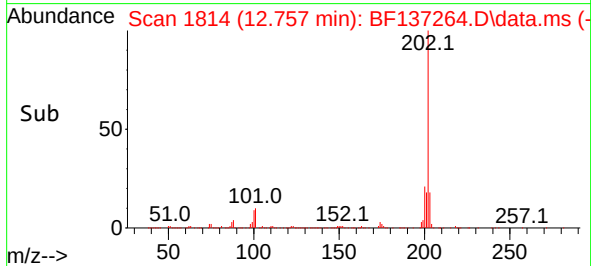
Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion:202 Resp: 104060
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 18.4 13.8 20.6

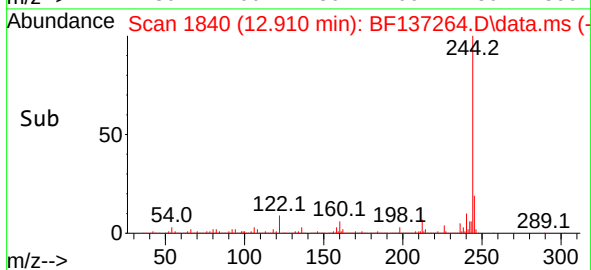
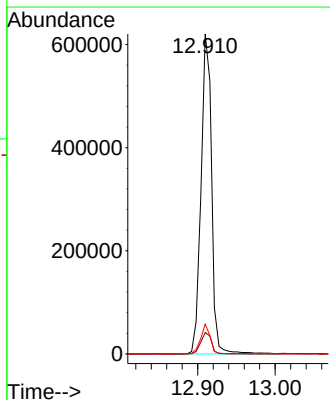
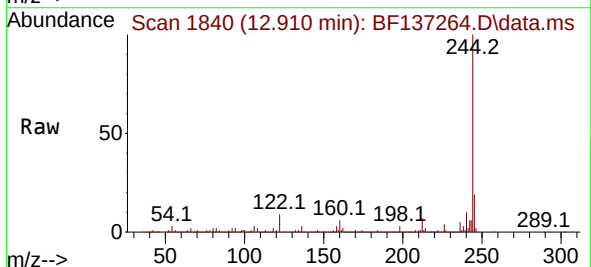
Manual Integrations
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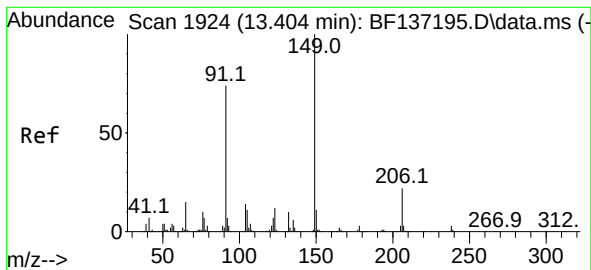
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#79
Terphenyl-d14
Concen: 56.102 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Tgt Ion:244 Resp: 587604
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 9.3 6.2 9.4





