

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139434.D
 Acq On : 18 Sep 2024 19:18
 Operator : RC/JU
 Sample : P4015-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2-TANK17

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

Quant Time: Sep 19 01:28:47 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	62898	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	235737	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	128038	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	208556	20.000	ng	0.00
76) Chrysene-d12	14.027	240	117824	20.000	ng	0.00
86) Perylene-d12	15.498	264	129892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	415723	107.823	ng	0.00
7) Phenol-d6	6.504	99	551679	109.012	ng	0.00
23) Nitrobenzene-d5	7.439	82	367550	73.298	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	131995	96.833	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	638884	69.983	ng	0.00
79) Terphenyl-d14	12.980	244	445503	62.062	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	57869	5.751	ng	98
75) Fluoranthene	12.604	202	80777	7.517	ng	99
78) Pyrene	12.833	202	61650	6.094	ng	98
81) Benzo(a)anthracene	14.021	228	39012	4.999	ng	97
83) Chrysene	14.051	228	26917	3.749	ng	95
88) Benzo(b)fluoranthene	15.068	252	41752m	5.212	ng	
90) Benzo(a)pyrene	15.433	252	27616	4.157	ng	95

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

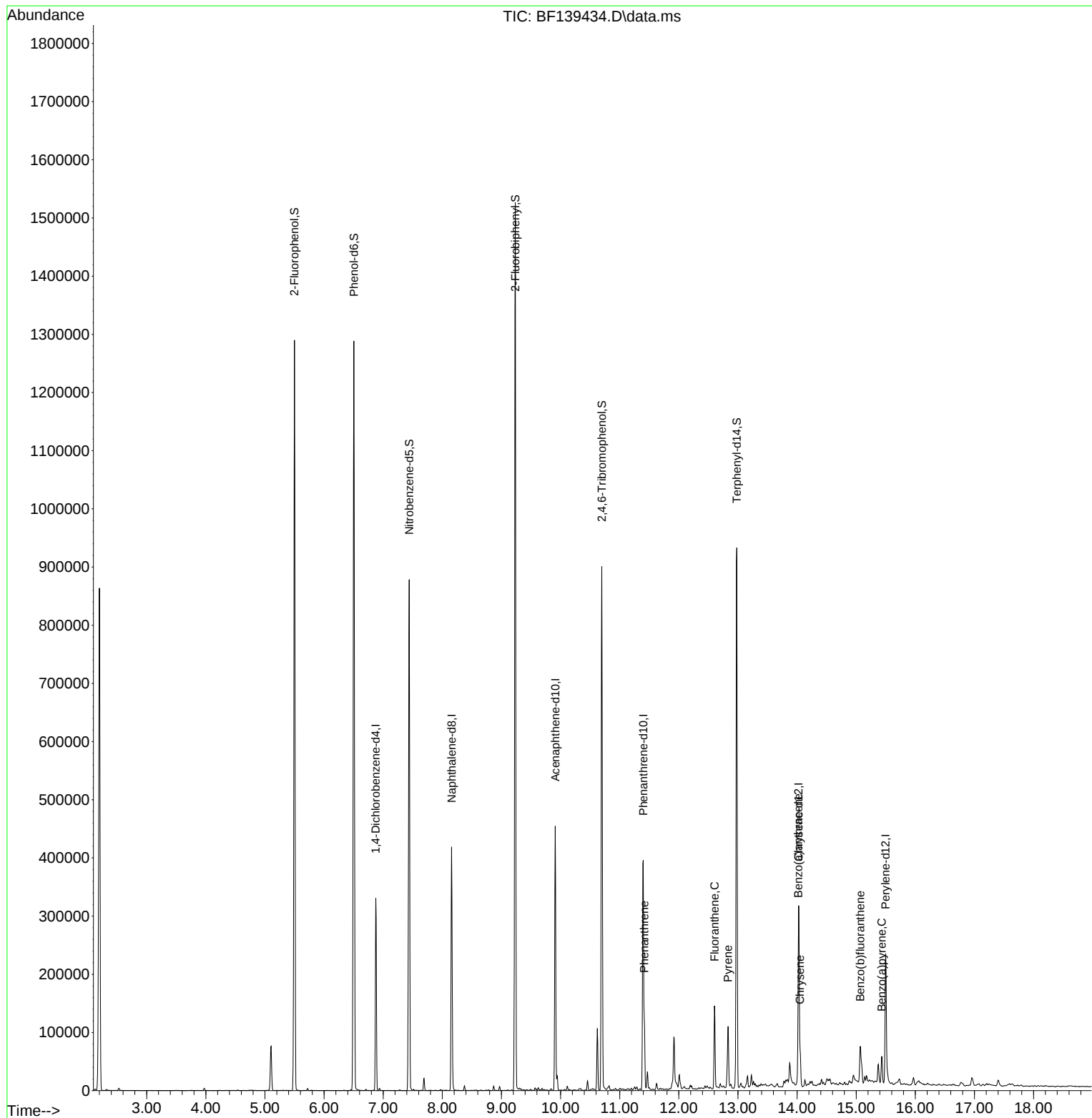
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139434.D
Acq On : 18 Sep 2024 19:18
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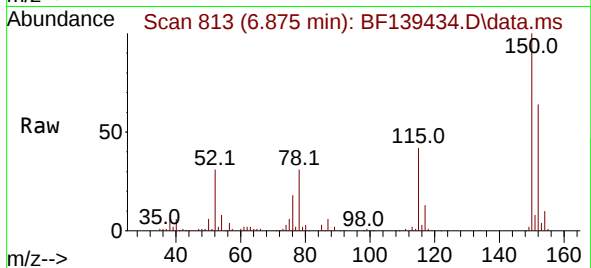
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

