

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139047.D
 Acq On : 16 Aug 2024 03:50
 Operator : RC/JU
 Sample : P3526-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 16 04:34:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	44277	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	167993	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	74744	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	104496	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	79886	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	60480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	221792	77.324	ng	0.00
7) Phenol-d6	6.481	99	300254	77.967	ng	0.00
23) Nitrobenzene-d5	7.398	82	198806	57.859	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	37544	61.321	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	280540	56.394	ng	-0.02
79) Terphenyl-d14	12.933	244	234643	49.177	ng	-0.01
Target Compounds						
75) Fluoranthene	12.568	202	17843	3.552	ng	99
78) Pyrene	12.798	202	17002	2.260	ng	98
88) Benzo(b)fluoranthene	15.045	252	7564m	2.018	ng	

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

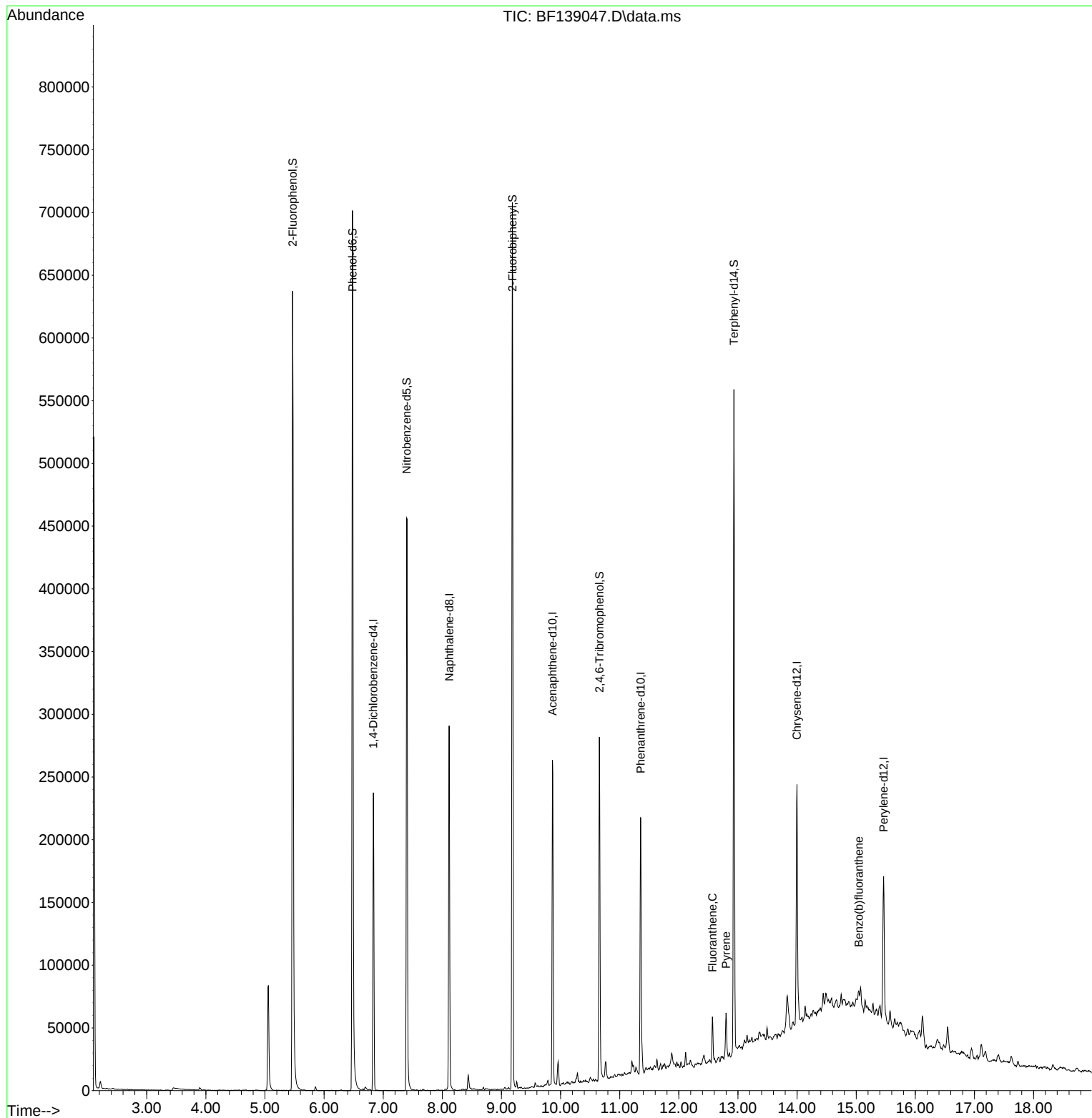
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
Data File : BF139047.D
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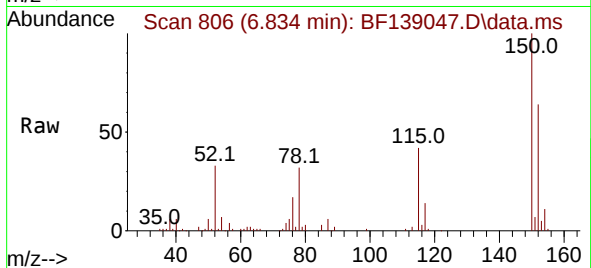
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

