

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140169.D
 Acq On : 30 Oct 2024 20:25
 Operator : RC/JU
 Sample : P4611-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 01 02:19:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	63395	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	208281	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	94346	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	181356	20.000	ng	0.00
76) Chrysene-d12	14.074	240	168887	20.000	ng	0.02
86) Perylene-d12	15.598	264	119254	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	366751	90.566	ng	0.00
7) Phenol-d6	6.504	99	443677	84.594	ng	0.00
23) Nitrobenzene-d5	7.439	82	280992	74.772	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	92198	104.476	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	462445	81.008	ng	-0.01
79) Terphenyl-d14	13.010	244	592101	57.128	ng	0.01
Target Compounds						Qvalue
83) Chrysene	14.092	228	27348m	2.713	ng	
88) Benzo(b)fluoranthene	15.151	252	35685m	4.912	ng	
90) Benzo(a)pyrene	15.533	252	15995	2.676	ng	# 90

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

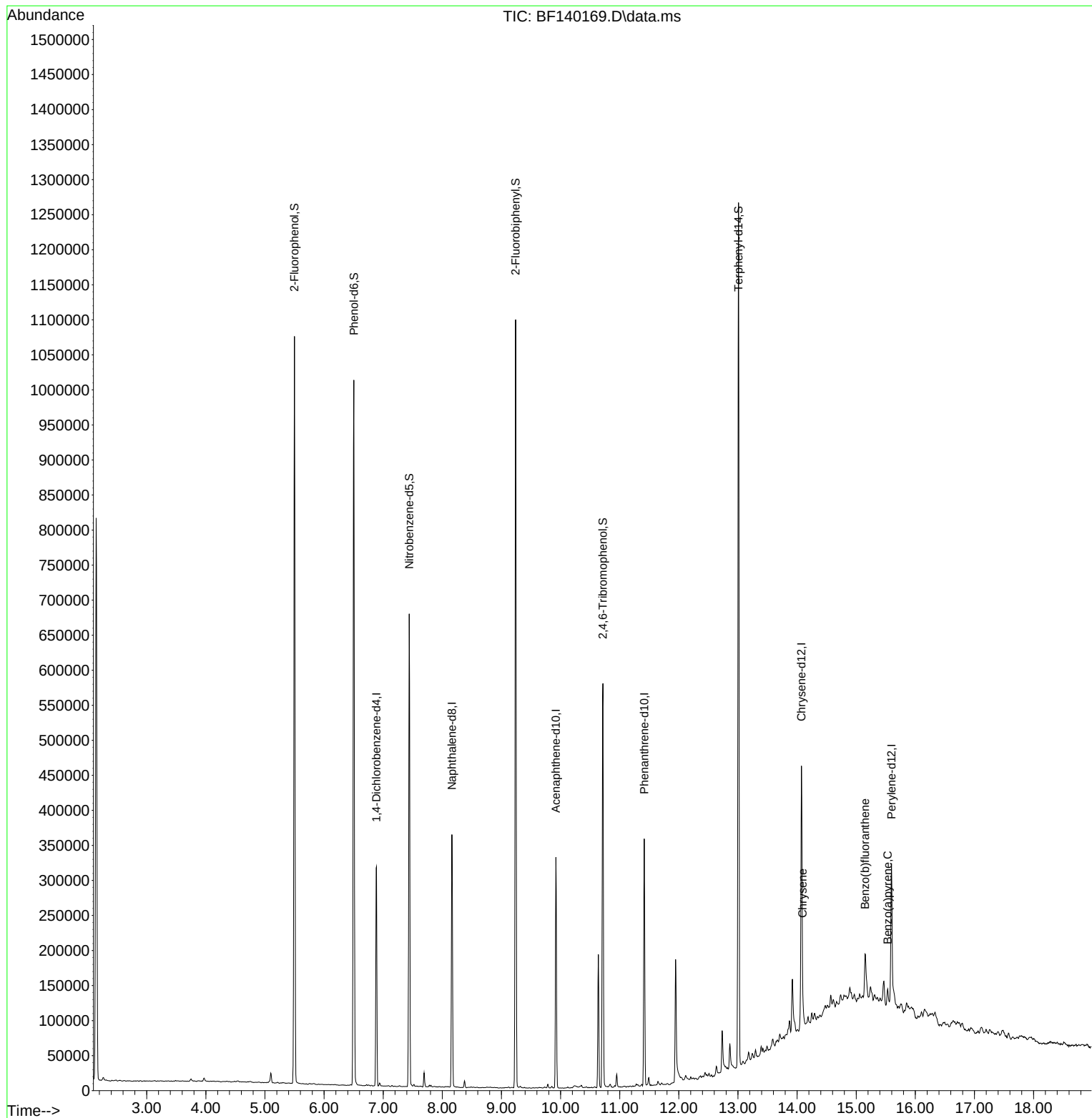
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140169.D
Acq On : 30 Oct 2024 20:25
Operator : RC/JU
Sample : P4611-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