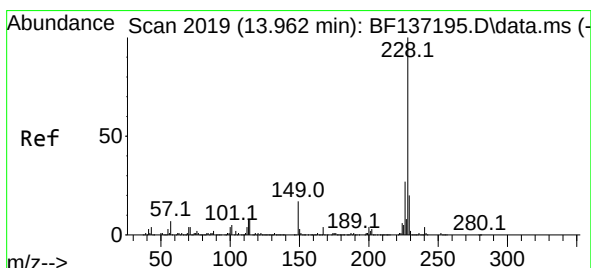
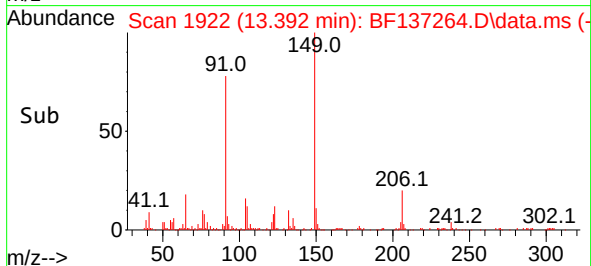
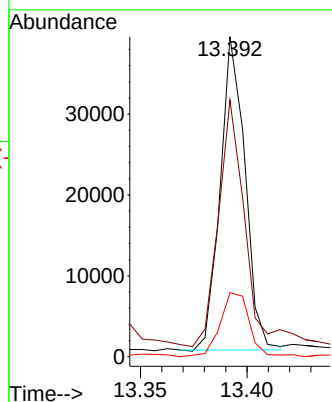
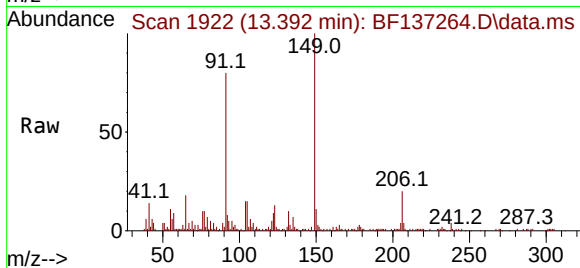
#80
Butylbenzylphthalate
Concen: 8.950 ng
RT: 13.392 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:149 Resp: 31329
Ion Ratio Lower Upper
149 100
91 80.2 58.8 88.2
206 20.0 17.7 26.5

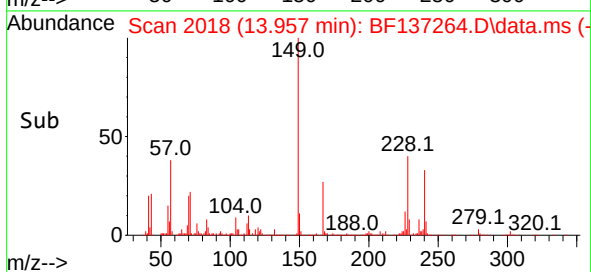
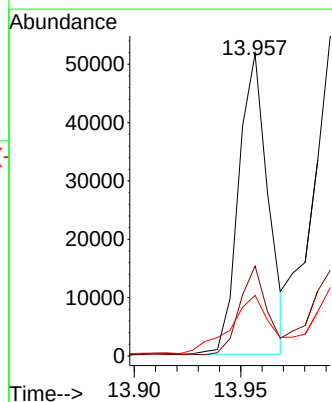
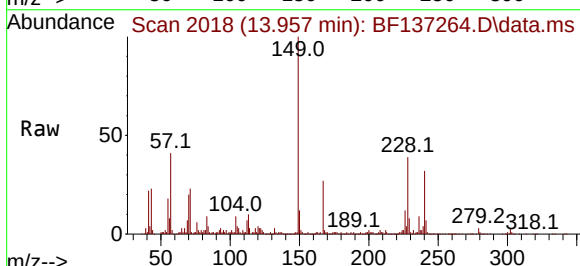
Manual Integrations
APPROVED

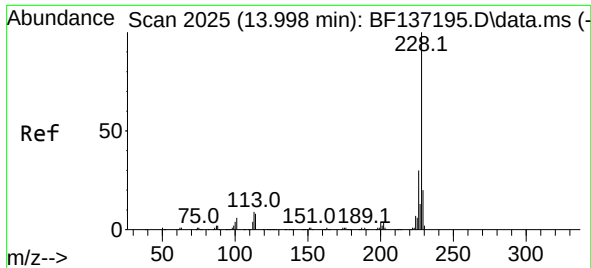
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#81
Benzo(a)anthracene
Concen: 4.896 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Tgt Ion:228 Resp: 49370
Ion Ratio Lower Upper
228 100
226 29.7 21.6 32.4
229 20.0 15.8 23.6





