

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139540.D
 Acq On : 25 Sep 2024 20:43
 Operator : RC/JU
 Sample : P4168-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-09242024

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 26 01:29:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84092	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	306632	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	149508	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	237425	20.000	ng	0.00
76) Chrysene-d12	14.033	240	154518	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	111479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	82019	15.911	ng	0.00
7) Phenol-d6	6.498	99	108033	15.967	ng	0.00
23) Nitrobenzene-d5	7.434	82	67878	10.407	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	18395	11.557	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	127103	11.923	ng	0.00
79) Terphenyl-d14	12.980	244	102467	10.885	ng	0.00
Target Compounds						
75) Fluoranthene	12.610	202	31421	2.569	ng	Qvalue 97
78) Pyrene	12.839	202	32878	2.478	ng	99
88) Benzo(b)fluoranthene	15.074	252	15150m	2.204	ng	

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

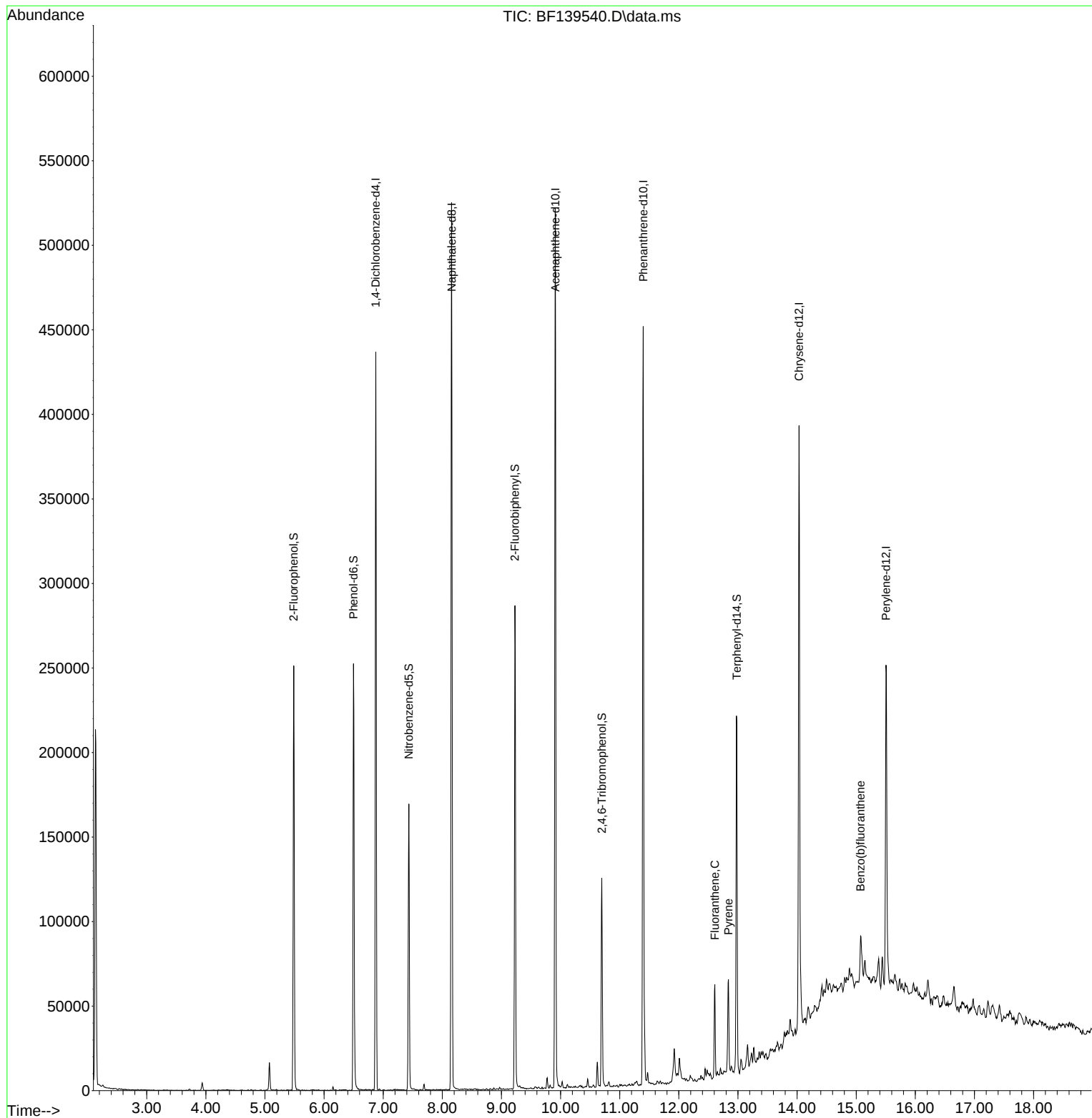
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
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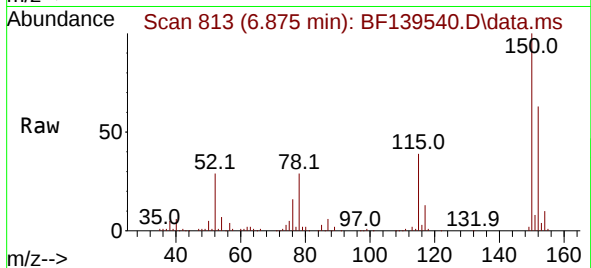
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