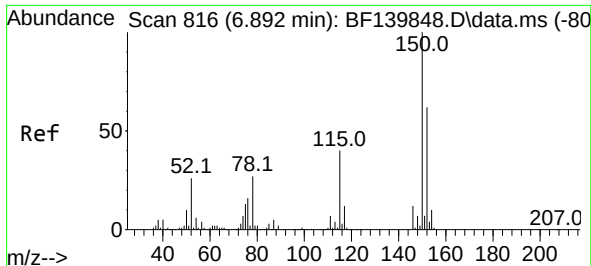
Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Nov 01 02:19:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

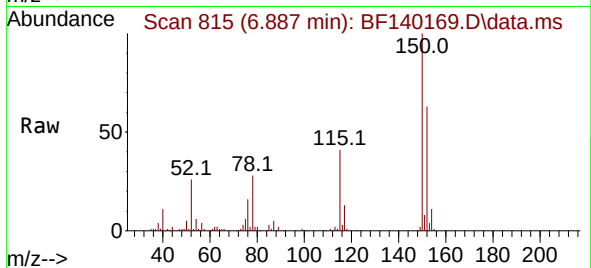
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140169.D
Acq: 30 Oct 2024 20:25

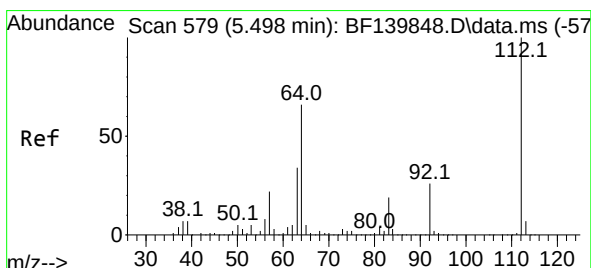
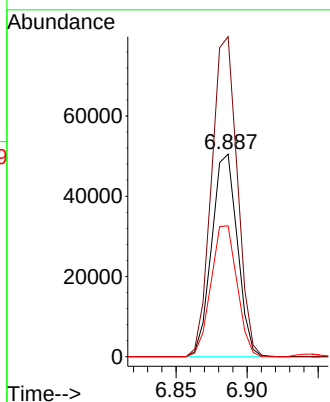
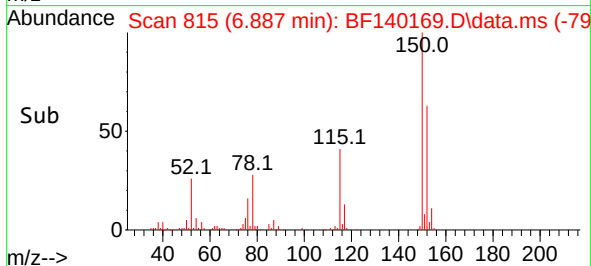
Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:152 Resp: 63395
Ion Ratio Lower Upper
152 100
150 158.0 130.2 195.2
115 64.6 51.4 77.2

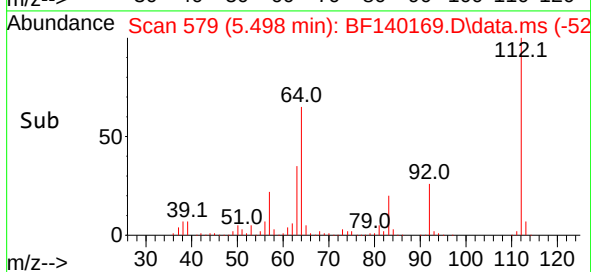
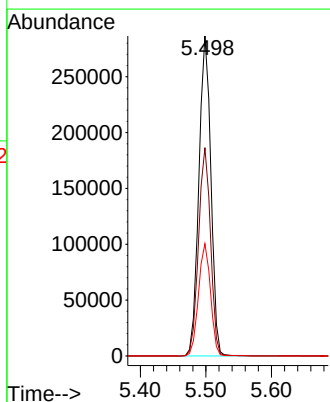
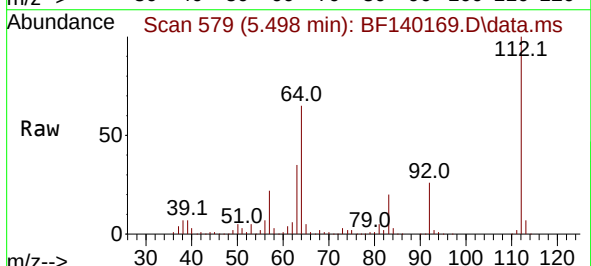
Manual Integrations
APPROVED

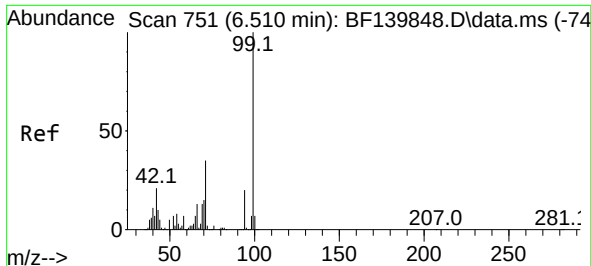
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#5
2-Fluorophenol
Concen: 90.566 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140169.D
Acq: 30 Oct 2024 20:25