B-2-TANK17

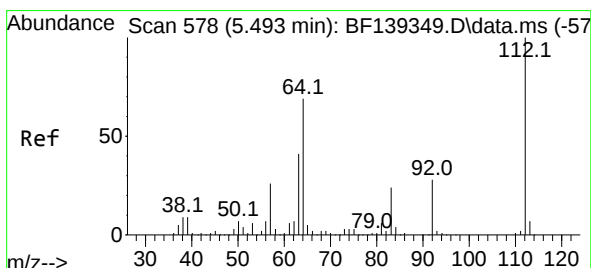
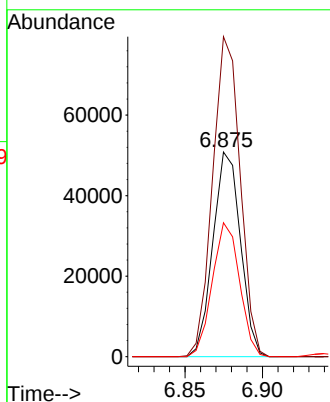
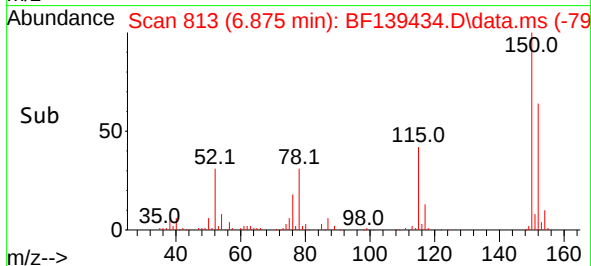


Tgt Ion:152 Resp: 62898
Ion Ratio Lower Upper
152 100
150 156.4 124.1 186.1
115 65.5 48.1 72.1

Manual Integrations

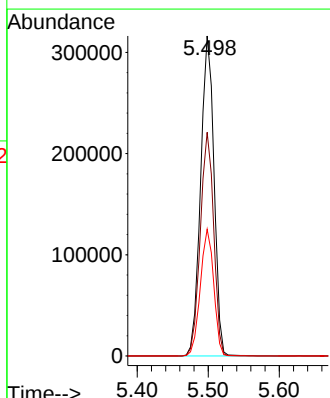
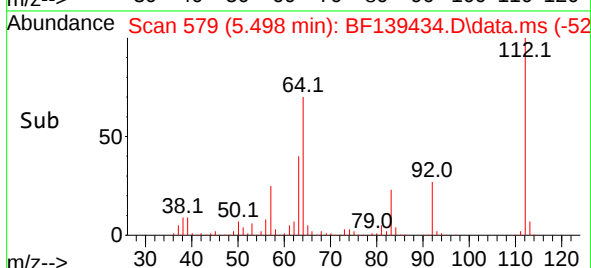
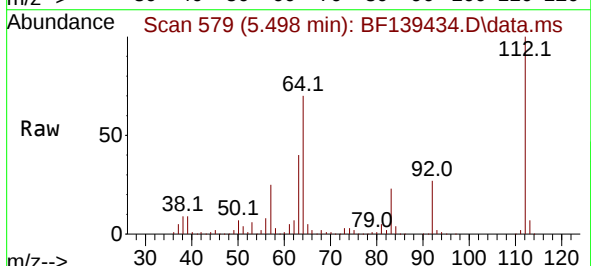
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#5
2-Fluorophenol
Concen: 107.823 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18

Tgt Ion:112 Resp: 415723
Ion Ratio Lower Upper
112 100
64 69.9 54.8 82.2
63 39.6 33.0 49.4





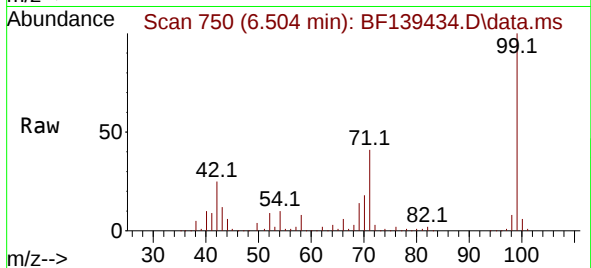
#7
Phenol-d6
Concen: 109.012 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

B-2-TANK17

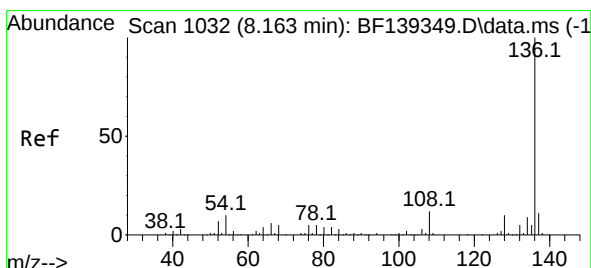
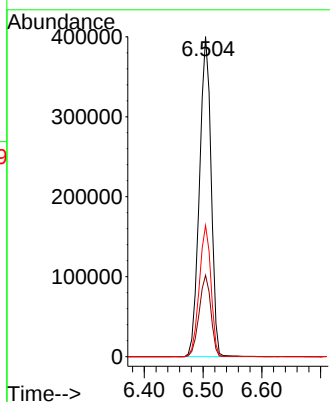
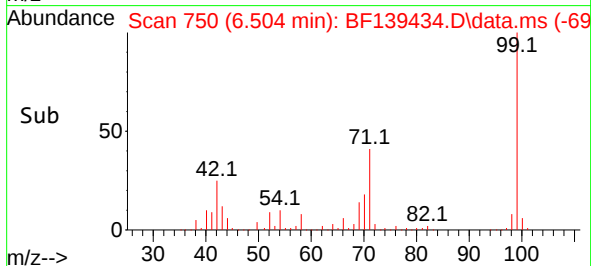


Tgt Ion: 99 Resp: 551679
Ion Ratio Lower Upper
99 100
42 25.4 21.9 32.9
71 41.0 34.6 52.0

