

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139525.D
 Acq On : 24 Sep 2024 17:35
 Operator : RC/JU
 Sample : P4149-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 24 18:01:39 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	49463	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	189904	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	109185	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	214558	20.000	ng	0.00
76) Chrysene-d12	14.033	240	134471	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	119247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	256655	84.648	ng	0.00
7) Phenol-d6	6.498	99	342032	85.943	ng	0.00
23) Nitrobenzene-d5	7.433	82	218986	54.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	77968	67.075	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	410512	52.732	ng	0.00
79) Terphenyl-d14	12.980	244	425668	51.958	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.421	178	66775	6.451	ng	100
75) Fluoranthene	12.610	202	104017	9.409	ng	98
78) Pyrene	12.839	202	94860	8.216	ng	99
81) Benzo(a)anthracene	14.021	228	48724	5.470	ng	99
83) Chrysene	14.057	228	44550	5.436	ng	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	18380	2.592	ng	96
88) Benzo(b)fluoranthene	15.074	252	55167m	7.501	ng	
89) Benzo(k)fluoranthene	15.092	252	18766m	2.767	ng	
90) Benzo(a)pyrene	15.439	252	35468	5.815	ng	# 98
92) Benzo(g,h,i)perylene	17.421	276	17308	2.983	ng	95

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

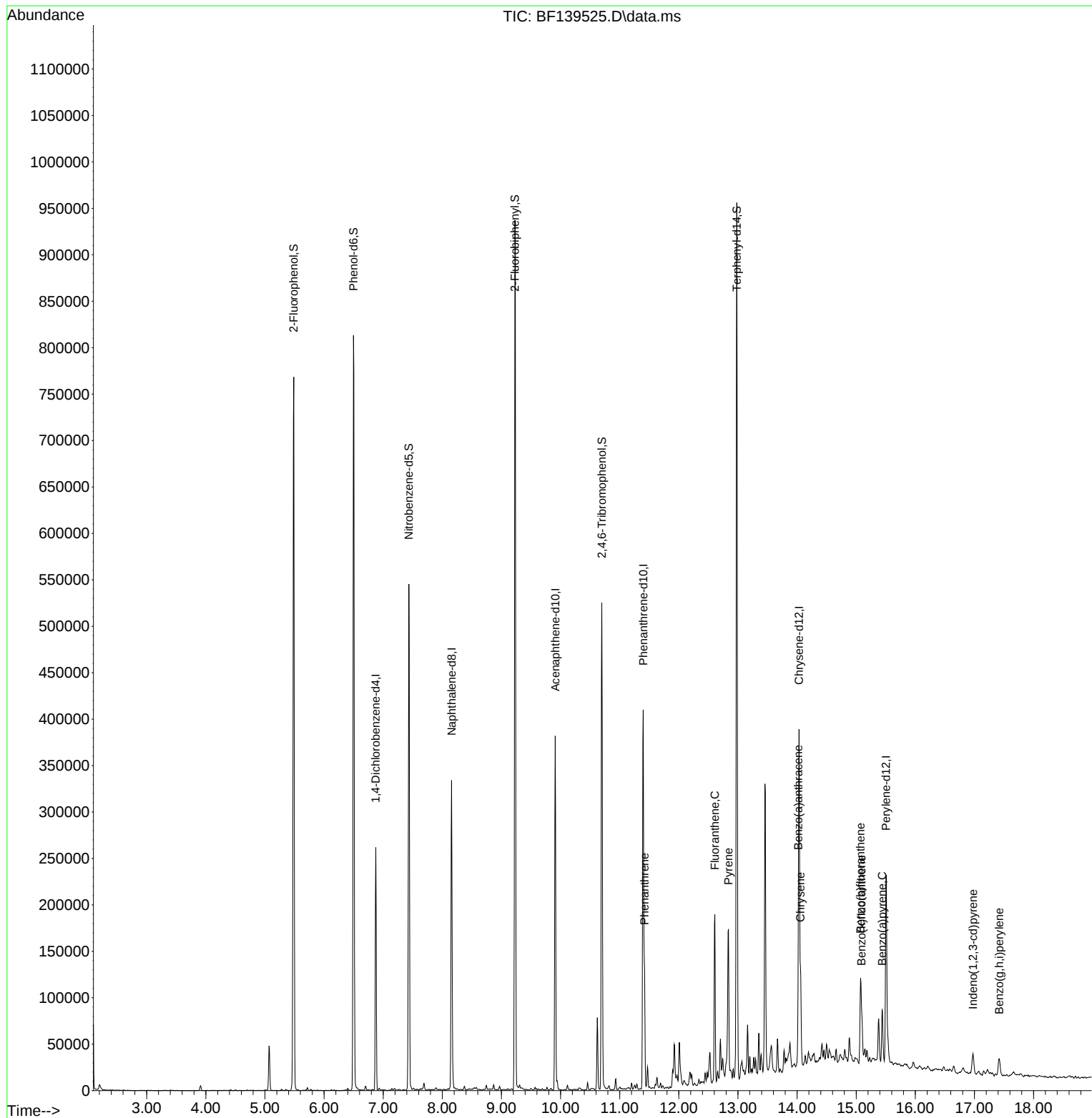
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
Data File : BF139525.D
Acq On : 24 Sep 2024 17:35
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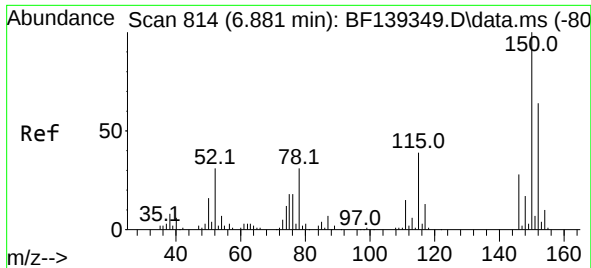
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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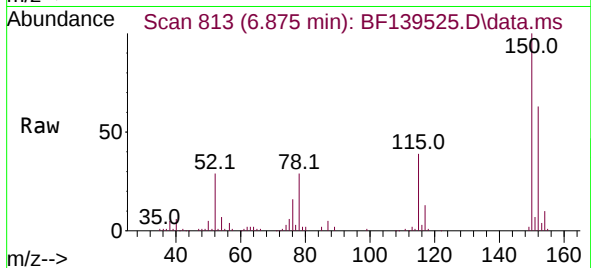
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