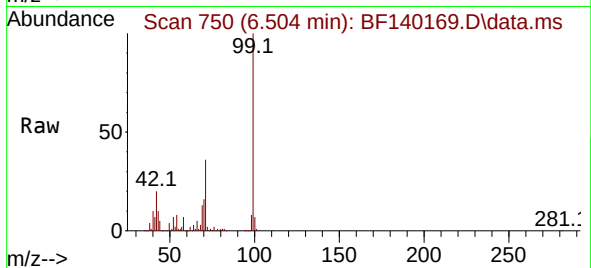
Tgt Ion:112 Resp: 366751
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 35.1 27.0 40.4





#7
Phenol-d6
Concen: 84.594 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140169.D
Acq: 30 Oct 2024 20:25

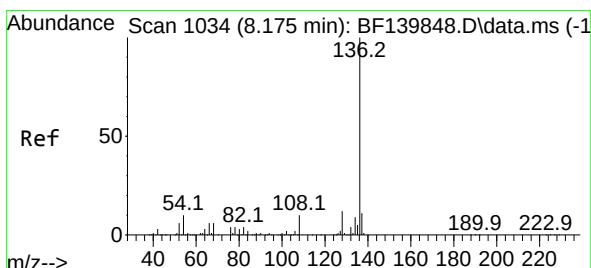
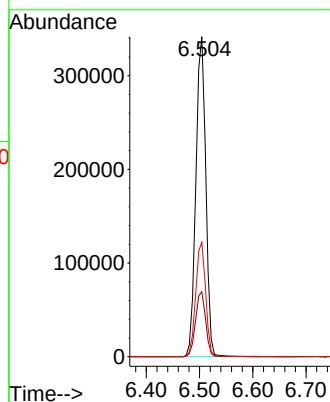
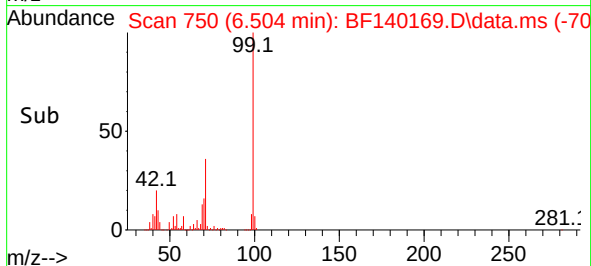
Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion: 99 Resp: 44367
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 35.8 27.7 41.5

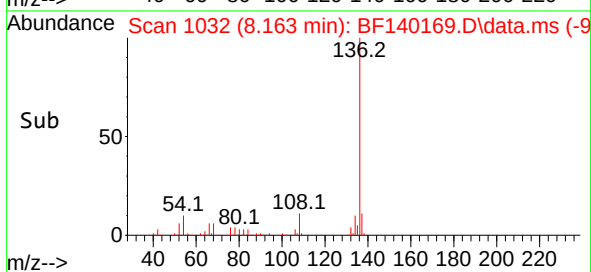
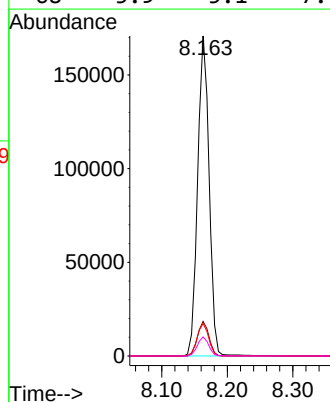
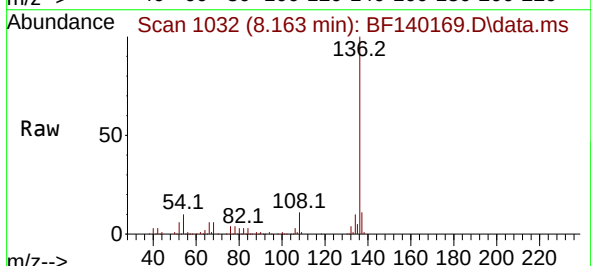
Manual Integrations
APPROVED

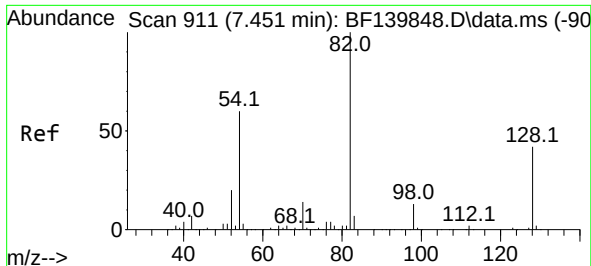
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140169.D
Acq: 30 Oct 2024 20:25

