

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
 Data File : BF132054.D
 Acq On : 12 Jan 2023 21:59
 Operator : CG\JU
 Sample : 01122-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-03-011123

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
 Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 01:39:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	64520	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	214155	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	114655	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	206531	20.000	ng	0.00
76) Chrysene-d12	13.963	240	132351	20.000	ng	0.00
86) Perylene-d12	15.421	264	115296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	73697	18.822	ng	0.00
7) Phenol-d6	6.422	99	96141	18.519	ng	0.00
23) Nitrobenzene-d5	7.339	82	63495	12.305	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	20717	15.715	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	100973	11.889	ng	0.00
79) Terphenyl-d14	12.898	244	95102	10.299	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.781	142	17685	2.176	ng	96
38) 1-Methylnaphthalene	8.875	142	32846	4.362	ng	98
71) Phenanthrene	11.333	178	48809	4.533	ng	97
75) Fluoranthene	12.527	202	44171	3.648	ng	98
78) Pyrene	12.757	202	53585	4.439	ng	99
83) Chrysene	13.986	228	20679m	2.298	ng	
88) Benzo(b)fluoranthene	14.998	252	16278m	2.058	ng	
92) Benzo(g,h,i)perylene	17.327	276	6786	4.516	ng	# 80

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

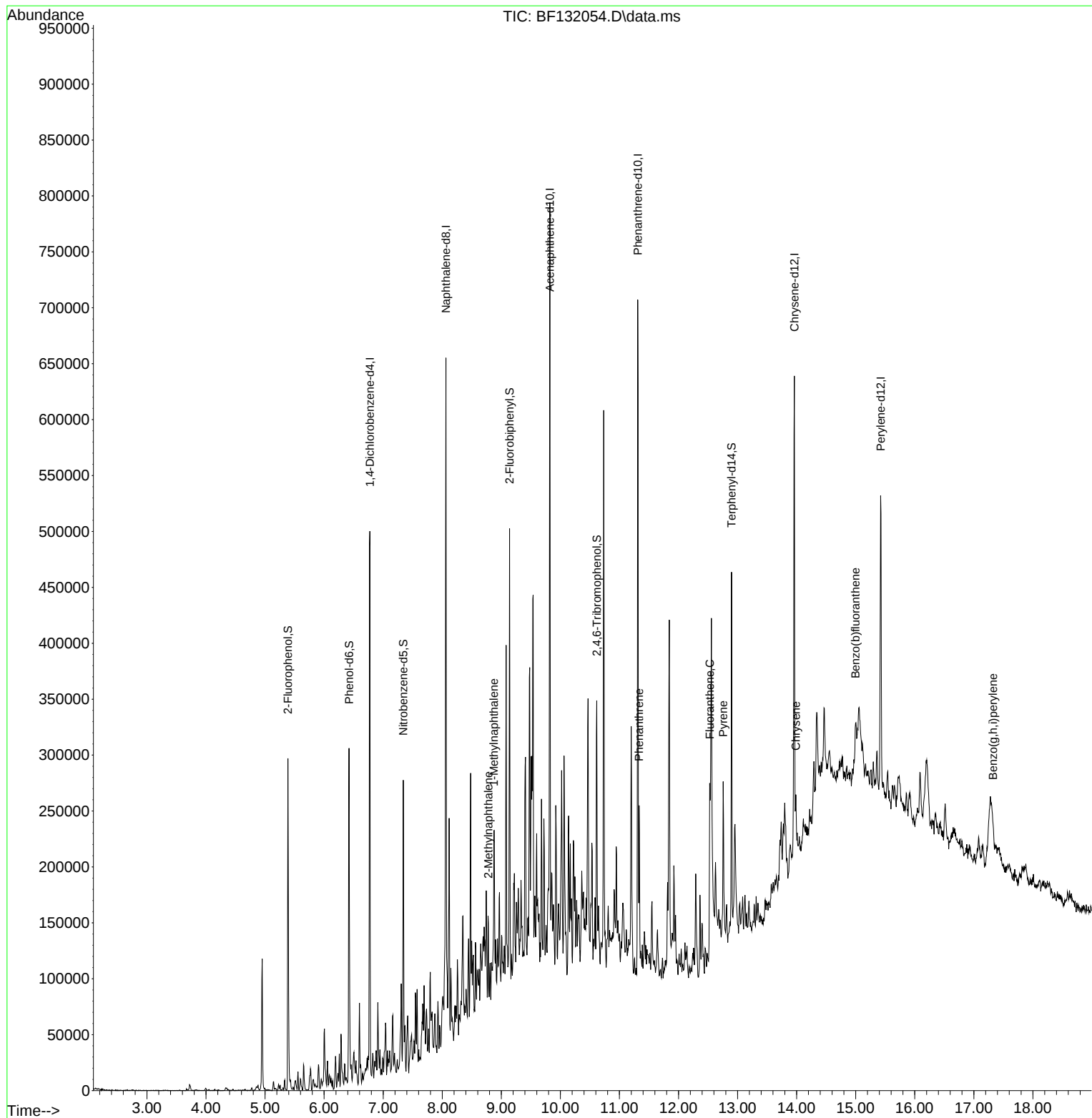
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132054.D
Acq On : 12 Jan 2023 21:59
Operator : CG\JU
Sample : 01122-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

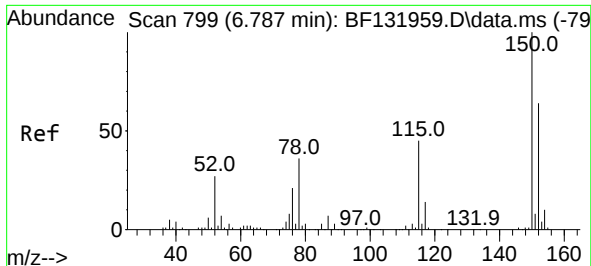
Instrument :
BNA_F
ClientSampleId :
PAT-03-011123

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

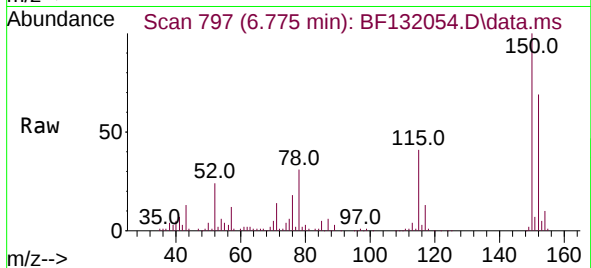
Quant Time: Jan 13 01:39:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 23:59:08 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