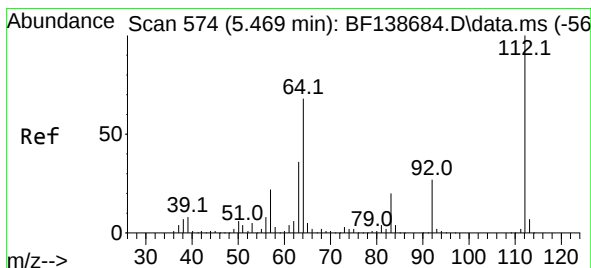
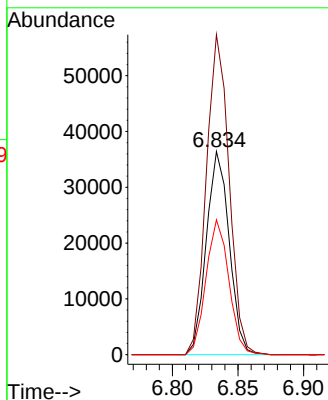
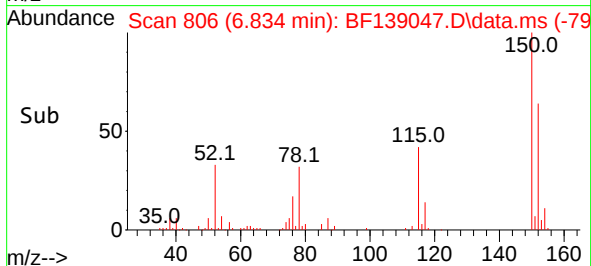
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP



Tgt Ion:152 Resp: 4427
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 66.4 51.7 77.5

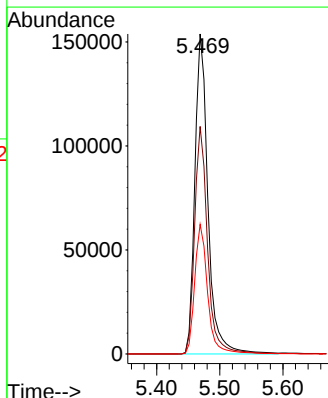
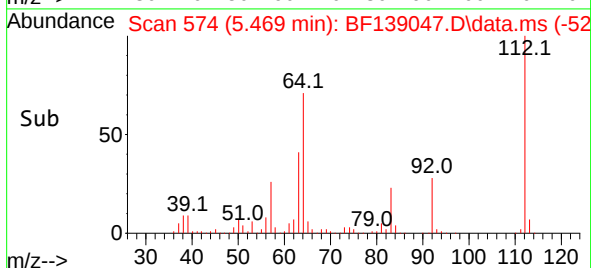
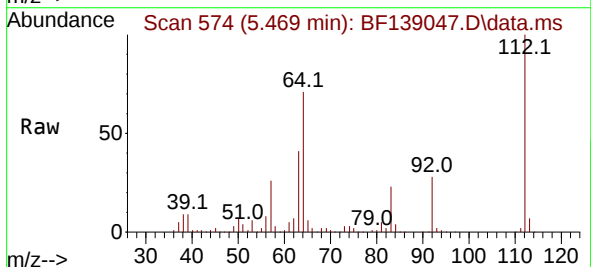
Manual Integrations
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#5
2-Fluorophenol
Concen: 77.324 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

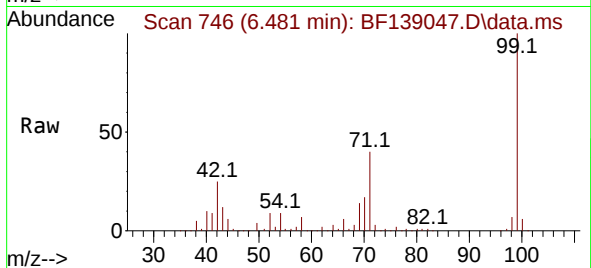
Tgt Ion:112 Resp: 221792
Ion Ratio Lower Upper
112 100
64 71.1 54.2 81.4
63 40.5 28.7 43.1