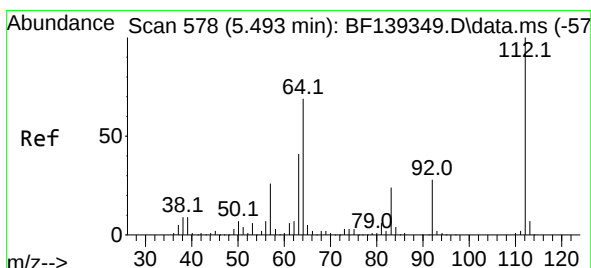
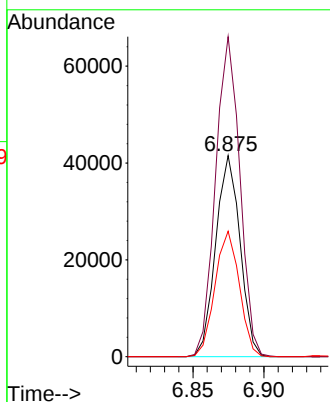
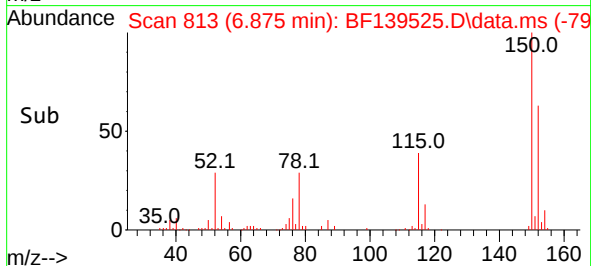
Instrument :
BNA_F
ClientSampleId :
COMP-7



Tgt Ion:152 Resp: 4946
Ion Ratio Lower Upper
152 100
150 159.1 124.1 186.1
115 62.4 48.1 72.1

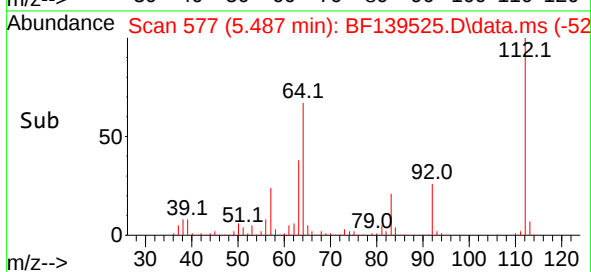
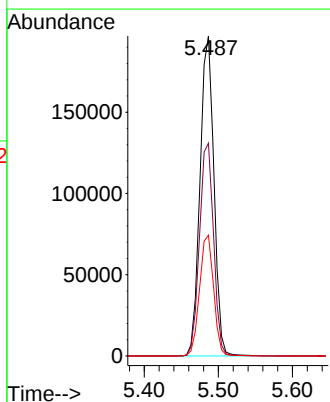
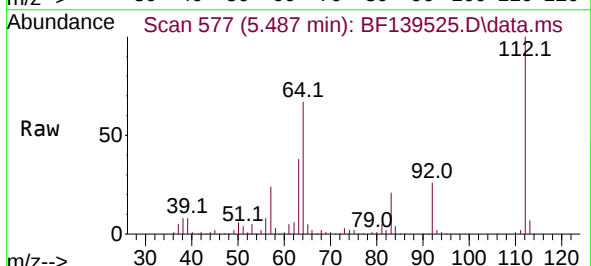
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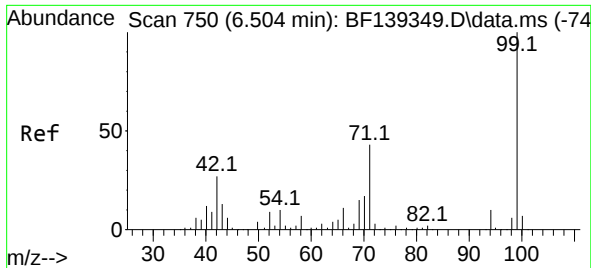
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#5
2-Fluorophenol
Concen: 84.648 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

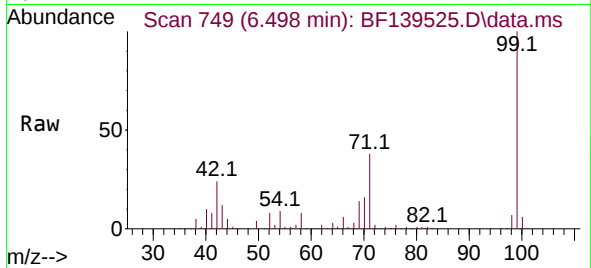
Tgt Ion:112 Resp: 256655
Ion Ratio Lower Upper
112 100
64 66.5 54.8 82.2
63 37.7 33.0 49.4





#7
Phenol-d6
Concen: 85.943 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

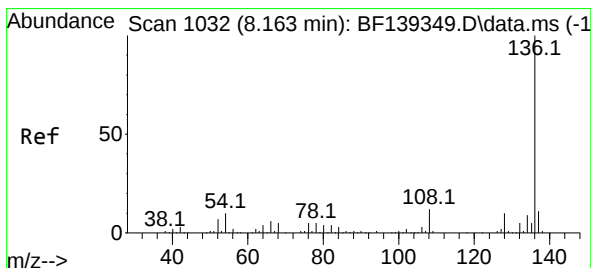
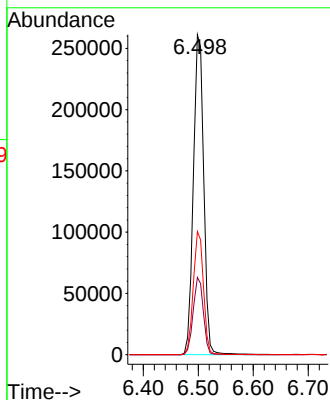
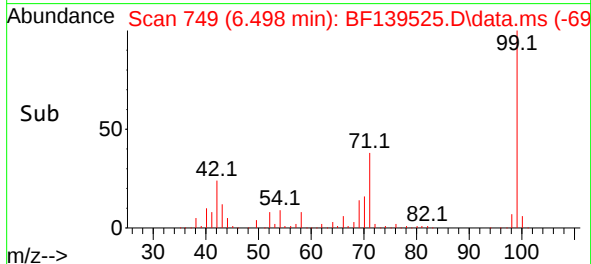
Instrument :
BNA_F
ClientSampleId :
COMP-7



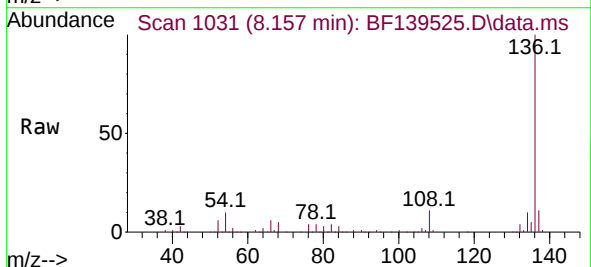
Tgt Ion: 99 Resp: 34203
Ion Ratio Lower Upper
99 100
42 24.2 21.9 32.9
71 38.5 34.6 52.0