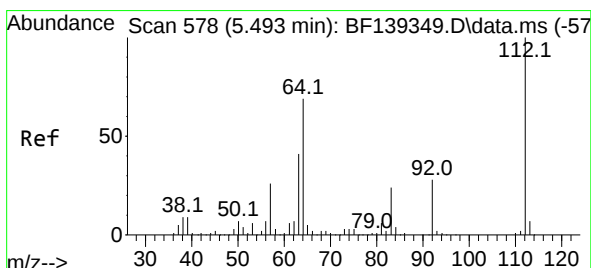
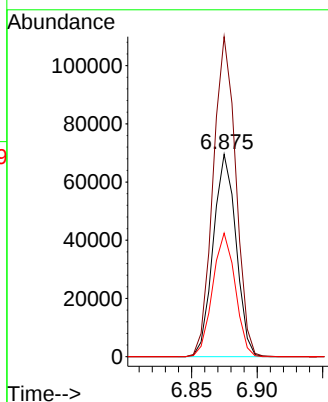
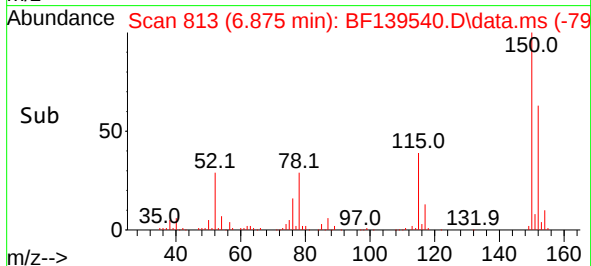
Instrument :
BNA_F
ClientSampleId :
SU-03-09242024



Tgt Ion:152 Resp: 84092
Ion Ratio Lower Upper
152 100
150 158.0 124.1 186.1
115 61.0 48.1 72.1

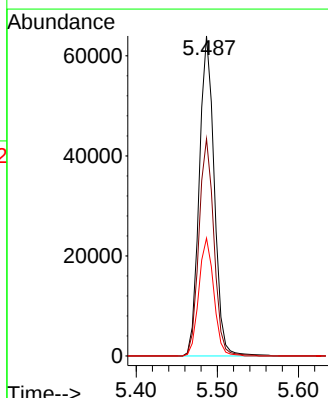
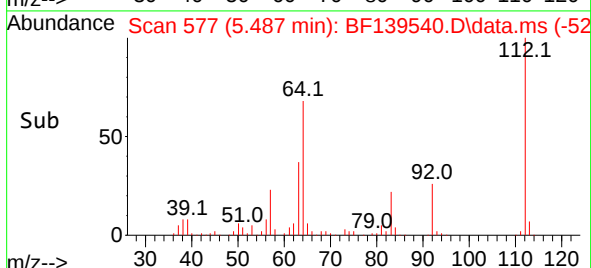
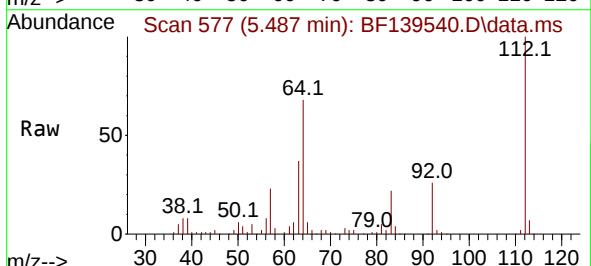
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#5
2-Fluorophenol
Concen: 15.911 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

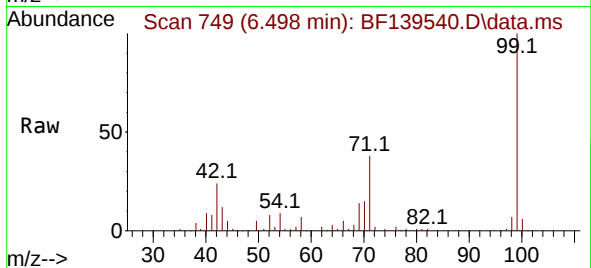
Tgt Ion:112 Resp: 82019
Ion Ratio Lower Upper
112 100
64 67.9 54.8 82.2
63 36.8 33.0 49.4