Tgt Ion:136 Resp: 208281
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.1 8.4 12.6
68 5.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 74.772 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140169.D

Acq: 30 Oct 2024 20:25

Instrument :

BNA_F

ClientSampleId :

TP-3

Tgt Ion: 82 Resp: 280992

Ion Ratio Lower Upper

82 100

128 42.7 33.4 50.0

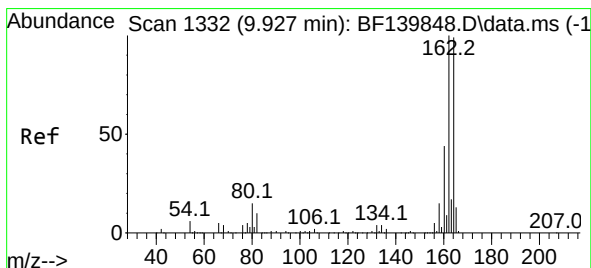
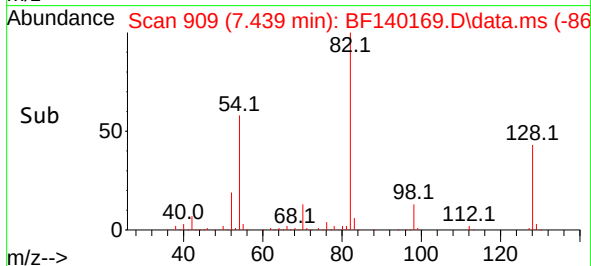
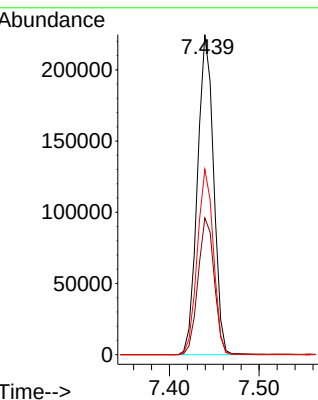
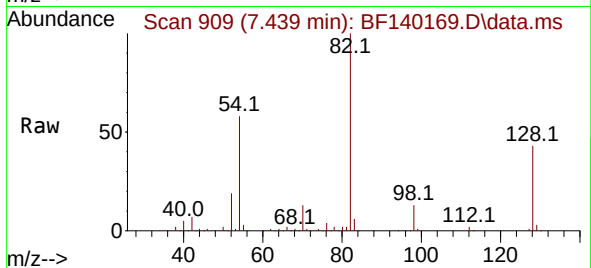
54 57.9 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF140169.D

Acq: 30 Oct 2024 20:25

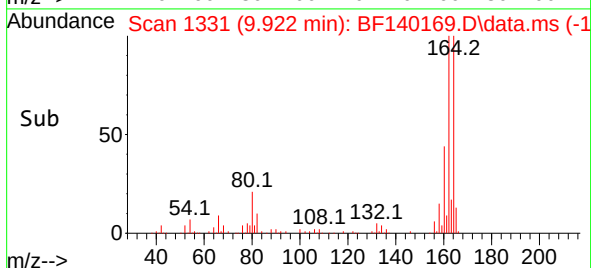
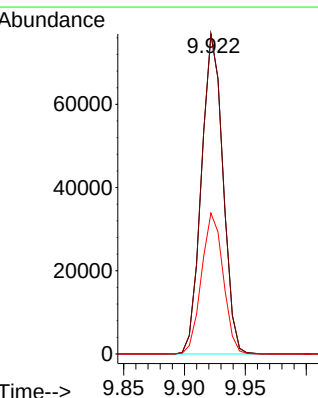
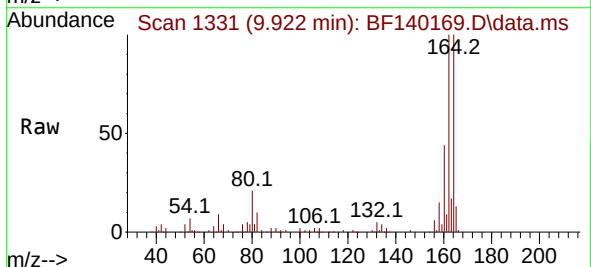
Tgt Ion:164 Resp: 94346

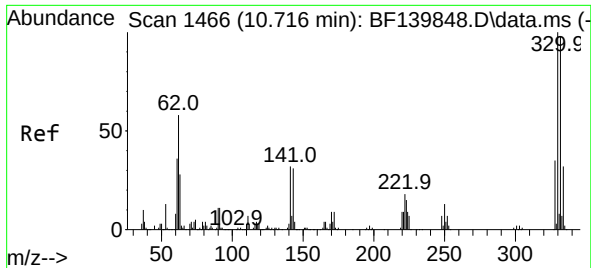
Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

