

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139033.D
 Acq On : 15 Aug 2024 20:44
 Operator : RC/JU
 Sample : P3600-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VCPS-B3-081324-0-10

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 00:27:56 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	34463	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	141784	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	78114	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	130198	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	62233	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	67643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	212037	94.975	ng	0.00
7) Phenol-d6	6.481	99	282228	94.156	ng	0.00
23) Nitrobenzene-d5	7.398	82	195137	67.289	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	57515	89.887	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	313765	60.352	ng	-0.02
79) Terphenyl-d14	12.933	244	215459	57.965	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.380	178	20659	3.082	ng	100
75) Fluoranthene	12.569	202	22109	3.533	ng	98
78) Pyrene	12.798	202	18749	3.200	ng	98
83) Chrysene	14.021	228	7764m	2.008	ng	
88) Benzo(b)fluoranthene	15.045	252	10000m	2.385	ng	
90) Benzo(a)pyrene	15.404	252	7311	2.073	ng	100

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

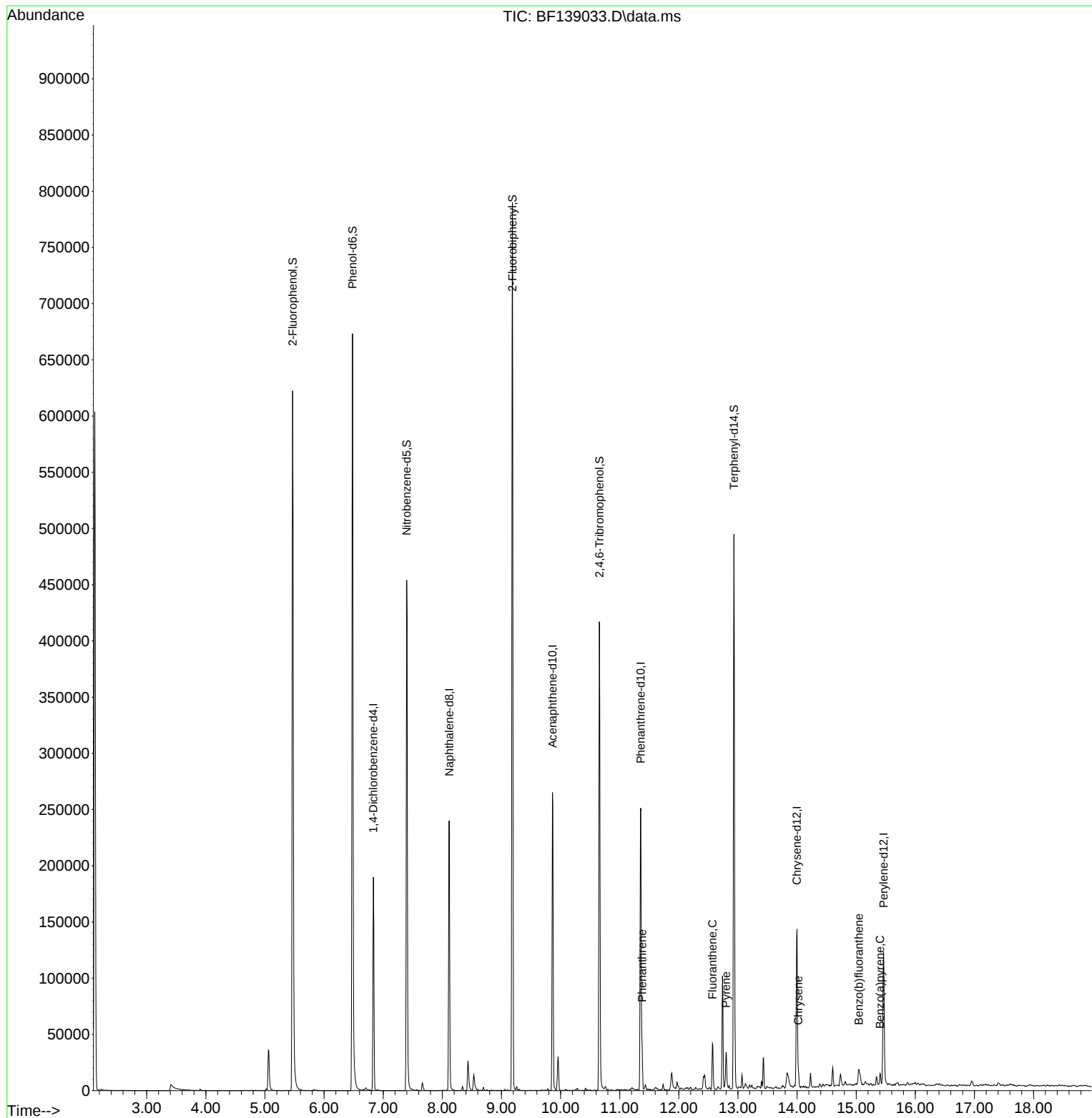
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
Data File : BF139033.D
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Quant Time: Aug 16 00:27:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