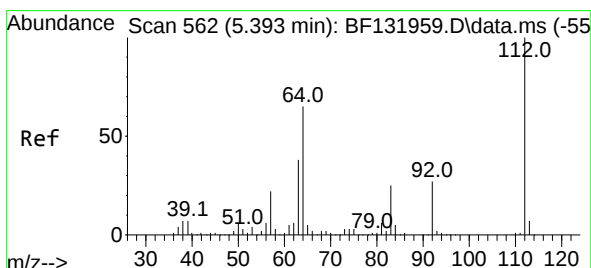
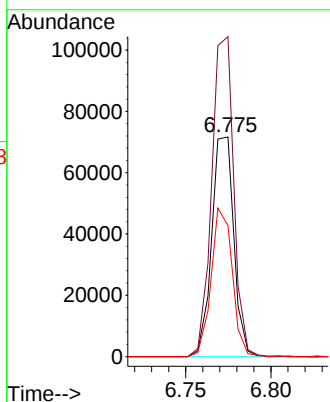
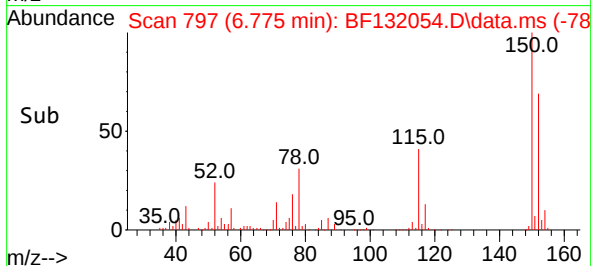
Instrument :
BNA_F
ClientSampleId :
PAT-03-011123



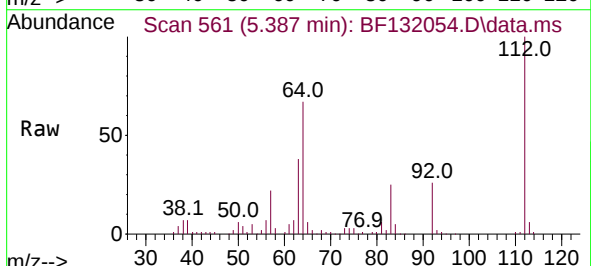
Tgt Ion:152 Resp: 64520
Ion Ratio Lower Upper
152 100
150 145.7 124.6 186.8
115 59.7 55.6 83.4

Manual Integrations
APPROVED

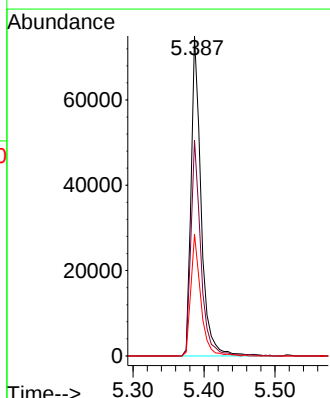
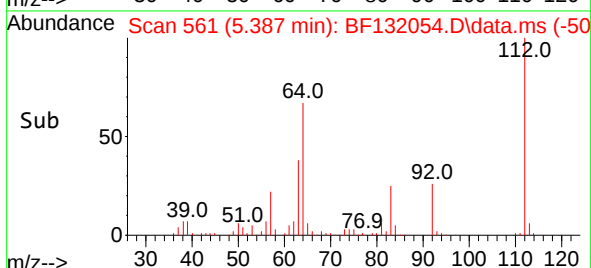
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

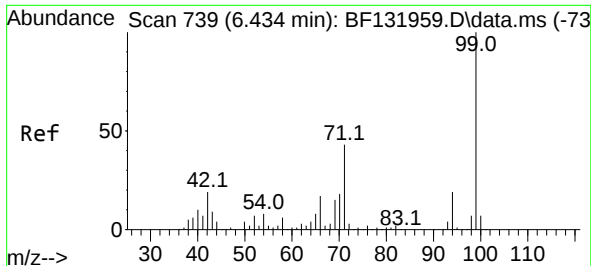


#5
2-Fluorophenol
Concen: 18.822 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59



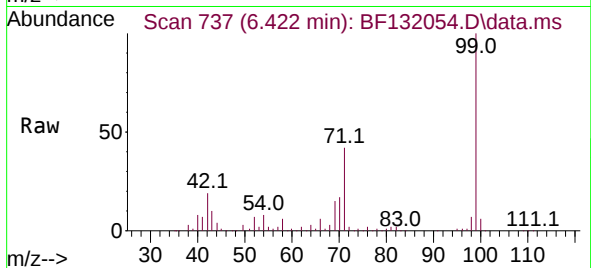
Tgt Ion:112 Resp: 73697
Ion Ratio Lower Upper
112 100
64 67.5 51.9 77.9
63 38.0 30.2 45.2





#7
Phenol-d6
Concen: 18.519 ng
RT: 6.422 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

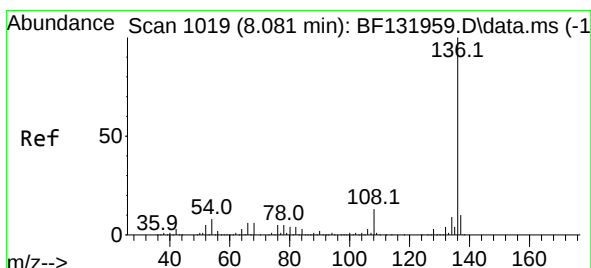
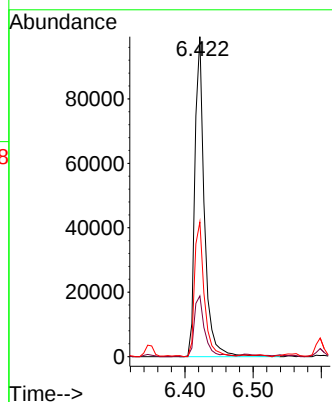
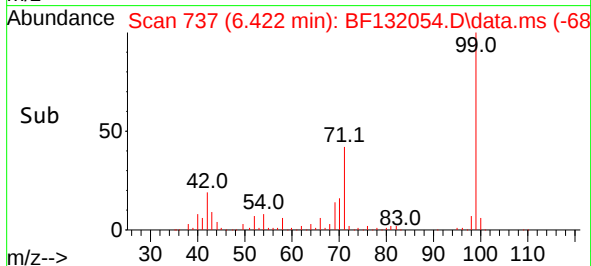
Instrument :
BNA_F
ClientSampleId :
PAT-03-011123



