

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139766.D
 Acq On : 11 Oct 2024 10:58
 Operator : RC/JU
 Sample : P4364-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-4.5-5.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 11 12:16:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	86523	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	331745	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	177862	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	281292	20.000	ng	0.00
76) Chrysene-d12	14.027	240	140104	20.000	ng	0.00
86) Perylene-d12	15.504	264	179767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	411824	82.497	ng	0.00
7) Phenol-d6	6.498	99	537827	80.116	ng	0.00
23) Nitrobenzene-d5	7.428	82	349678	53.367	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	114592	66.741	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	585601	50.545	ng	0.00
79) Terphenyl-d14	12.969	244	355967	41.689	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.169	128	105569	6.224	ng	99
74) Di-n-butylphthalate	11.945	149	103839	6.776	ng	99
83) Chrysene	14.051	228	19636m	2.332	ng	
84) Bis(2-ethylhexyl)phtha...	14.004	149	16411	2.932	ng	98

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

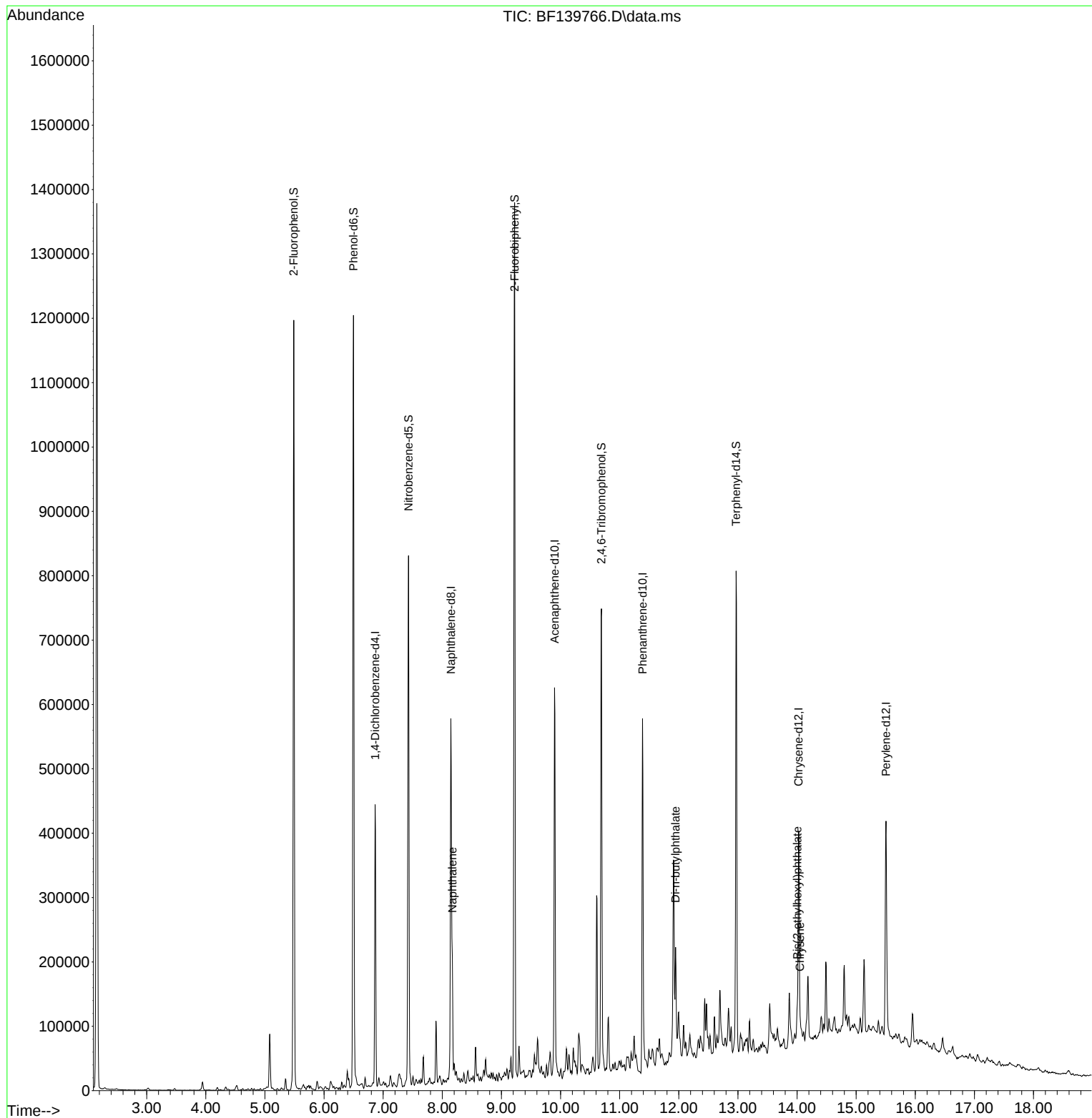
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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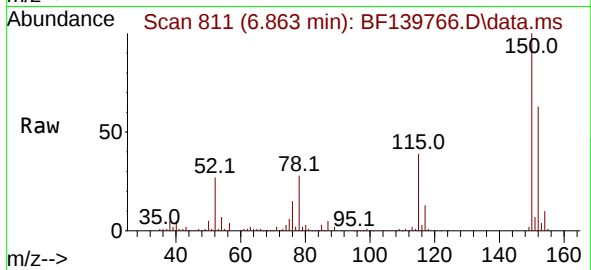
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

