

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134770.D
 Acq On : 14 Aug 2023 20:54
 Operator : CG\JU
 Sample : 03972-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 367

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

Quant Time: Aug 15 00:34:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	131354	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	477327	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	232588	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	380958	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	252337	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	267588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	35143	4.067	ng	-0.01
7) Phenol-d6	6.422	99	37968	3.437	ng	-0.02
23) Nitrobenzene-d5	7.351	82	23210	3.039	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	9809	4.137	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	42194	3.016	ng	-0.01
79) Terphenyl-d14	12.910	244	37132	2.594	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.539	202	63351	2.964	ng	97
78) Pyrene	12.769	202	54637	2.502	ng	95
88) Benzo(b)fluoranthene	15.010	252	35535m	2.177	ng	

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

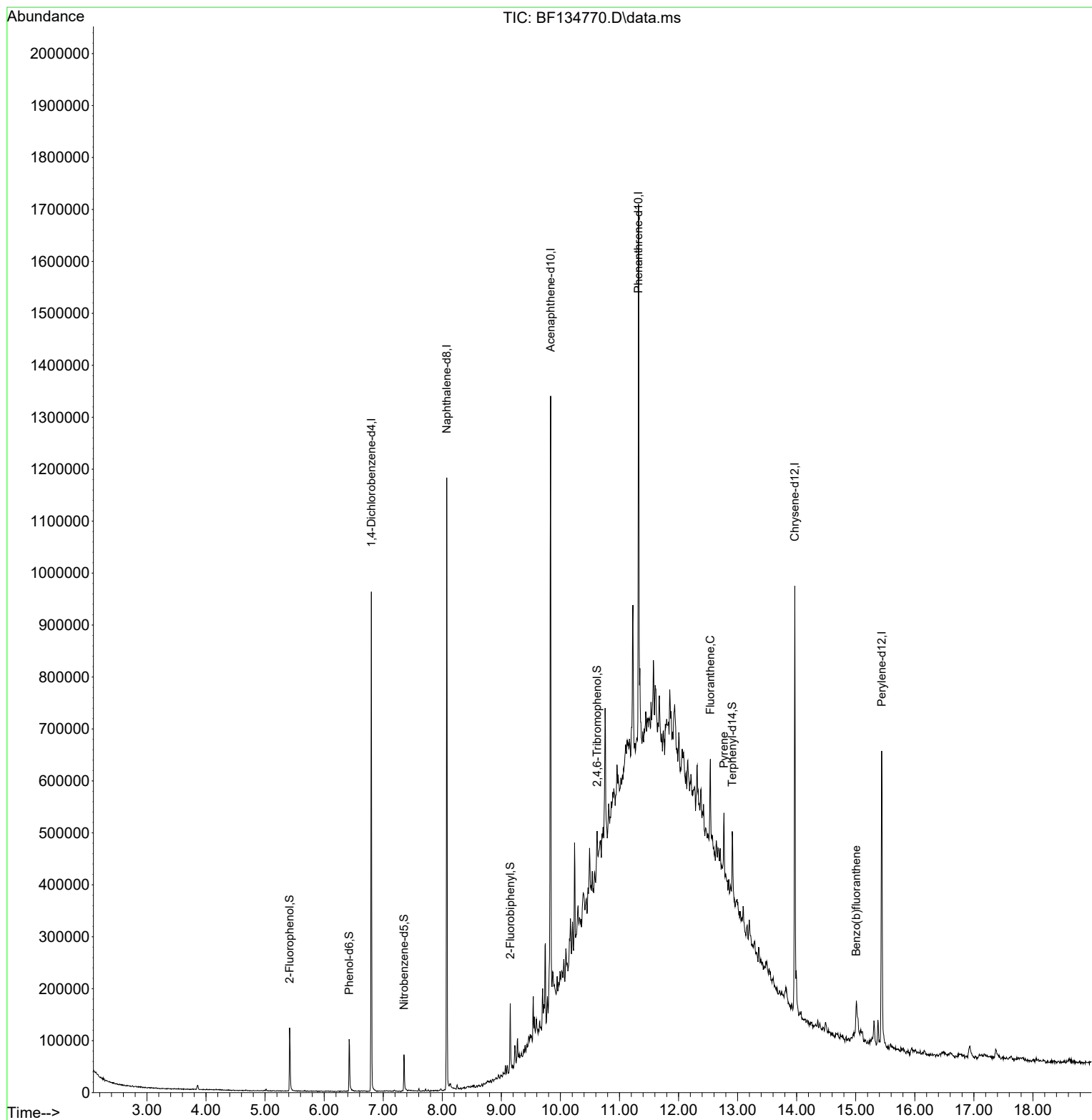
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134770.D
Acq On : 14 Aug 2023 20:54
Operator : CG\JU
Sample : 03972-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