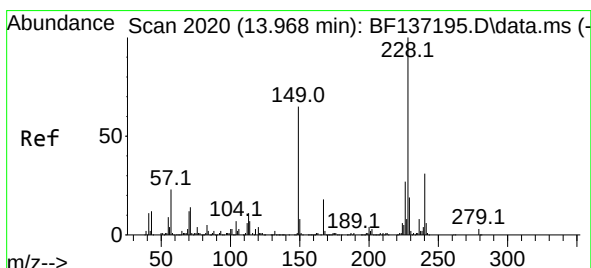
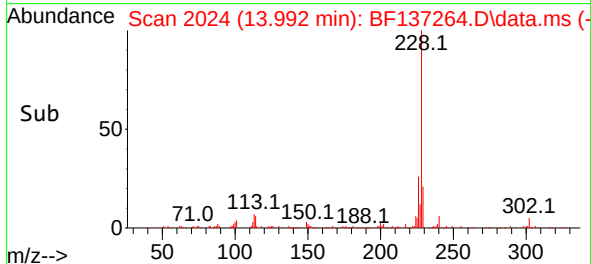
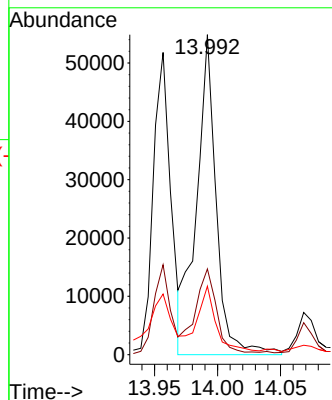
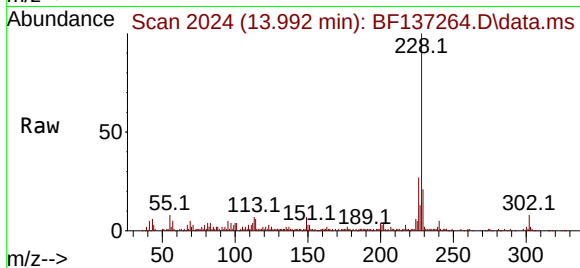
#83
Chrysene
Concen: 6.052 ng m
RT: 13.992 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:228 Resp: 59999
Ion Ratio Lower Upper
228 100
226 26.8 23.7 35.5
229 21.4 15.6 23.4

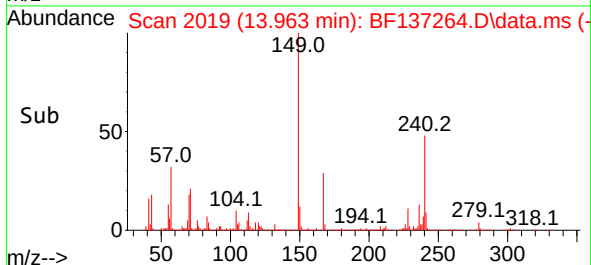
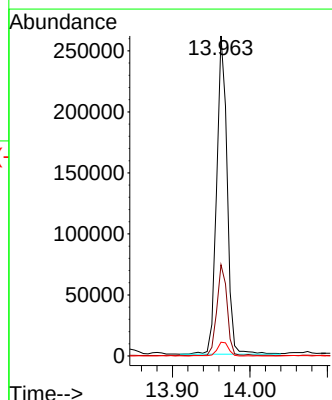
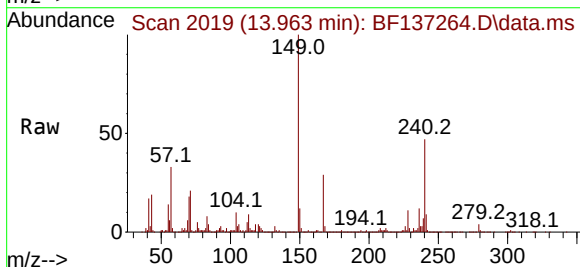
Manual Integrations
APPROVED

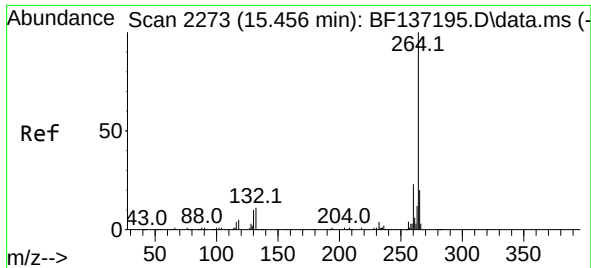
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 60.277 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Tgt Ion:149 Resp: 245467
Ion Ratio Lower Upper
149 100
167 28.5 21.7 32.5
279 4.3 3.4 5.0