SB-04-4.5-5.0

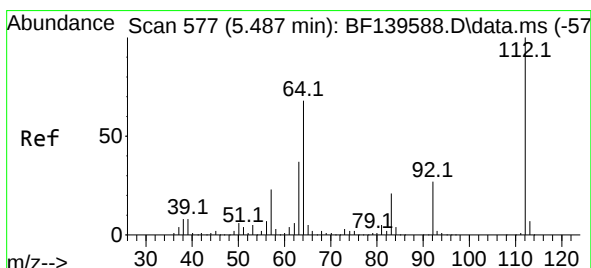
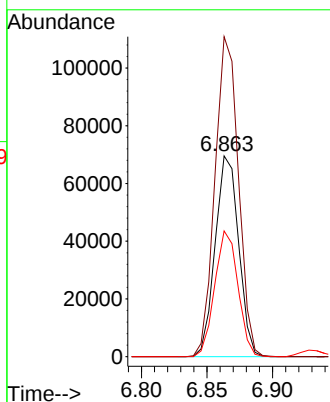
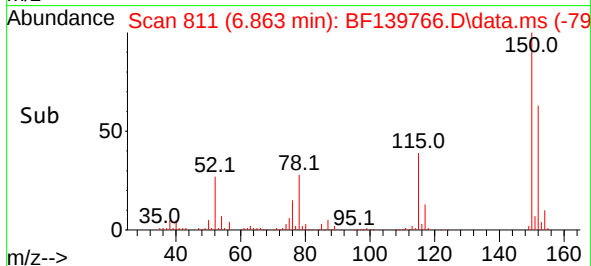


Tgt Ion:152 Resp: 86520
Ion Ratio Lower Upper
152 100
150 159.3 127.2 190.8
115 62.6 49.0 73.4

Manual Integrations

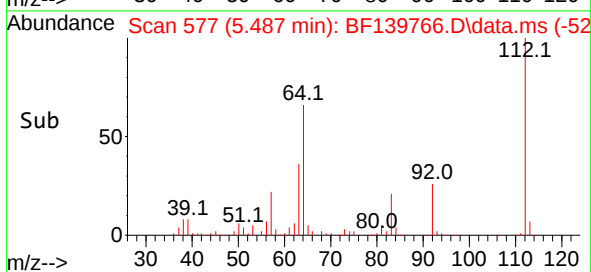
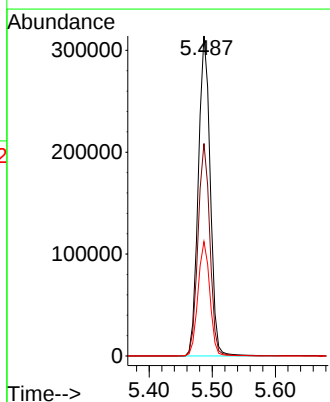
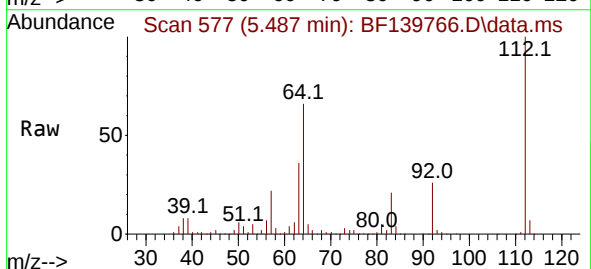
APPROVED

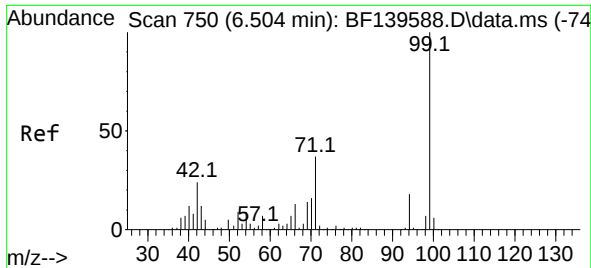
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#5
2-Fluorophenol
Concen: 82.497 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

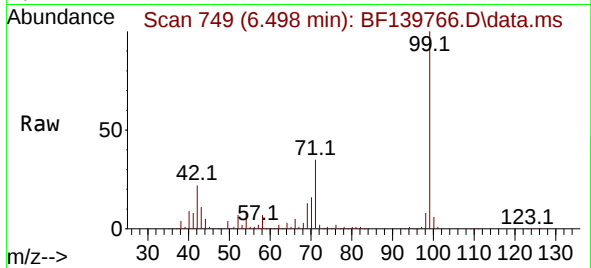
Tgt Ion:112 Resp: 411824
Ion Ratio Lower Upper
112 100
64 66.4 54.2 81.4
63 35.8 29.4 44.2