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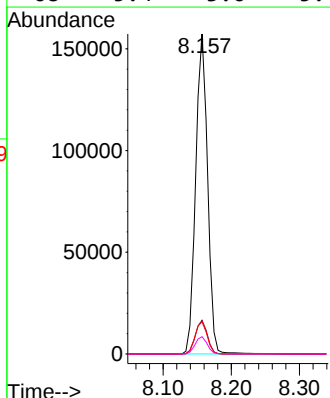
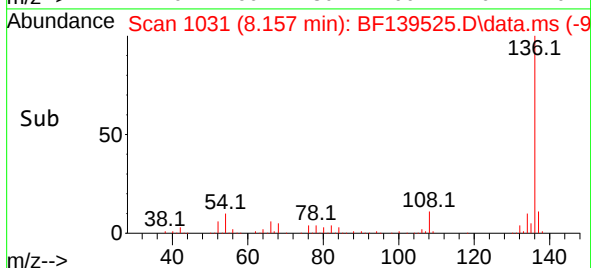
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Supervised By :mohammad ahmed 09/25/2024

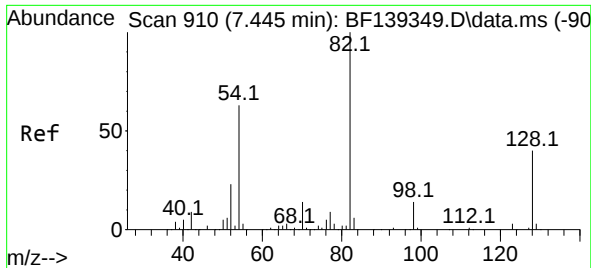


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35



Tgt Ion:136 Resp: 189904
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.1 7.8 11.8
68 5.4 3.6 5.4#





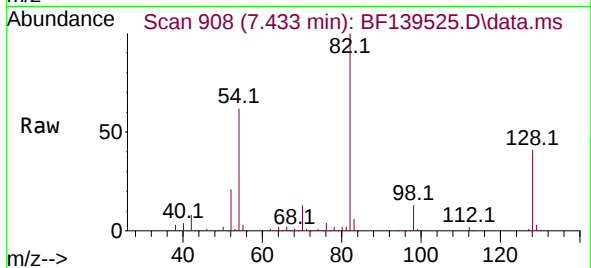
#23
Nitrobenzene-d5
Concen: 54.211 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

Instrument :

BNA_F

ClientSampleId :

COMP-7

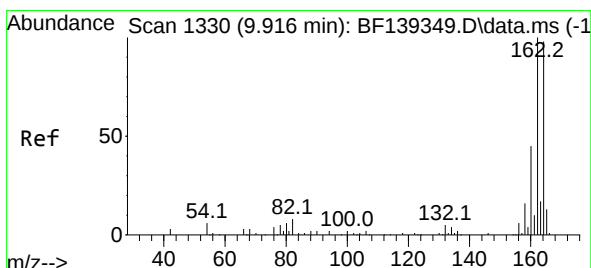
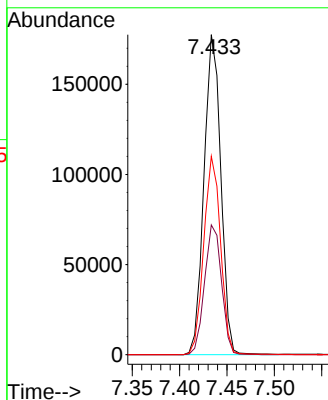
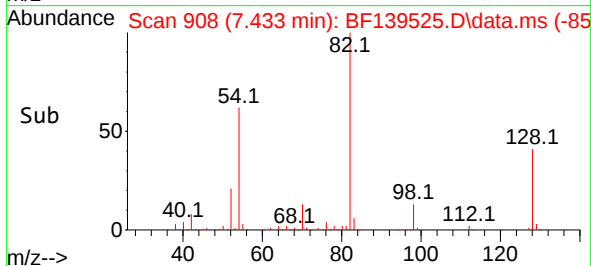


Tgt Ion: 82 Resp: 21898
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 62.0 50.6 75.8

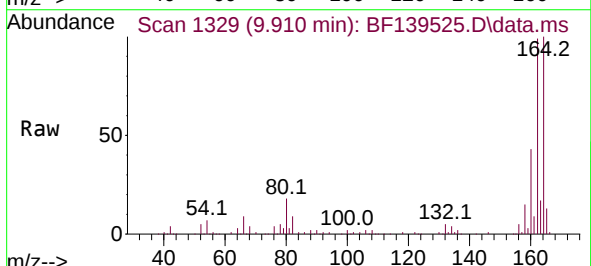
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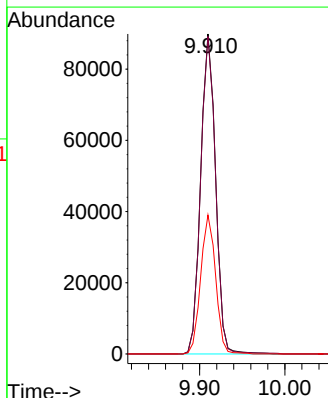
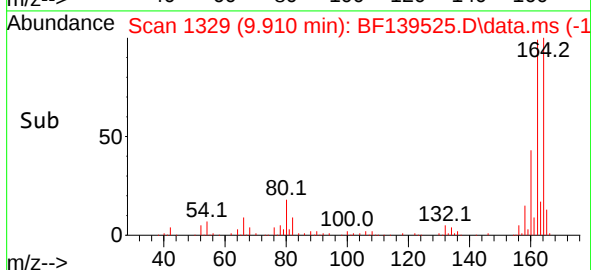
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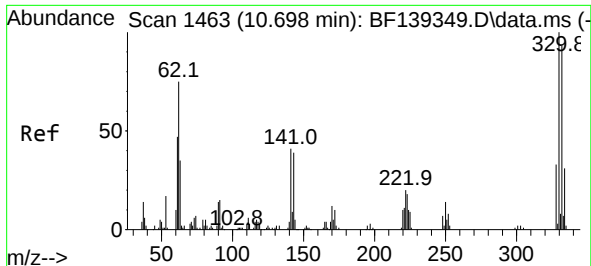


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35



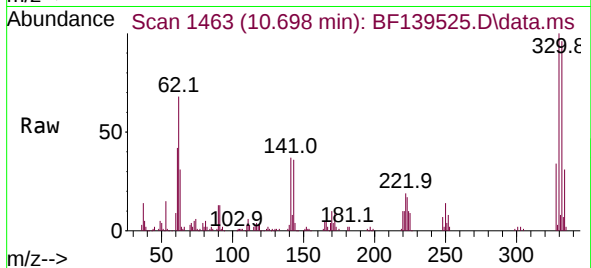
Tgt Ion:164 Resp: 109185
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 43.4 36.4 54.6





#42
2,4,6-Tribromophenol
Concen: 67.075 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

