

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137320.D
 Acq On : 07 Feb 2024 15:12
 Operator : CG\JU
 Sample : P1367-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 15:37:45 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	6.787	152	55025	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	209571	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	111914	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	172369	20.000	ng	0.00
76) Chrysene-d12	13.968	240	134618	20.000	ng	0.00
86) Perylene-d12	15.451	264	119422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	343906	103.130	ng	0.00
7) Phenol-d6	6.422	99	450731	94.713	ng	0.00
23) Nitrobenzene-d5	7.345	82	306229	65.421	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	107932	85.396	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	528956	64.973	ng	0.00
79) Terphenyl-d14	12.910	244	458013	46.253	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.333	178	24499	2.715	ng	98
75) Fluoranthene	12.527	202	45507	4.819	ng	98
78) Pyrene	12.757	202	46501	3.594	ng	98
81) Benzo(a)anthracene	13.957	228	27651	2.900	ng	# 89
83) Chrysene	13.992	228	23795	2.539	ng	94
88) Benzo(b)fluoranthene	15.015	252	31185m	4.246	ng	
90) Benzo(a)pyrene	15.386	252	20757	3.003	ng	# 93
92) Benzo(g,h,i)perylene	17.398	276	13625	2.065	ng	96

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

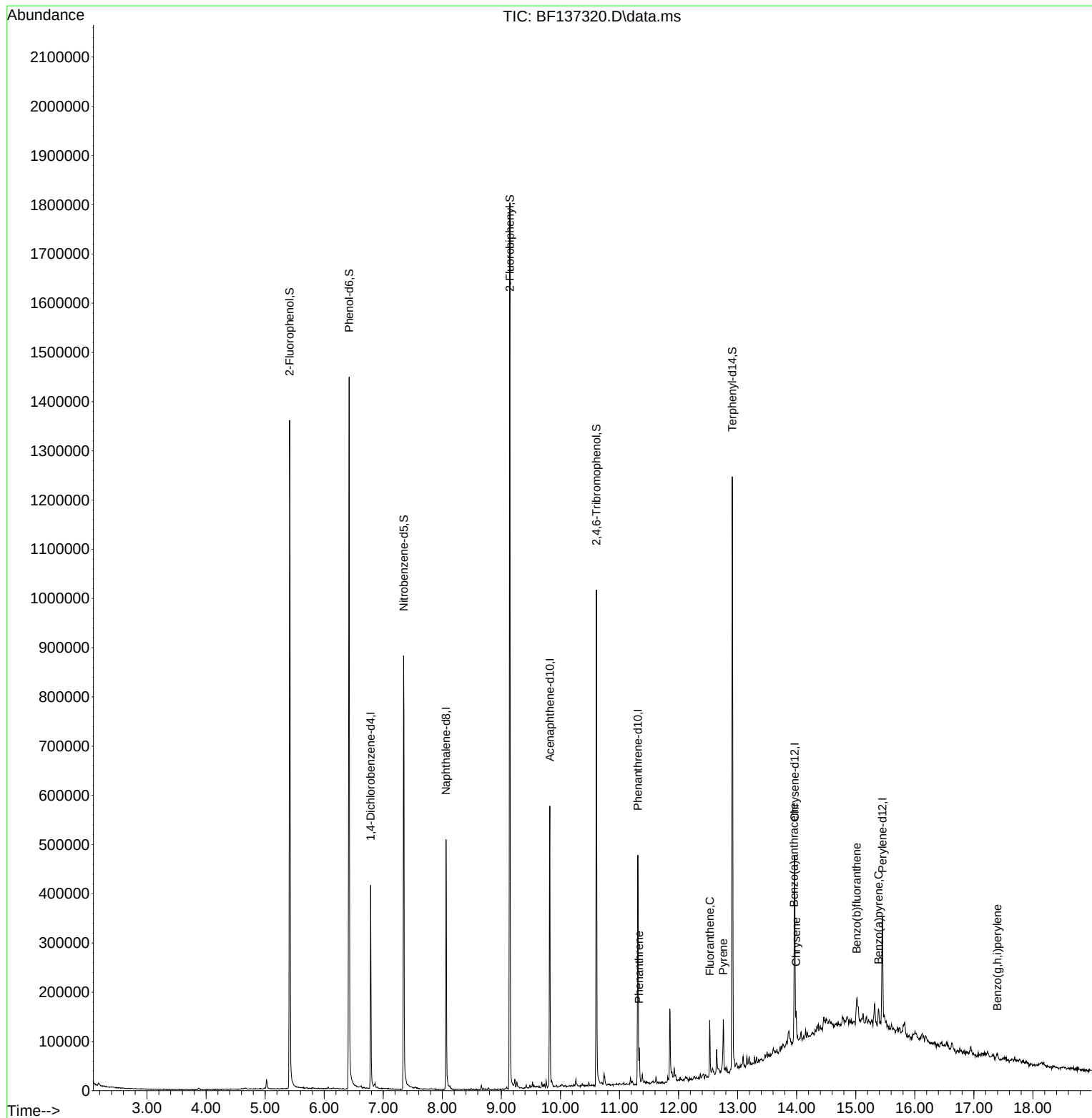
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
Data File : BF137320.D
Acq On : 07 Feb 2024 15:12
Operator : CG\JU
Sample : P1367-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

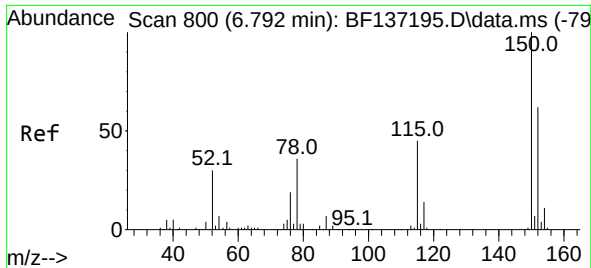
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7D

Quant Time: Feb 07 15:37:45 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

Manual Integrations
APPROVED

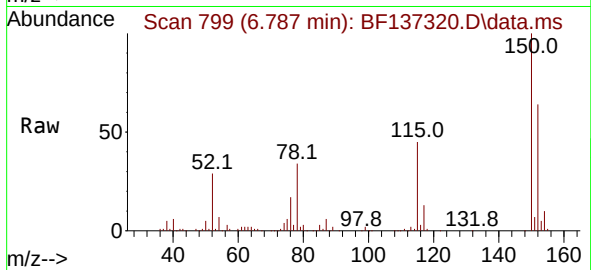
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