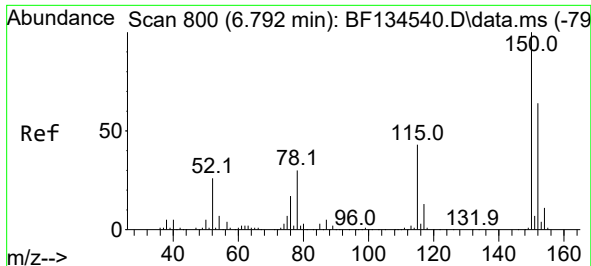
Instrument :
BNA_F
ClientSampleId :
367

Quant Time: Aug 15 00:34:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

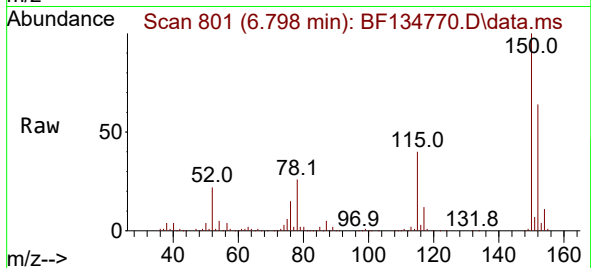
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134770.D
Acq: 14 Aug 2023 20:54

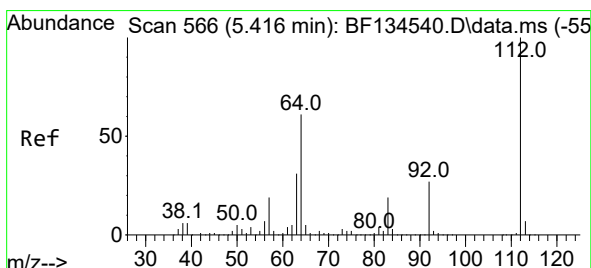
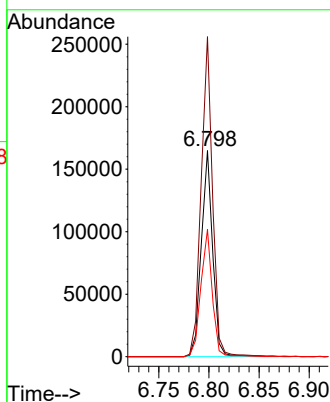
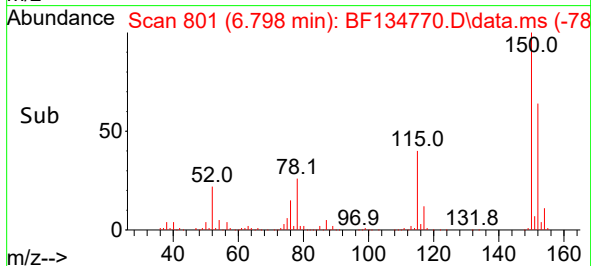
Instrument :
BNA_F
ClientSampleId :
367



Tgt Ion:152 Resp: 131354
Ion Ratio Lower Upper
152 100
150 155.3 128.3 192.5
115 61.7 52.4 78.6

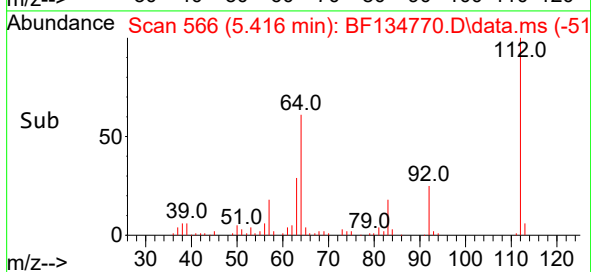
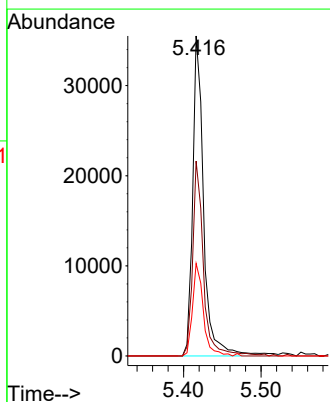
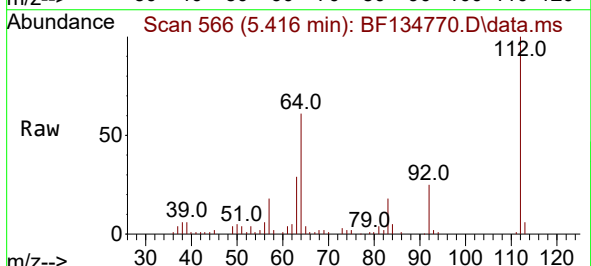
Manual Integrations
APPROVED

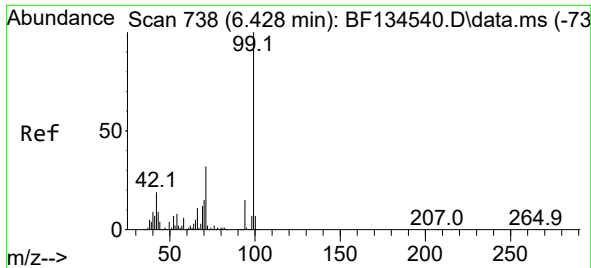
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#5
2-Fluorophenol
Concen: 4.067 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134770.D
Acq: 14 Aug 2023 20:54