#7
Phenol-d6
Concen: 15.967 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

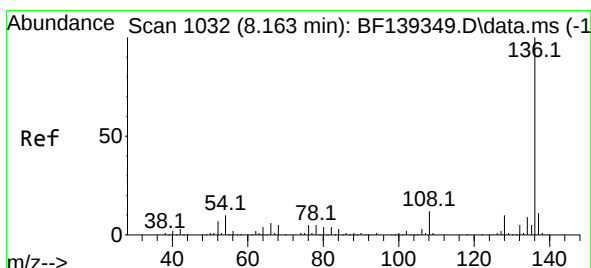
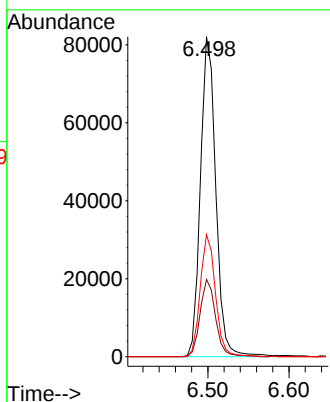
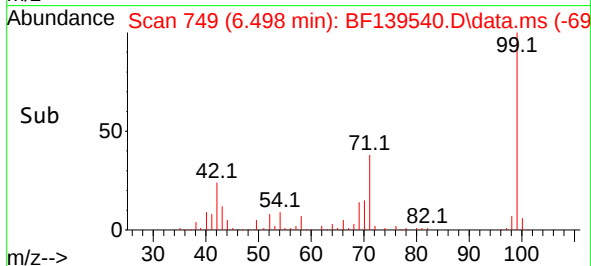
Instrument :
BNA_F
ClientSampleId :
SU-03-09242024



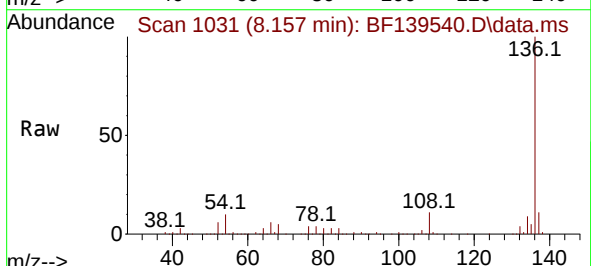
Tgt Ion: 99 Resp: 10803
Ion Ratio Lower Upper
99 100
42 24.1 21.9 32.9
71 38.1 34.6 52.0

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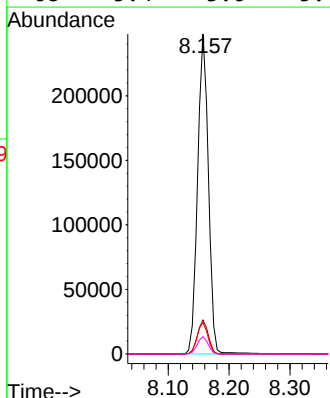
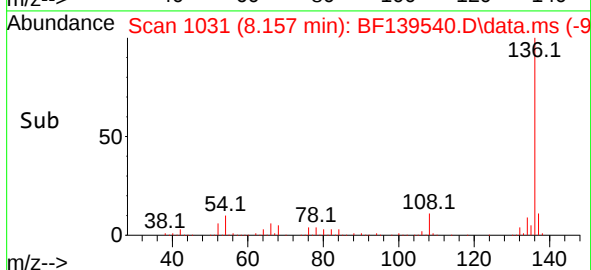
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43



Tgt Ion:136 Resp: 306632
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.8 7.8 11.8
68 5.4 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 10.407 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139540.D

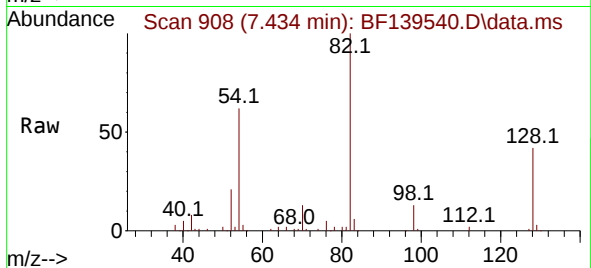
Acq: 25 Sep 2024 20:43

Instrument :

BNA_F

ClientSampleId :