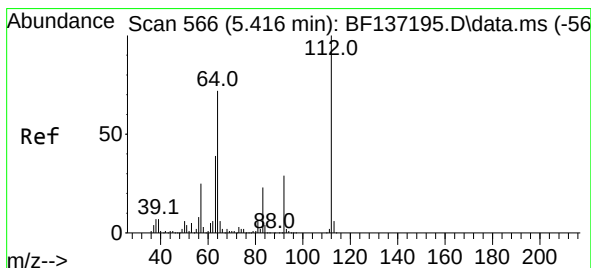
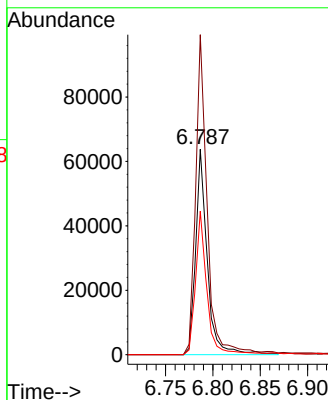
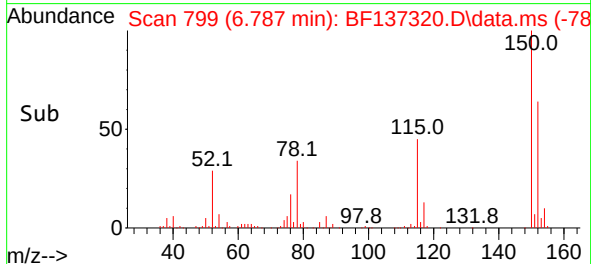
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7D



Tgt Ion:152 Resp: 5502
Ion Ratio Lower Upper
152 100
150 155.8 129.8 194.8
115 69.9 58.5 87.7

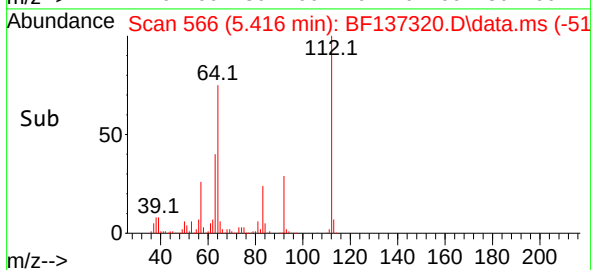
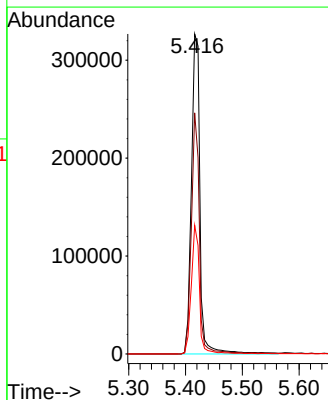
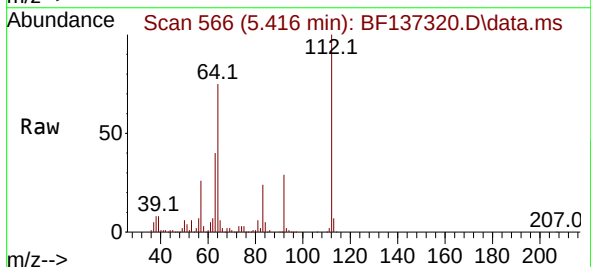
Manual Integrations
APPROVED

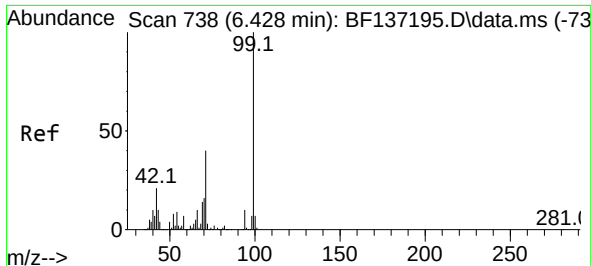
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#5
2-Fluorophenol
Concen: 103.130 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

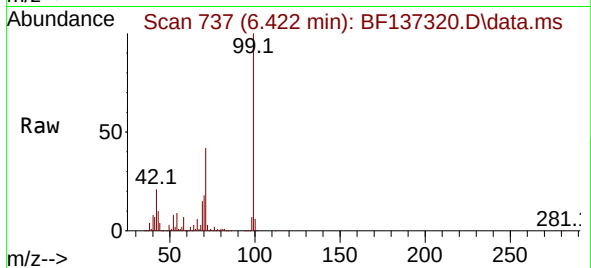
Tgt Ion:112 Resp: 343906
Ion Ratio Lower Upper
112 100
64 75.3 57.8 86.6
63 40.2 31.4 47.0





#7
Phenol-d6
Concen: 94.713 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

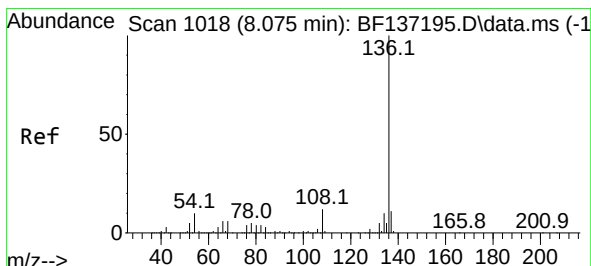
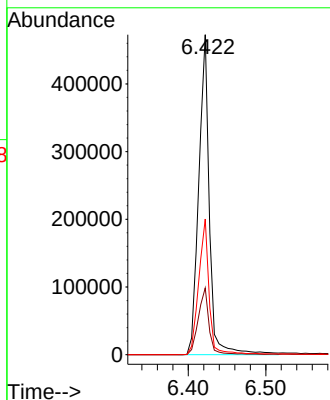
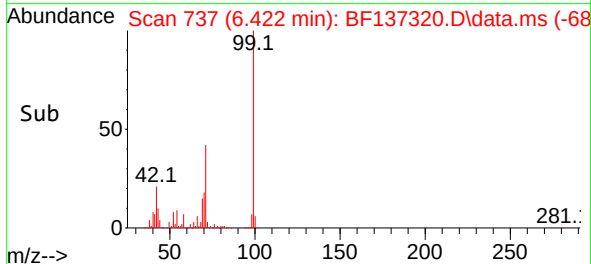
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7D