#7
Phenol-d6
Concen: 80.116 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

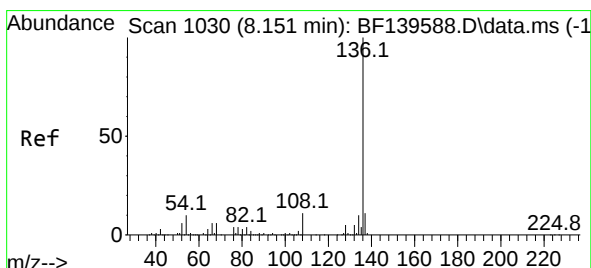
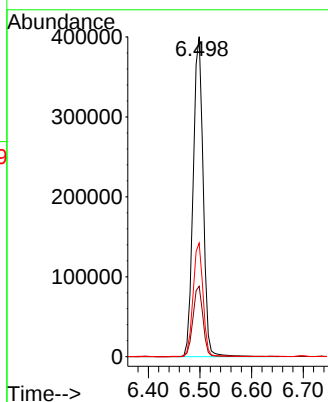
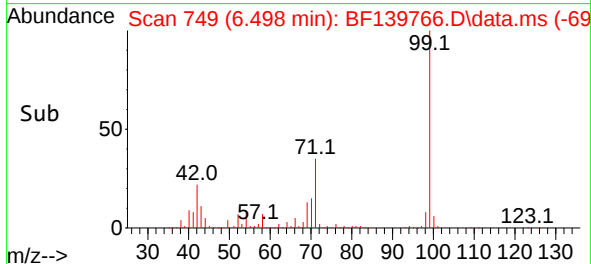
Instrument :
BNA_F
ClientSampleId :
SB-04-4.5-5.0



Tgt Ion: 99 Resp: 53782
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 35.5 29.7 44.5

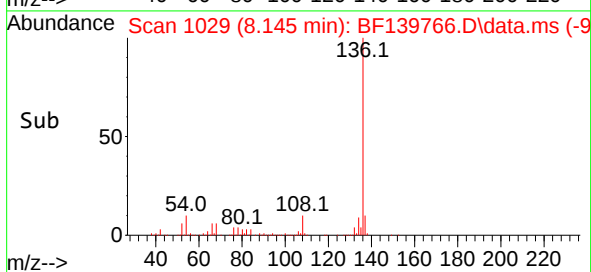
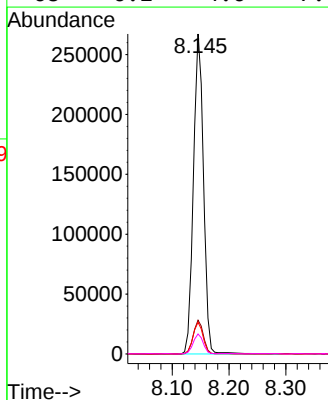
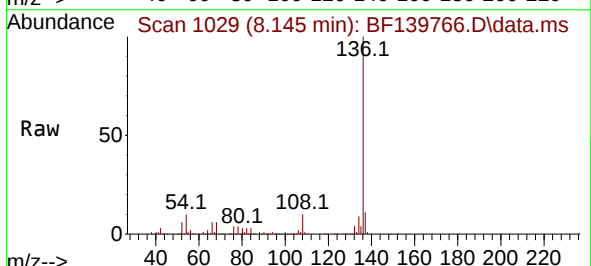
Manual Integrations
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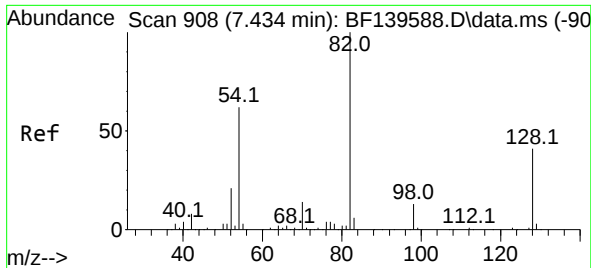
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Tgt Ion:136 Resp: 331745
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.9 8.3 12.5
68 6.2 4.6 7.0





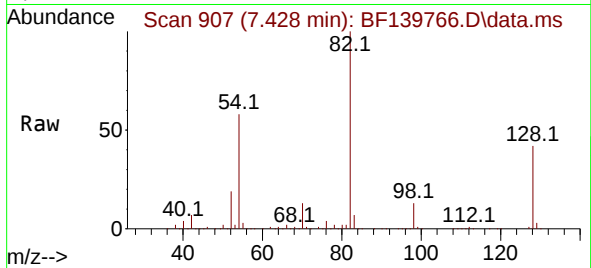
#23
Nitrobenzene-d5
Concen: 53.367 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