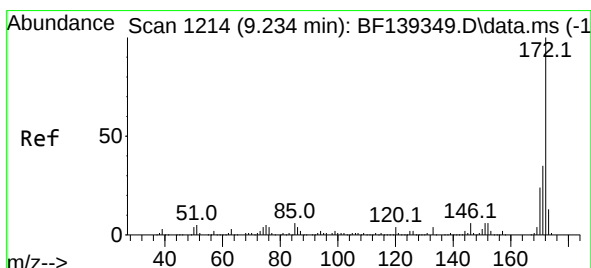
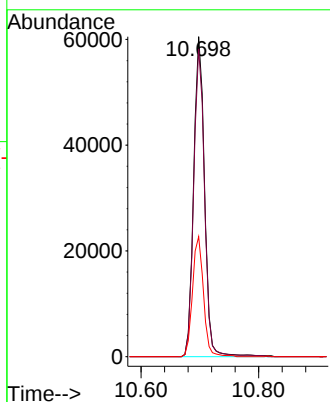
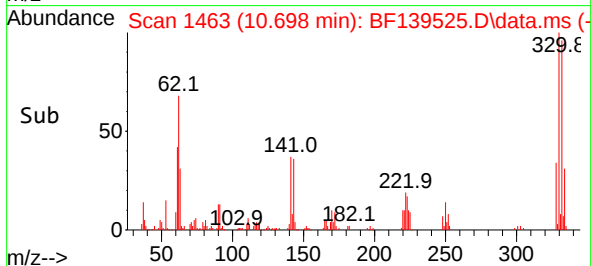
Instrument :
BNA_F
ClientSampleId :
COMP-7



Tgt Ion:330 Resp: 77968
Ion Ratio Lower Upper
330 100
332 96.0 75.2 112.8
141 37.7 31.2 46.8

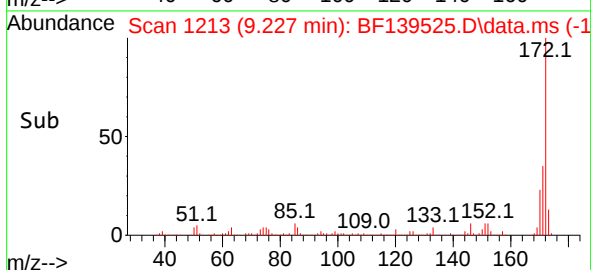
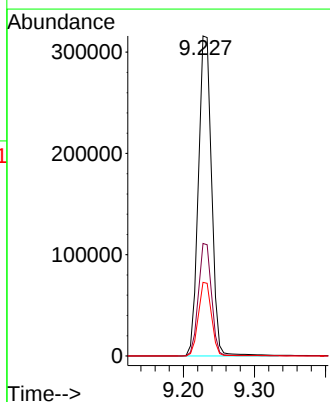
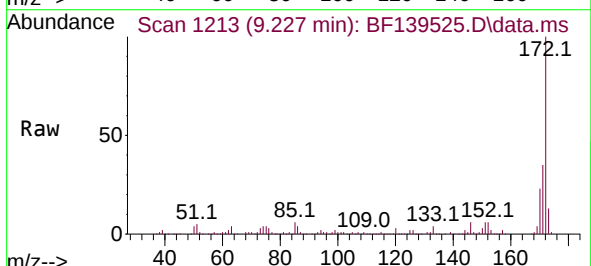
Manual Integrations
APPROVED

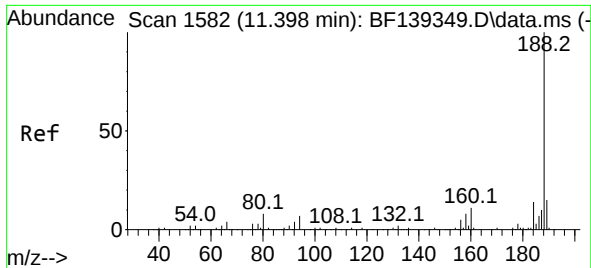
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#45
2-Fluorobiphenyl
Concen: 52.732 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

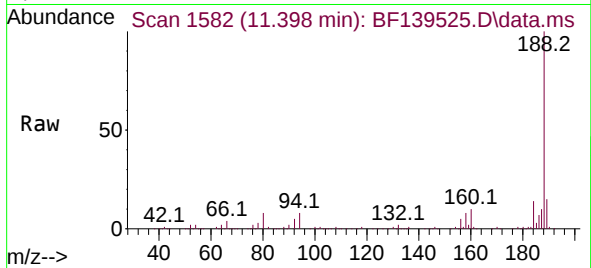
Tgt Ion:172 Resp: 410512
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.0 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

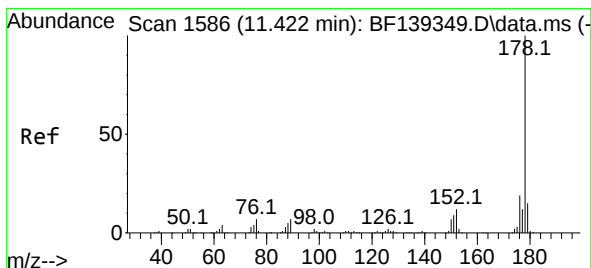
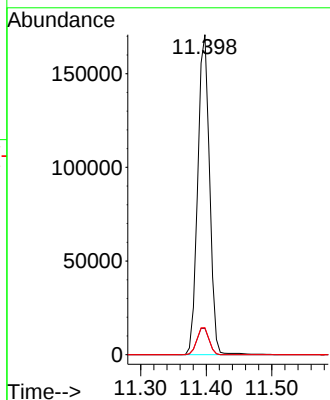
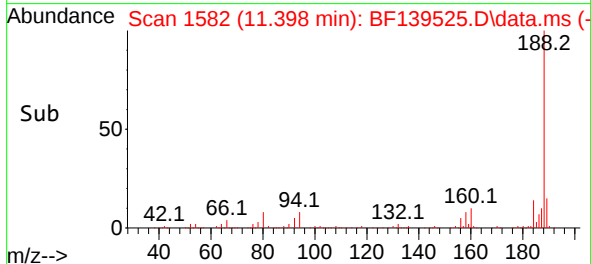
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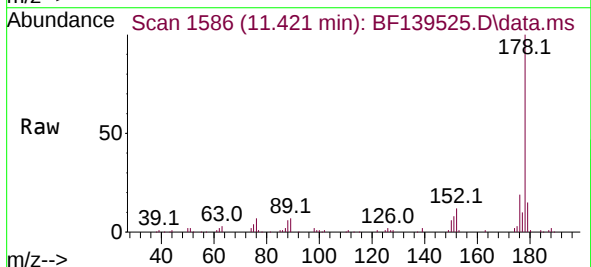
Tgt Ion:188 Resp: 214558
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 8.5 6.6 9.8