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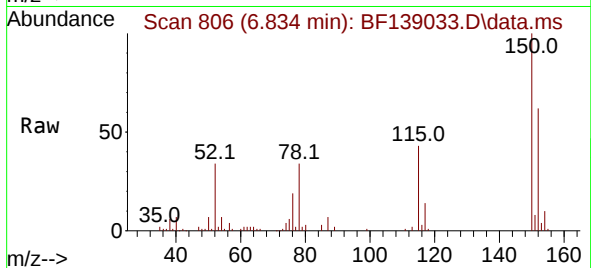
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44

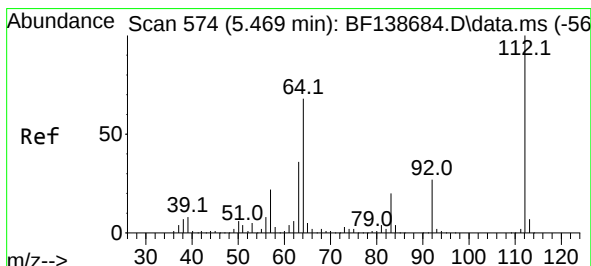
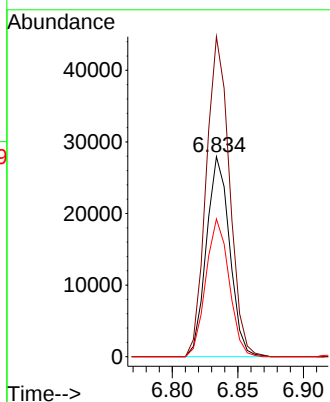
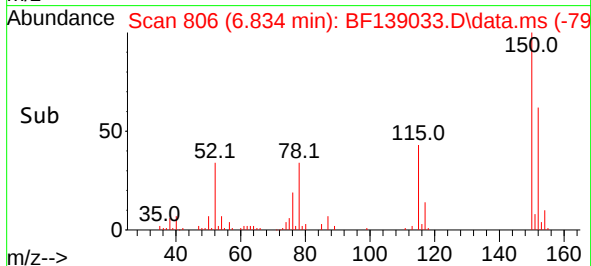
Instrument :
BNA_F
ClientSampleId :
VCPS-B3-081324-0-10



Tgt Ion:152 Resp: 3446
Ion Ratio Lower Upper
152 100
150 160.0 126.0 189.0
115 68.9 51.7 77.5

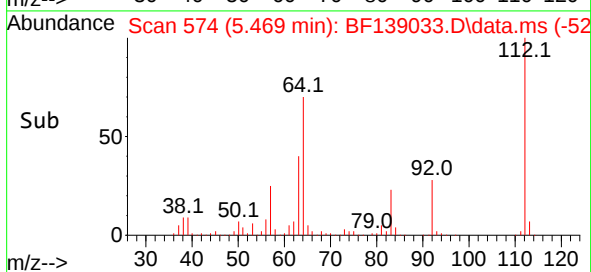
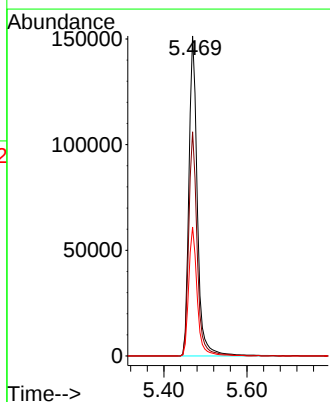
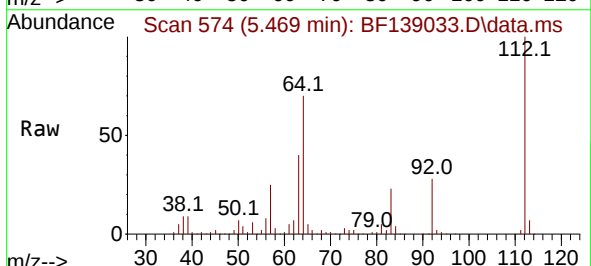
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#5
2-Fluorophenol
Concen: 94.975 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44