SB-04-4.5-5.0

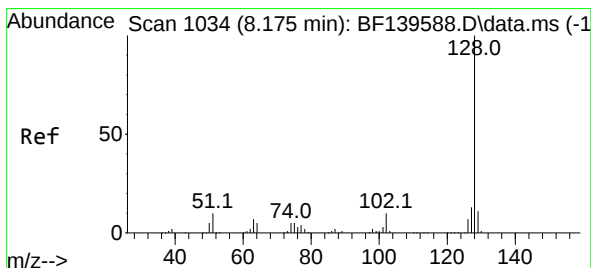
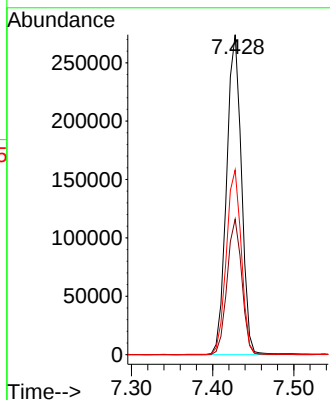
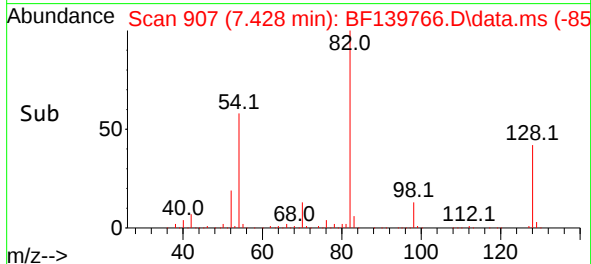


Tgt Ion: 82 Resp: 349678
Ion Ratio Lower Upper
82 100
128 42.4 32.4 48.6
54 57.8 49.1 73.7

Manual Integrations

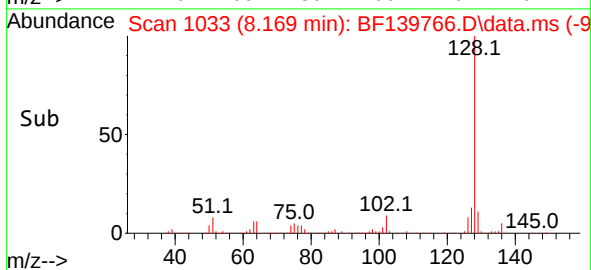
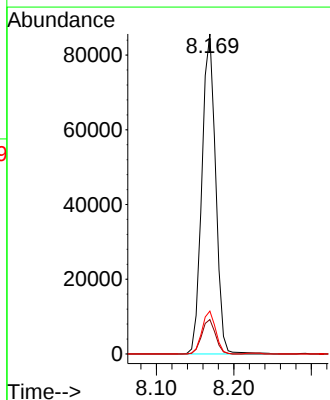
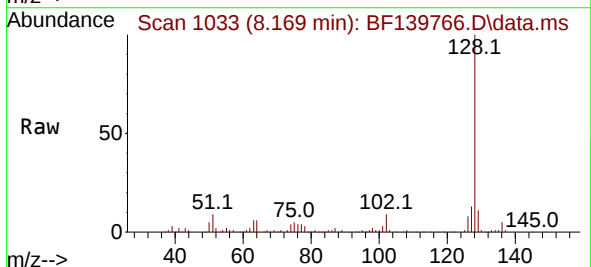
APPROVED

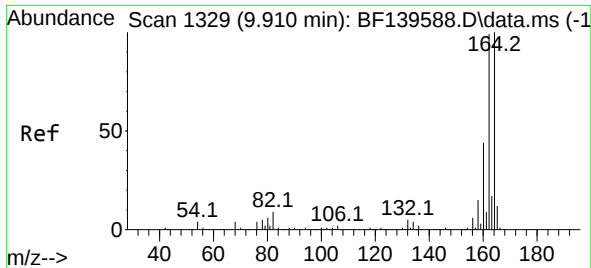
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#31
Naphthalene
Concen: 6.224 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Tgt Ion:128 Resp: 105569
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.4 10.5 15.7





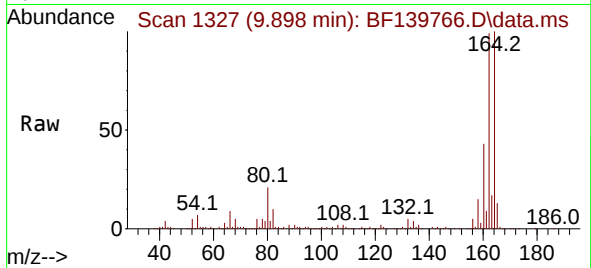
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