#7
Phenol-d6
Concen: 77.967 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

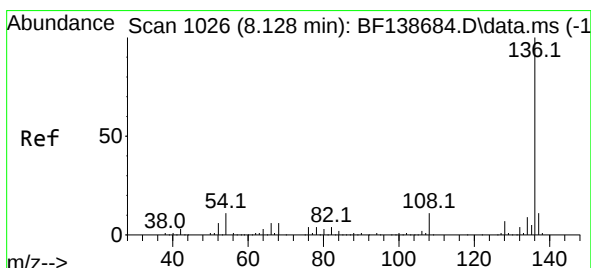
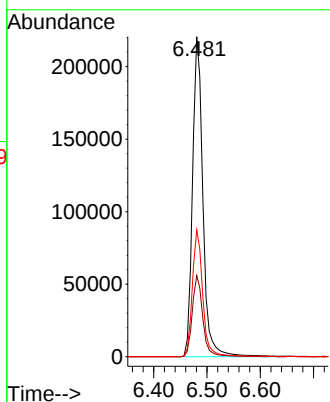
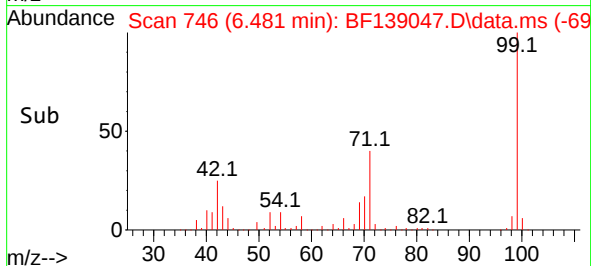
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP



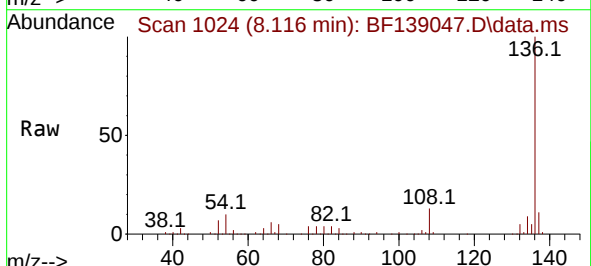
Tgt Ion: 99 Resp: 300254
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.6 28.1 42.1

Manual Integrations
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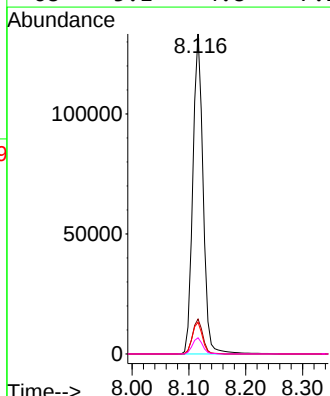
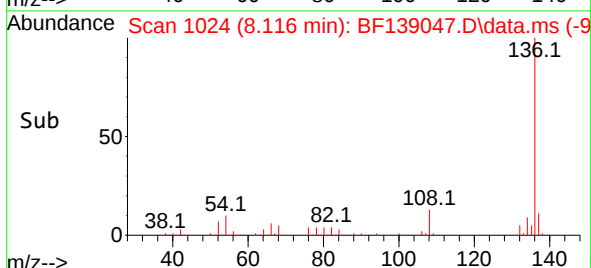
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

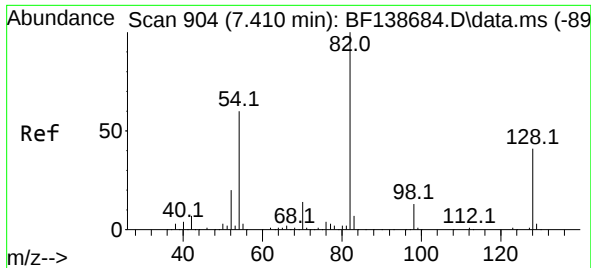


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50



Tgt Ion:136 Resp: 167993
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.9 8.6 12.8
68 5.1 4.8 7.2





#23
Nitrobenzene-d5
Concen: 57.859 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

Instrument :