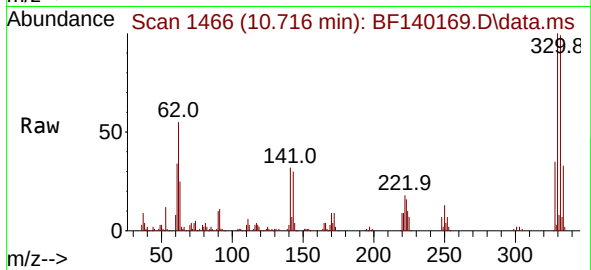
160 44.0 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 104.476 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140169.D
Acq: 30 Oct 2024 20:25

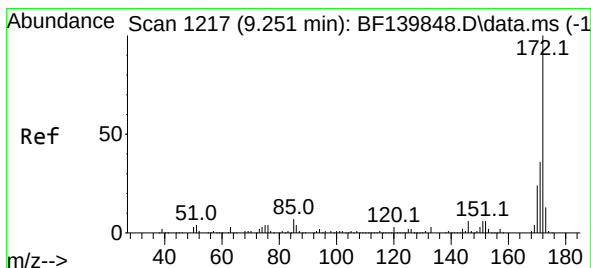
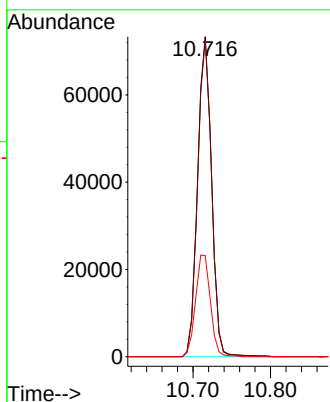
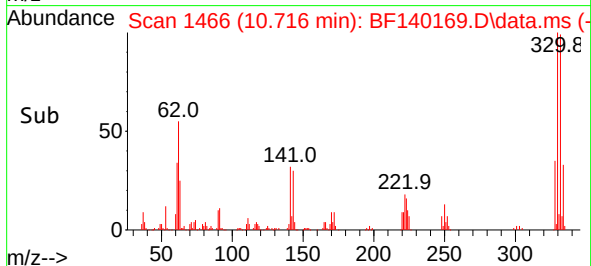
Instrument :
BNA_F
ClientSampleId :
TP-3



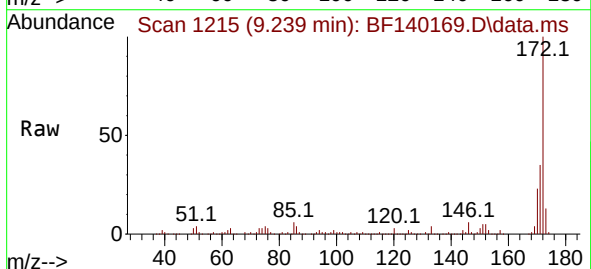
Tgt Ion:330 Resp: 92198
Ion Ratio Lower Upper
330 100
332 98.2 78.1 117.1
141 33.5 26.6 39.8

Manual Integrations
APPROVED

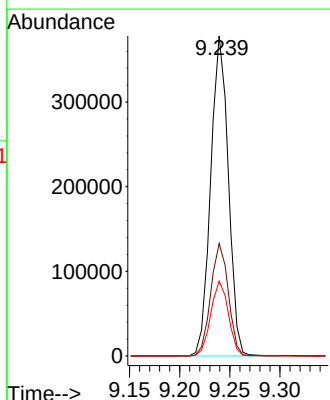
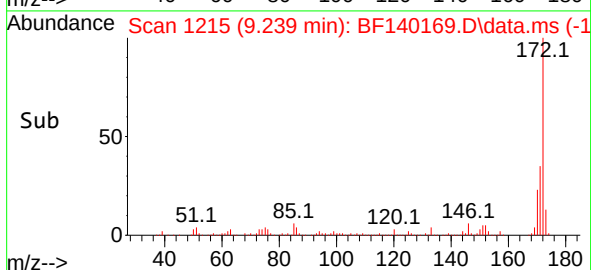
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

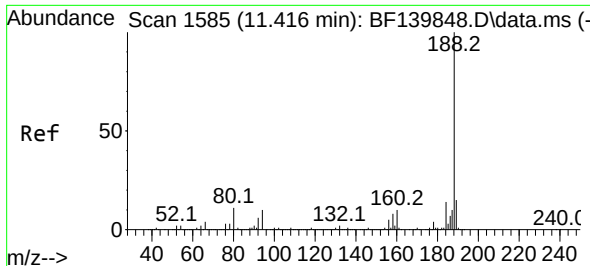


#45
2-Fluorobiphenyl
Concen: 81.008 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140169.D
Acq: 30 Oct 2024 20:25



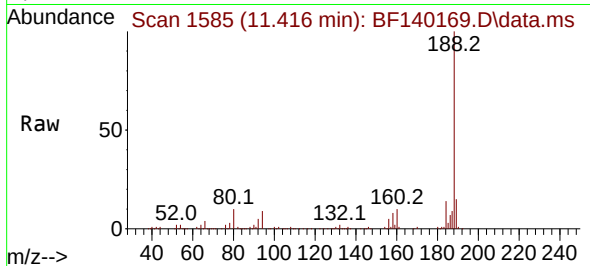
Tgt Ion:172 Resp: 462445
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.4 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140169.D
Acq: 30 Oct 2024 20:25