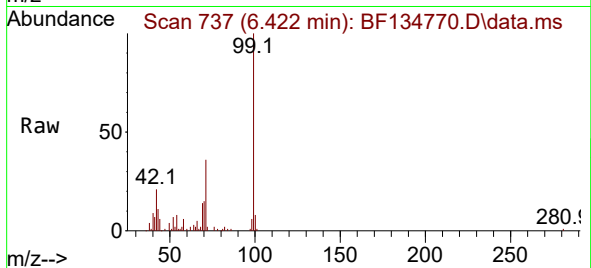
Tgt Ion:112 Resp: 35143
Ion Ratio Lower Upper
112 100
64 60.9 44.9 67.3
63 28.9 25.4 38.0





#7
Phenol-d6
Concen: 3.437 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF134770.D
Acq: 14 Aug 2023 20:54

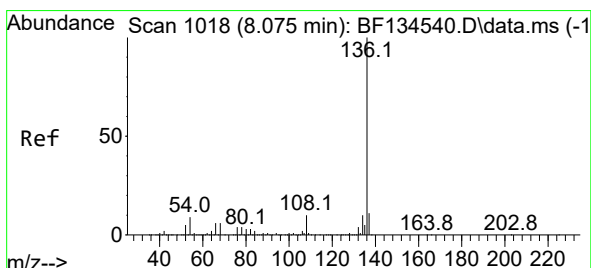
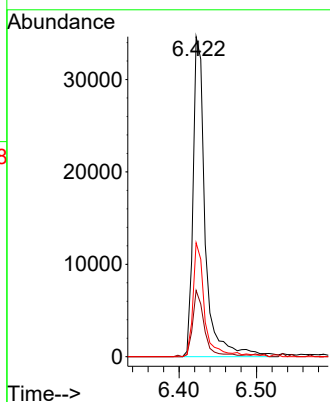
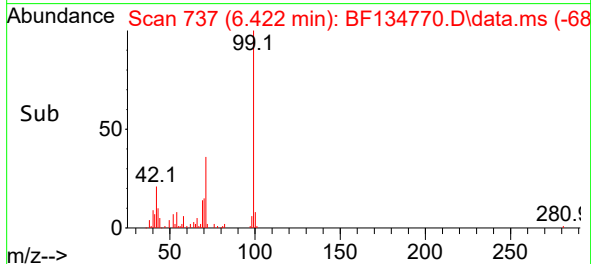
Instrument :
BNA_F
ClientSampleId :
367



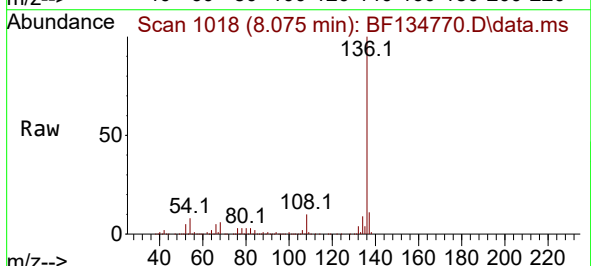
Tgt Ion: 99 Resp: 3796
Ion Ratio Lower Upper
99 100
42 20.7 18.7 28.1
71 35.6 36.4 54.6

Manual Integrations
APPROVED

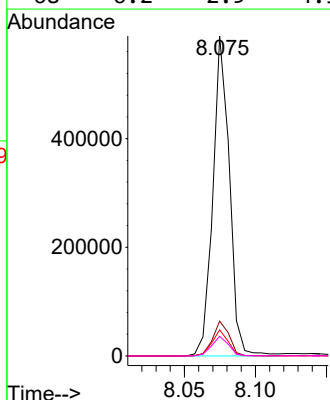
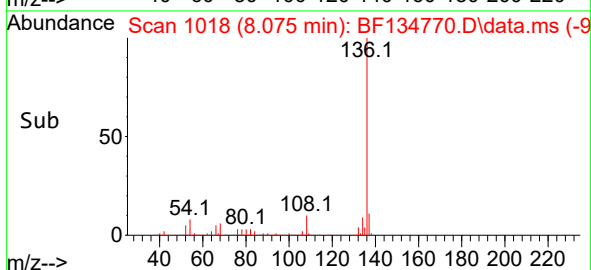
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

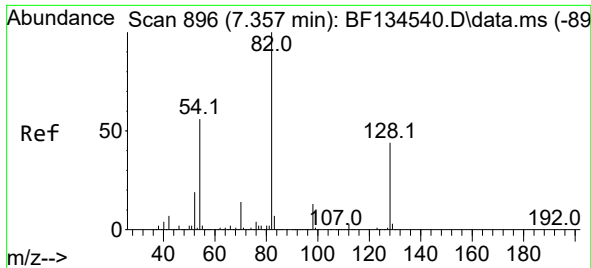


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134770.D
Acq: 14 Aug 2023 20:54