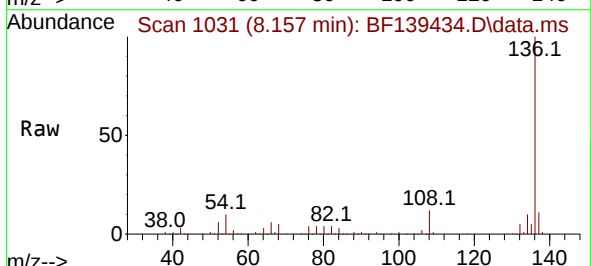
Manual Integrations

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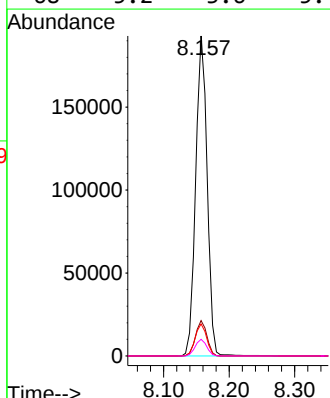
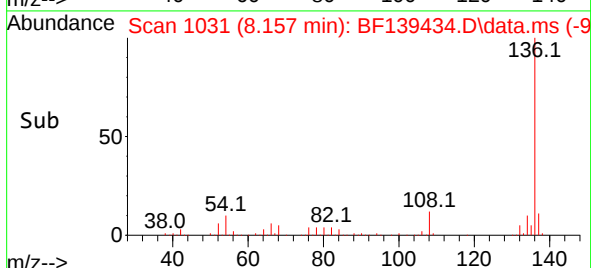
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18



Tgt Ion:136 Resp: 235737
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.0 7.8 11.8
68 5.2 3.6 5.4





#23

Nitrobenzene-d5

Concen: 73.298 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139434.D

Acq: 18 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 367550

Ion Ratio Lower Upper

82 100

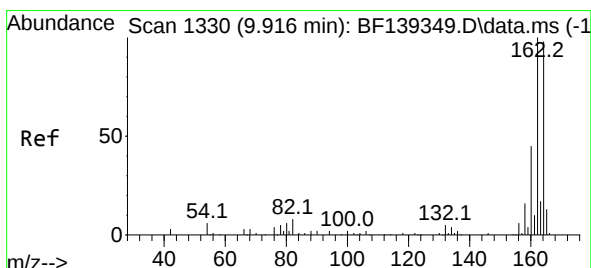
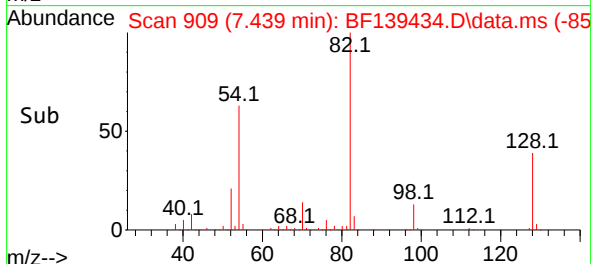
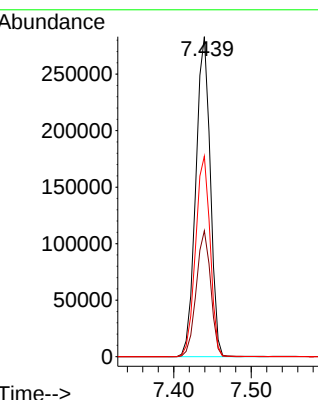
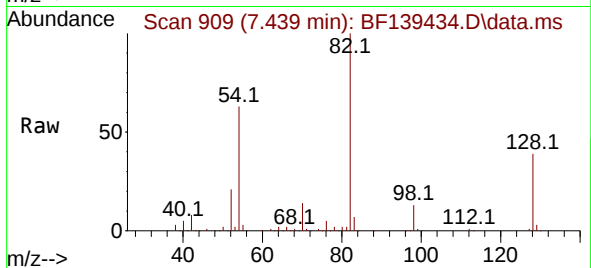
128 39.3 31.8 47.6

54 62.7 50.6 75.8

Manual Integrations

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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: BF139434.D

Acq: 18 Sep 2024 19:18

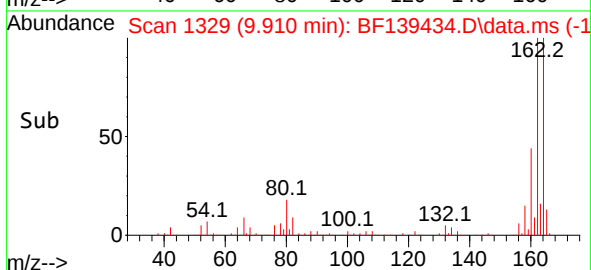
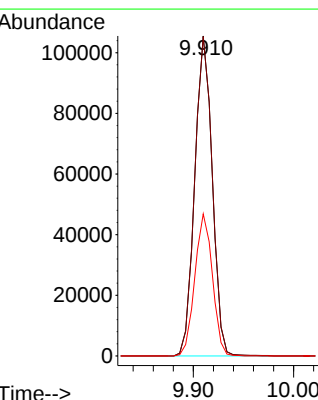
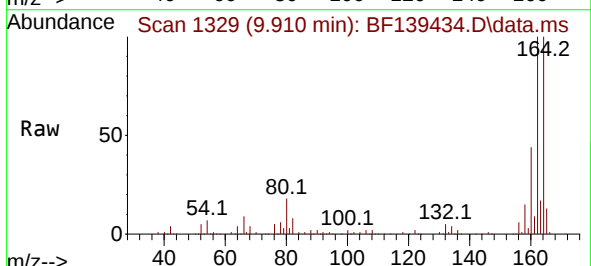
Tgt Ion:164 Resp: 128038