BNA_F

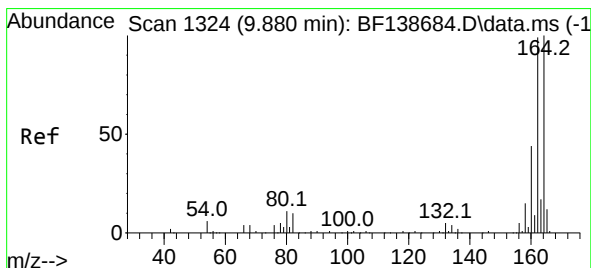
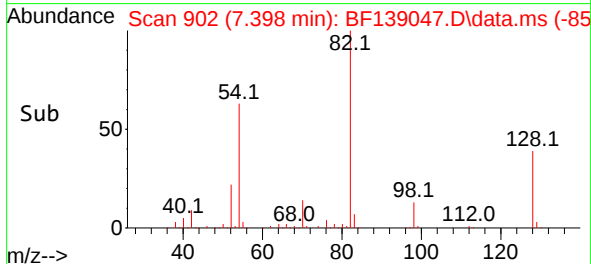
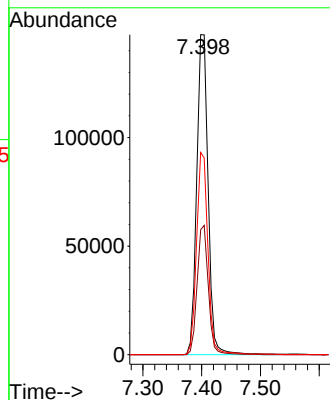
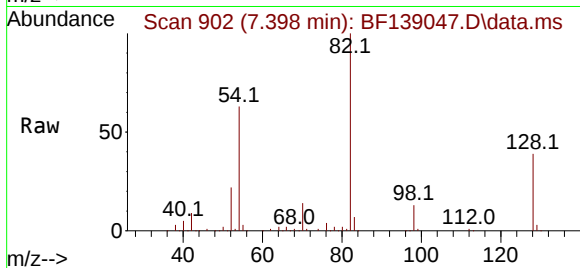
ClientSampleId :

SP-1-COMP

Tgt Ion: 82 Resp: 198800
Ion Ratio Lower Upper
82 100
128 39.0 32.8 49.2
54 63.2 48.3 72.5

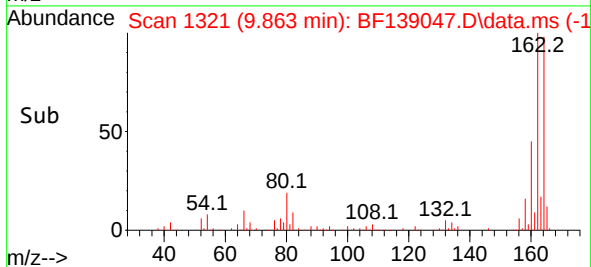
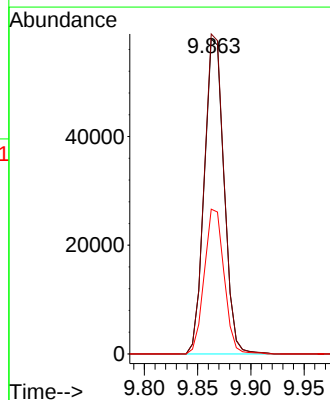
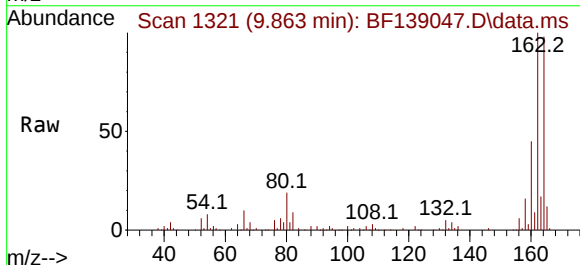
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

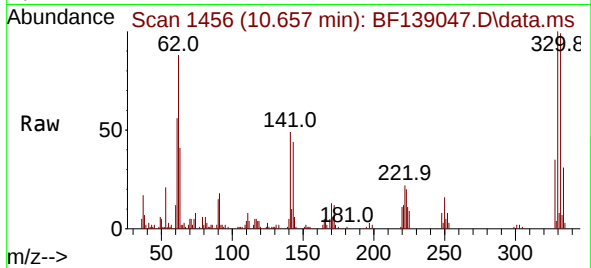
Tgt Ion:164 Resp: 74744
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.0
160 46.0 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 61.321 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