Tgt Ion: 99 Resp: 45073
Ion Ratio Lower Upper
99 100
42 20.9 16.4 24.6
71 42.4 32.4 48.6

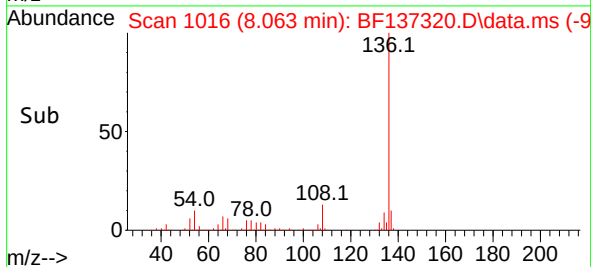
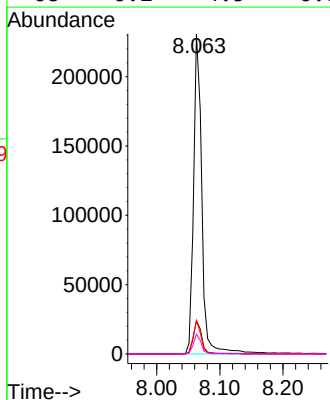
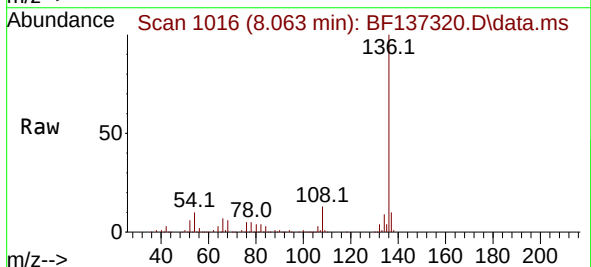
Manual Integrations
APPROVED

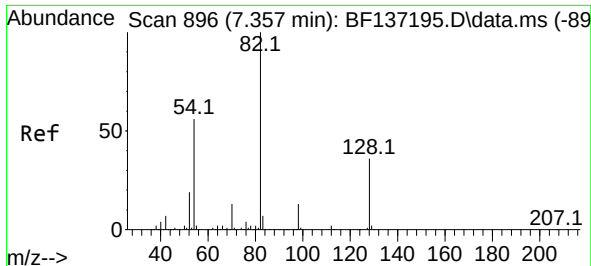
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

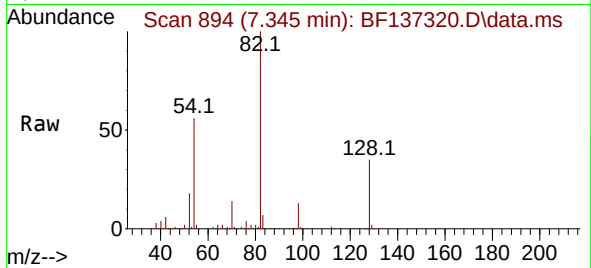
Tgt Ion:136 Resp: 209571
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.4 7.8 11.8
68 6.2 4.5 6.7





#23
Nitrobenzene-d5
Concen: 65.421 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

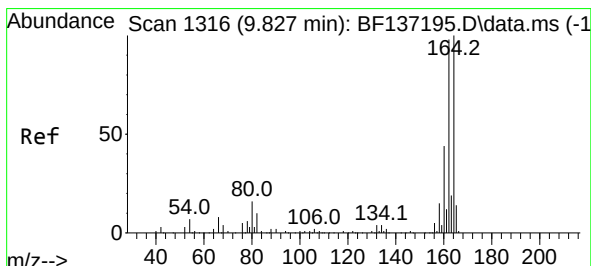
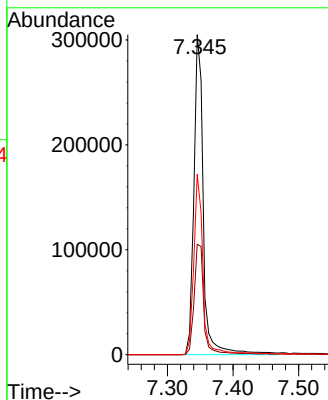
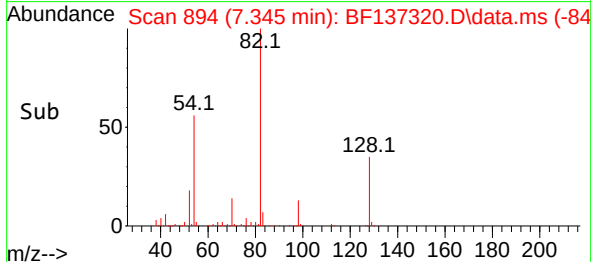
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7D



Tgt Ion: 82 Resp: 306229
Ion Ratio Lower Upper
82 100
128 34.5 29.1 43.7
54 56.4 45.0 67.6

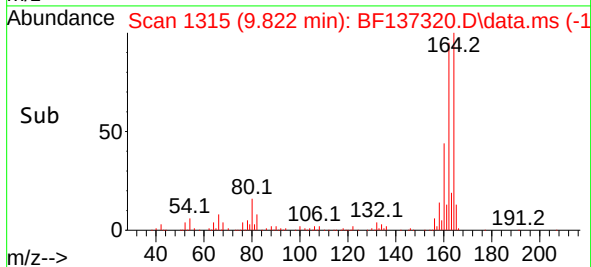
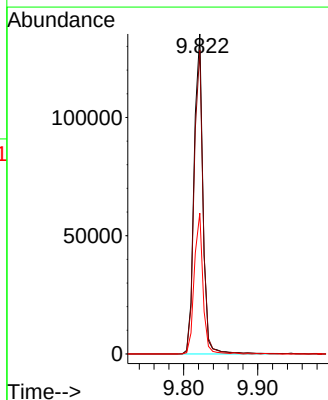
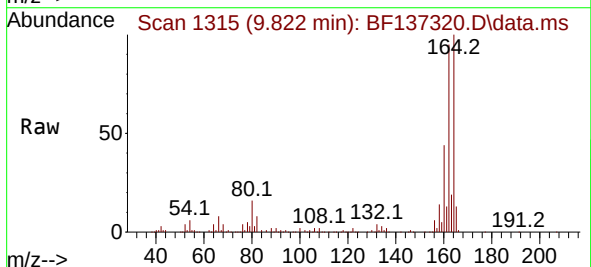
Manual Integrations
APPROVED