SB-04-4.5-5.0

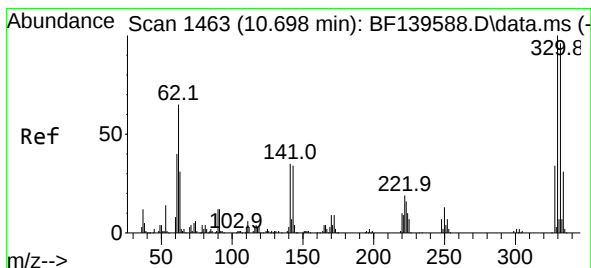
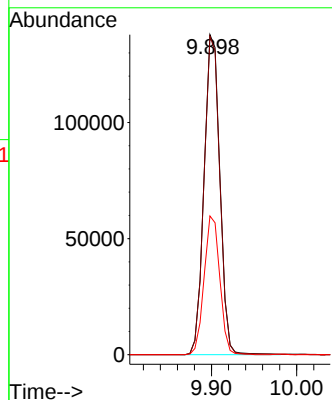
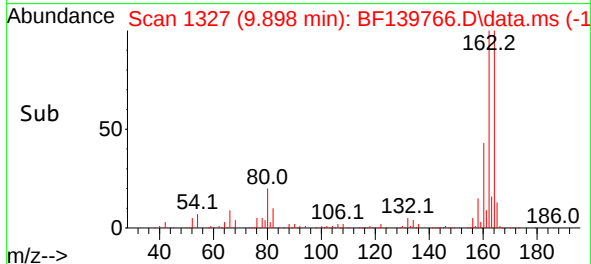


Tgt Ion:164 Resp: 177862
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 43.3 35.1 52.7

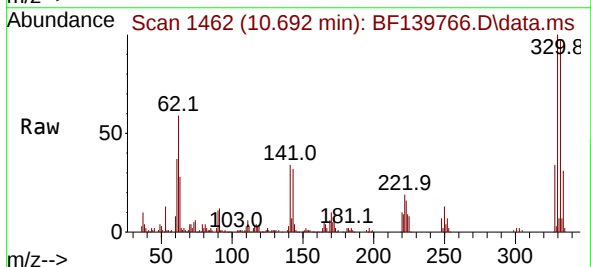
Manual Integrations

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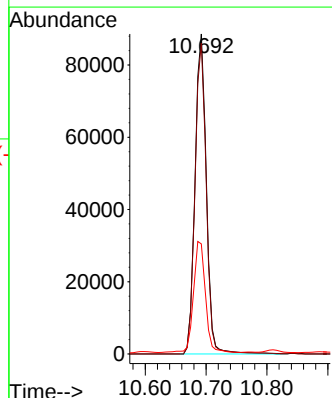
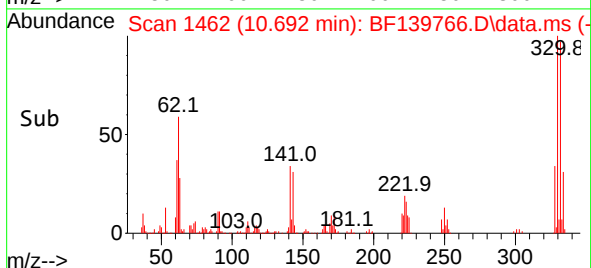
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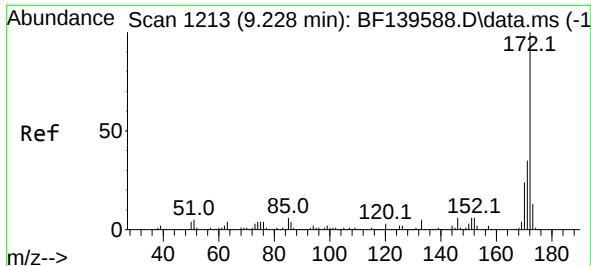


#42
2,4,6-Tribromophenol
Concen: 66.741 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58



Tgt Ion:330 Resp: 114592
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 36.6 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 50.545 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139766.D

Acq: 11 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

SB-04-4.5-5.0

Tgt Ion:172 Resp: 58560

Ion Ratio Lower Upper

172 100

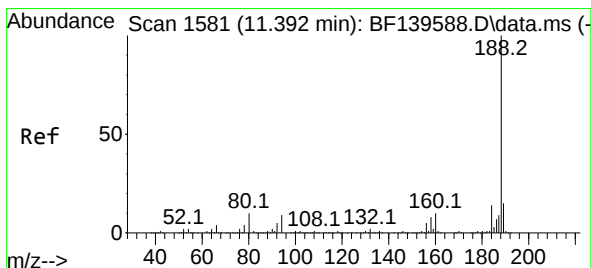
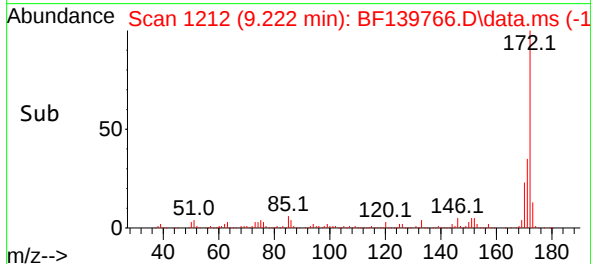
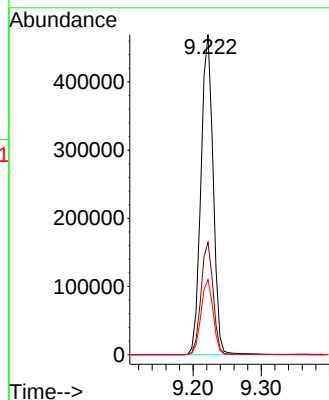
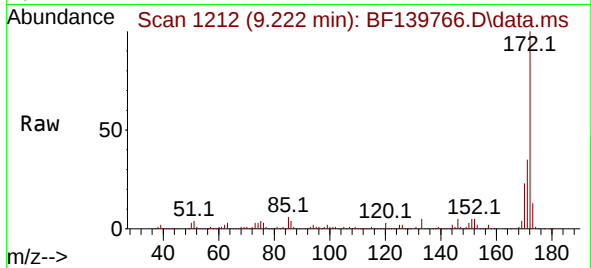
171 35.2 28.2 42.4