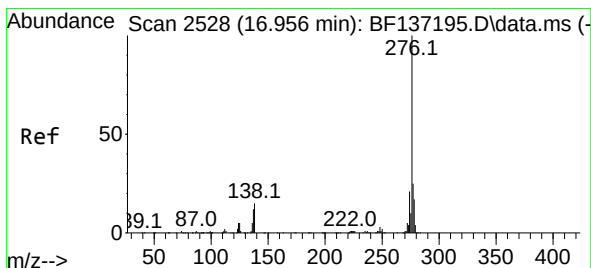
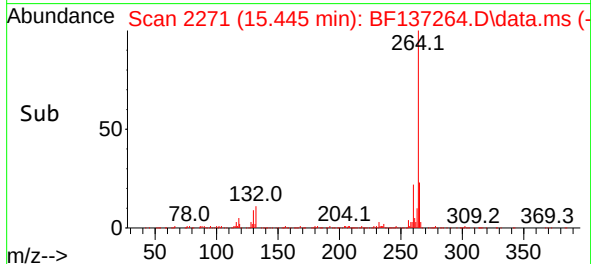
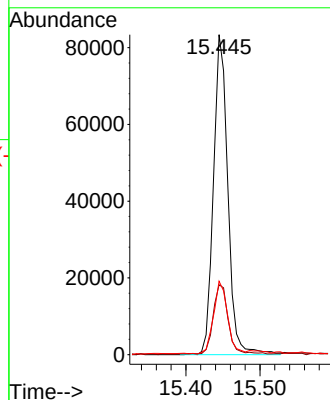
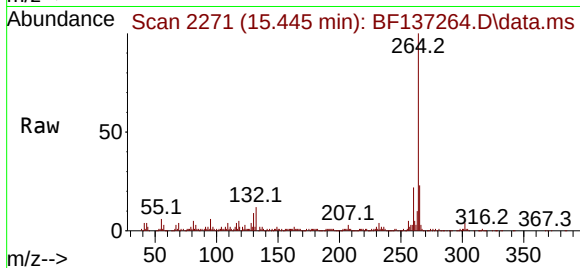
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:264 Resp: 112329
Ion Ratio Lower Upper
264 100
260 21.9 18.2 27.4
265 23.0 16.2 24.2

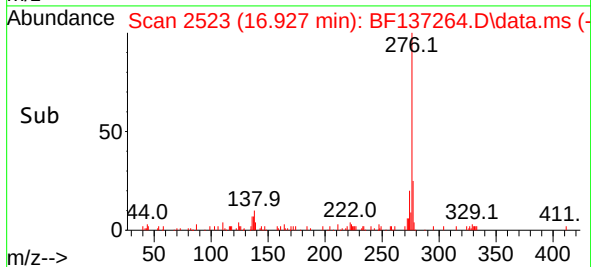
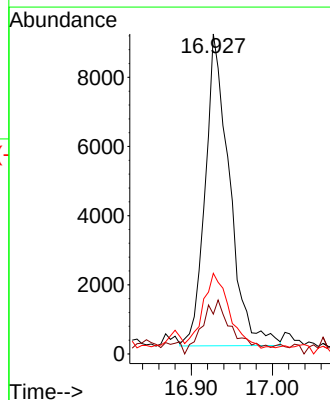
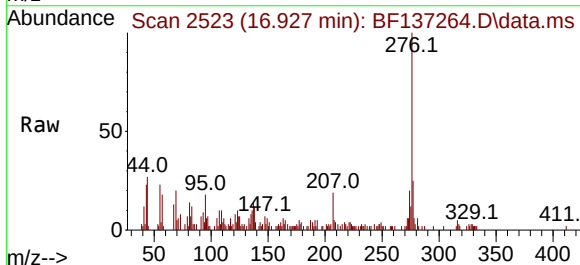
Manual Integrations
APPROVED