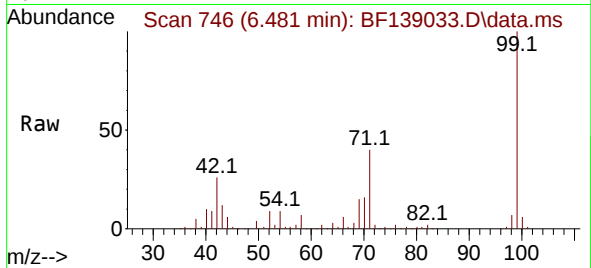
Tgt Ion:112 Resp: 212037
Ion Ratio Lower Upper
112 100
64 70.1 54.2 81.4
63 40.3 28.7 43.1





#7
Phenol-d6
Concen: 94.156 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44

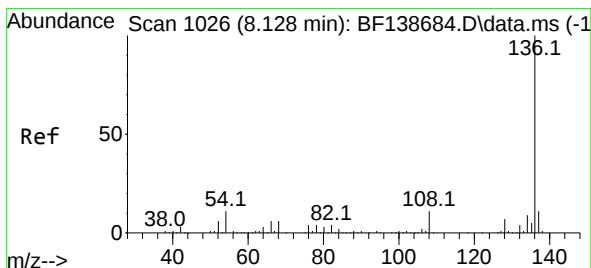
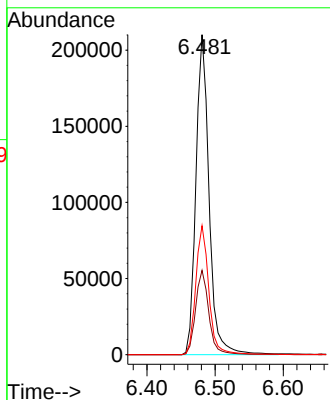
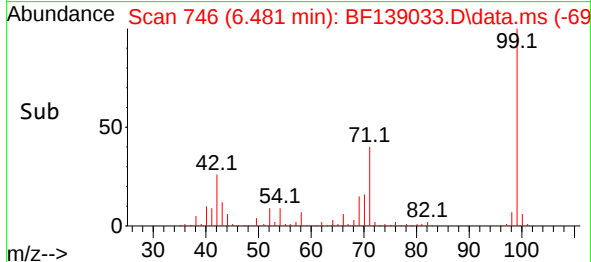
Instrument :
BNA_F
ClientSampleId :
VCPS-B3-081324-0-10



Tgt Ion: 99 Resp: 282228
Ion Ratio Lower Upper
99 100
42 26.4 17.4 26.0
71 40.3 28.1 42.1

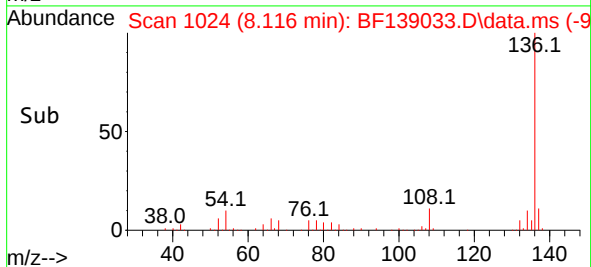
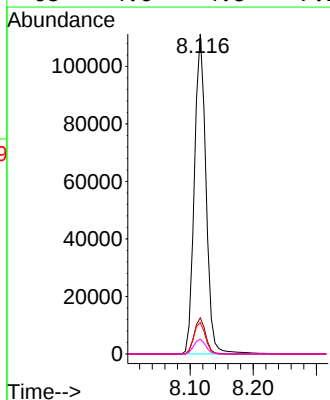
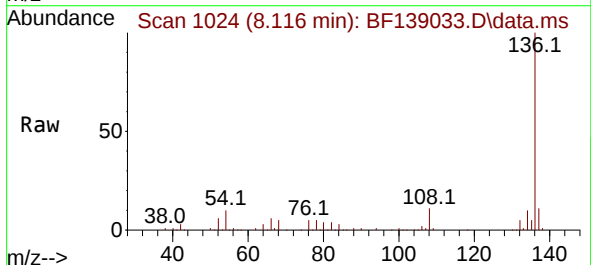
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44