170 23.5 18.8 28.2

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139766.D

Acq: 11 Oct 2024 10:58

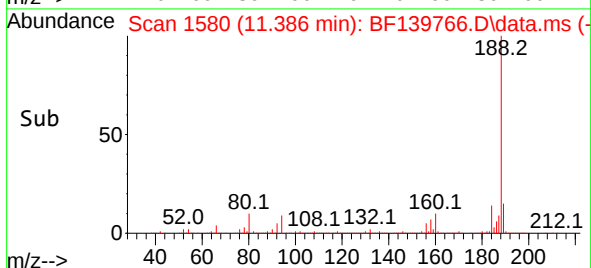
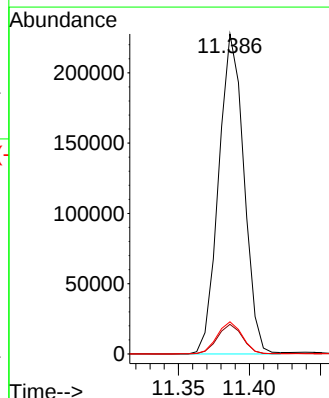
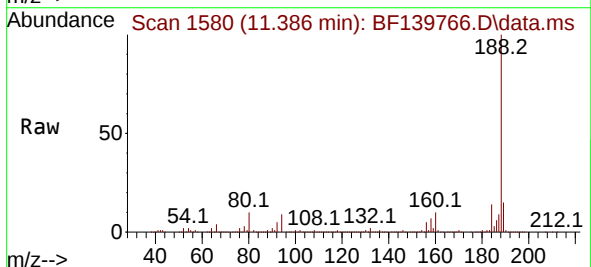
Tgt Ion:188 Resp: 281292

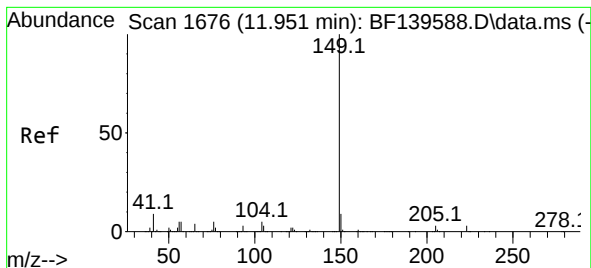
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.1 8.2 12.2





#74

Di-n-butylphthalate

Concen: 6.776 ng

RT: 11.945 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF139766.D

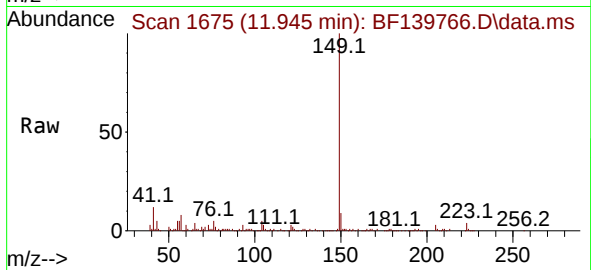
Acq: 11 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

SB-04-4.5-5.0



Tgt Ion:149 Resp: 103839

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

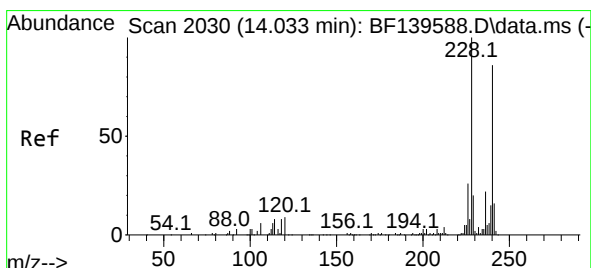
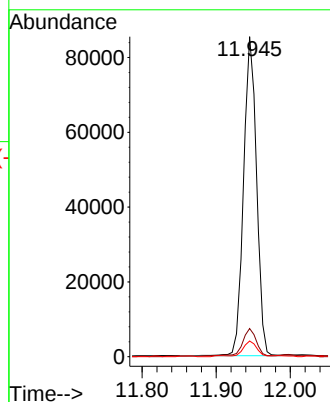
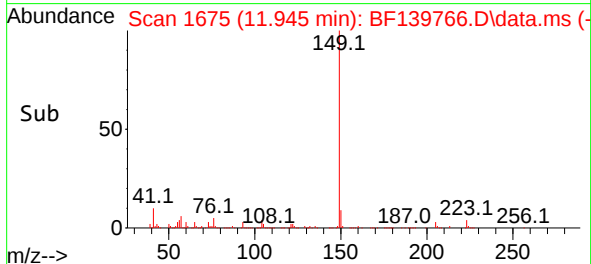
104 4.9 4.1 6.1