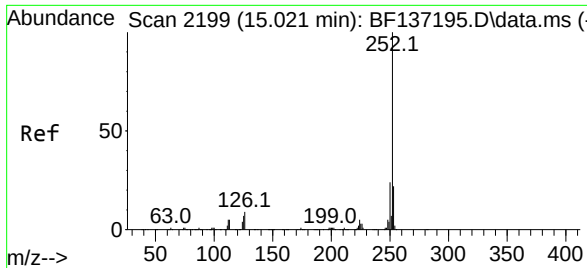
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.372 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.029 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Tgt Ion:276 Resp: 18718
Ion Ratio Lower Upper
276 100
138 21.9 14.6 21.8#
277 25.8 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 8.147 ng m
RT: 15.015 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Instrument :

BNA_F

ClientSampleId :

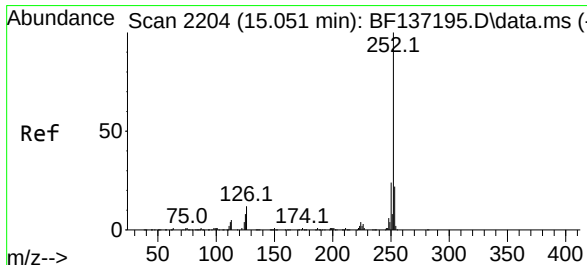
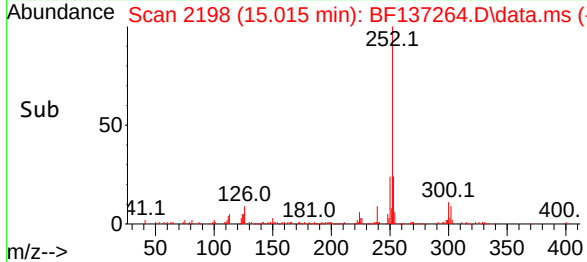
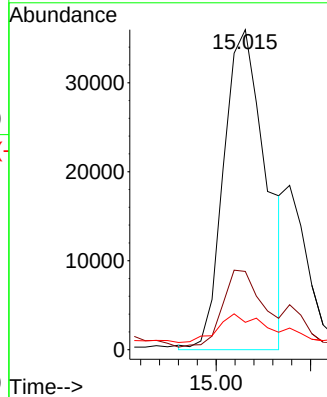
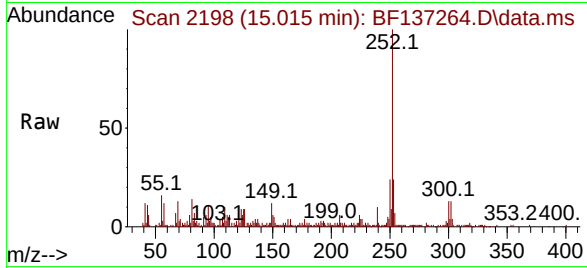
COMP-1

Tgt Ion:252 Resp: 5628
Ion Ratio Lower Upper
252 100
253 24.5 17.9 26.9
125 8.5 5.4 8.2

Manual Integrations

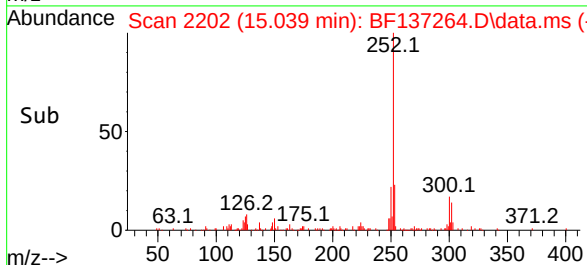
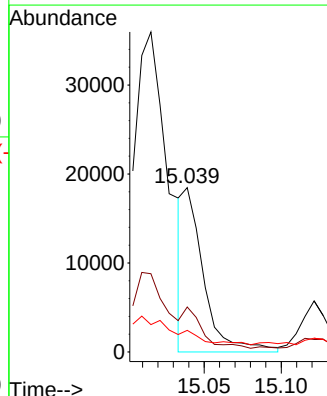
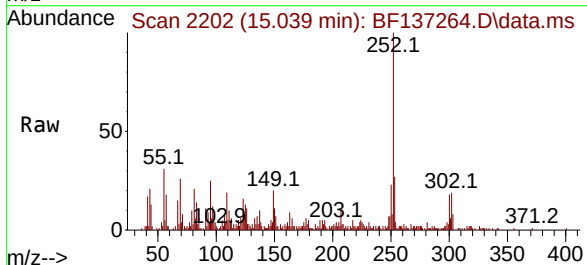
APPROVED