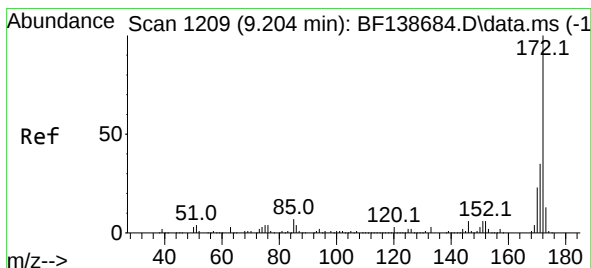
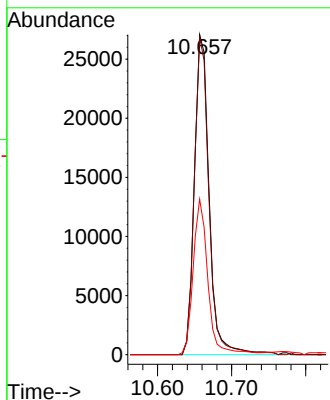
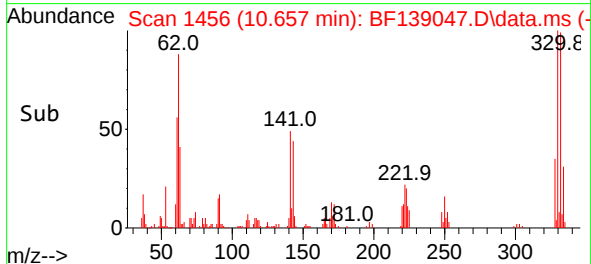
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP



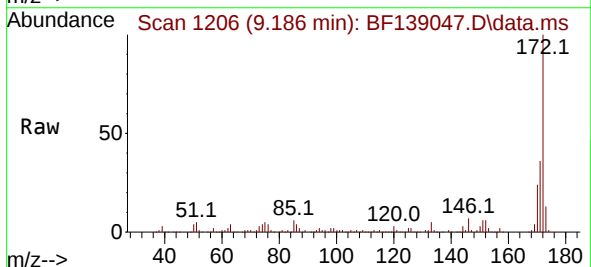
Tgt Ion: 330 Resp: 37544
Ion Ratio Lower Upper
330 100
332 98.0 76.4 114.6
141 48.5 31.1 46.7

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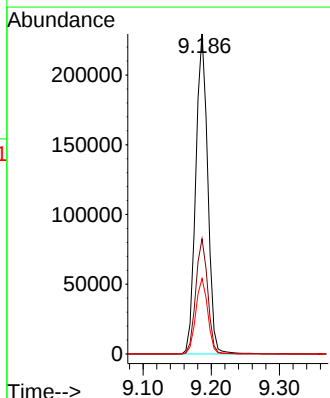
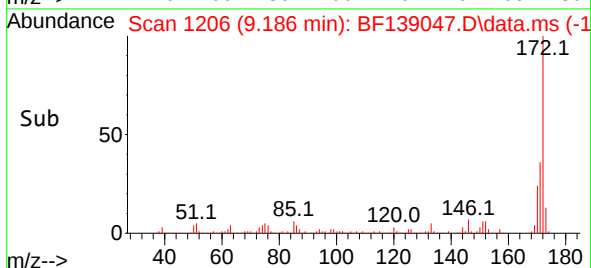
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#45
2-Fluorobiphenyl
Concen: 56.394 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50



Tgt Ion: 172 Resp: 280540
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11357

Delta R.T. -0.012 min

Lab File: BF139047.D

Acq: 16 Aug 2024 03:50

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

Tgt Ion:188 Resp: 104490

Ion Ratio Lower Upper

188 100

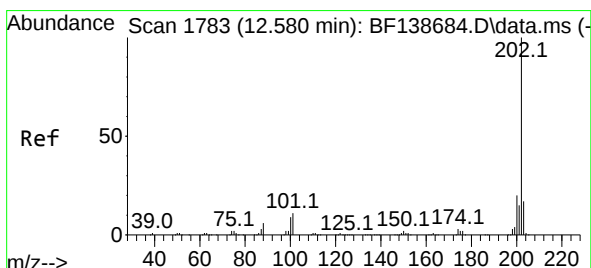
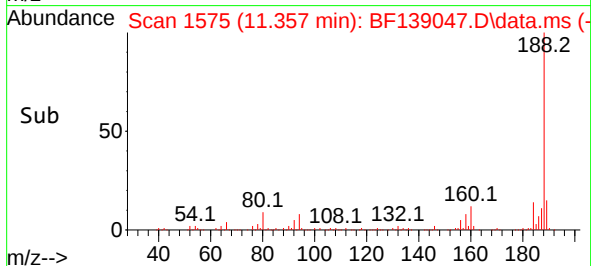
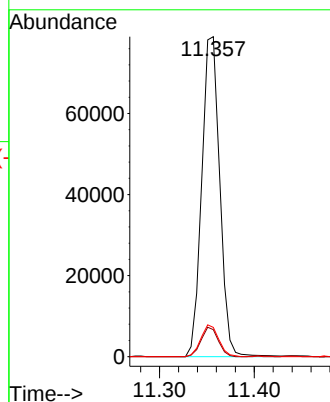
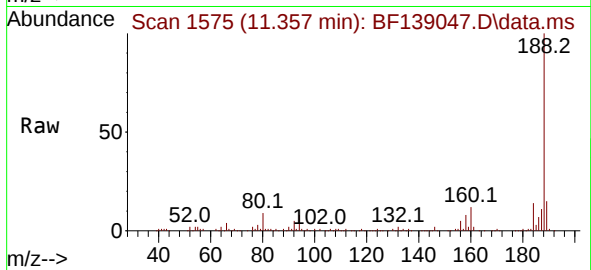
94 8.5 7.6 11.4