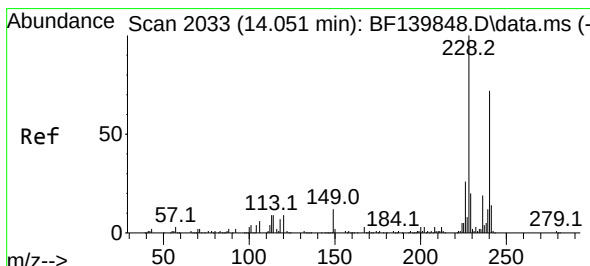
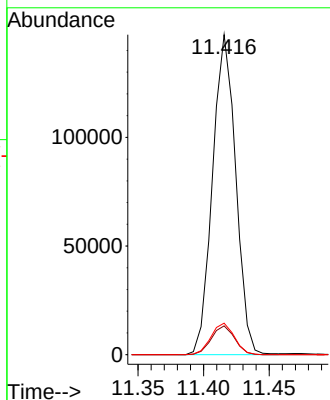
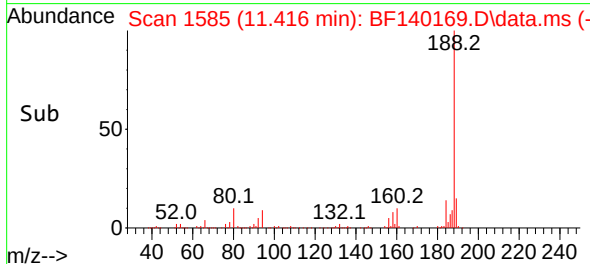
Instrument :
BNA_F
ClientSampleId :
TP-3



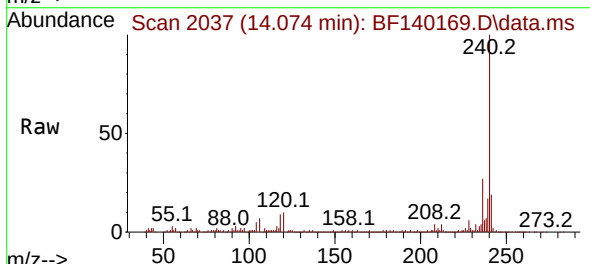
Tgt Ion:188 Resp: 181350
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.9 9.0 13.4

Manual Integrations
APPROVED

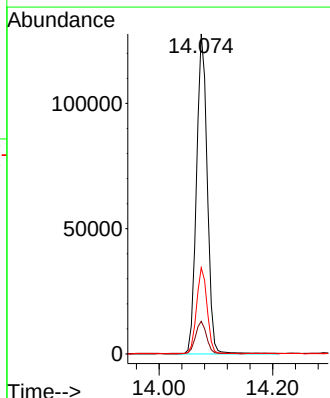
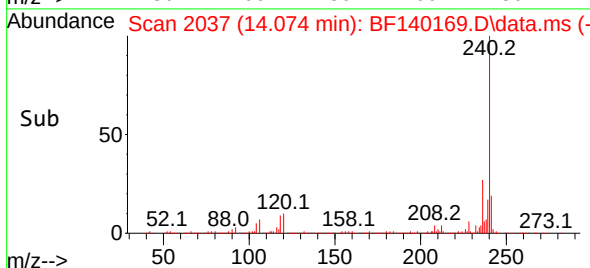
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

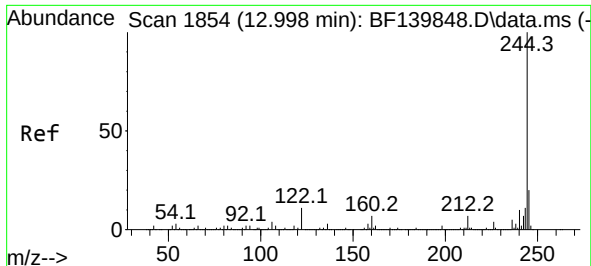


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140169.D
Acq: 30 Oct 2024 20:25



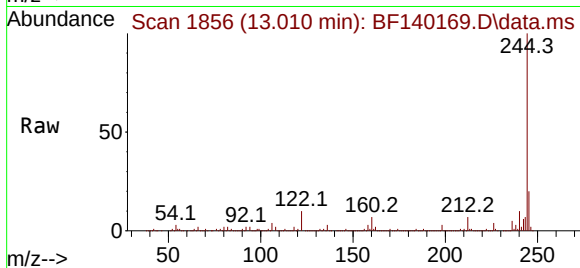
Tgt Ion:240 Resp: 168887
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 26.9 20.9 31.3