Tgt Ion: 99 Resp: 9614
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.2
71 42.1 34.6 51.8

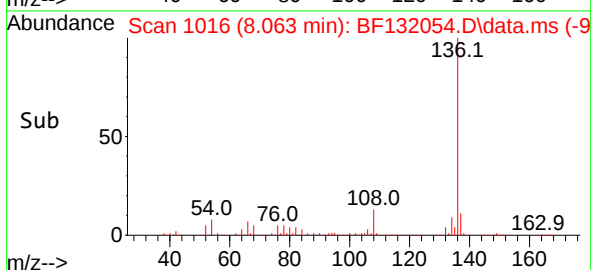
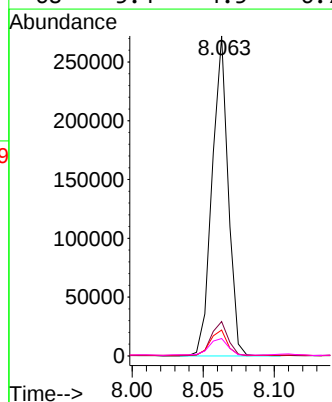
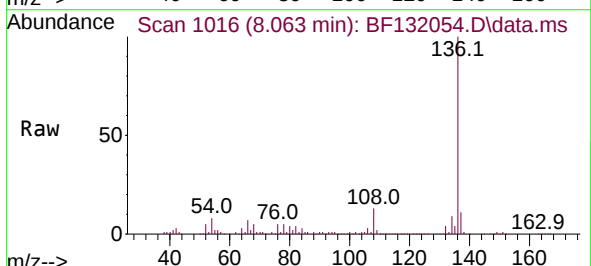
Manual Integrations
APPROVED

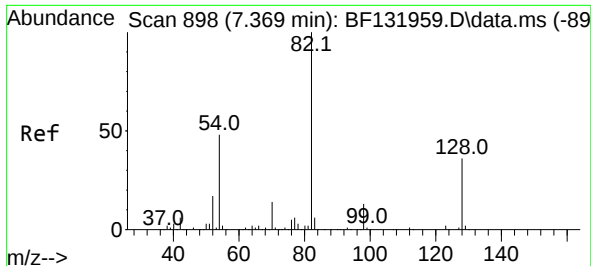
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

Tgt Ion:136 Resp: 214155
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 8.1 6.6 9.8
68 5.4 4.5 6.7





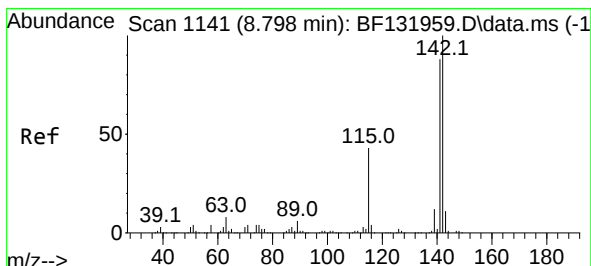
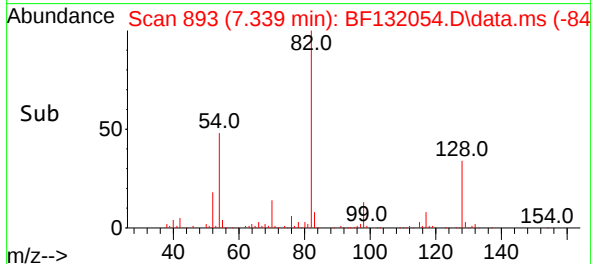
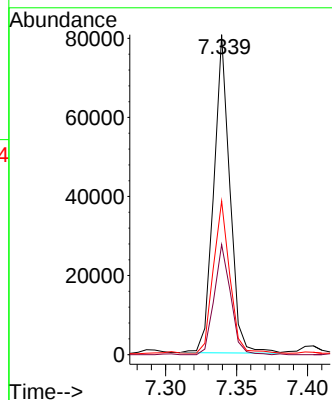
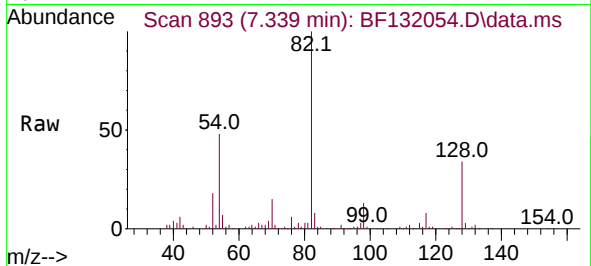
#23
Nitrobenzene-d5
Concen: 12.305 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

Instrument :
BNA_F
ClientSampleId :
PAT-03-011123

Tgt Ion: 82 Resp: 63495
Ion Ratio Lower Upper
82 100
128 34.4 28.7 43.1
54 48.0 38.1 57.1

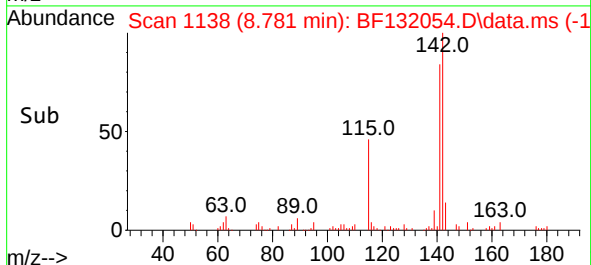
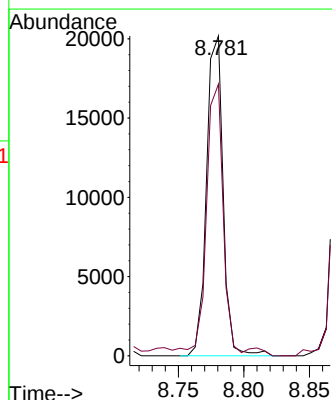
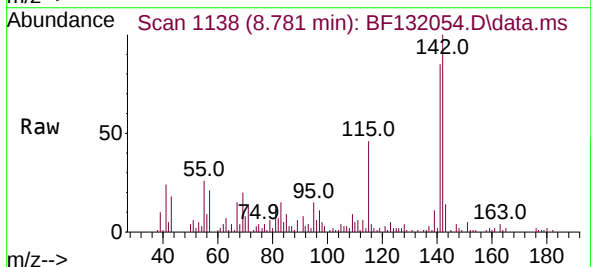
Manual Integrations
APPROVED