Manual Integrations
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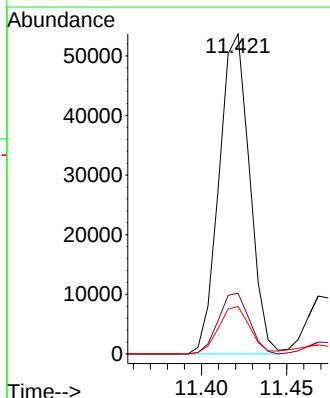
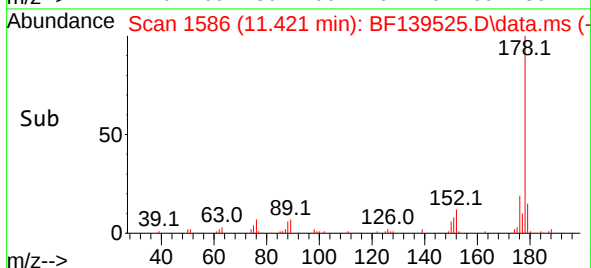
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

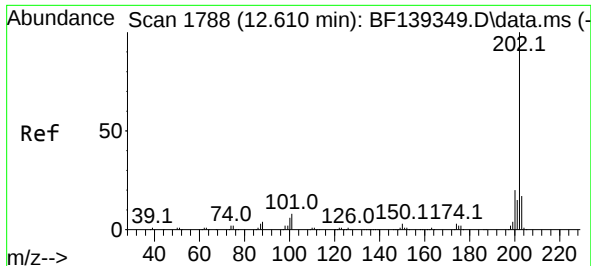


#71
Phenanthrene
Concen: 6.451 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35



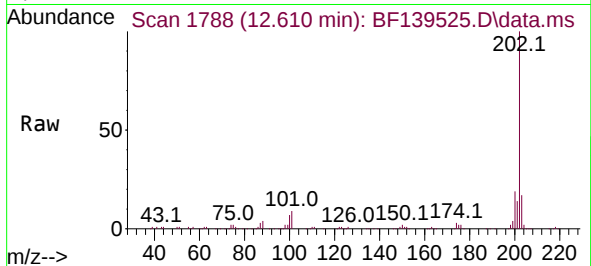
Tgt Ion:178 Resp: 66775
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 14.8 12.2 18.4





#75
Fluoranthene
Concen: 9.409 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

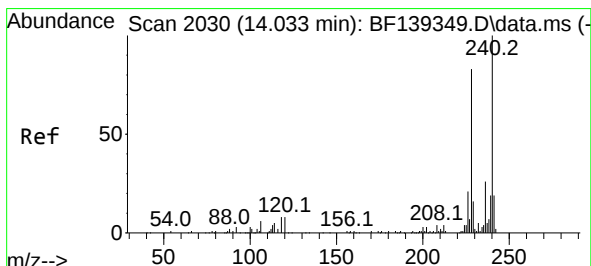
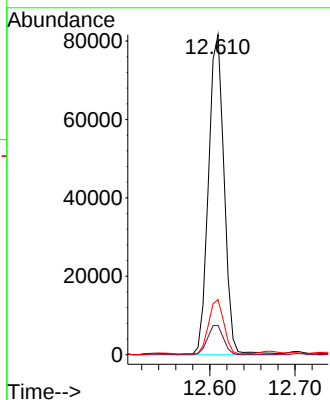
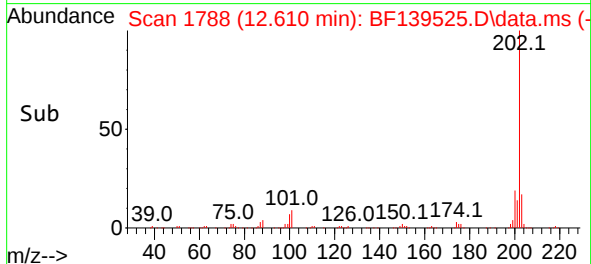
Instrument :
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COMP-7



Tgt Ion:202 Resp: 10401
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.7
203 17.2 0.0 37.4

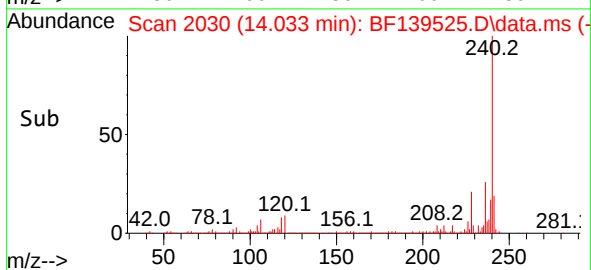
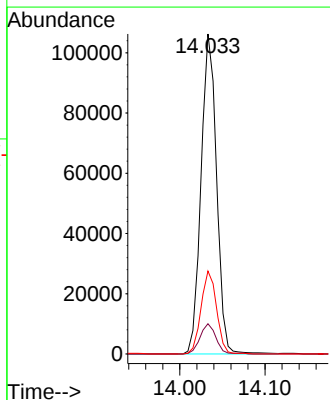
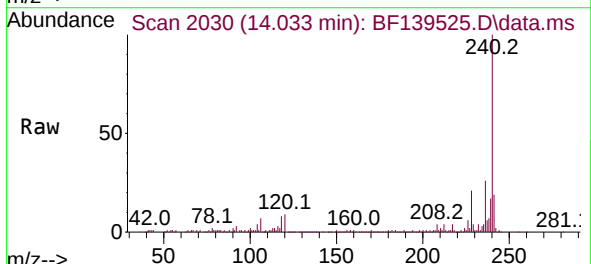
Manual Integrations
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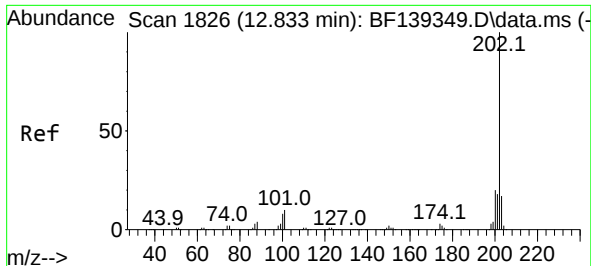
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

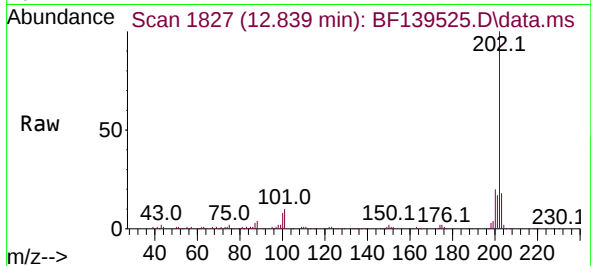
Tgt Ion:240 Resp: 134471
Ion Ratio Lower Upper
240 100
120 9.4 6.2 9.2#
236 25.9 20.9 31.3





#78
Pyrene
Concen: 8.216 ng
RT: 12.839 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