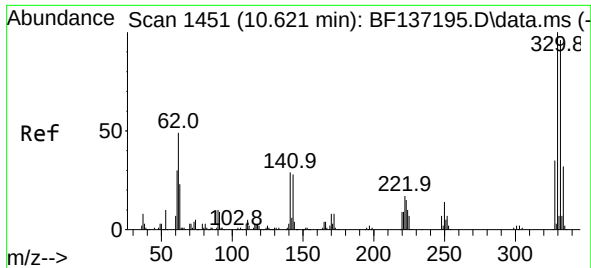
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

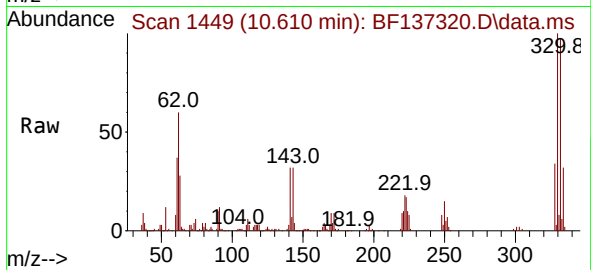
Tgt Ion:164 Resp: 111914
Ion Ratio Lower Upper
164 100
162 95.0 78.3 117.5
160 44.0 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 85.396 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

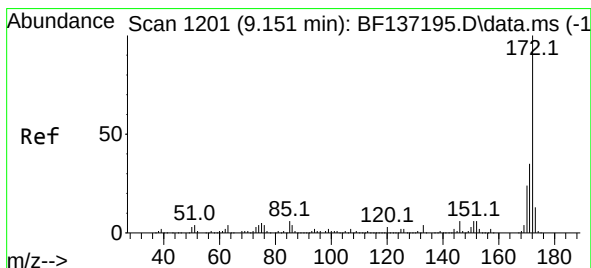
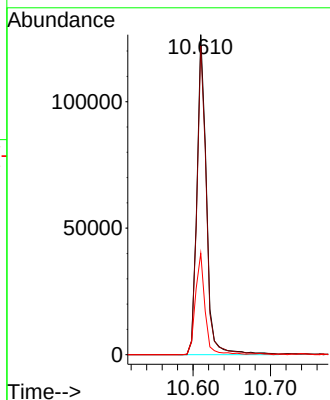
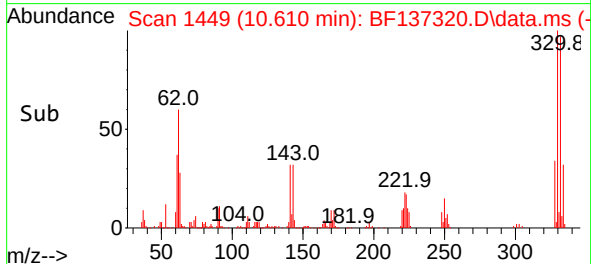
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7D



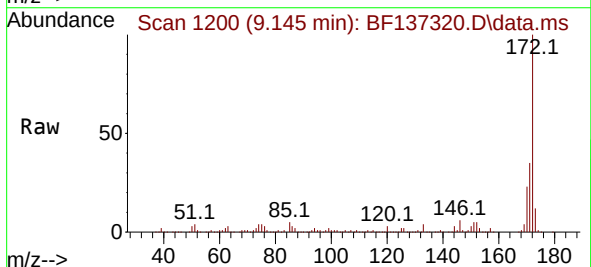
Tgt Ion: 330 Resp: 107932
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 31.8 25.2 37.8

Manual Integrations
APPROVED

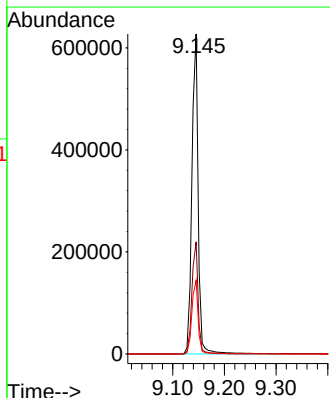
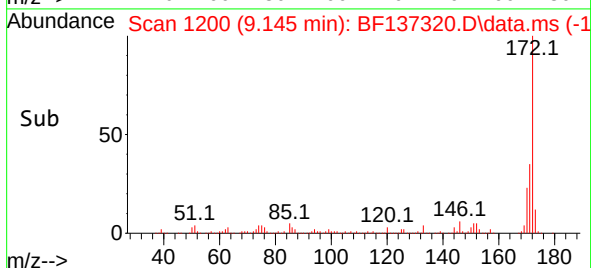
Reviewed By : Jagrut Upadhyay 02/08/2024
Supervised By : mohammad ahmed 02/09/2024

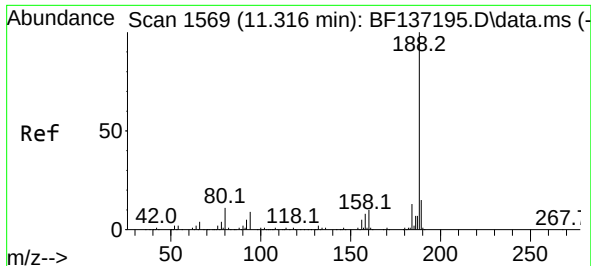


#45
2-Fluorobiphenyl
Concen: 64.973 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12



Tgt Ion: 172 Resp: 528956
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.0 19.1 28.7