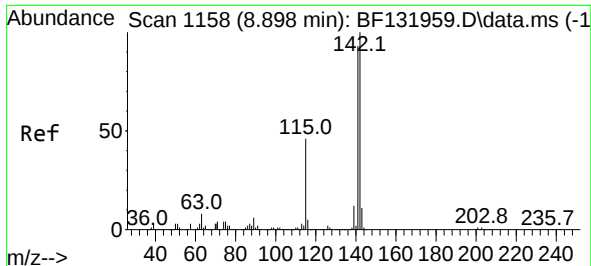
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#37
2-Methylnaphthalene
Concen: 2.176 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

Tgt Ion:142 Resp: 17685
Ion Ratio Lower Upper
142 100
141 84.9 70.6 106.0





#38

1-Methylnaphthalene

Concen: 4.362 ng

RT: 8.875 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF132054.D

Acq: 12 Jan 2023 21:59

Instrument :

BNA_F

ClientSampleId :

PAT-03-011123

Tgt Ion:142 Resp: 32846

Ion Ratio Lower Upper

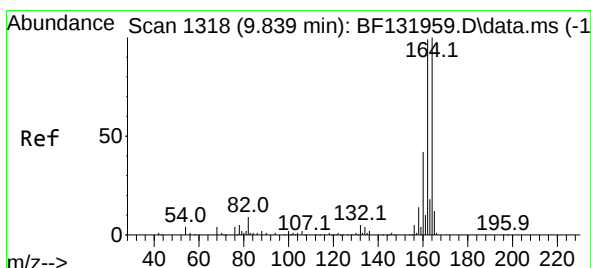
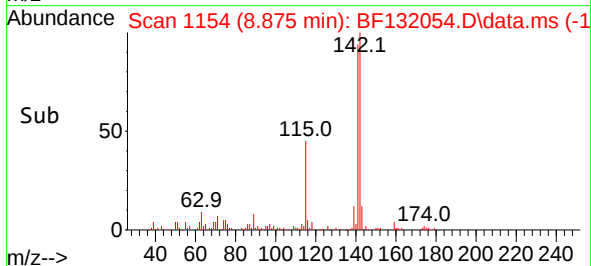
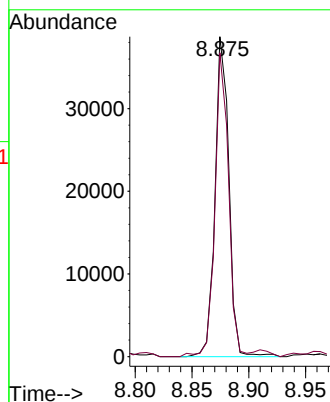
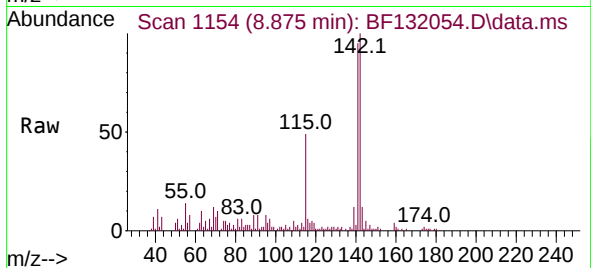
142 100

141 95.0 74.3 111.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF132054.D

Acq: 12 Jan 2023 21:59

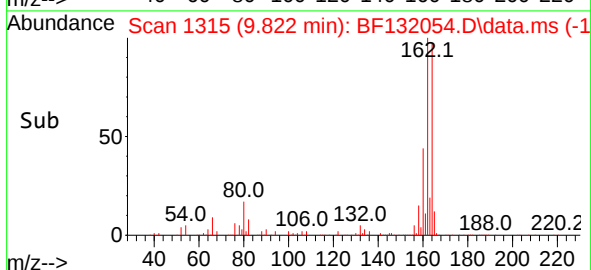
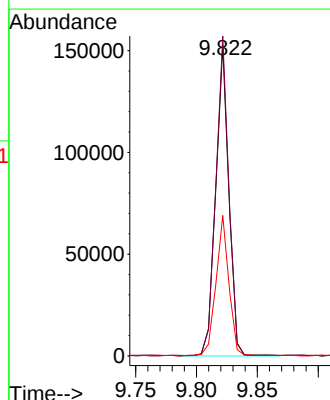
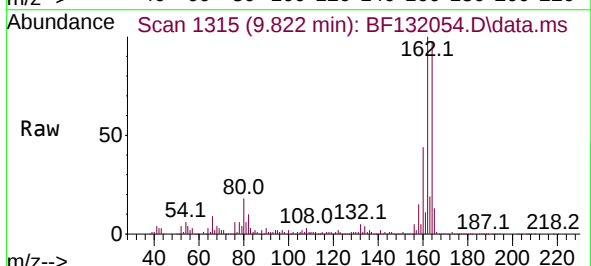
Tgt Ion:164 Resp: 114655

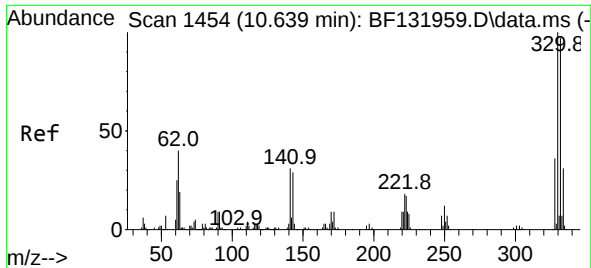
Ion Ratio Lower Upper

164 100

162 103.1 79.4 119.0

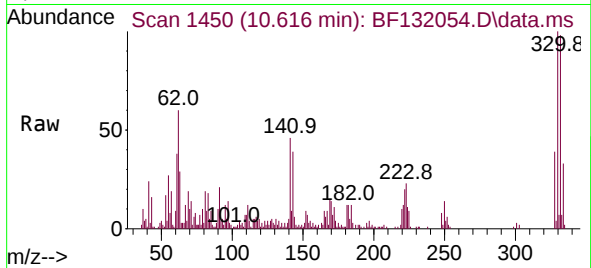
160 45.2 33.9 50.9





#42
2,4,6-Tribromophenol
Concen: 15.715 ng
RT: 10.616 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