80 9.2 8.6 12.8

Manual Integrations

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#75

Fluoranthene

Concen: 3.552 ng

RT: 12.568 min Scan# 1781

Delta R.T. -0.012 min

Lab File: BF139047.D

Acq: 16 Aug 2024 03:50

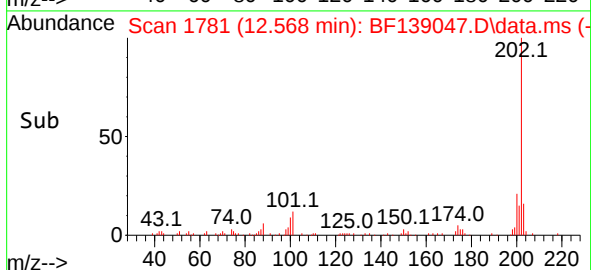
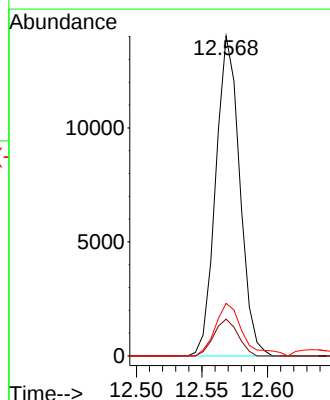
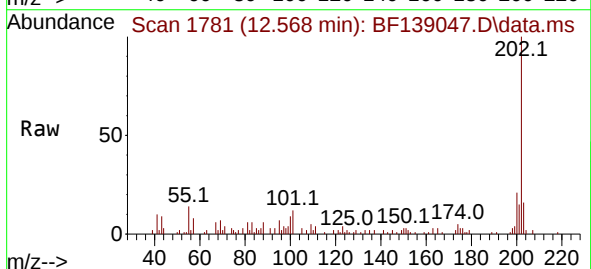
Tgt Ion:202 Resp: 17843

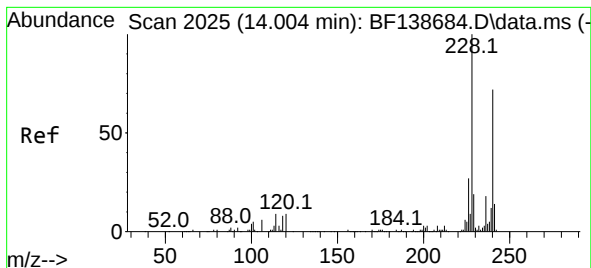
Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.2

203 16.5 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139047.D

Acq: 16 Aug 2024 03:50

Instrument :

BNA_F

ClientSampleId :

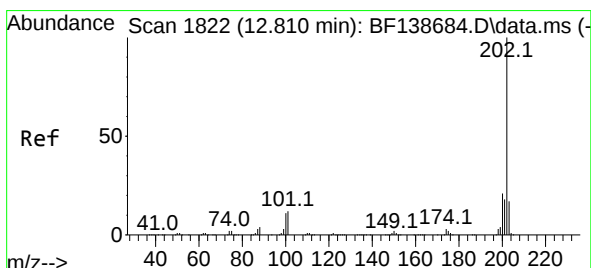
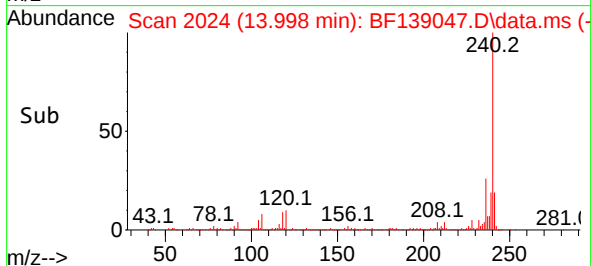
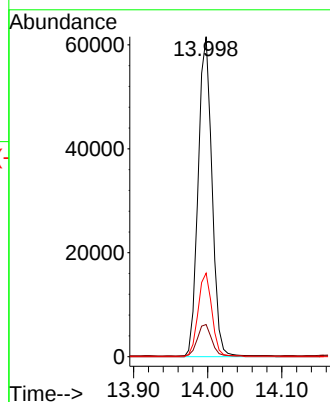
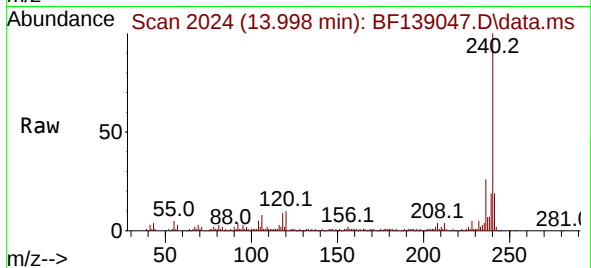
SP-1-COMP