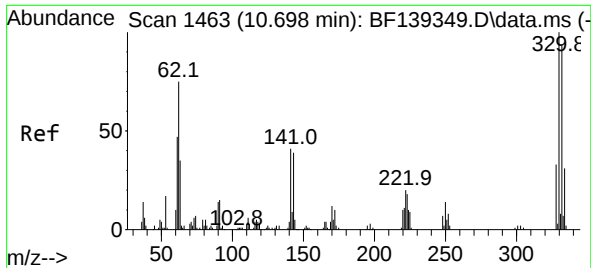
Ion Ratio Lower Upper

164 100

162 99.8 81.3 121.9

160 44.4 36.4 54.6





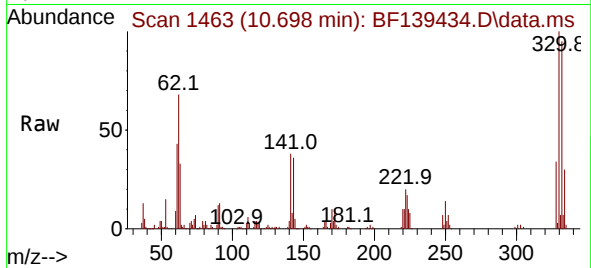
#42
2,4,6-Tribromophenol
Concen: 96.833 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

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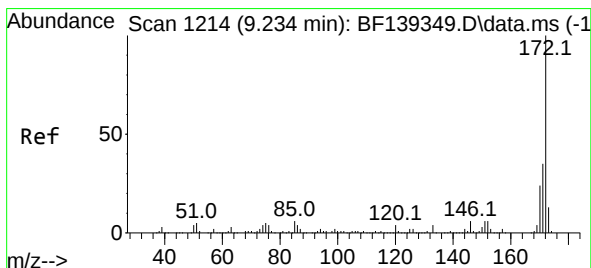
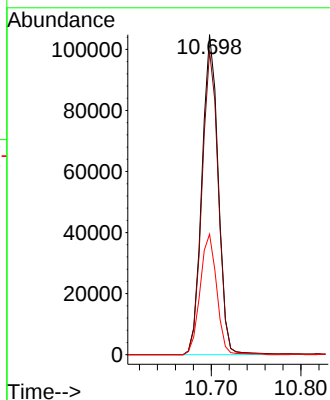
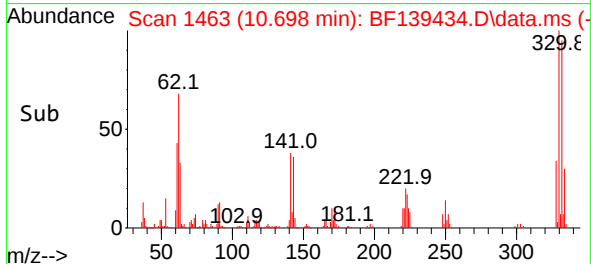


Tgt Ion: 330 Resp: 131998
Ion Ratio Lower Upper
330 100
332 95.5 75.2 112.8
141 38.3 31.2 46.8

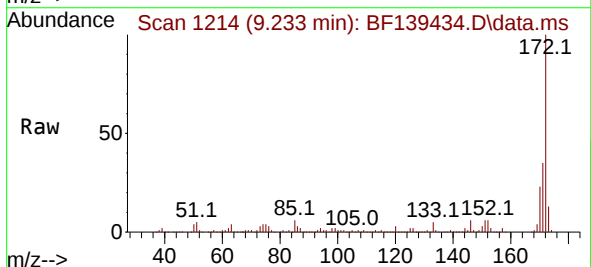
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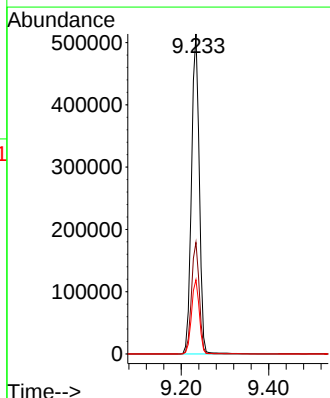
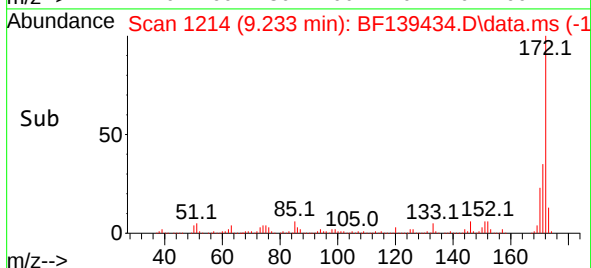
Reviewed By : Jagrut Upadhyay 09/19/2024
Supervised By : mohammad ahmed 09/20/2024



#45
2-Fluorobiphenyl
Concen: 69.983 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18



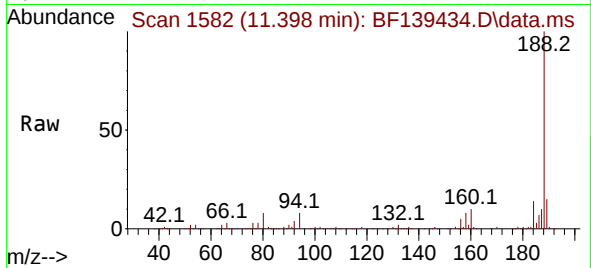
Tgt Ion: 172 Resp: 638884
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.2 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18