#79
 Terphenyl-d14
 Concen: 57.128 ng
 RT: 13.010 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF140169.D
 Acq: 30 Oct 2024 20:25

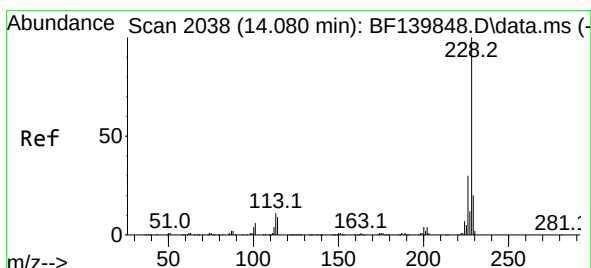
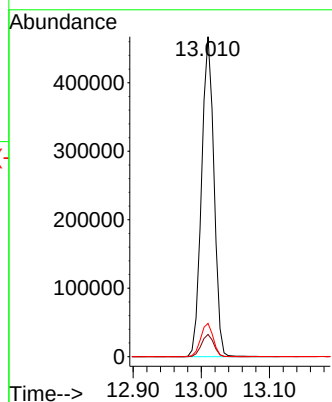
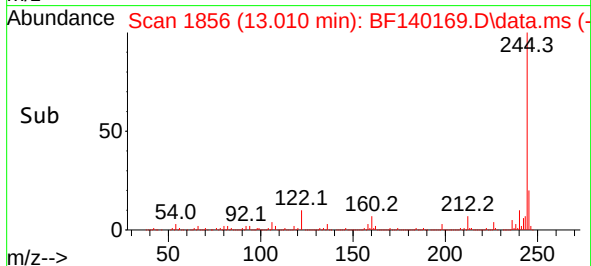
Instrument :
 BNA_F
 ClientSampleId :
 TP-3



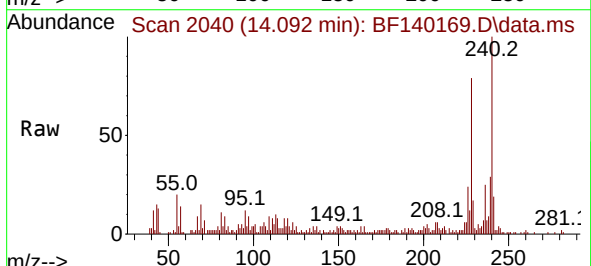
Tgt Ion:244 Resp: 59210
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.4 8.6 13.0

Manual Integrations
 APPROVED

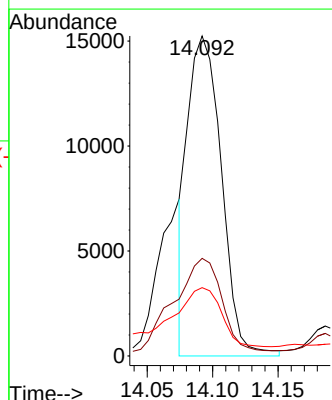
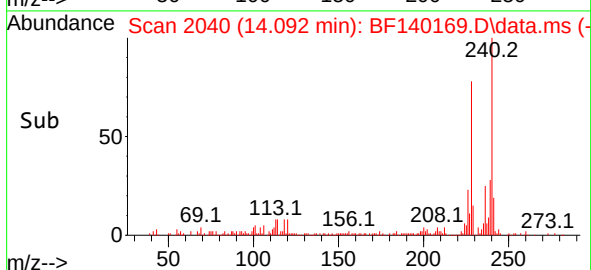
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

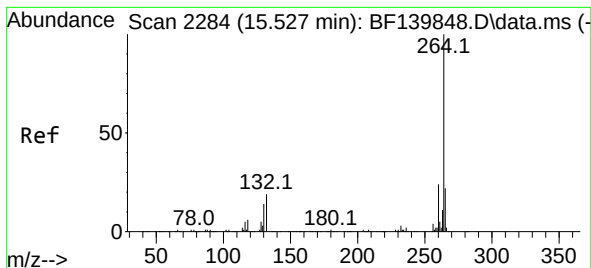


#83
 Chrysene
 Concen: 2.713 ng m
 RT: 14.092 min Scan# 2040
 Delta R.T. 0.012 min
 Lab File: BF140169.D
 Acq: 30 Oct 2024 20:25



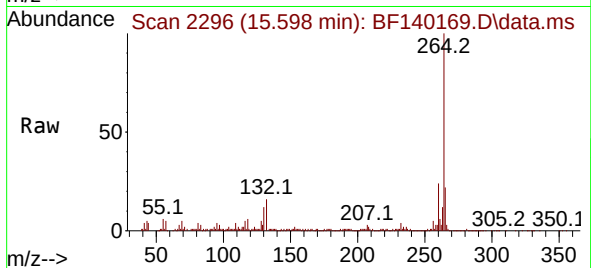
Tgt Ion:228 Resp: 27348
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.1 36.1
 229 21.3 15.8 23.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF140169.D
Acq: 30 Oct 2024 20:25