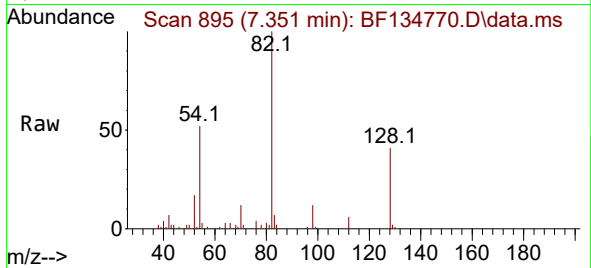
Tgt Ion:136 Resp: 477327
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.2 5.2 7.8#
68 6.2 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 3.039 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF134770.D
Acq: 14 Aug 2023 20:54

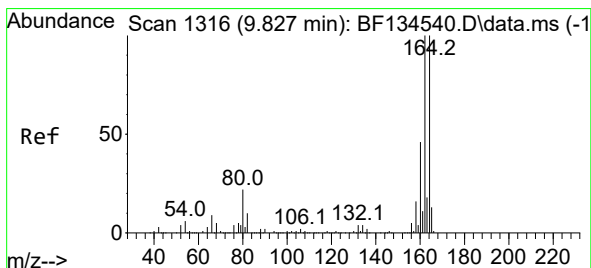
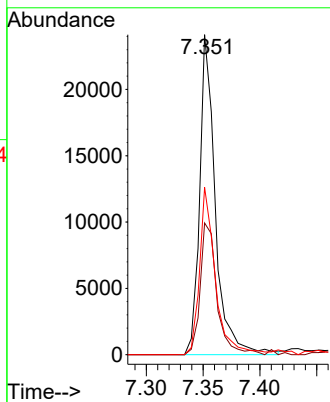
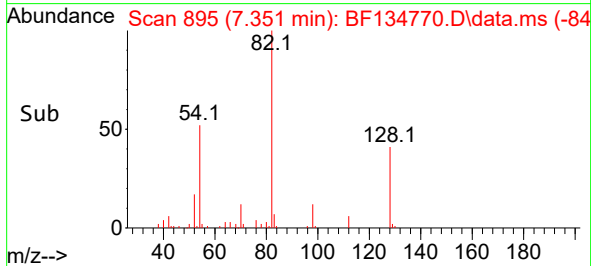
Instrument :
BNA_F
ClientSampleId :
367



Tgt Ion: 82 Resp: 23210
Ion Ratio Lower Upper
82 100
128 41.1 34.3 51.5
54 52.3 43.8 65.6

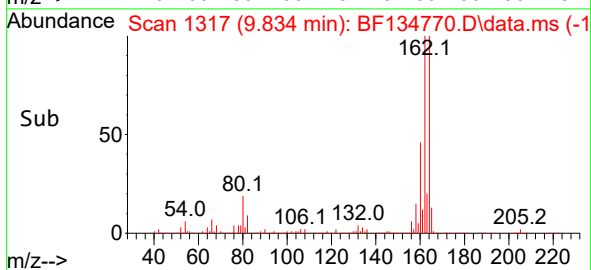
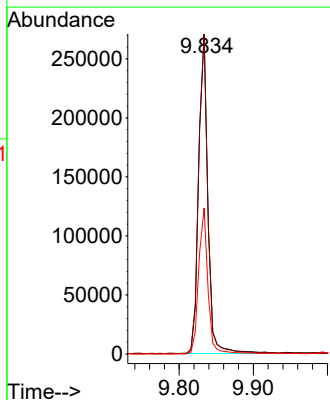
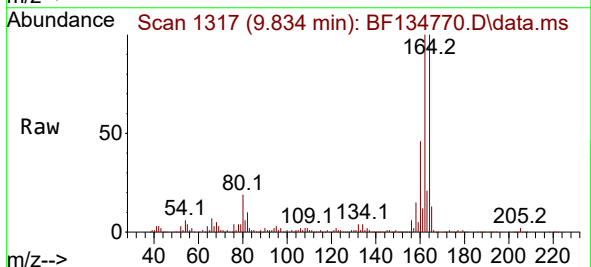
Manual Integrations
APPROVED

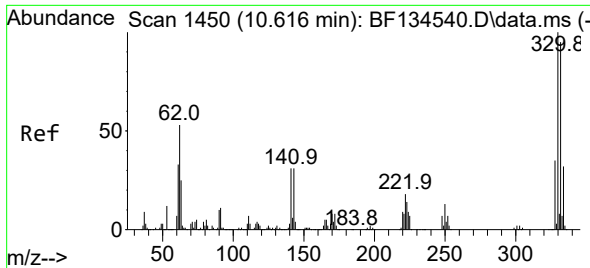
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134770.D
Acq: 14 Aug 2023 20:54

Tgt Ion:164 Resp: 232588
Ion Ratio Lower Upper
164 100
162 100.1 82.6 123.8
160 45.7 37.2 55.8