Tgt Ion:240	Resp:	7988
Ion Ratio	Lower	Upper
240	100	
120	10.1	10.2 15.4
236	26.1	19.8 29.8

Manual Integrations

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Supervised By :mohammad ahmed 08/17/2024



#78

Pyrene

Concen: 2.260 ng

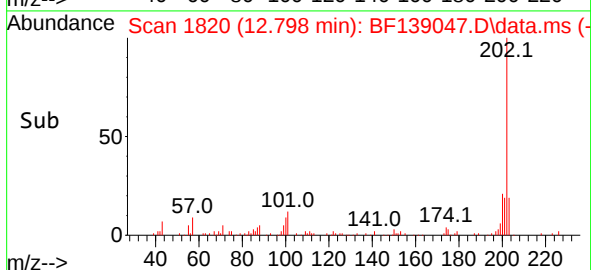
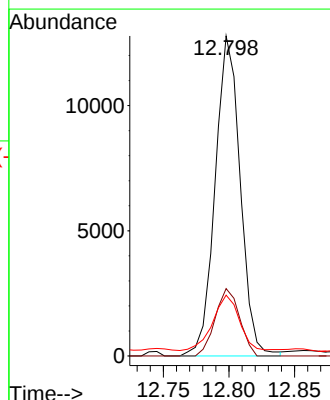
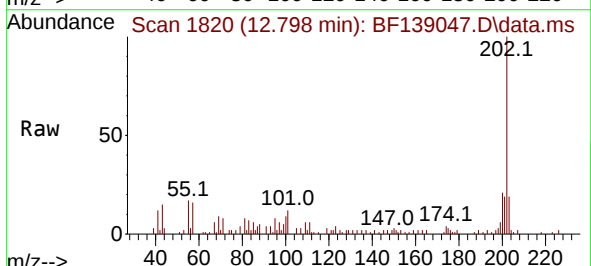
RT: 12.798 min Scan# 1820

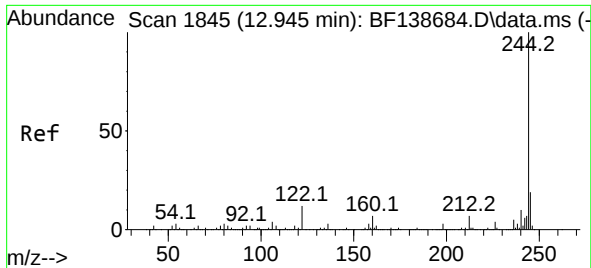
Delta R.T. -0.012 min

Lab File: BF139047.D

Acq: 16 Aug 2024 03:50

Tgt Ion:202	Resp:	17002
Ion Ratio	Lower	Upper
202	100	
200	21.0	16.8 25.2
203	19.0	13.8 20.6





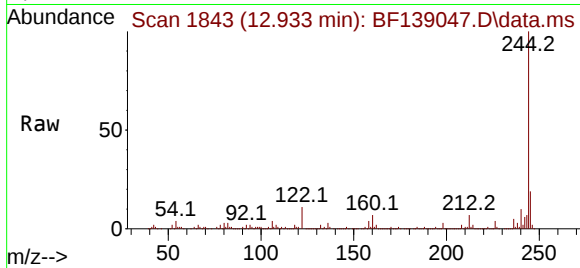
#79
 Terphenyl-d14
 Concen: 49.177 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF139047.D
 Acq: 16 Aug 2024 03:50