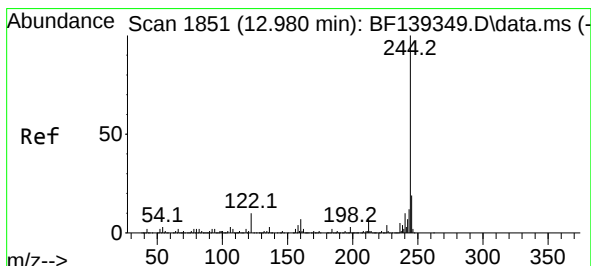
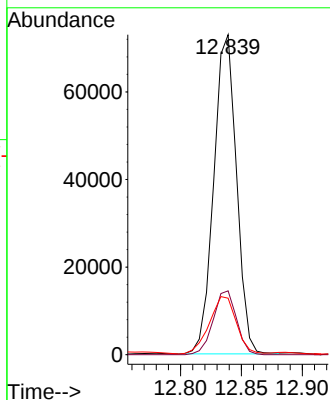
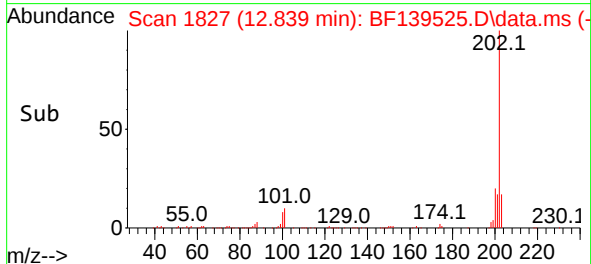
Instrument :
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Tgt Ion:202 Resp: 94860
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.6 13.9 20.9

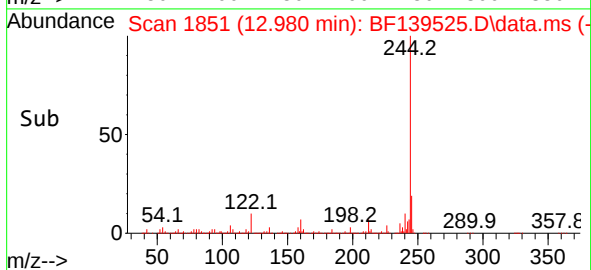
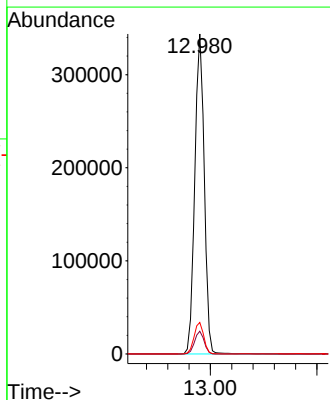
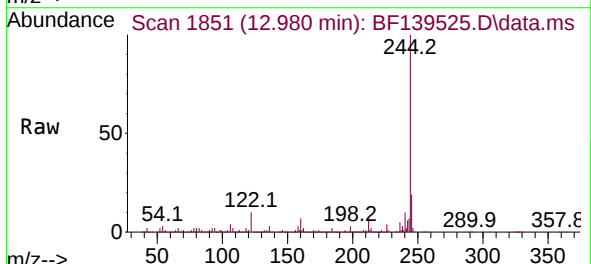
Manual Integrations
APPROVED

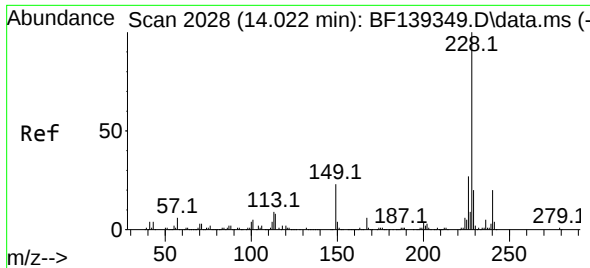
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#79
Terphenyl-d14
Concen: 51.958 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

Tgt Ion:244 Resp: 425668
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.8 7.6 11.4





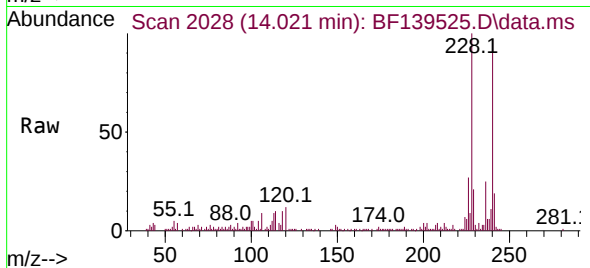
#81
Benzo(a)anthracene
Concen: 5.470 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

Instrument :

BNA_F

ClientSampleId :

COMP-7

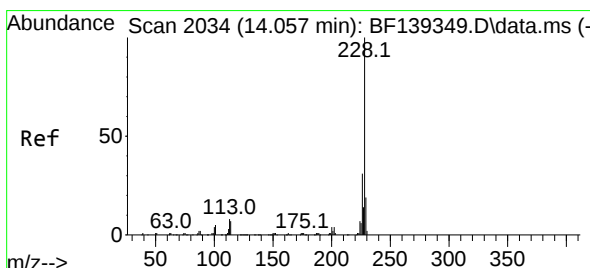
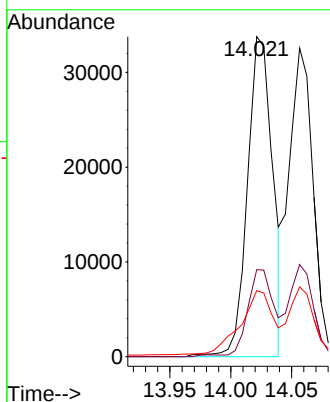
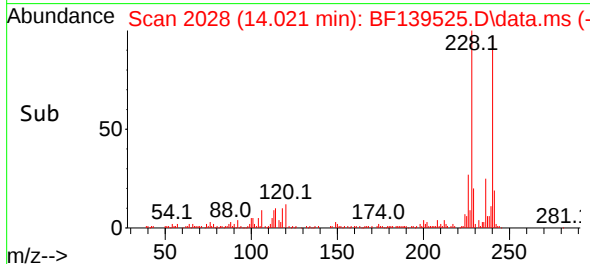


Tgt Ion:228 Resp: 48724
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 20.6 15.7 23.5