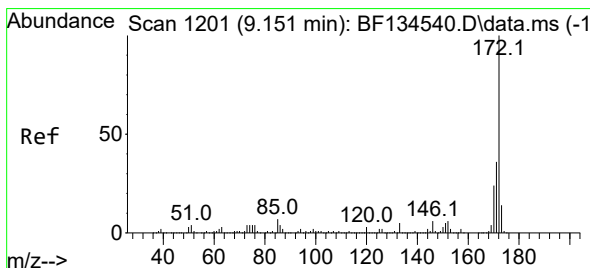
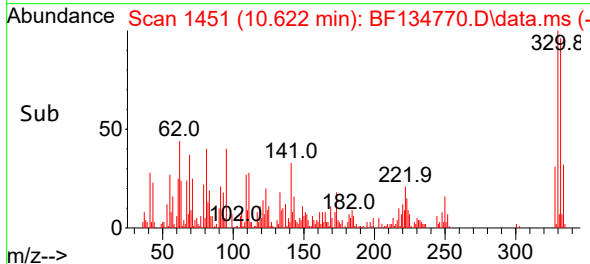
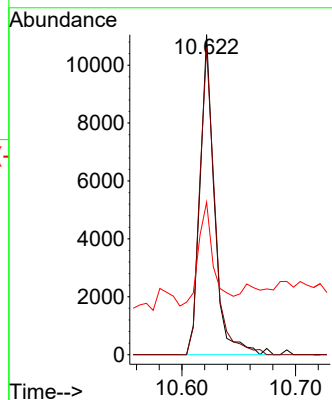
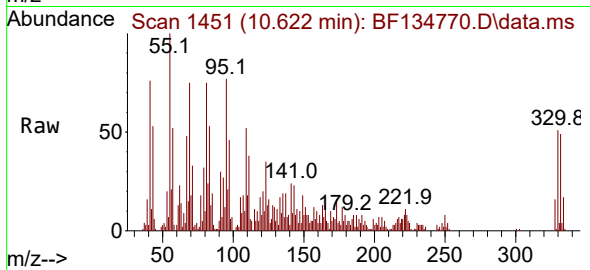
#42
2,4,6-Tribromophenol
Concen: 4.137 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134770.D
Acq: 14 Aug 2023 20:54

Instrument :
BNA_F
ClientSampleId :
367

Tgt Ion: 330 Resp: 9809
Ion Ratio Lower Upper
330 100
332 100.6 78.8 118.2
141 33.7 25.4 38.2

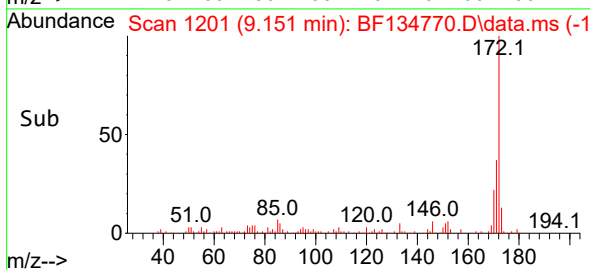
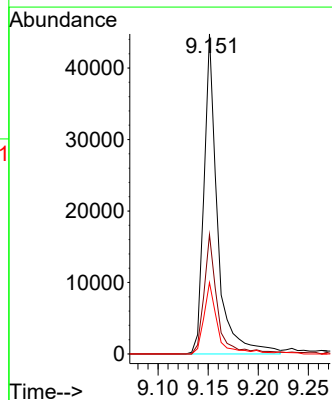
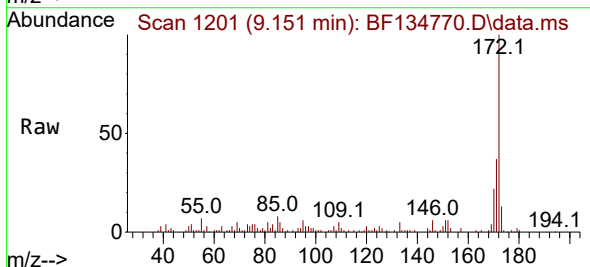
Manual Integrations
APPROVED

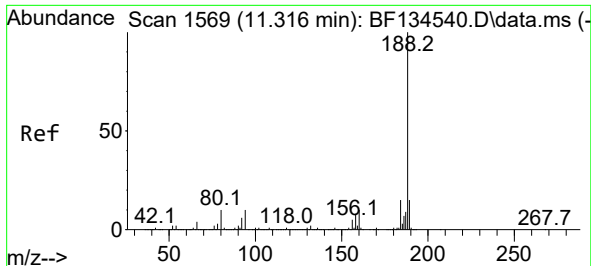
Reviewed By : Yogesh Patel 08/15/2023
Supervised By : Sohil Jodhani 08/15/2023



#45
2-Fluorobiphenyl
Concen: 3.016 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134770.D
Acq: 14 Aug 2023 20:54

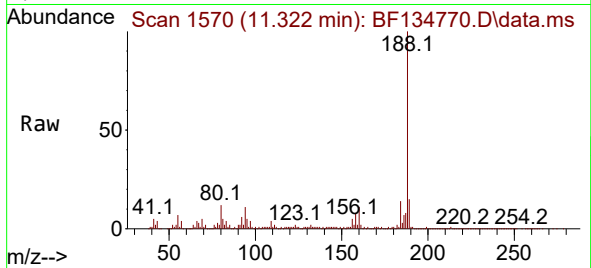
Tgt Ion: 172 Resp: 42194
Ion Ratio Lower Upper
172 100
171 37.3 28.8 43.2
170 22.3 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134770.D
Acq: 14 Aug 2023 20:54