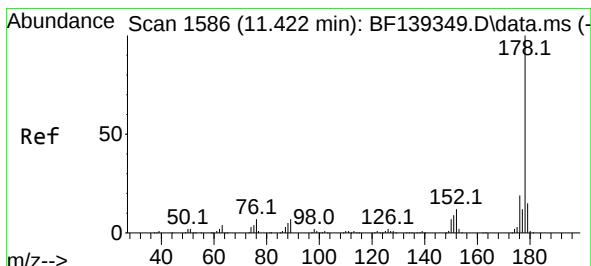
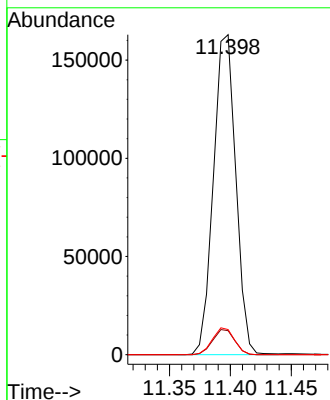
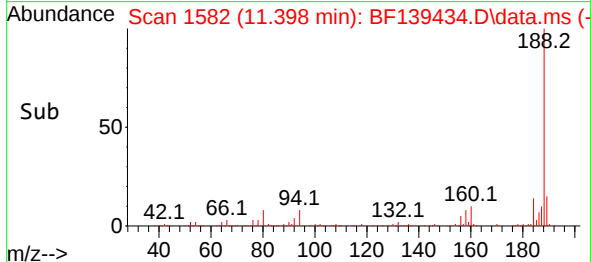
Instrument :
BNA_F
ClientSampleId :
B-2-TANK17



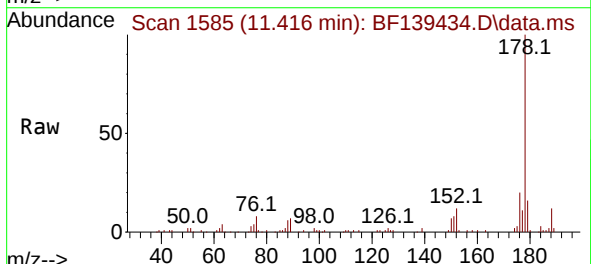
Tgt Ion:188 Resp: 208550
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 7.9 6.6 9.8

Manual Integrations
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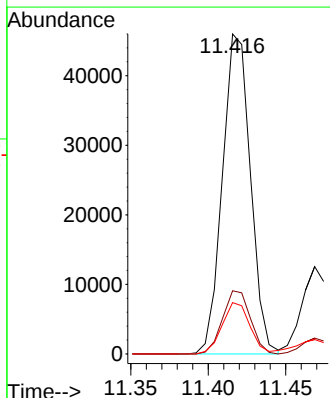
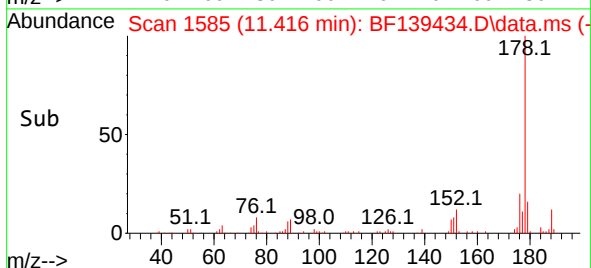
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

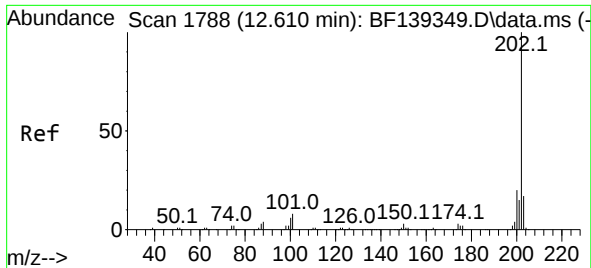


#71
Phenanthrene
Concen: 5.751 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18



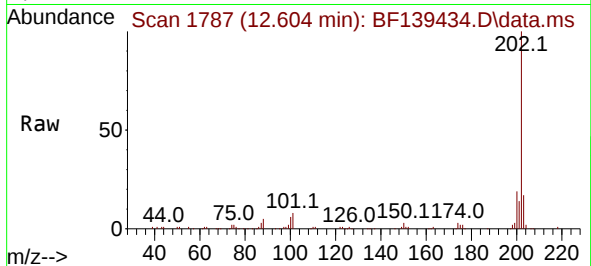
Tgt Ion:178 Resp: 57869
Ion Ratio Lower Upper
178 100
176 19.7 15.2 22.8
179 16.0 12.2 18.4





#75
Fluoranthene
Concen: 7.517 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18

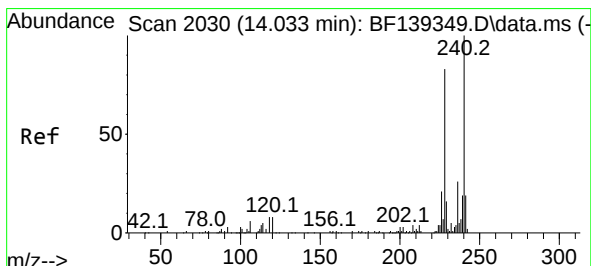
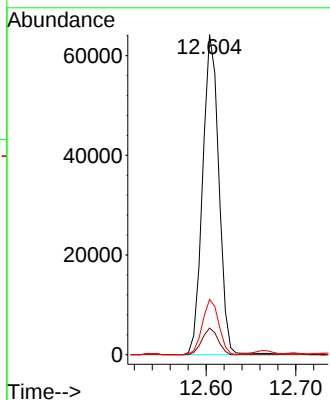
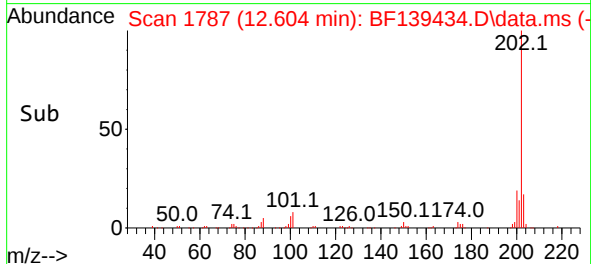
Instrument :
BNA_F
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Tgt Ion:202 Resp: 8077
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.7
203 17.2 0.0 37.4