SU-03-09242024



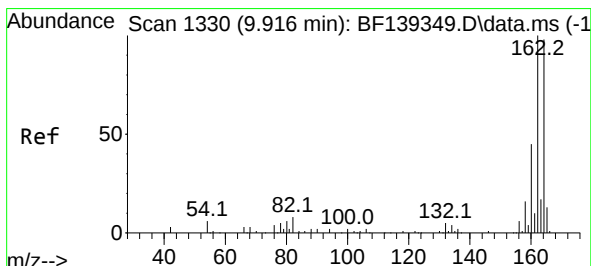
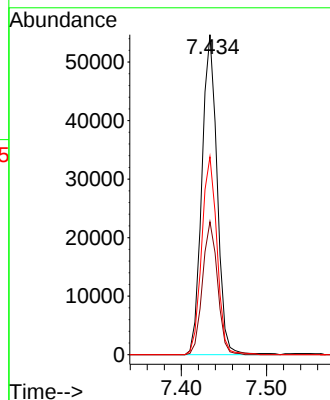
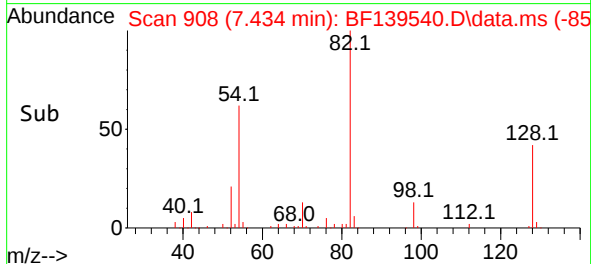
Tgt Ion: 82 Resp: 67878

Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.8	47.6
54	61.8	50.6	75.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

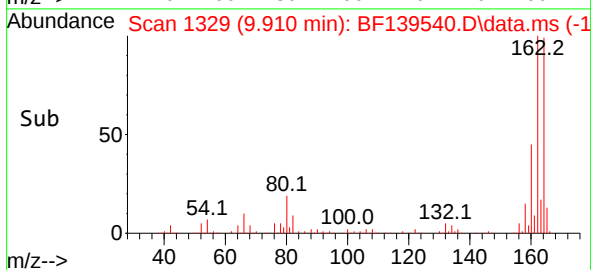
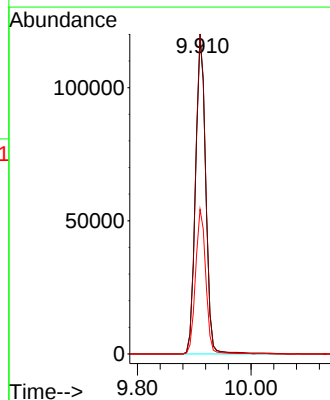
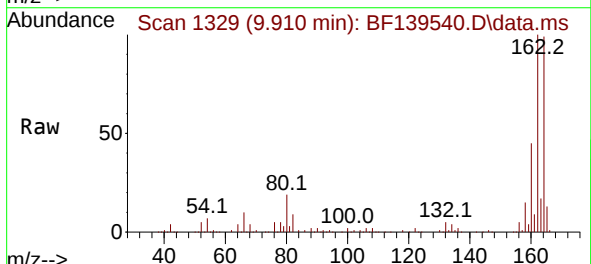
Delta R.T. -0.006 min

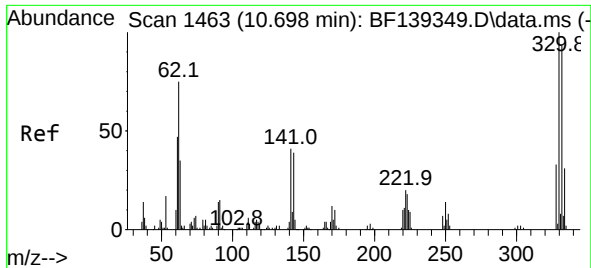
Lab File: BF139540.D

Acq: 25 Sep 2024 20:43

Tgt Ion:164 Resp: 149508

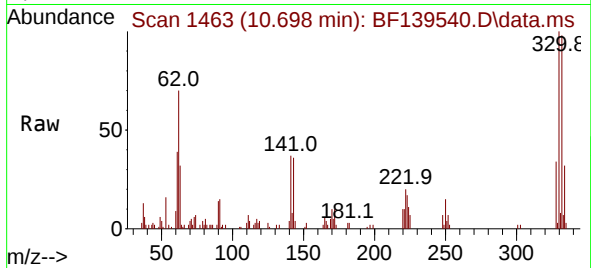
Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	45.8	36.4	54.6





#42
2,4,6-Tribromophenol
Concen: 11.557 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