Tgt Ion:136 Resp: 141784
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.8 8.6 12.8
68 4.6 4.8 7.2





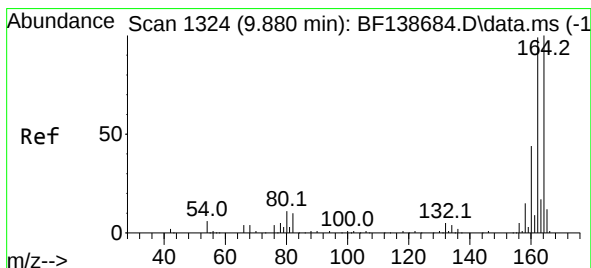
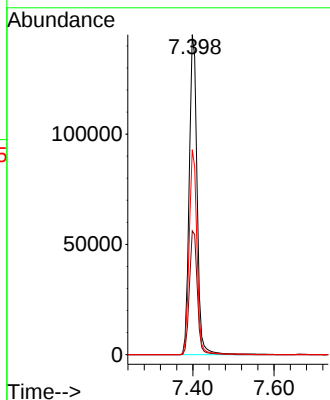
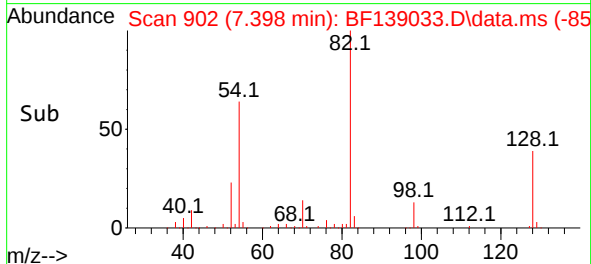
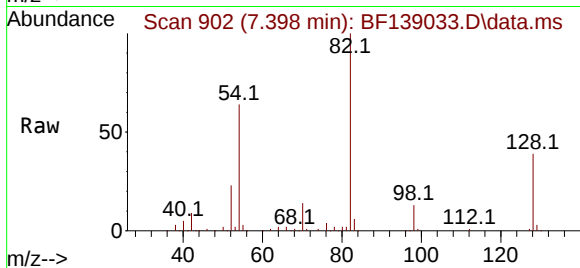
#23
Nitrobenzene-d5
Concen: 67.289 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44

Instrument :
BNA_F
ClientSampleId :
VCPS-B3-081324-0-10

Tgt Ion: 82 Resp: 19513
Ion Ratio Lower Upper
82 100
128 38.7 32.8 49.2
54 64.0 48.3 72.5

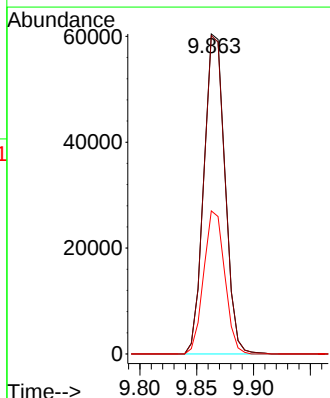
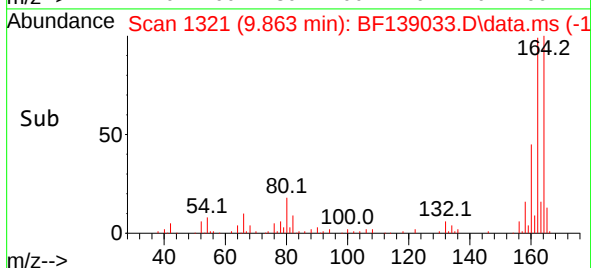
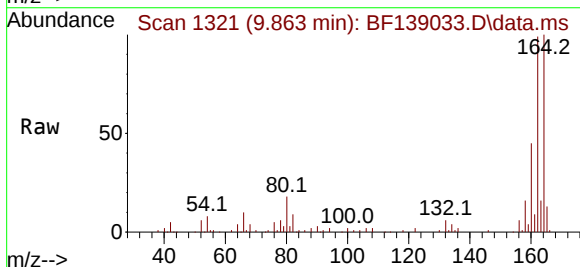
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44