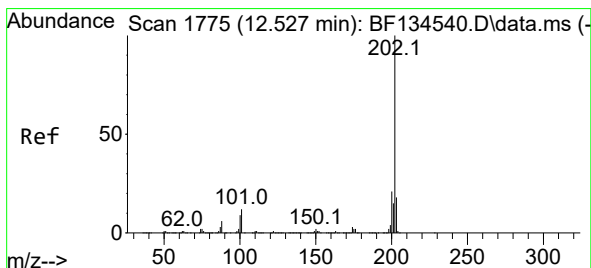
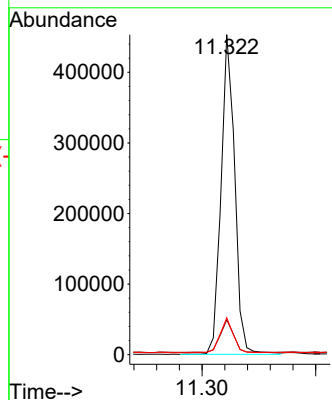
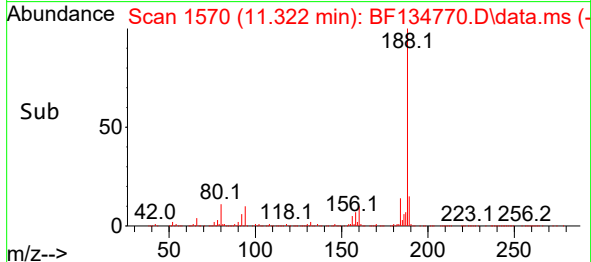
Instrument :
BNA_F
ClientSampleId :
367



Tgt Ion:188 Resp: 380958
Ion Ratio Lower Upper
188 100
94 10.9 5.1 7.7
80 11.5 6.6 9.8

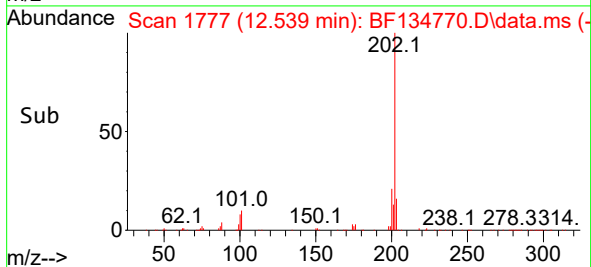
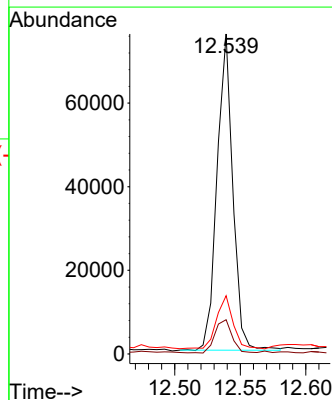
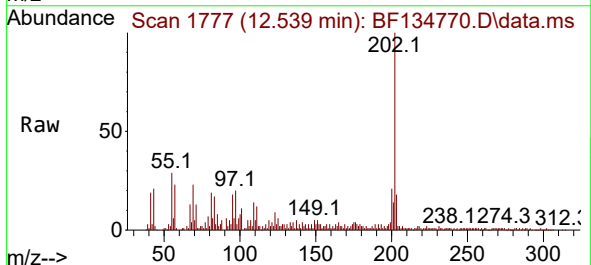
Manual Integrations
APPROVED

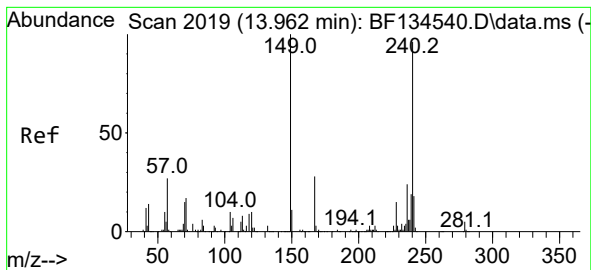
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#75
Fluoranthene
Concen: 2.964 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF134770.D
Acq: 14 Aug 2023 20:54

Tgt Ion:202 Resp: 63351
Ion Ratio Lower Upper
202 100
101 10.7 0.0 28.5
203 18.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134770.D

Acq: 14 Aug 2023 20:54

Instrument :

BNA_F

ClientSampleId :