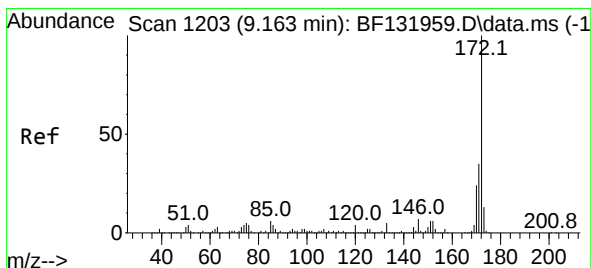
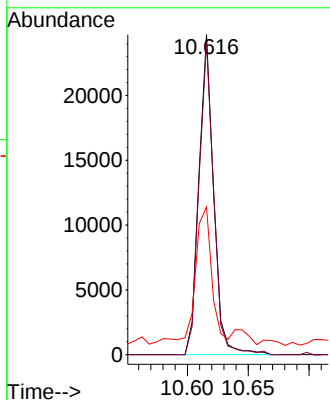
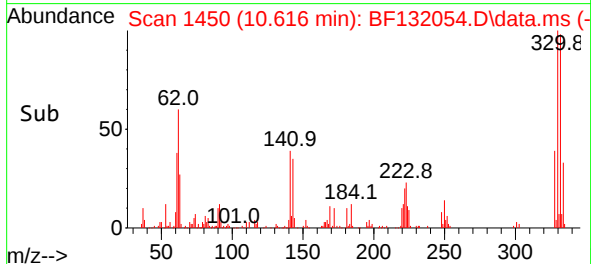
Instrument :
BNA_F
ClientSampleId :
PAT-03-011123



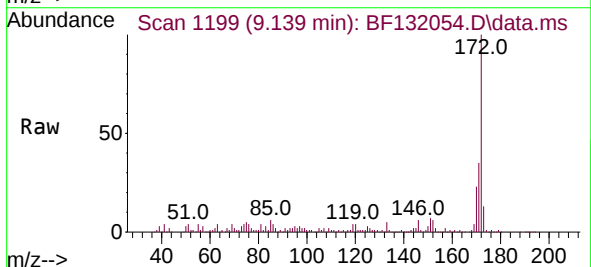
Tgt Ion: 330 Resp: 20711
Ion Ratio Lower Upper
330 100
332 97.7 76.9 115.3
141 48.9 31.3 46.9

Manual Integrations
APPROVED

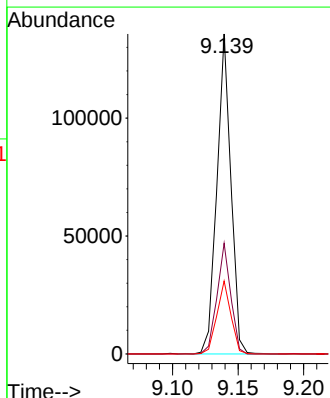
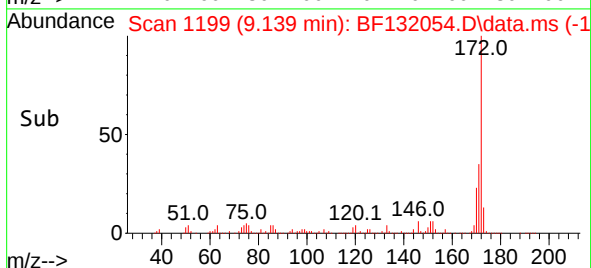
Reviewed By : Jagrut Upadhyay 01/13/2023
Supervised By : mohammad ahmed 01/13/2023

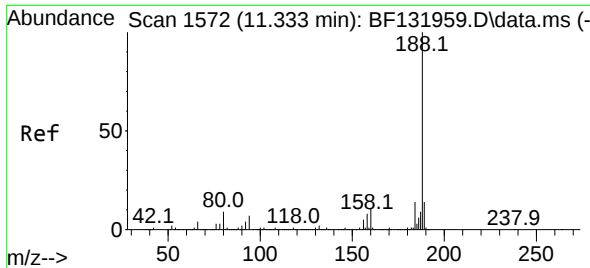


#45
2-Fluorobiphenyl
Concen: 11.889 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59



Tgt Ion: 172 Resp: 100973
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 22.8 18.9 28.3





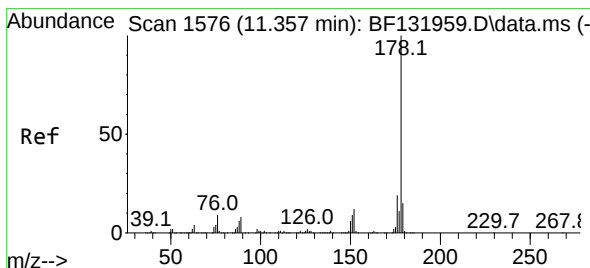
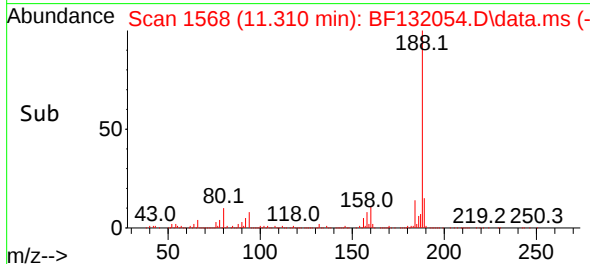
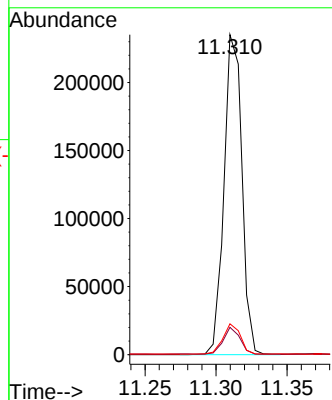
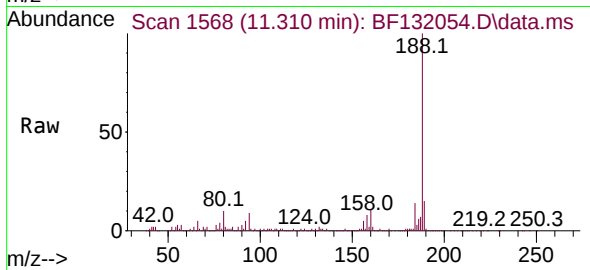
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