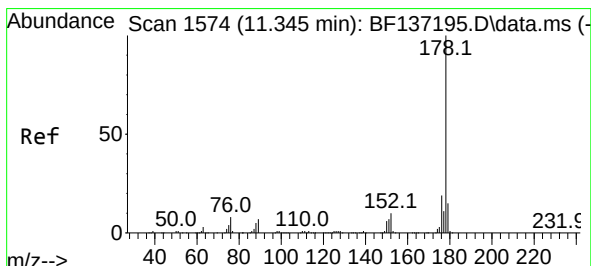
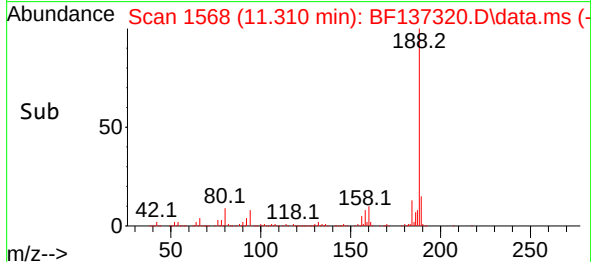
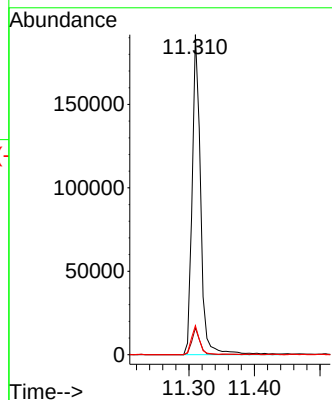
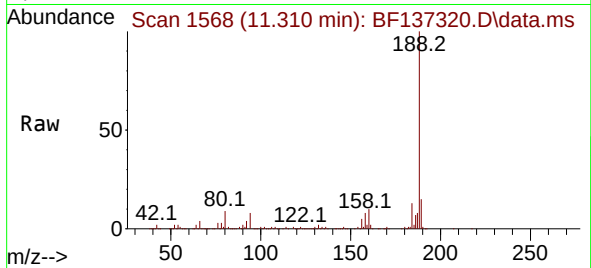
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

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

Tgt Ion:188 Resp: 172369
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.1 8.8 13.2

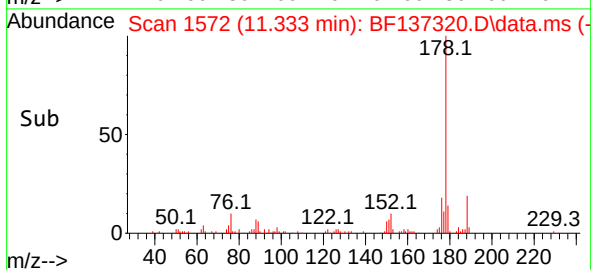
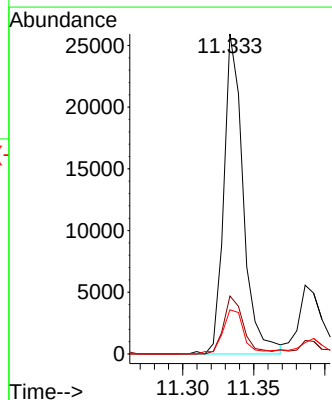
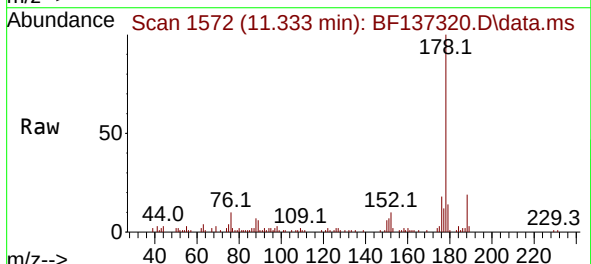
Manual Integrations
APPROVED

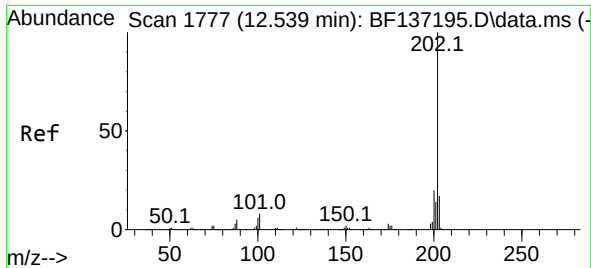
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#71
Phenanthrene
Concen: 2.715 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

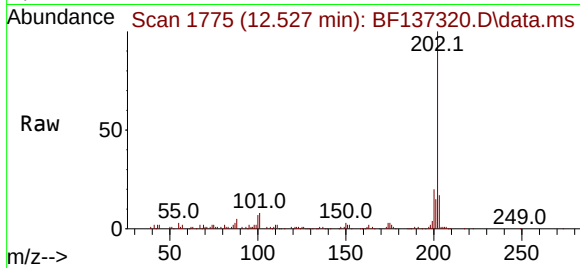
Tgt Ion:178 Resp: 24499
Ion Ratio Lower Upper
178 100
176 18.1 15.1 22.7
179 13.8 12.1 18.1





#75
Fluoranthene
Concen: 4.819 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

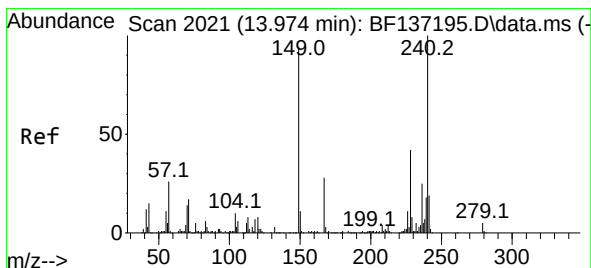
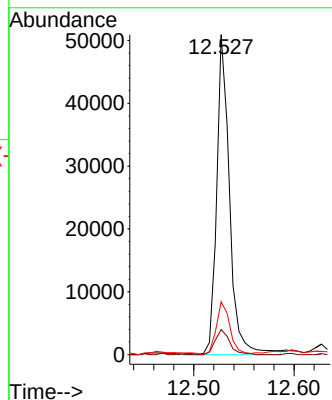
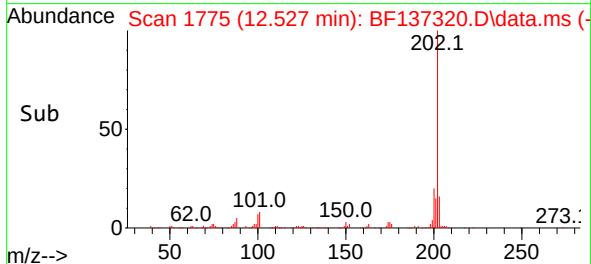
Instrument :
BNA_F
ClientSampleId :
EB-7-5-7D



Tgt Ion:202 Resp: 4550
Ion Ratio Lower Upper
202 100
101 7.8 0.0 28.4
203 16.5 0.0 37.3