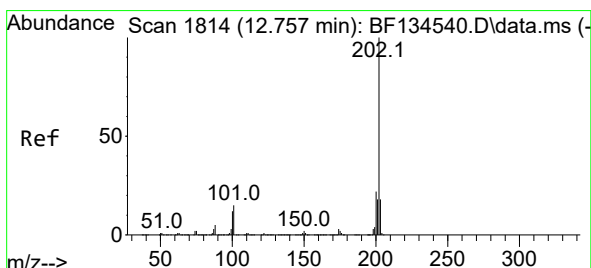
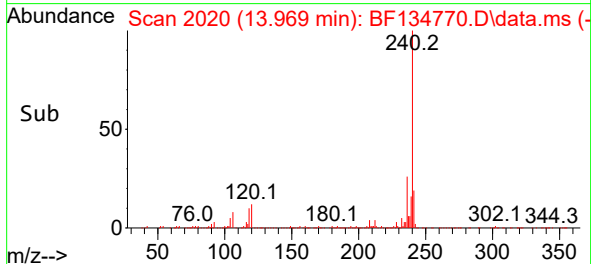
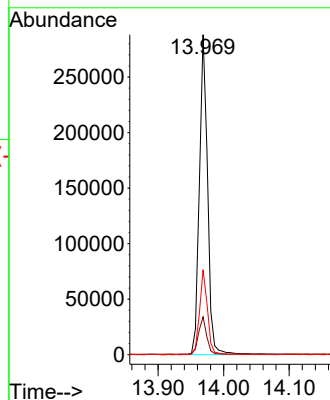
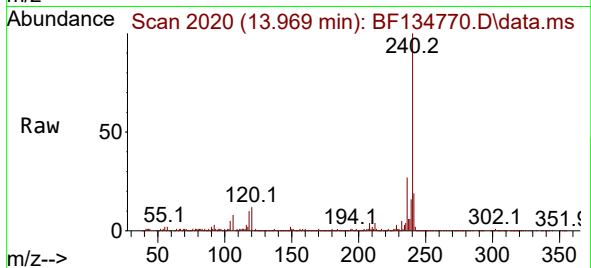
367

Tgt Ion:240 Resp: 252337
 Ion Ratio Lower Upper
 240 100
 120 11.8 6.6 10.0
 236 26.5 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023



#78

Pyrene

Concen: 2.502 ng

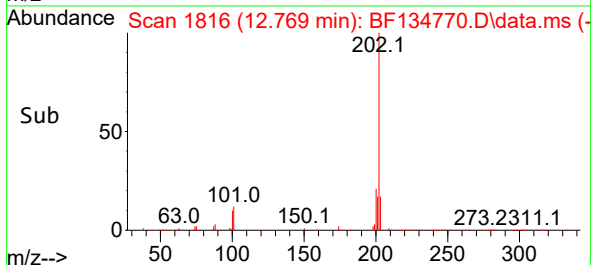
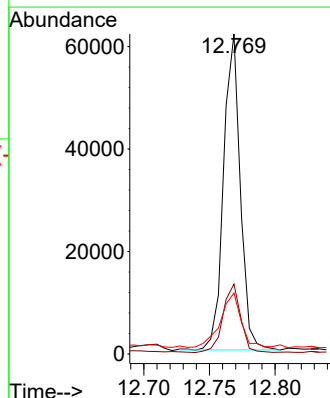
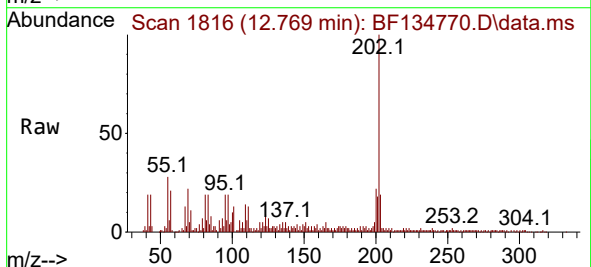
RT: 12.769 min Scan# 1816

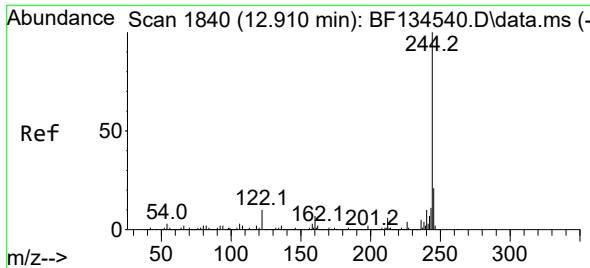
Delta R.T. 0.000 min

Lab File: BF134770.D

Acq: 14 Aug 2023 20:54

Tgt Ion:202 Resp: 54637
 Ion Ratio Lower Upper
 202 100
 200 21.9 15.8 23.8
 203 19.1 13.5 20.3





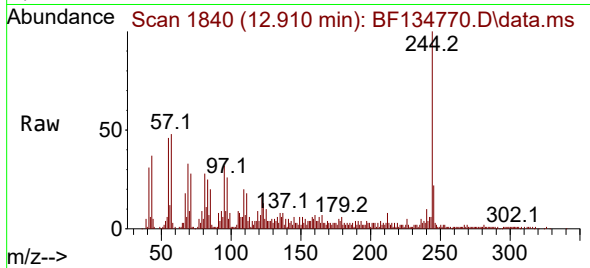
#79
 Terphenyl-d14
 Concen: 2.594 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134770.D
 Acq: 14 Aug 2023 20:54