Instrument :
BNA_F
ClientSampleId :
PAT-03-011123

Tgt Ion:188 Resp: 20653
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 9.6 7.4 11.0

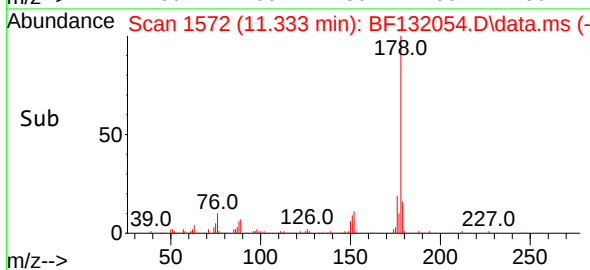
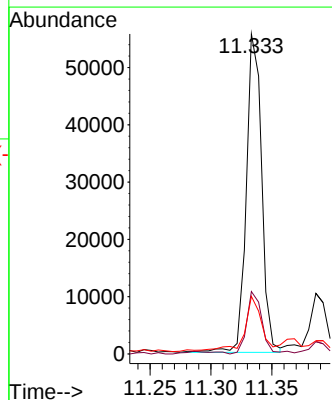
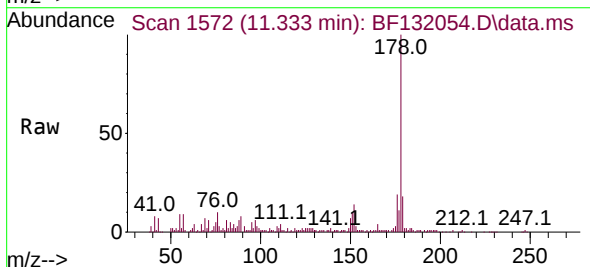
Manual Integrations
APPROVED

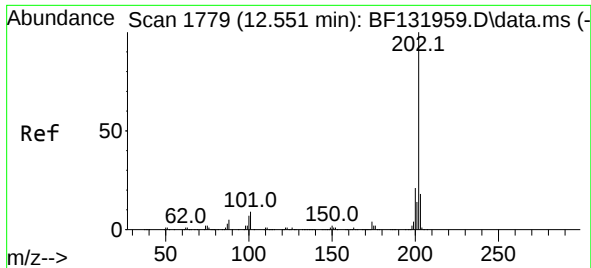
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#71
Phenanthrene
Concen: 4.533 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

Tgt Ion:178 Resp: 48809
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 18.0 12.4 18.6





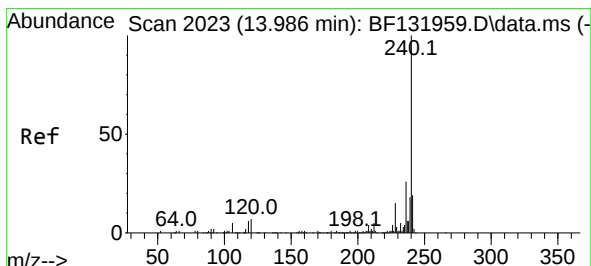
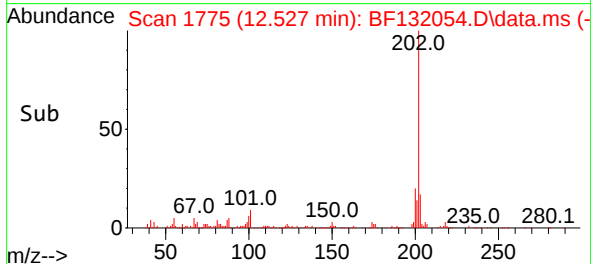
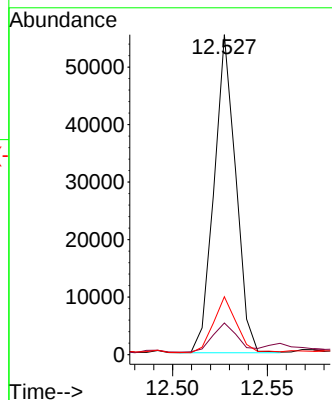
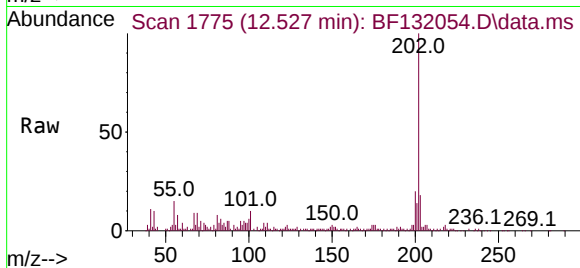
#75
Fluoranthene
Concen: 3.648 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

Instrument :
BNA_F
ClientSampleId :
PAT-03-011123

Tgt Ion:202 Resp: 4417
Ion Ratio Lower Upper
202 100
101 9.9 0.0 28.8
203 18.1 0.0 37.6

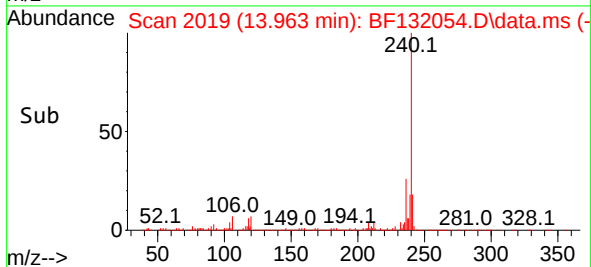
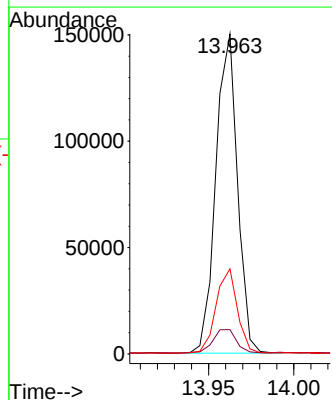
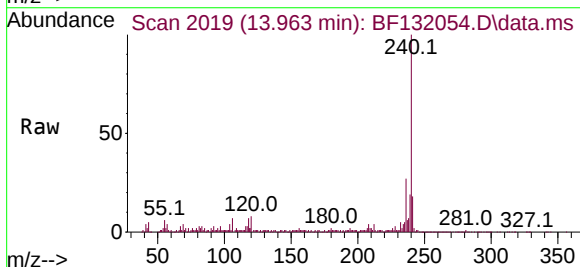
Manual Integrations
APPROVED