Manual Integrations

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Supervised By :mohammad ahmed 10/15/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139766.D

Acq: 11 Oct 2024 10:58

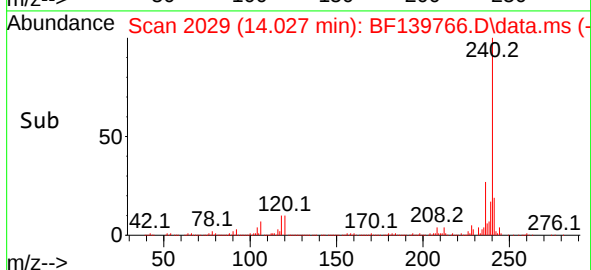
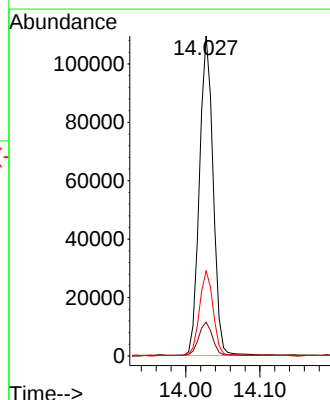
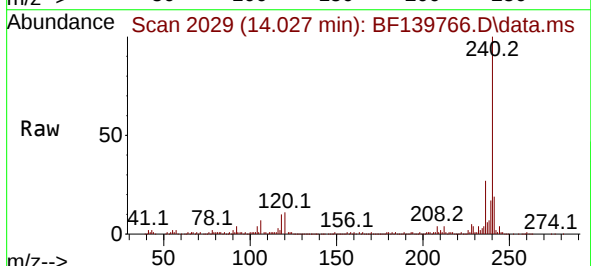
Tgt Ion:240 Resp: 140104

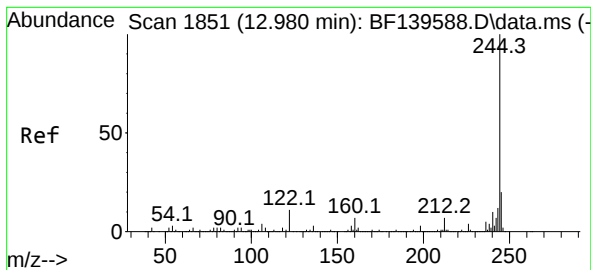
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 26.5 20.3 30.5





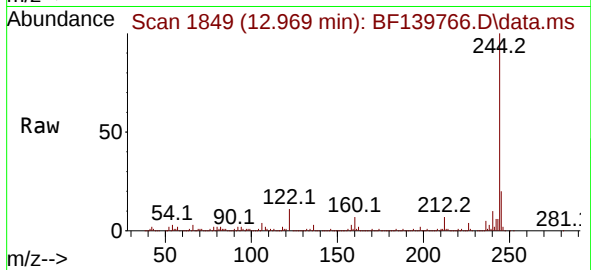
#79
 Terphenyl-d14
 Concen: 41.689 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. -0.011 min
 Lab File: BF139766.D
 Acq: 11 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

SB-04-4.5-5.0

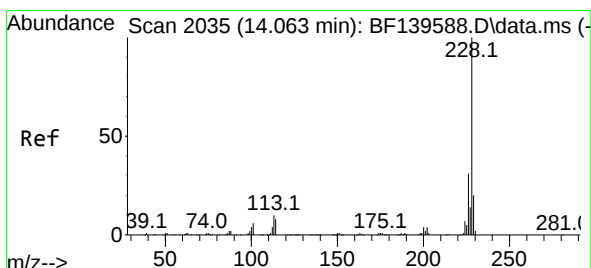
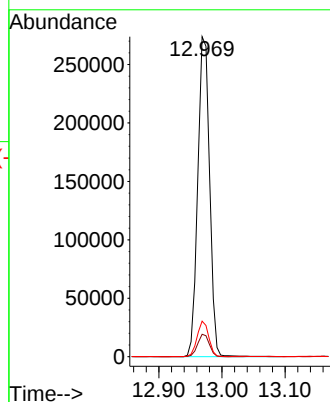
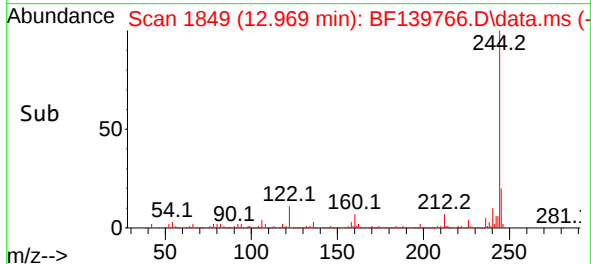