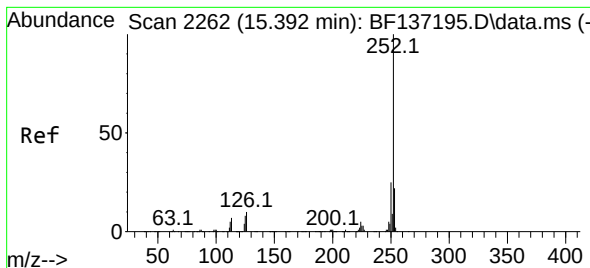
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#89
Benzo(k)fluoranthene
Concen: 2.354 ng m
RT: 15.039 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BF137264.D
Acq: 02 Feb 2024 19:46

Tgt Ion:252 Resp: 17206
Ion Ratio Lower Upper
252 100
253 27.3 17.0 25.6#
125 13.1 5.9 8.9#





#90

Benzo(a)pyrene

Concen: 4.959 ng

RT: 15.380 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137264.D

Acq: 02 Feb 2024 19:46

Instrument :

BNA_F

ClientSampleId :

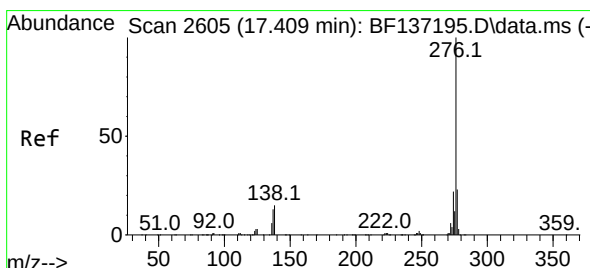
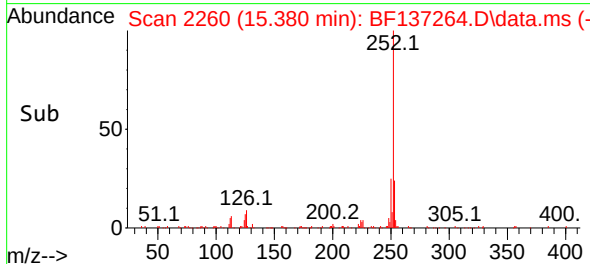
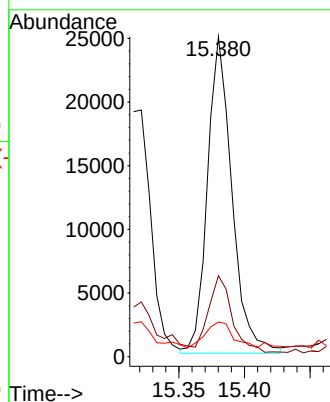
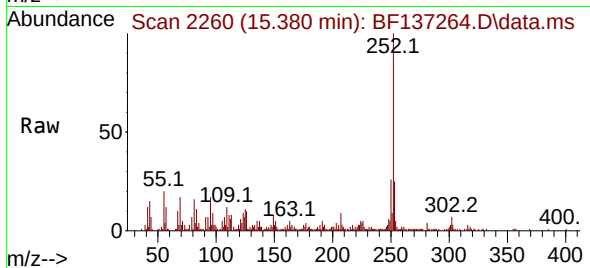
COMP-1

Tgt Ion:252	Resp:	3224
Ion Ratio	Lower	Upper
252	100	
253	25.3	17.8 26.6
125	10.9	6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#92

Benzo(g,h,i)perylene

Concen: 3.100 ng

RT: 17.380 min Scan# 2600

Delta R.T. -0.029 min

Lab File: BF137264.D

Acq: 02 Feb 2024 19:46

Tgt Ion:276	Resp:	19241
Ion Ratio	Lower	Upper
276	100	
277	22.1	18.4 27.6
138	16.0	11.8 17.8