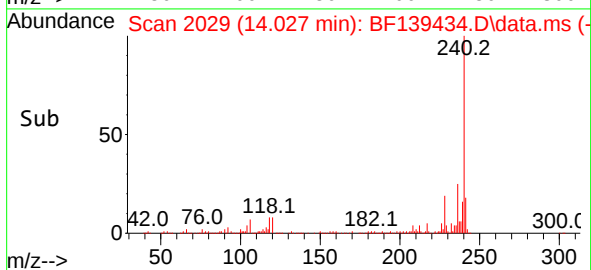
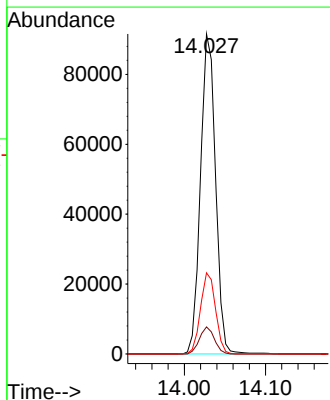
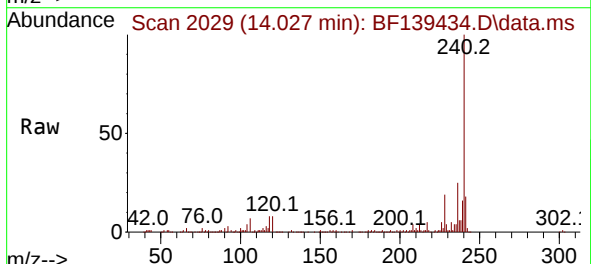
Manual Integrations
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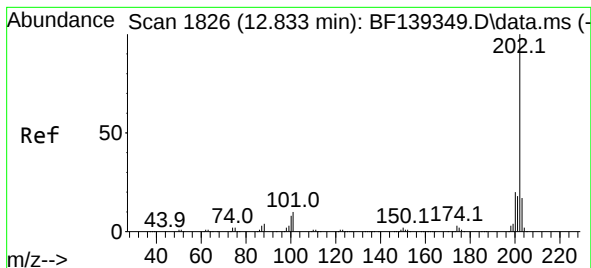
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18

Tgt Ion:240 Resp: 117824
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.2
236 25.4 20.9 31.3





#78

Pyrene

Concen: 6.094 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF139434.D

Acq: 18 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

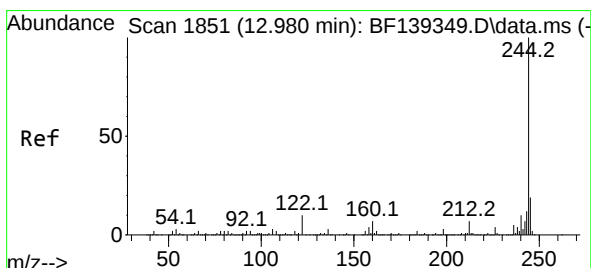
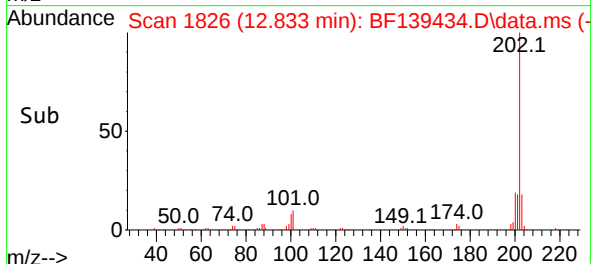
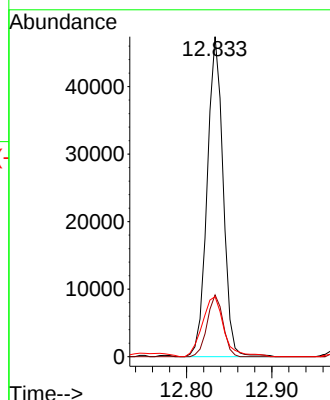
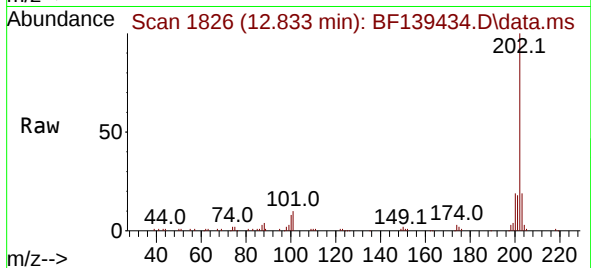
B-2-TANK17

Tgt Ion:	202	Resp:	61650
Ion Ratio	Lower	Upper	
202	100		
200	19.3	16.2	24.2
203	18.8	13.9	20.9

Manual Integrations

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#79

Terphenyl-d14

Concen: 62.062 ng

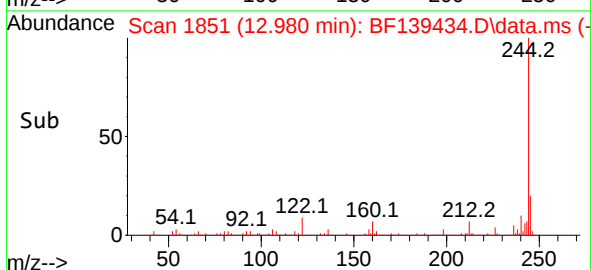
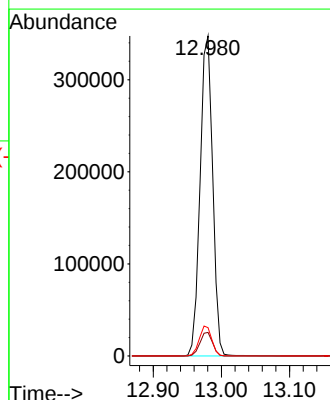
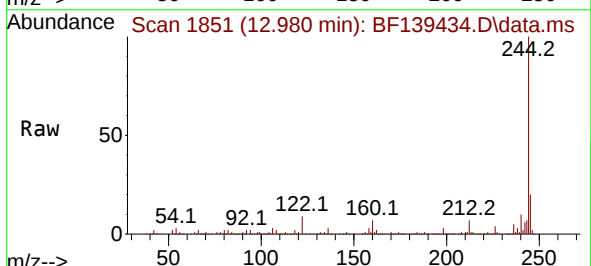
RT: 12.980 min Scan# 1851