Tgt Ion:244 Resp: 35596
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.1 8.6 12.8

Manual Integrations

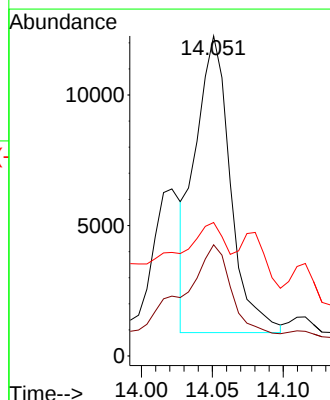
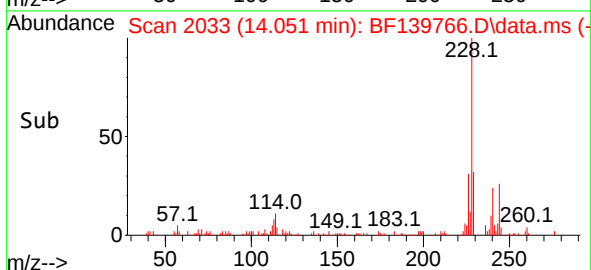
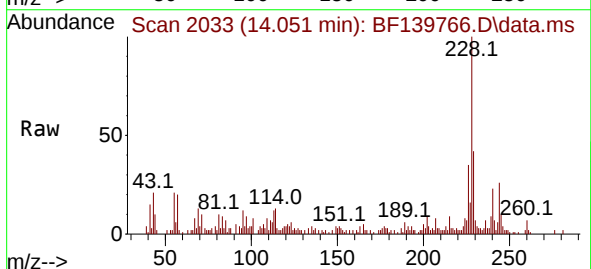
APPROVED

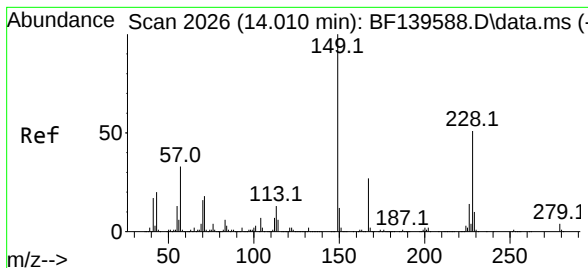
Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024



#83
 Chrysene
 Concen: 2.332 ng m
 RT: 14.051 min Scan# 2033
 Delta R.T. -0.012 min
 Lab File: BF139766.D
 Acq: 11 Oct 2024 10:58

Tgt Ion:228 Resp: 19636
 Ion Ratio Lower Upper
 228 100
 226 34.7 24.3 36.5
 229 41.7 15.7 23.5#





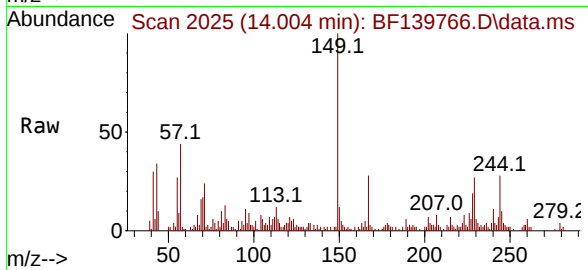
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.932 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

SB-04-4.5-5.0

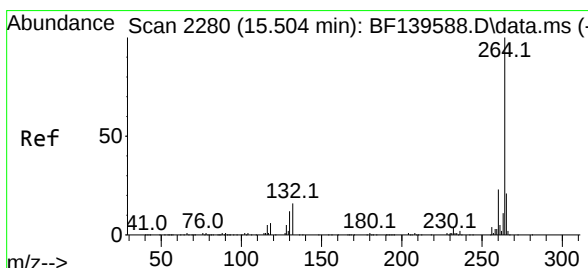
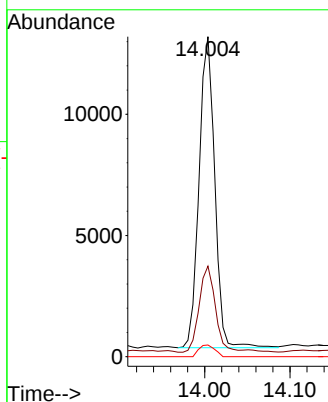
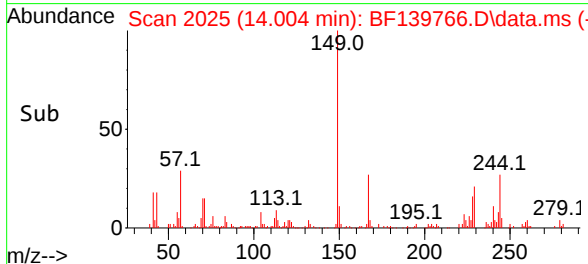


Tgt Ion:149 Resp: 1641
Ion Ratio Lower Upper
149 100
167 28.3 21.7 32.5
279 3.7 3.2 4.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Tgt Ion:264 Resp: 179767
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.4 16.9 25.3