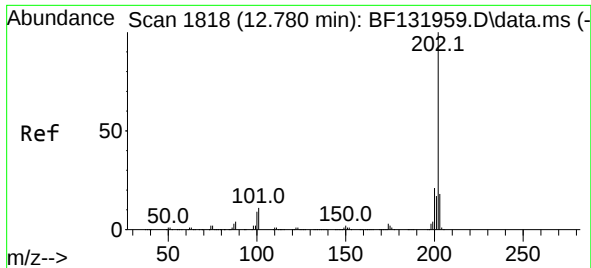
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

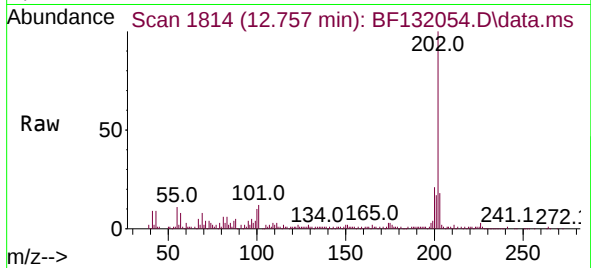
Tgt Ion:240 Resp: 132351
Ion Ratio Lower Upper
240 100
120 7.6 5.4 8.0
236 26.6 21.1 31.7





#78
Pyrene
Concen: 4.439 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

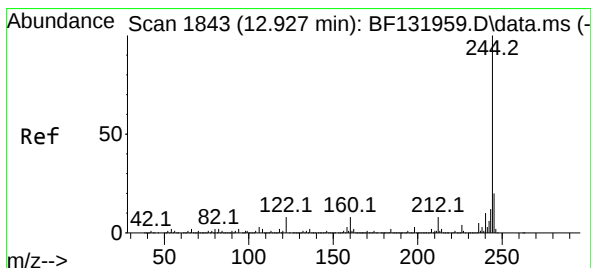
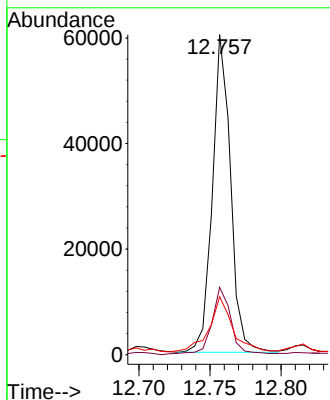
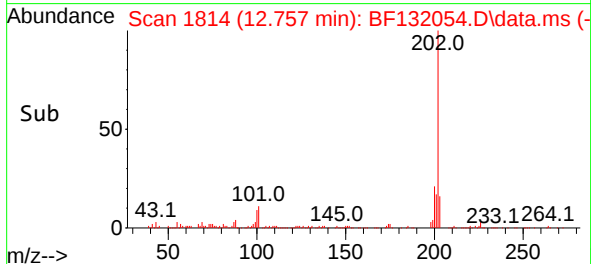
Instrument :
BNA_F
ClientSampleId :
PAT-03-011123



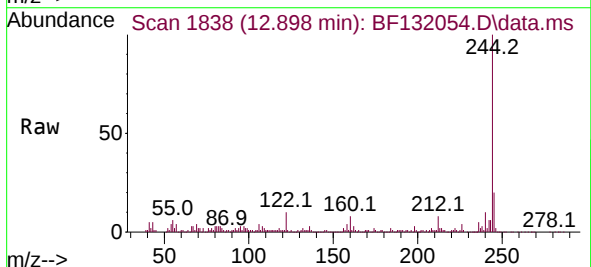
Tgt Ion:202 Resp: 53585
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 18.1 14.1 21.1

Manual Integrations
APPROVED

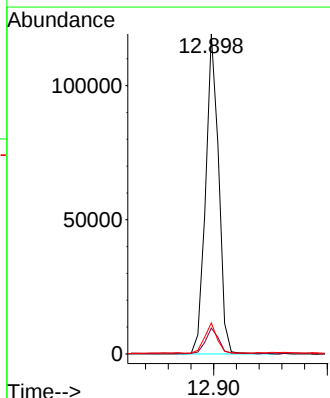
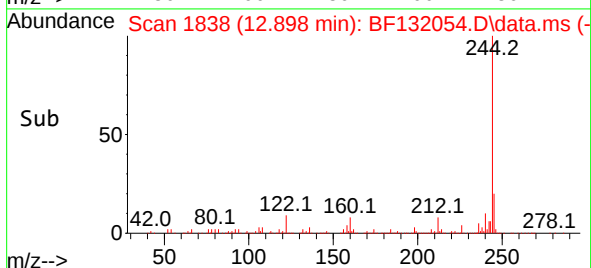
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

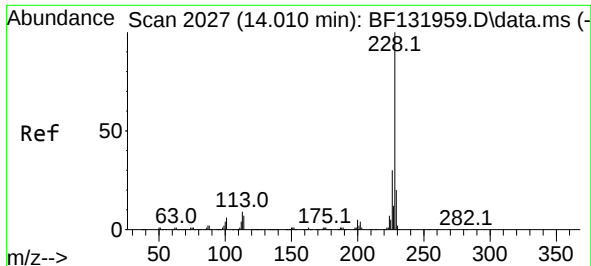


#79
Terphenyl-d14
Concen: 10.299 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59



Tgt Ion:244 Resp: 95102
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 9.7 6.8 10.2





#83

Chrysene

Concen: 2.298 ng m

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF132054.D

Acq: 12 Jan 2023 21:59

Instrument :

BNA_F

ClientSampleId :