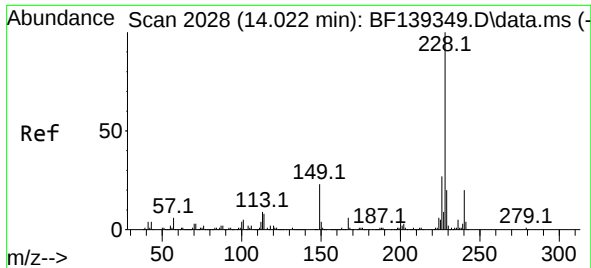
Delta R.T. -0.000 min

Lab File: BF139434.D

Acq: 18 Sep 2024 19:18

Tgt Ion:	244	Resp:	445503
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	8.8	7.6	11.4





#81
Benzo(a)anthracene
Concen: 4.999 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

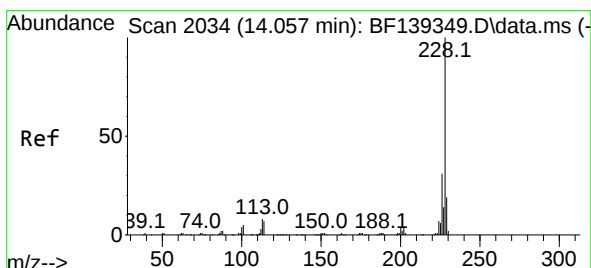
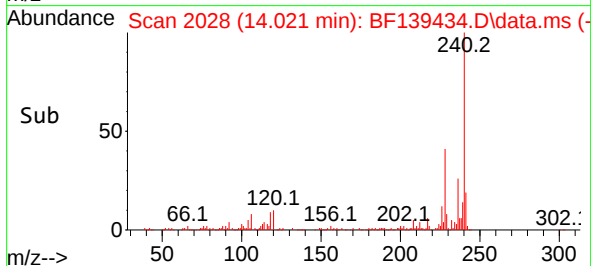
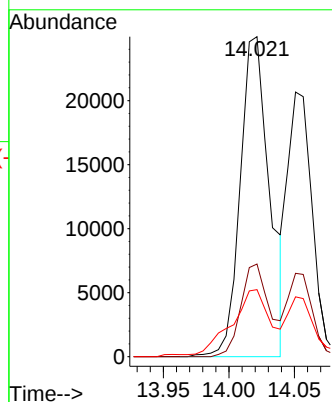
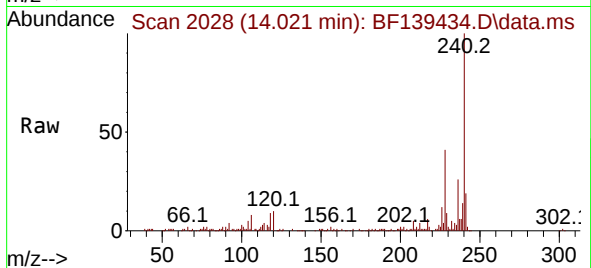
B-2-TANK17

Tgt Ion:228 Resp: 3901
Ion Ratio Lower Upper
228 100
226 28.9 21.6 32.4
229 21.0 15.7 23.5

Manual Integrations

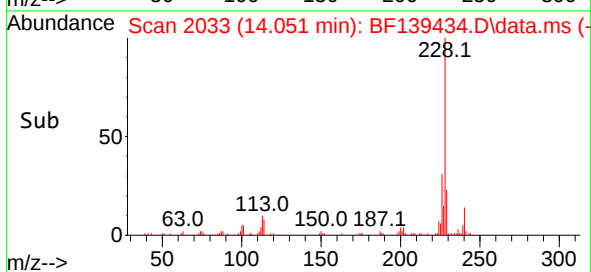
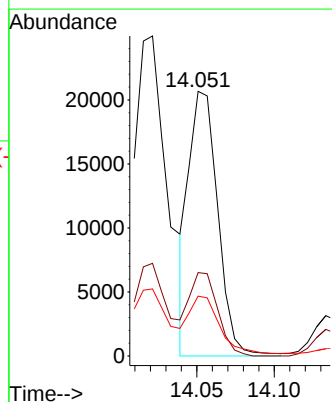
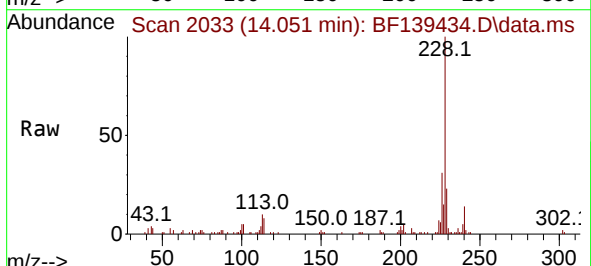
APPROVED

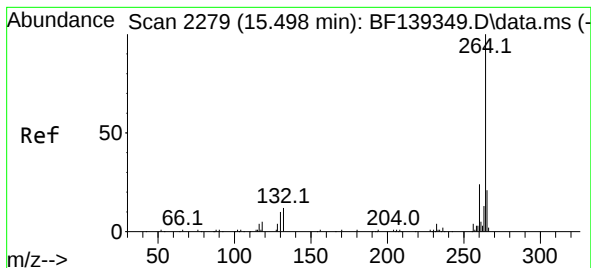
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#83
Chrysene
Concen: 3.749 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18