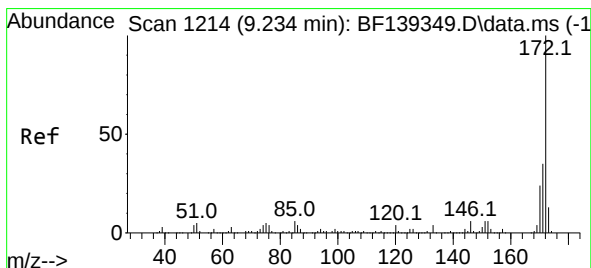
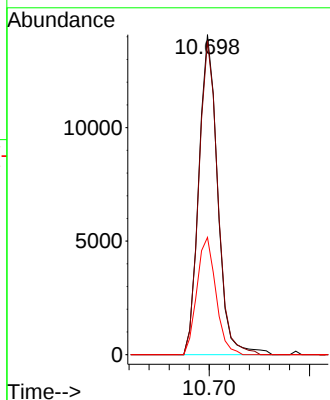
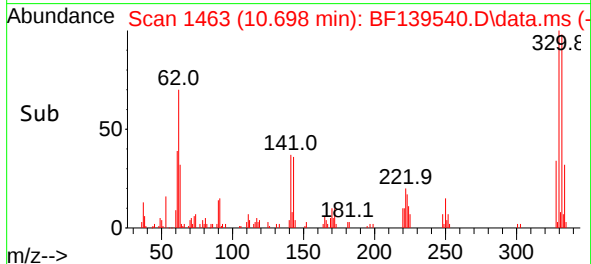
Instrument :
BNA_F
ClientSampleId :
SU-03-09242024



Tgt Ion: 330 Resp: 1839
Ion Ratio Lower Upper
330 100
332 98.3 75.2 112.8
141 37.0 31.2 46.8

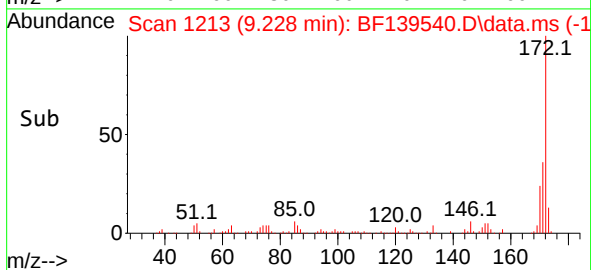
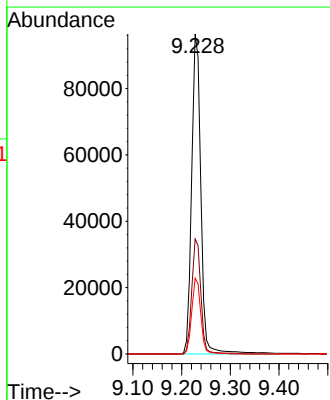
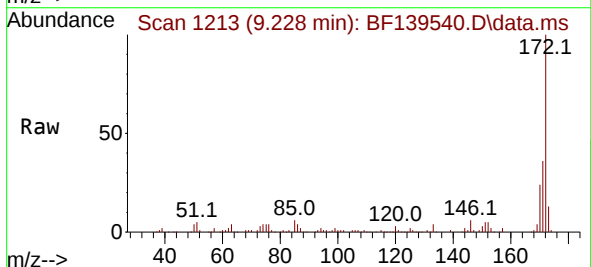
Manual Integrations
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Supervised By : mohammad ahmed 09/27/2024



#45
2-Fluorobiphenyl
Concen: 11.923 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

Tgt Ion: 172 Resp: 127103
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.6 19.0 28.6





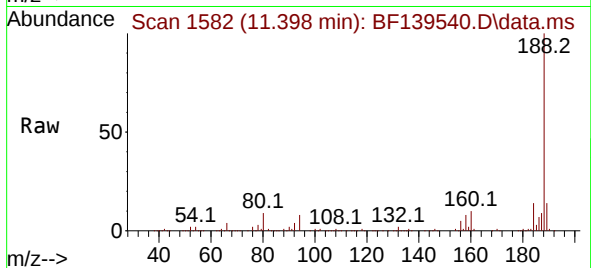
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

Instrument :

BNA_F

ClientSampleId :