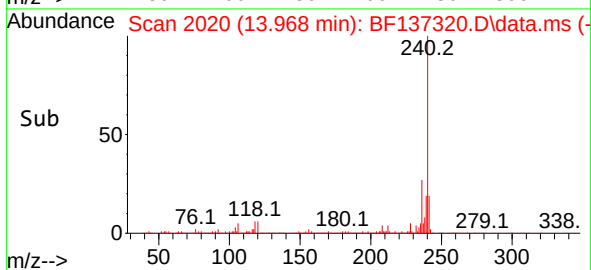
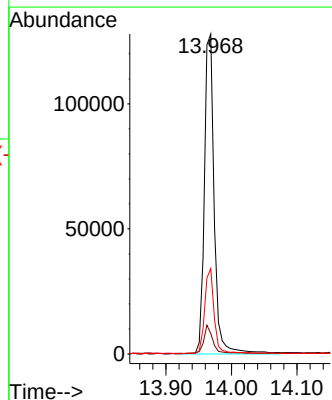
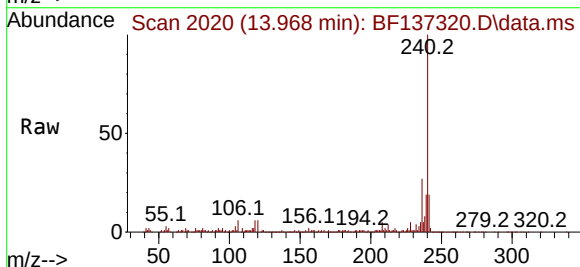
Manual Integrations
APPROVED

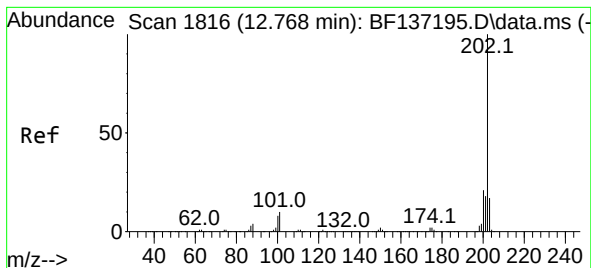
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

Tgt Ion:240 Resp: 134618
Ion Ratio Lower Upper
240 100
120 6.4 6.3 9.5
236 26.7 20.3 30.5





#78

Pyrene

Concen: 3.594 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF137320.D

Acq: 07 Feb 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EB-7-5-7D

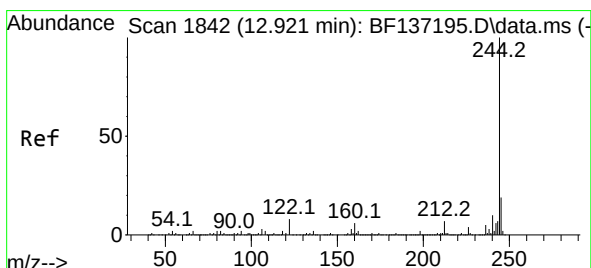
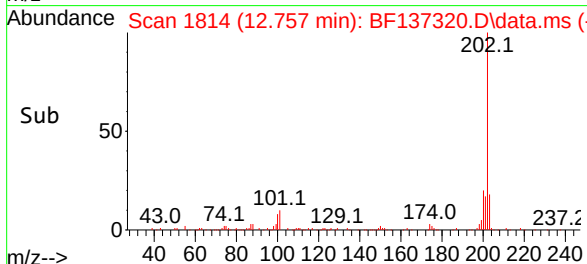
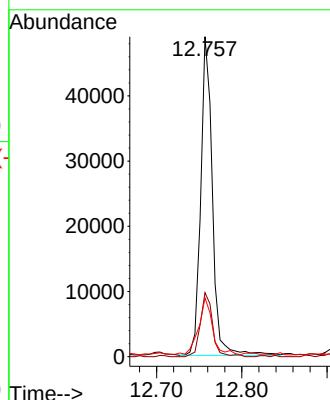
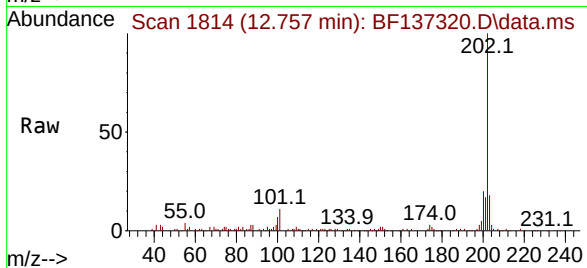
Tgt Ion:202 Resp: 4650

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.5	24.7
203	18.4	13.8	20.6

Manual Integrations

APPROVED

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



#79

Terphenyl-d14

Concen: 46.253 ng

RT: 12.910 min Scan# 1840

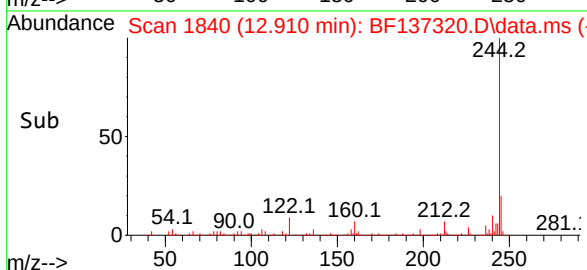
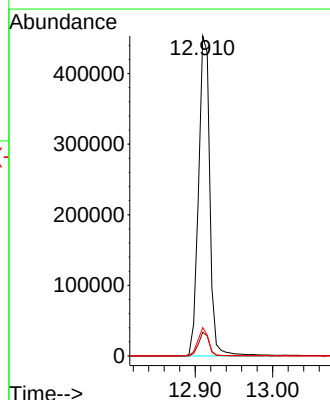
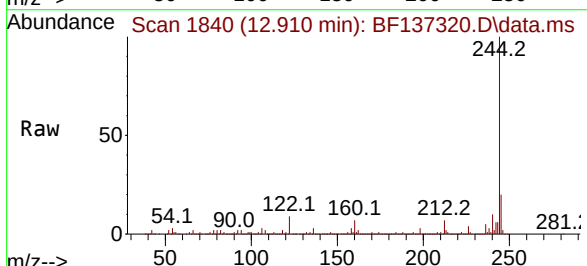
Delta R.T. -0.012 min