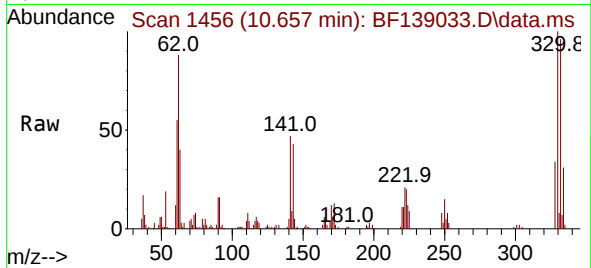
Tgt Ion:164 Resp: 78114
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 44.7 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 89.887 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44

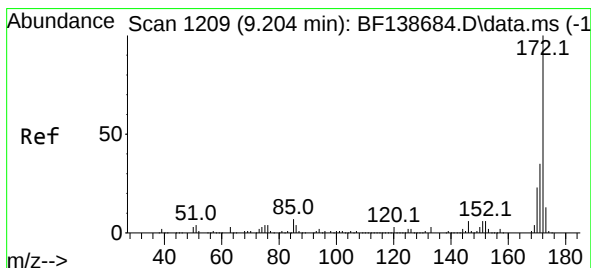
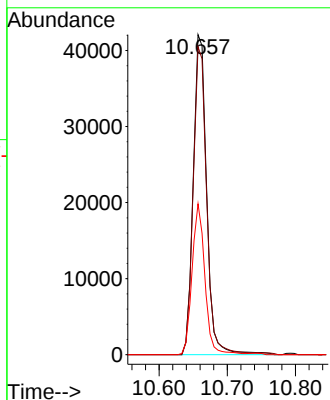
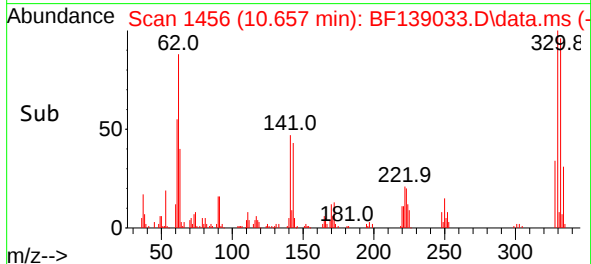
Instrument :
BNA_F
ClientSampleId :
VCPS-B3-081324-0-10



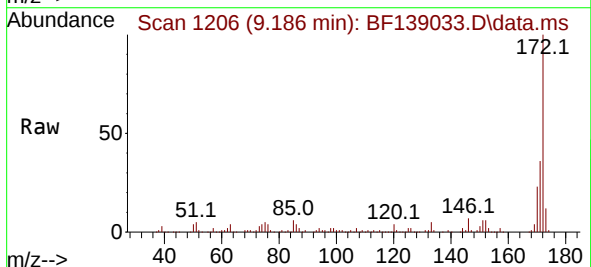
Tgt Ion: 330 Resp: 5751
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 45.0 31.1 46.7

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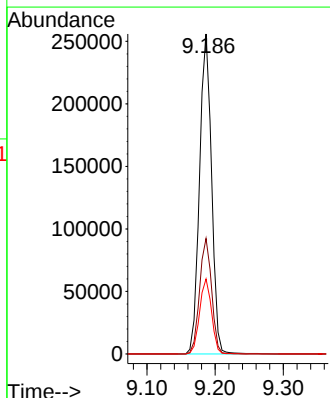
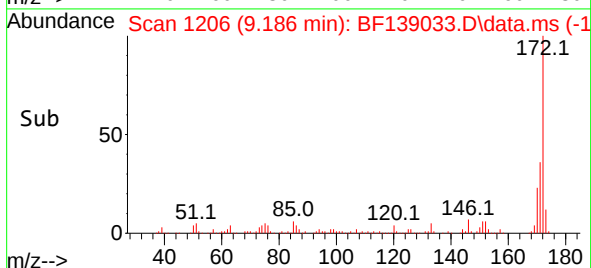
Reviewed By : Jagrut Upadhyay 08/16/2024
Supervised By : mohammad ahmed 08/17/2024



#45
2-Fluorobiphenyl
Concen: 60.352 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44