SU-03-09242024

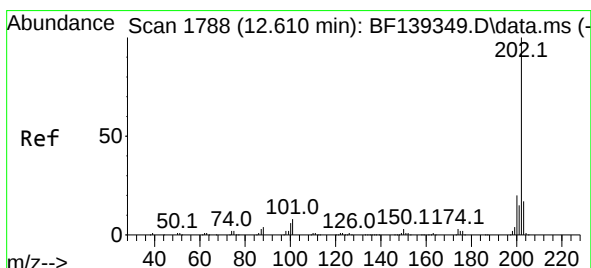
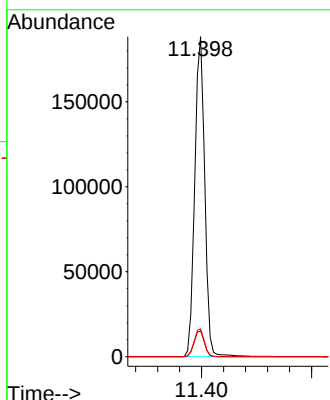
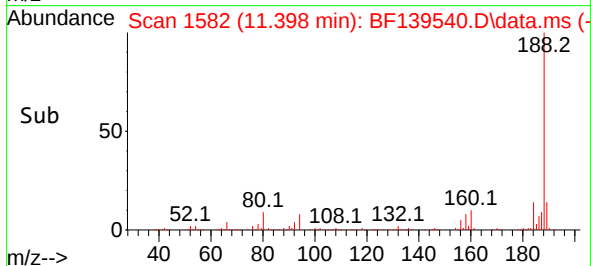


Tgt Ion:188 Resp: 237425
Ion Ratio Lower Upper
188 100
94 8.0 5.5 8.3
80 8.7 6.6 9.8

Manual Integrations

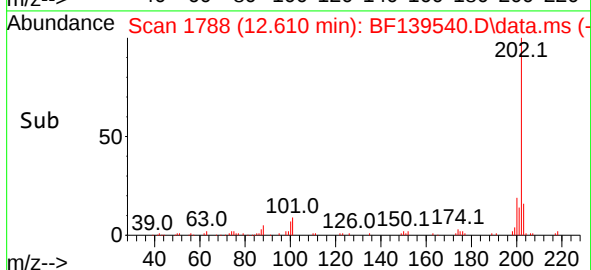
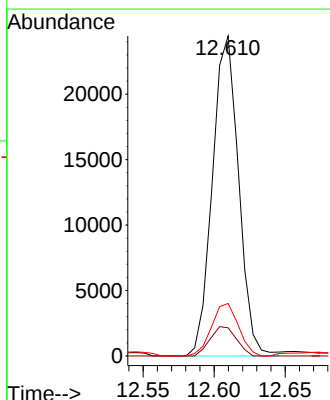
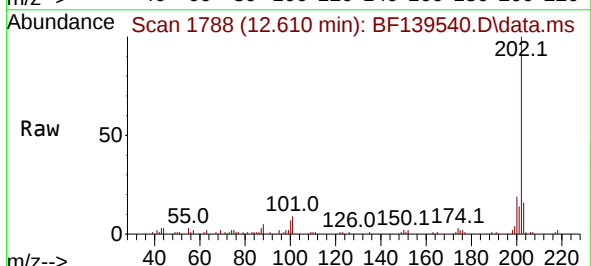
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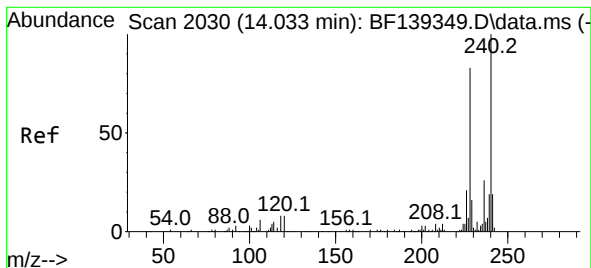
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#75
Fluoranthene
Concen: 2.569 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

Tgt Ion:202 Resp: 31421
Ion Ratio Lower Upper
202 100
101 8.8 0.0 27.7
203 16.4 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139540.D

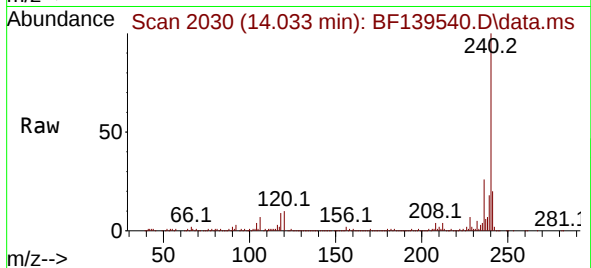
Acq: 25 Sep 2024 20:43

Instrument :

BNA_F

ClientSampleId :