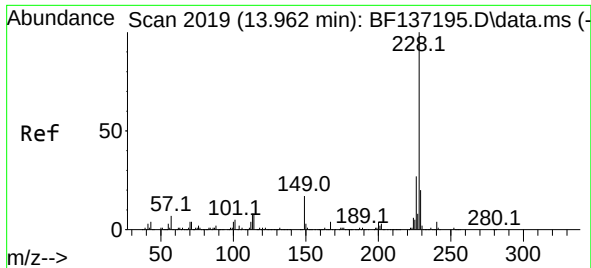
Lab File: BF137320.D

Acq: 07 Feb 2024 15:12

Tgt Ion:244 Resp: 458013

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	8.9	6.2	9.4





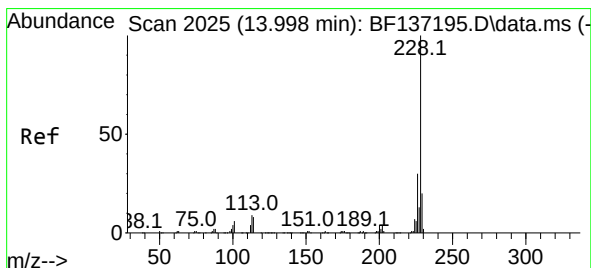
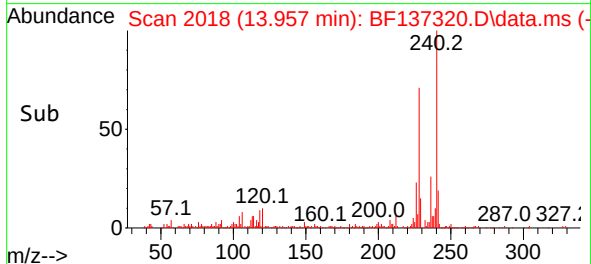
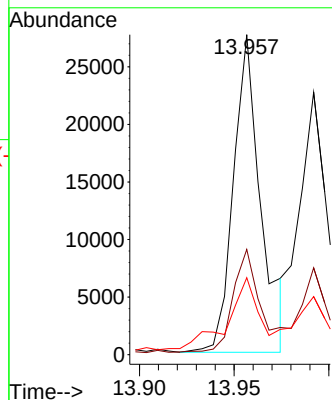
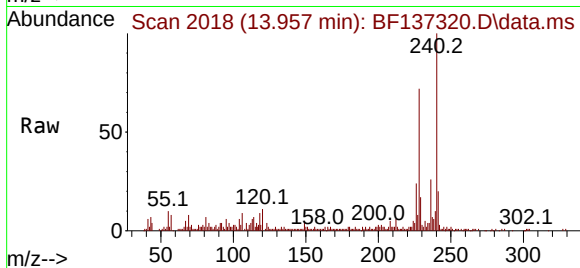
#81
Benzo(a)anthracene
Concen: 2.900 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

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

Tgt Ion:228 Resp: 2765
Ion Ratio Lower Upper
228 100
226 32.9 21.6 32.4
229 24.1 15.8 23.6

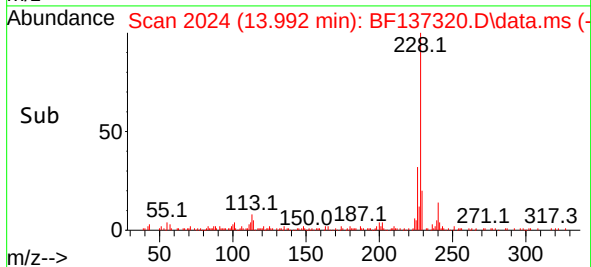
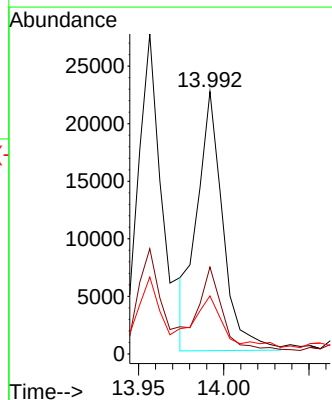
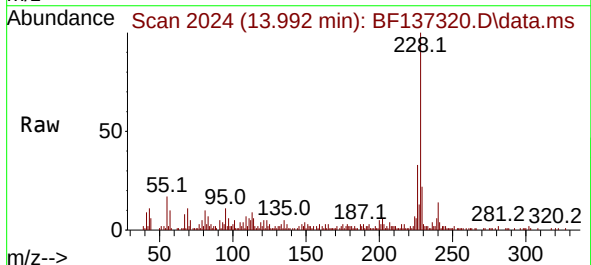
Manual Integrations
APPROVED

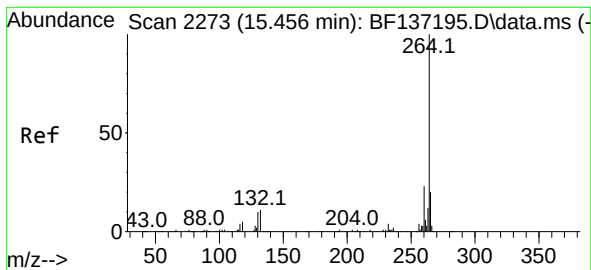
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#83
Chrysene
Concen: 2.539 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF137320.D
Acq: 07 Feb 2024 15:12

Tgt Ion:228 Resp: 23795
Ion Ratio Lower Upper
228 100
226 33.1 23.7 35.5
229 22.1 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF137320.D