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

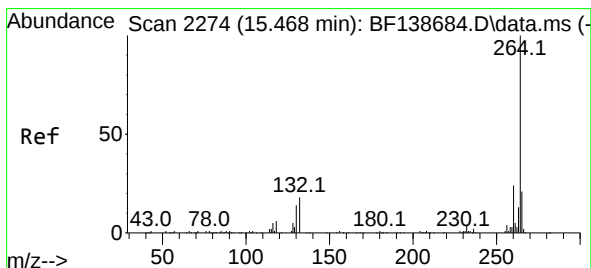
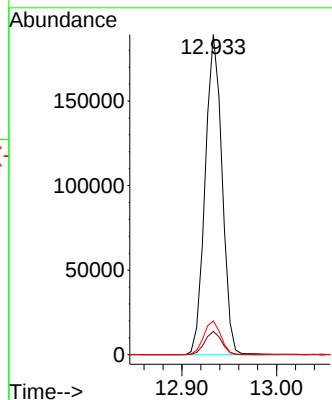
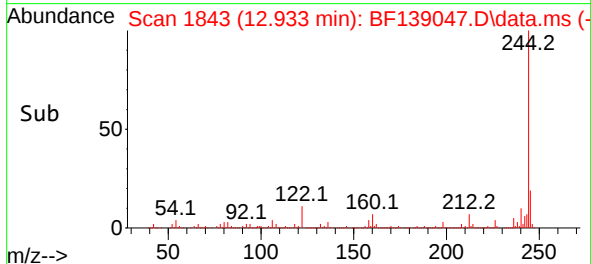


Tgt Ion:244 Resp: 23464
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.6 9.6 14.4

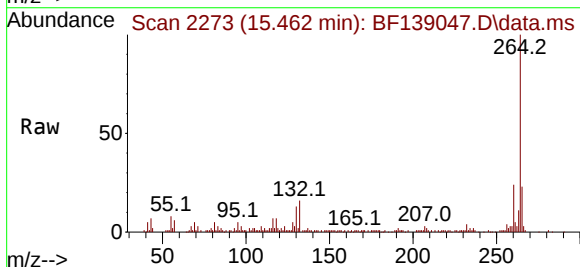
Manual Integrations

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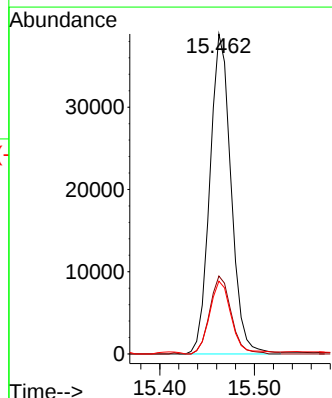
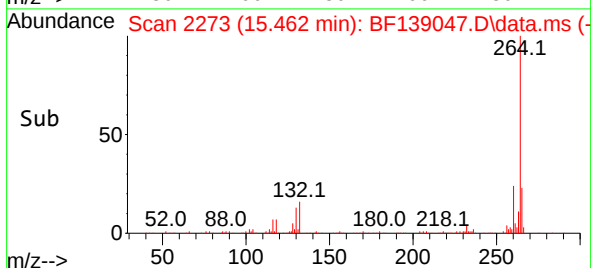
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

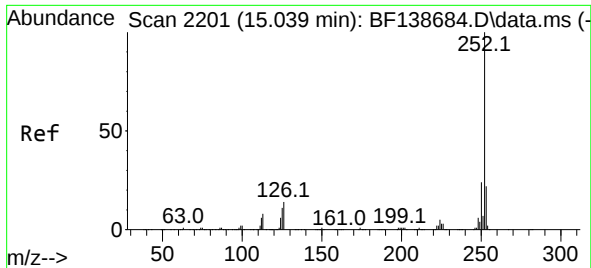


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139047.D
 Acq: 16 Aug 2024 03:50



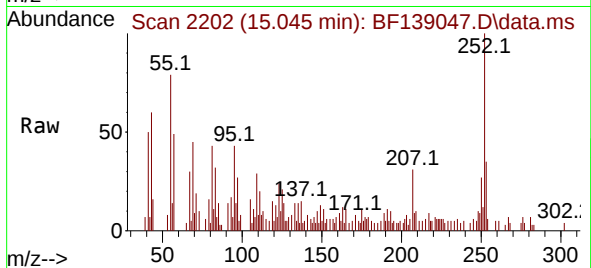
Tgt Ion:264 Resp: 60480
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 22.7 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 2.018 ng m
RT: 15.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP



Tgt Ion:252 Resp: 7564
Ion Ratio Lower Upper
252 100
253 35.0 17.5 26.3
125 21.4 8.9 13.3

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