SU-03-09242024



Tgt Ion:240 Resp: 154518

Ion Ratio Lower Upper

240 100

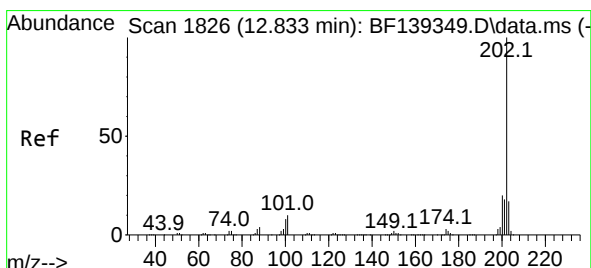
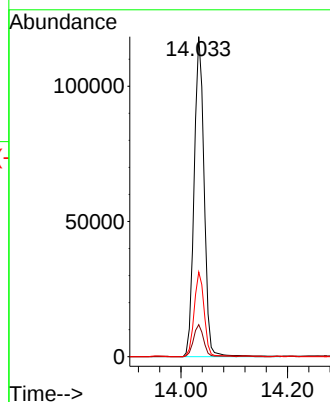
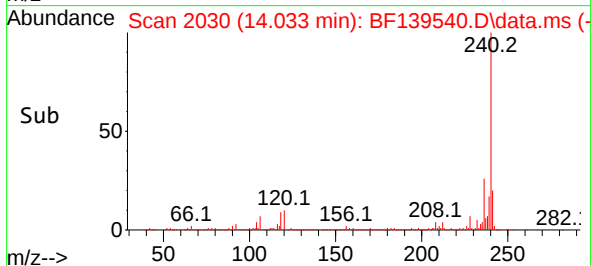
120 10.0 6.2 9.2

236 26.5 20.9 31.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#78

Pyrene

Concen: 2.478 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139540.D

Acq: 25 Sep 2024 20:43

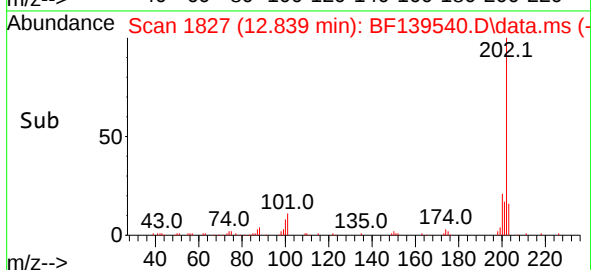
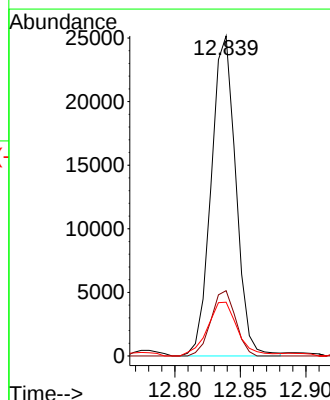
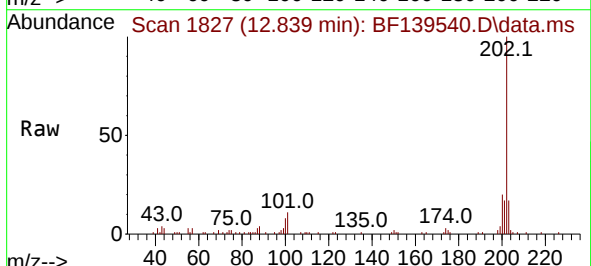
Tgt Ion:202 Resp: 32878

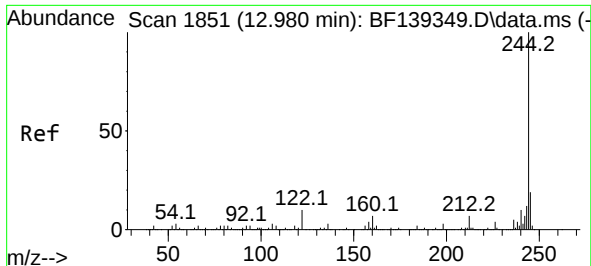
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

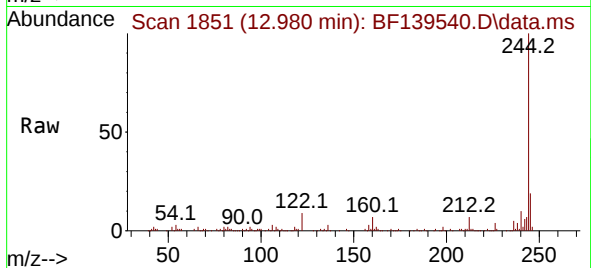
203 16.8 13.9 20.9





#79
 Terphenyl-d14
 Concen: 10.885 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139540.D
 Acq: 25 Sep 2024 20:43