Manual Integrations

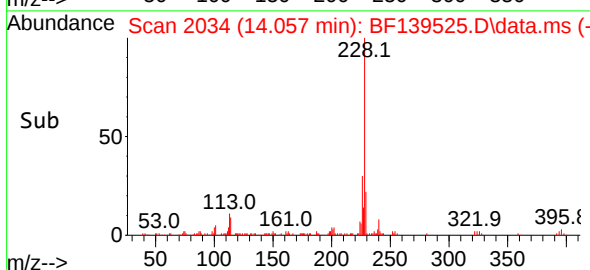
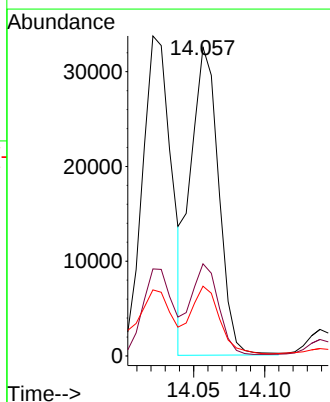
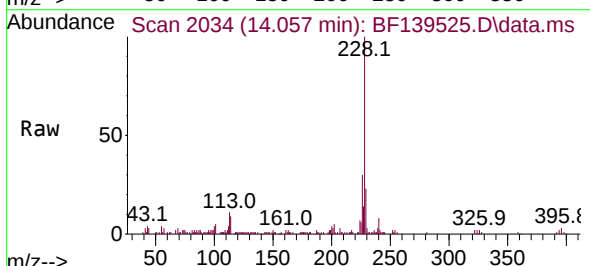
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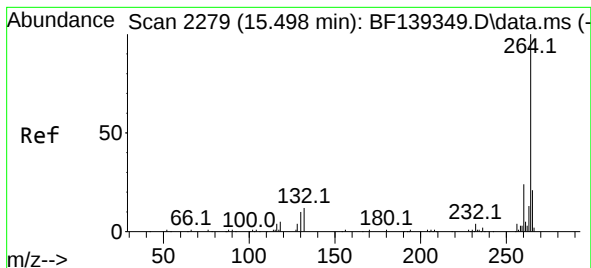
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#83
Chrysene
Concen: 5.436 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

Tgt Ion:228 Resp: 44550
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 22.6 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139525.D

Acq: 24 Sep 2024 17:35

Instrument :

BNA_F

ClientSampleId :

COMP-7

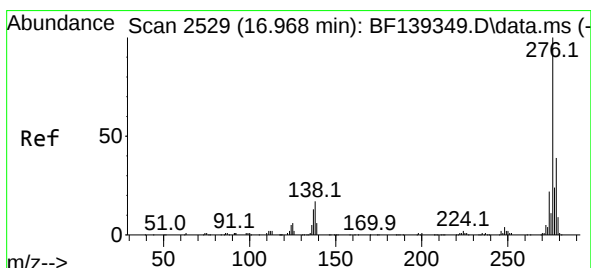
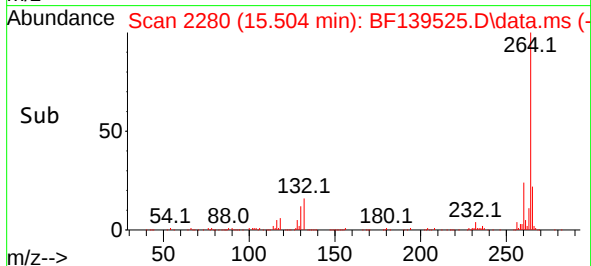
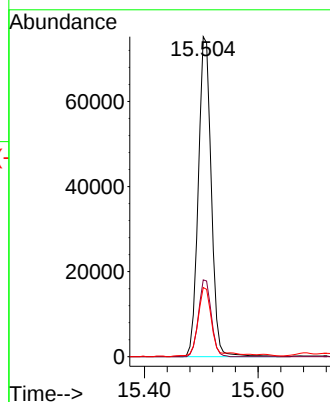
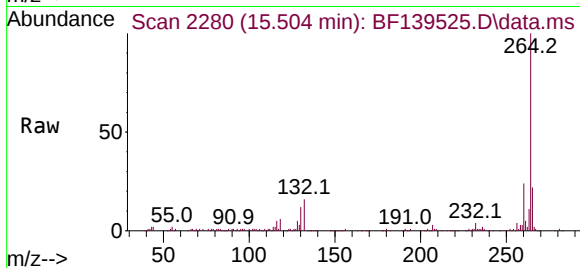
Tgt Ion:	264	Resp:	11924
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	21.6	16.6	25.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.592 ng

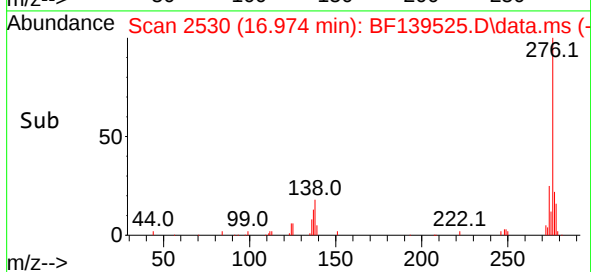
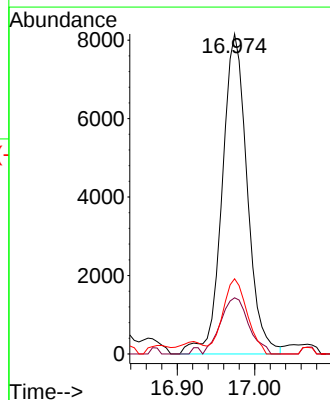
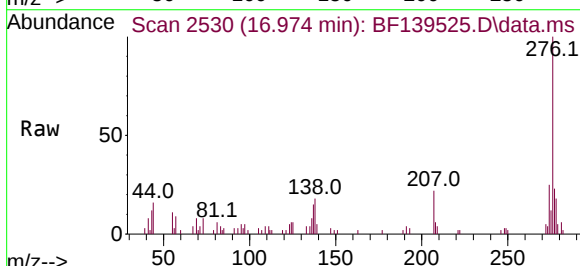
RT: 16.974 min Scan# 2530

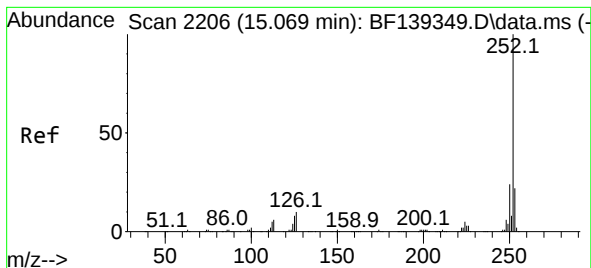
Delta R.T. 0.006 min

Lab File: BF139525.D

Acq: 24 Sep 2024 17:35

Tgt Ion:	276	Resp:	18380
Ion Ratio	Lower	Upper	
276	100		
138	19.7	15.4	23.2
277	22.7	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 7.501 ng m

RT: 15.074 min Scan# 2110

Delta R.T. 0.006 min

Lab File: BF139525.D

Acq: 24 Sep 2024 17:35

Instrument :

BNA_F

ClientSampleId :