Tgt Ion:228 Resp: 26917
Ion Ratio Lower Upper
228 100
226 31.5 24.1 36.1
229 22.6 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139434.D

Acq: 18 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

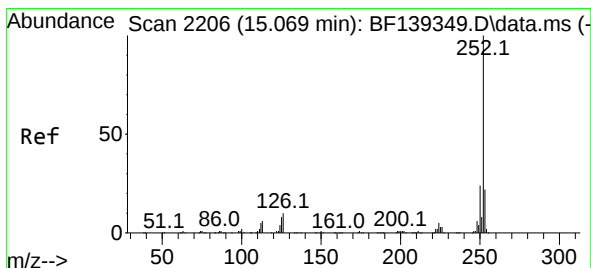
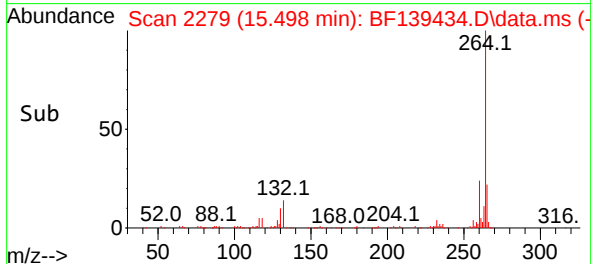
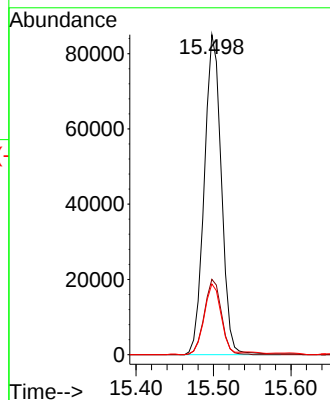
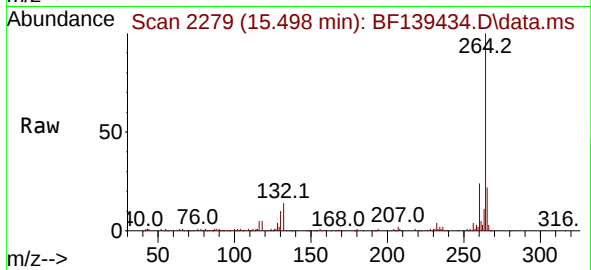
B-2-TANK17

Tgt Ion:	264	Resp:	12989
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	22.1	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#88

Benzo(b)fluoranthene

Concen: 5.212 ng m

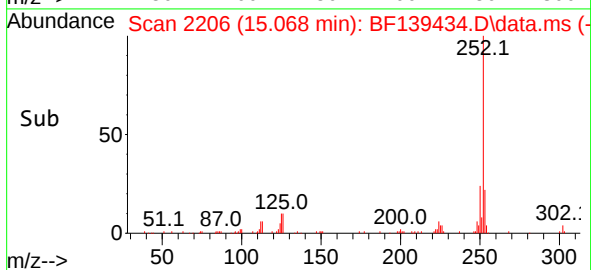
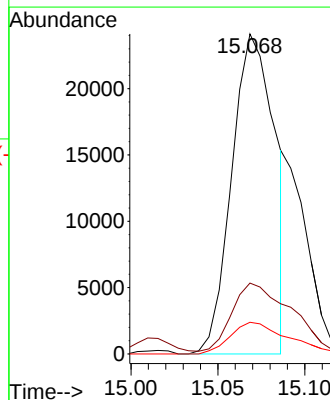
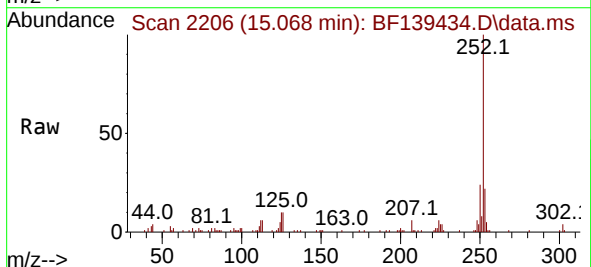
RT: 15.068 min Scan# 2206

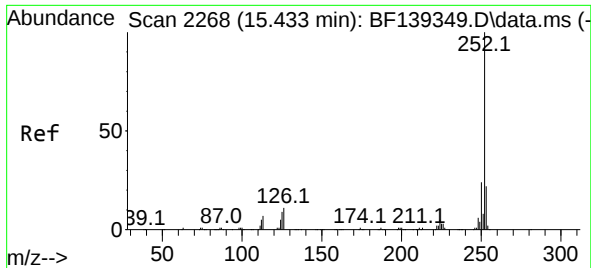
Delta R.T. -0.000 min

Lab File: BF139434.D

Acq: 18 Sep 2024 19:18

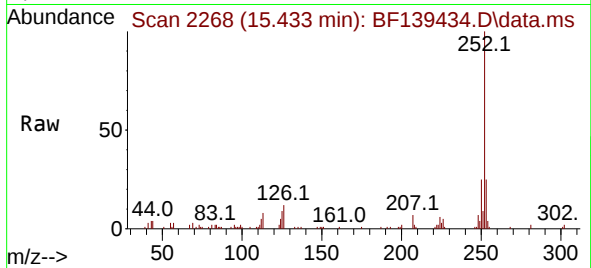
Tgt Ion:	252	Resp:	41752
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	9.9	6.2	9.2





#90
Benzo(a)pyrene
Concen: 4.157 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139434.D
Acq: 18 Sep 2024 19:18

Instrument :
BNA_F
ClientSampleId :
B-2-TANK17



Tgt Ion:252 Resp: 27610
Ion Ratio Lower Upper
252 100
253 24.7 17.3 25.9
125 9.2 6.8 10.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