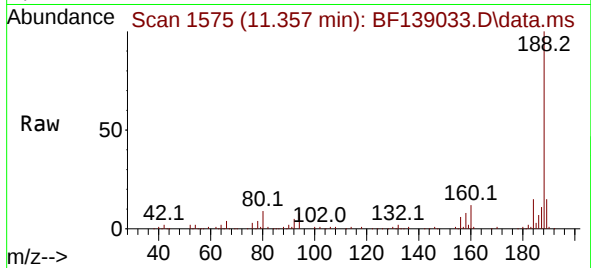
Tgt Ion: 172 Resp: 313765
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44

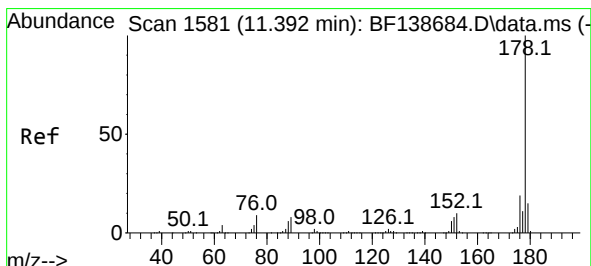
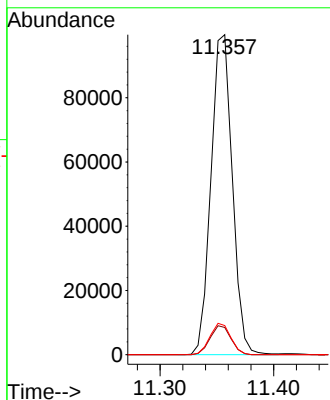
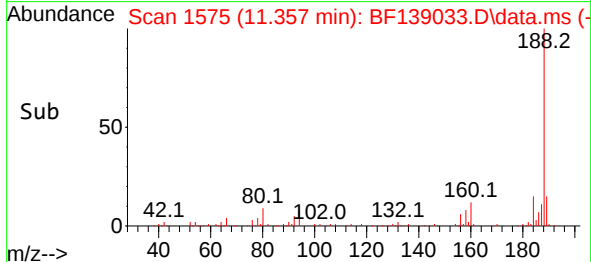
Instrument :
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ClientSampleId :
VCPS-B3-081324-0-10



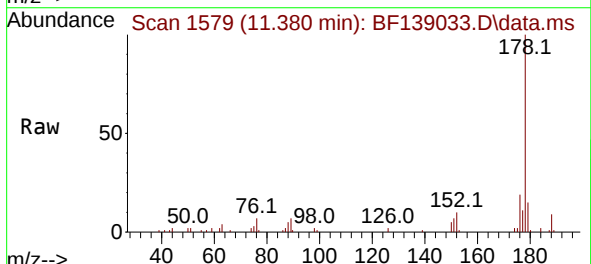
Tgt Ion:188 Resp: 130198
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 9.1 8.6 12.8

Manual Integrations
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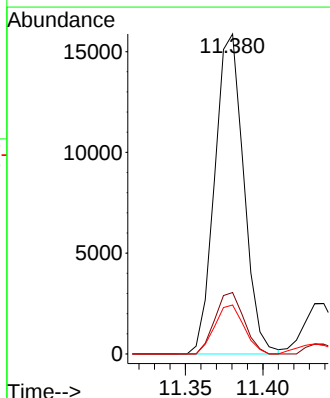
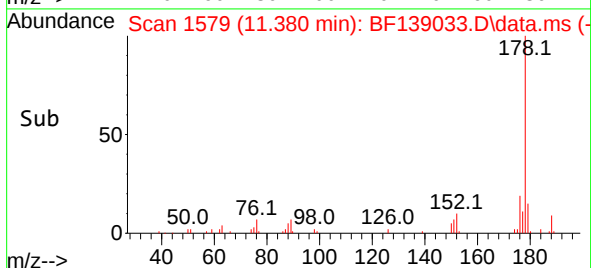
Reviewed By :Jagrut Upadhyay 08/16/2024
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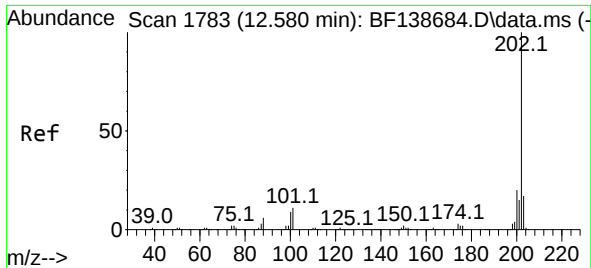