Acq: 07 Feb 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EB-7-5-7D

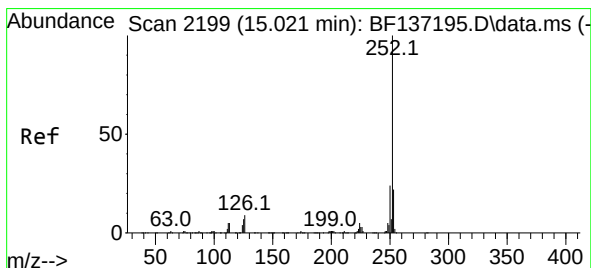
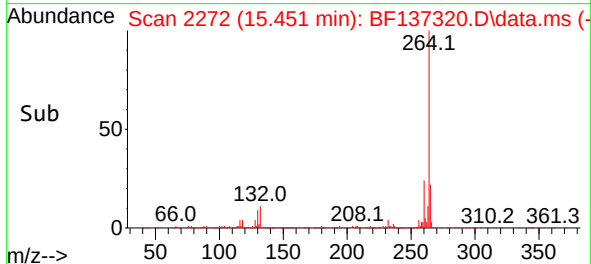
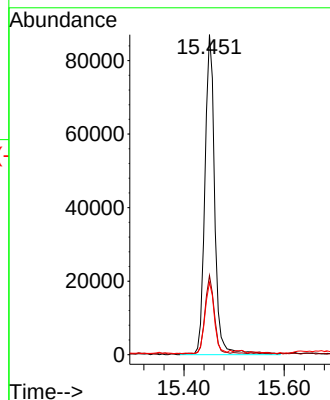
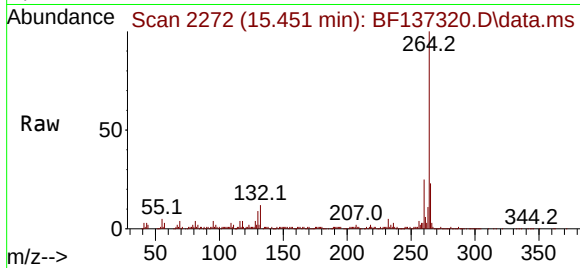
Tgt Ion:264 Resp: 11942

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	22.6	16.2	24.2

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 4.246 ng m

RT: 15.015 min Scan# 2198

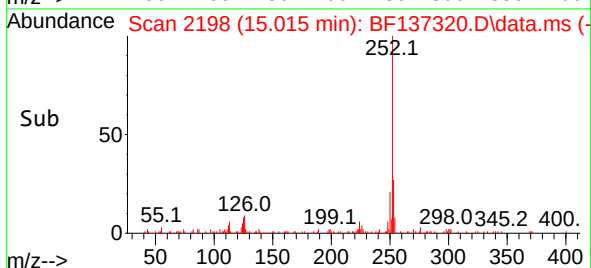
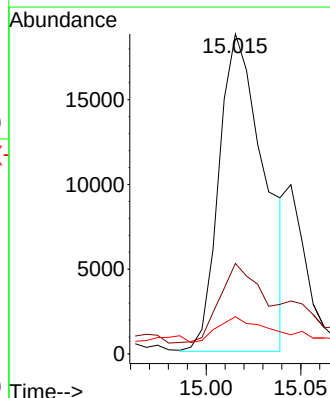
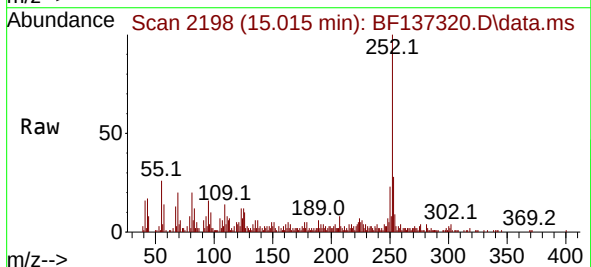
Delta R.T. -0.006 min

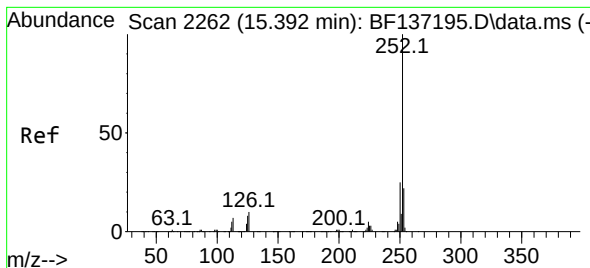
Lab File: BF137320.D

Acq: 07 Feb 2024 15:12

Tgt Ion:252 Resp: 31185

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.9	26.9#
125	11.7	5.4	8.2#





#90

Benzo(a)pyrene

Concen: 3.003 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137320.D

Acq: 07 Feb 2024 15:12

Instrument :

BNA_F

ClientSampleId :

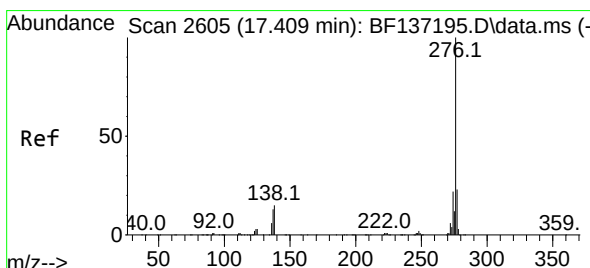
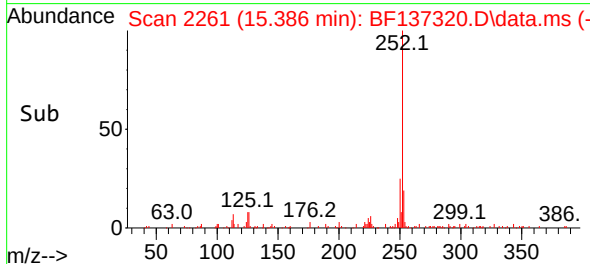
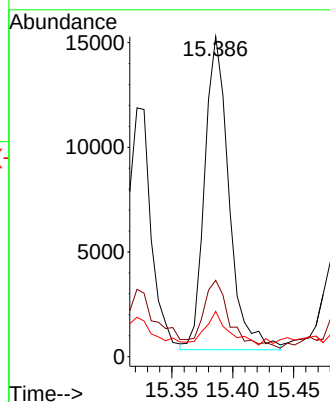
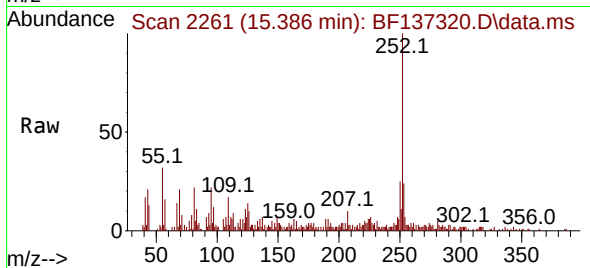
EB-7-5-7D

Tgt Ion:	252	Resp:	2075
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.6
125	14.1	6.5	9.7

Manual Integrations

APPROVED

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



#92

Benzo(g,h,i)perylene

Concen: 2.065 ng

RT: 17.398 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BF137320.D

Acq: 07 Feb 2024 15:12

Tgt Ion:	276	Resp:	13625
Ion Ratio	Lower	Upper	
276	100		
277	25.6	18.4	27.6
138	16.0	11.8	17.8