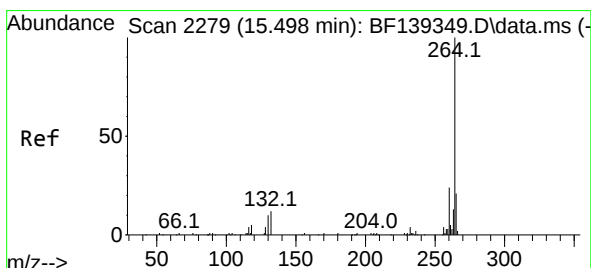
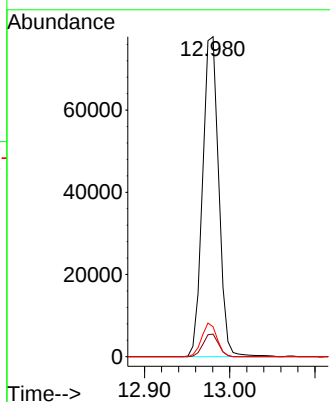
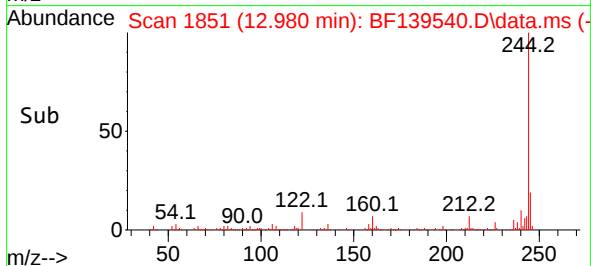
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-09242024



Tgt Ion:244 Resp: 10246
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.4 7.6 11.4

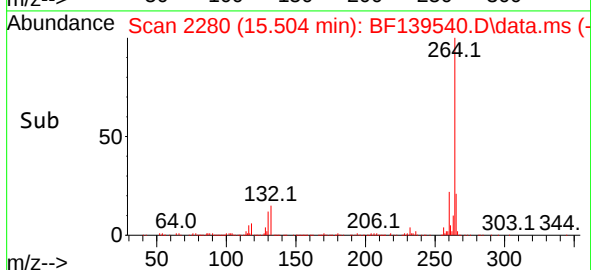
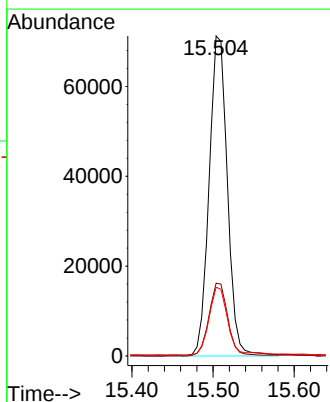
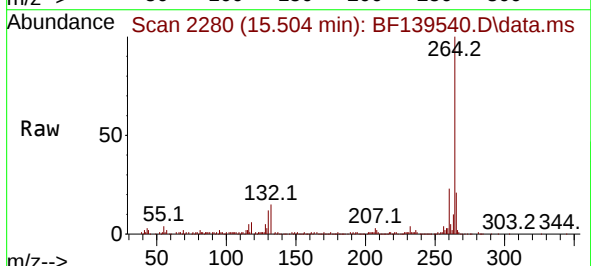
Manual Integrations
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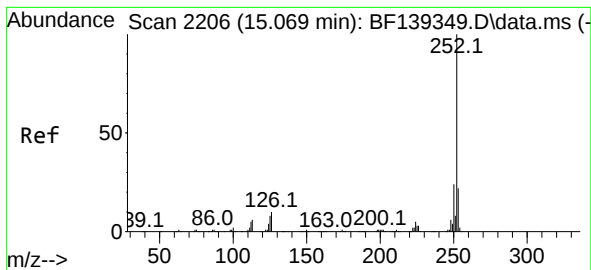
Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF139540.D
 Acq: 25 Sep 2024 20:43

Tgt Ion:264 Resp: 111479
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.5 16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 2.204 ng m

RT: 15.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139540.D

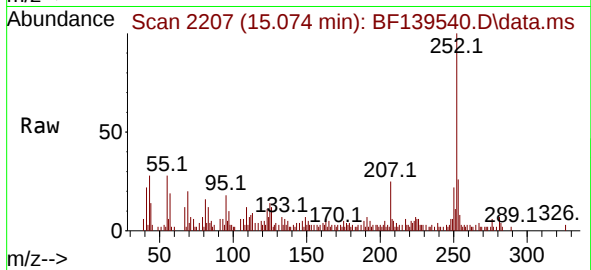
Acq: 25 Sep 2024 20:43

Instrument :

BNA_F

ClientSampleId :

SU-03-09242024



Tgt Ion:252 Resp: 15150

Ion Ratio Lower Upper

252 100

253 25.6 17.6 26.4

125 14.4 6.2 9.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/26/2024

Supervised By :mohammad ahmed 09/27/2024