PAT-03-011123

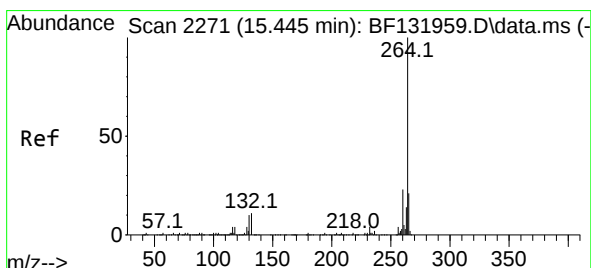
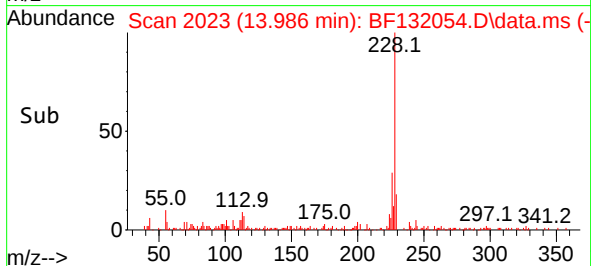
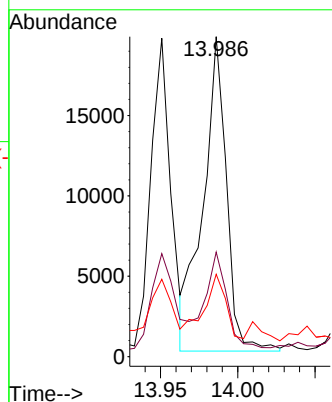
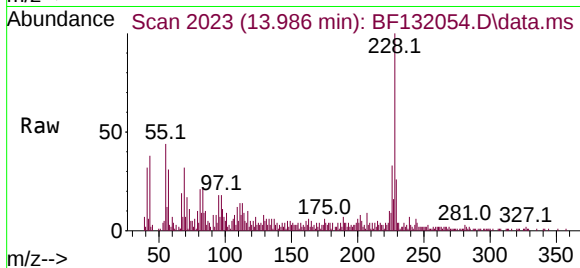
Tgt Ion:228 Resp: 20679

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.0	36.0
229	25.7	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

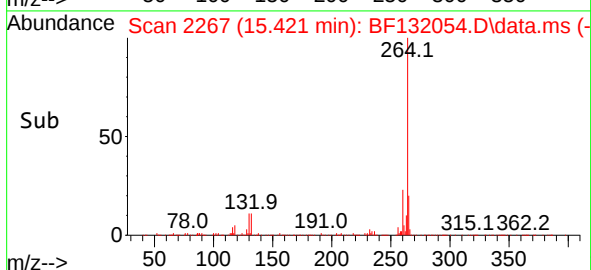
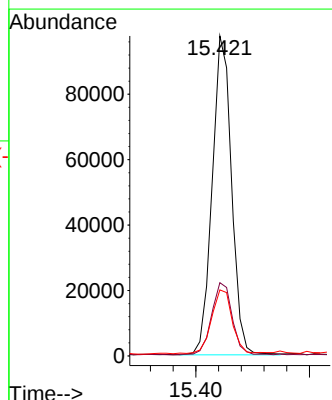
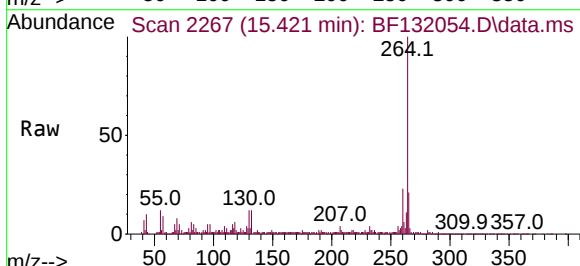
Delta R.T. 0.006 min

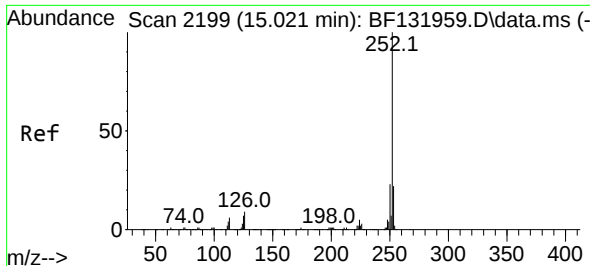
Lab File: BF132054.D

Acq: 12 Jan 2023 21:59

Tgt Ion:264 Resp: 115296

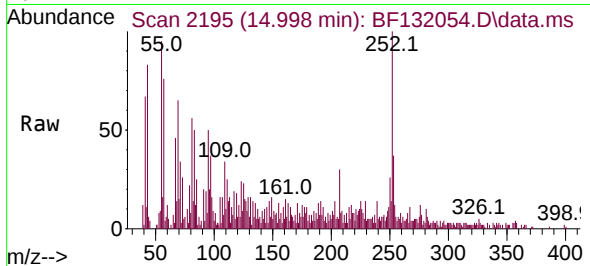
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	20.6	16.9	25.3





#88
Benzo(b)fluoranthene
Concen: 2.058 ng m
RT: 14.998 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

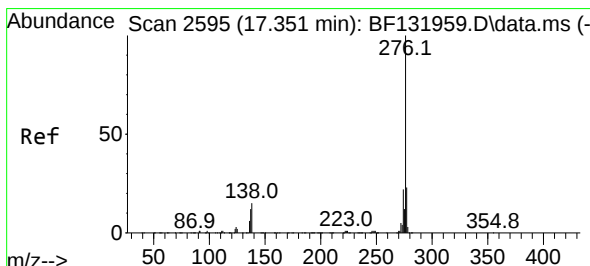
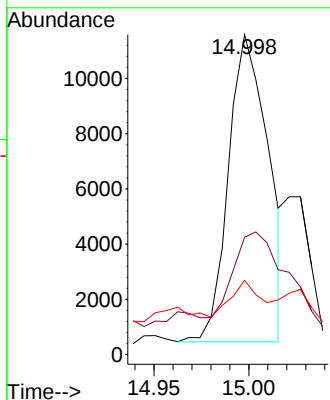
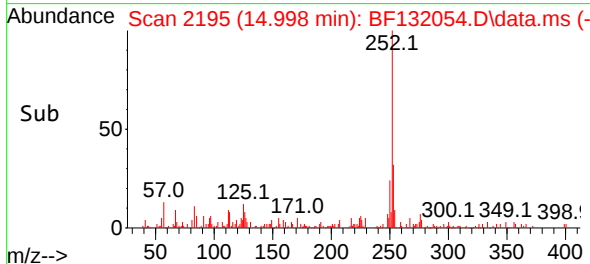
Instrument :
BNA_F
ClientSampleId :
PAT-03-011123



Tgt Ion:252 Resp: 16278
Ion Ratio Lower Upper
252 100
253 36.7 18.0 27.0
125 23.2 5.8 8.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#92
Benzo(g,h,i)perylene
Concen: 4.516 ng
RT: 17.327 min Scan# 2591
Delta R.T. 0.012 min
Lab File: BF132054.D
Acq: 12 Jan 2023 21:59

Tgt Ion:276 Resp: 6786
Ion Ratio Lower Upper
276 100
277 27.2 18.2 27.2
138 29.4 11.7 17.5