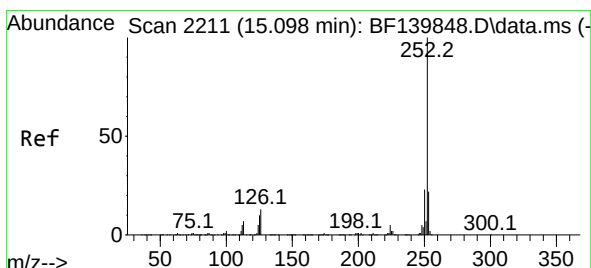
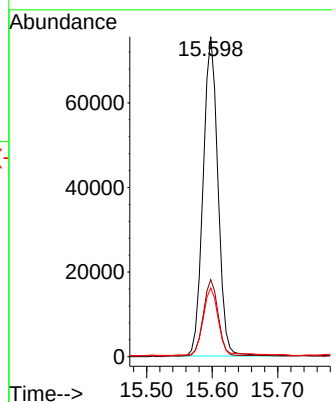
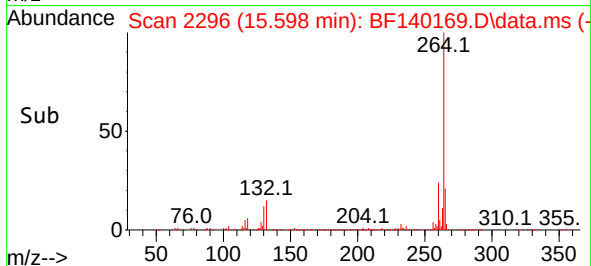
Instrument :
BNA_F
ClientSampleId :
TP-3



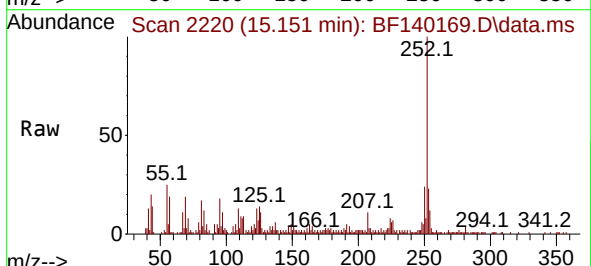
Tgt Ion:264 Resp: 119254
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.5 17.4 26.0

Manual Integrations
APPROVED

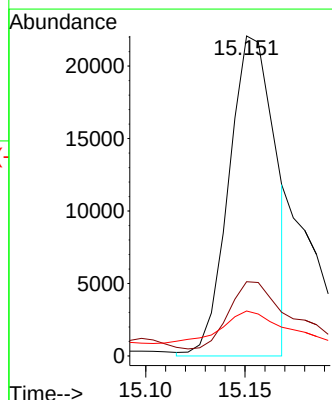
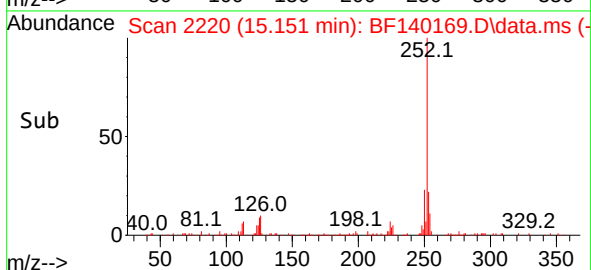
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

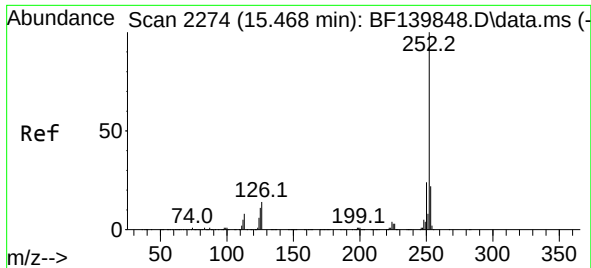


#88
Benzo(b)fluoranthene
Concen: 4.912 ng m
RT: 15.151 min Scan# 2220
Delta R.T. 0.053 min
Lab File: BF140169.D
Acq: 30 Oct 2024 20:25



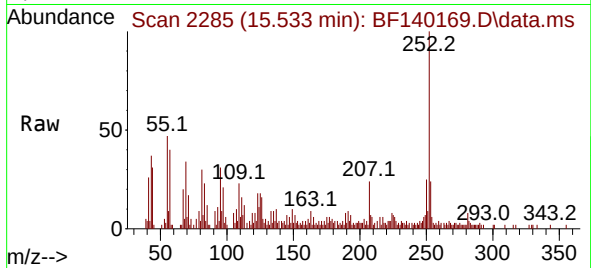
Tgt Ion:252 Resp: 35685
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 14.1 7.9 11.9#





#90
Benzo(a)pyrene
Concen: 2.676 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF140169.D
Acq: 30 Oct 2024 20:25

Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:252 Resp: 1599
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 18.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