COMP-7

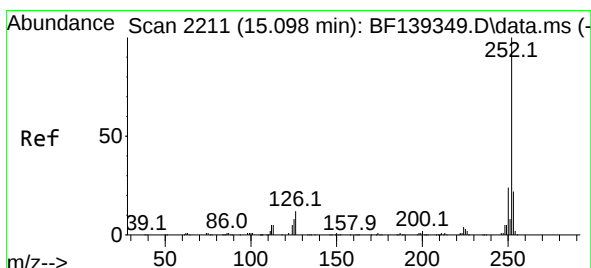
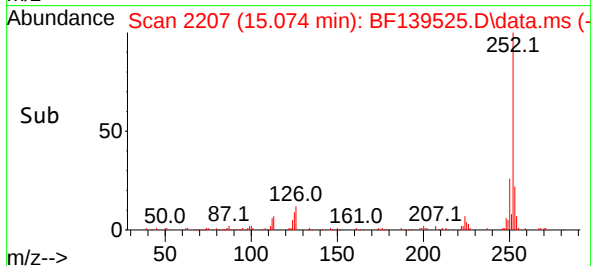
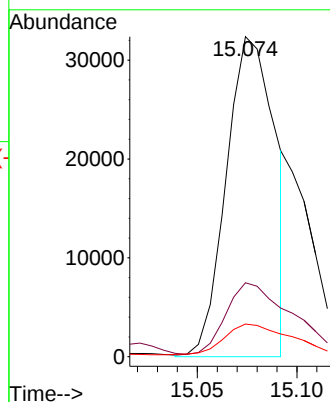
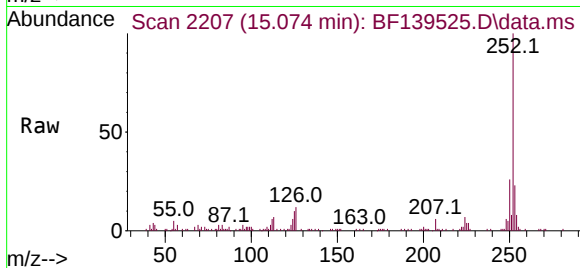
Tgt Ion:252 Resp: 5516
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.6 26.4
 125 10.2 6.2 9.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#89

Benzo(k)fluoranthene

Concen: 2.767 ng m

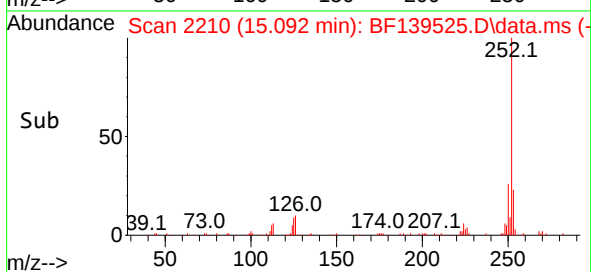
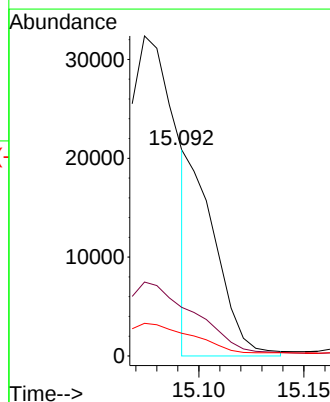
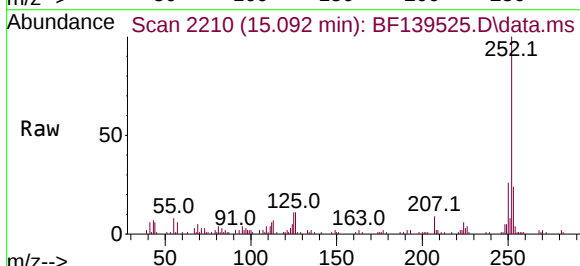
RT: 15.092 min Scan# 2210

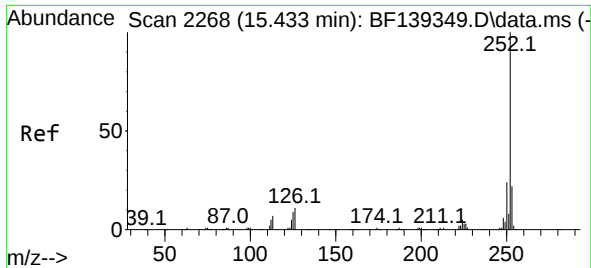
Delta R.T. -0.006 min

Lab File: BF139525.D

Acq: 24 Sep 2024 17:35

Tgt Ion:252 Resp: 18766
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.3 25.9
 125 11.0 5.9 8.9





#90
Benzo(a)pyrene
Concen: 5.815 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

Instrument :

BNA_F

ClientSampleId :

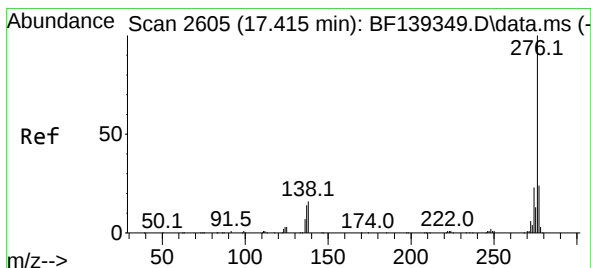
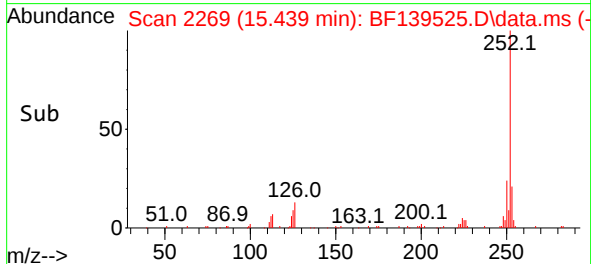
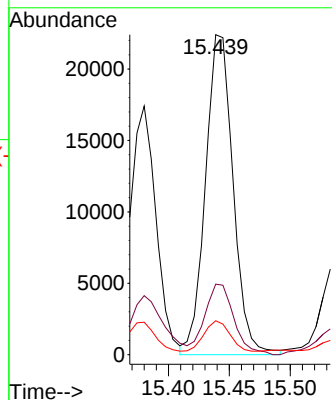
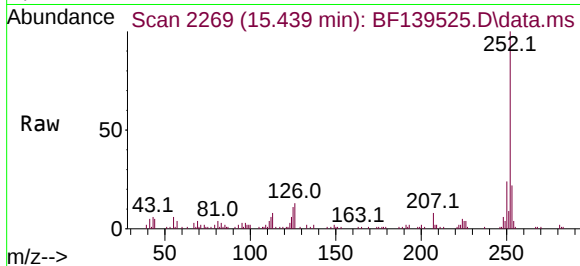
COMP-7

Tgt Ion:252 Resp: 3546
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.6 6.8 10.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#92
Benzo(g,h,i)perylene
Concen: 2.983 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139525.D
Acq: 24 Sep 2024 17:35

Tgt Ion:276 Resp: 17308
Ion Ratio Lower Upper
276 100
277 25.8 18.9 28.3
138 18.6 13.0 19.6