Instrument :

BNA_F

ClientSampleId :

367

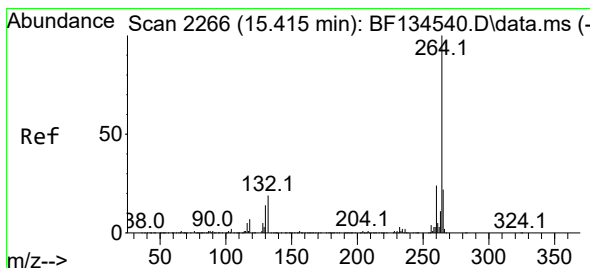
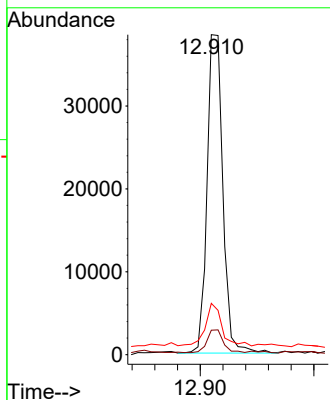
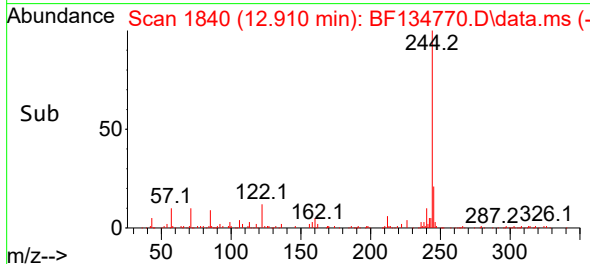


Tgt Ion:244 Resp: 3713
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.6 8.4
 122 16.0 8.0 12.0

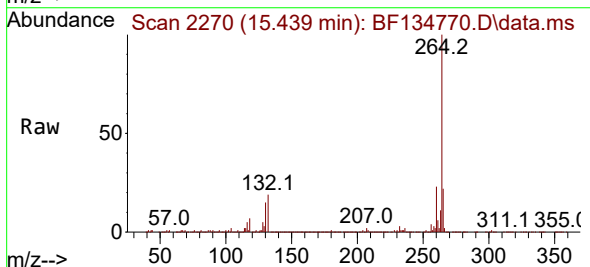
Manual Integrations

APPROVED

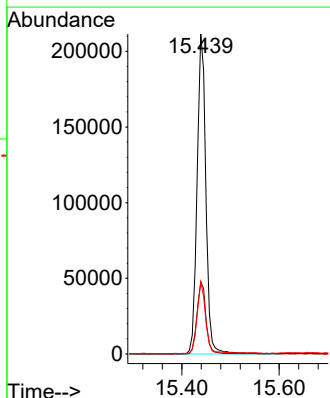
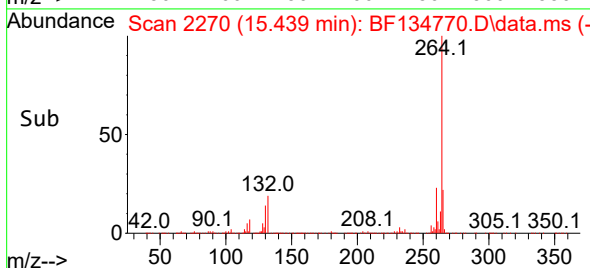
Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

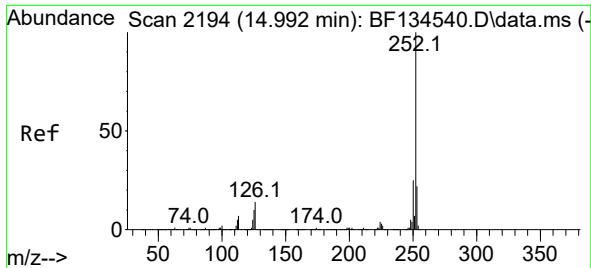


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF134770.D
 Acq: 14 Aug 2023 20:54



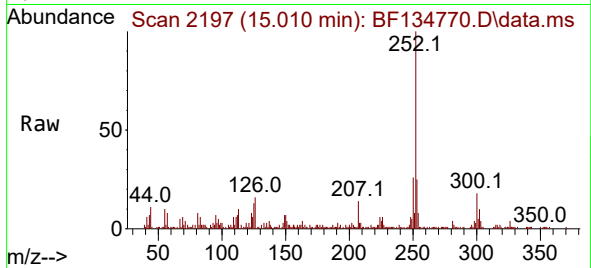
Tgt Ion:264 Resp: 267588
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.4 27.6
 265 22.5 15.8 23.8





#88
Benzo(b)fluoranthene
Concen: 2.177 ng m
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134770.D
Acq: 14 Aug 2023 20:54

Instrument :
BNA_F
ClientSampleId :
367



Tgt Ion:252 Resp: 3553
Ion Ratio Lower Upper
252 100
253 25.0 17.3 25.9
125 12.9 6.0 9.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