#71
Phenanthrene
Concen: 3.082 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44



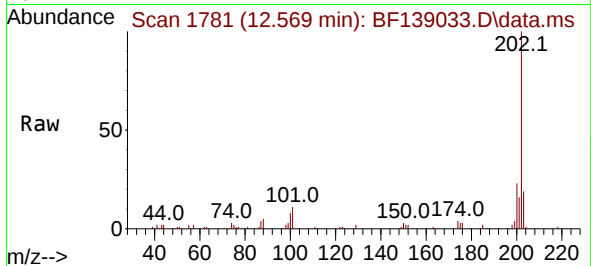
Tgt Ion:178 Resp: 20659
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.2 18.2





#75
Fluoranthene
Concen: 3.533 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44

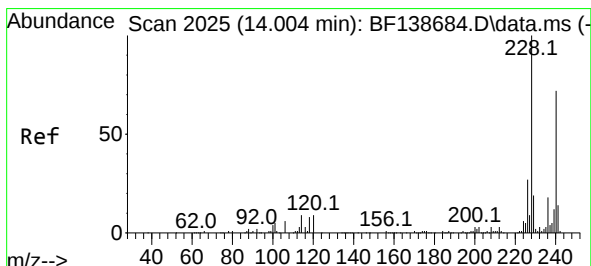
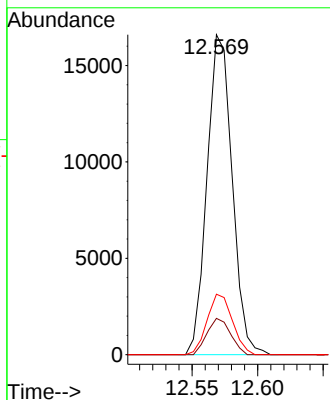
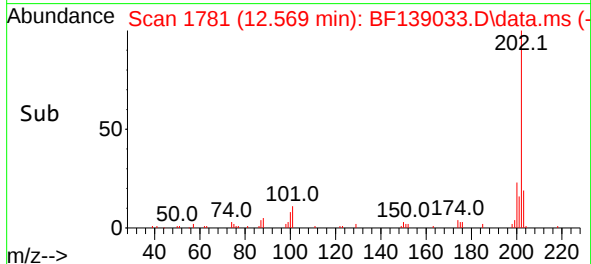
Instrument :
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ClientSampleId :
VCPS-B3-081324-0-10



Tgt Ion:202 Resp: 22109
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.2
203 18.9 0.0 37.3

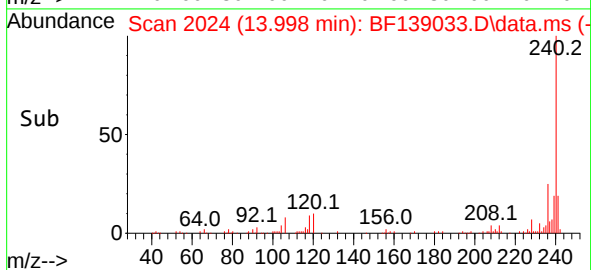
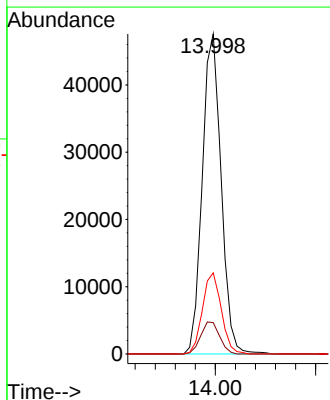
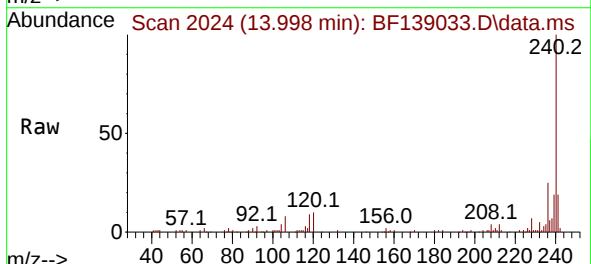
Manual Integrations
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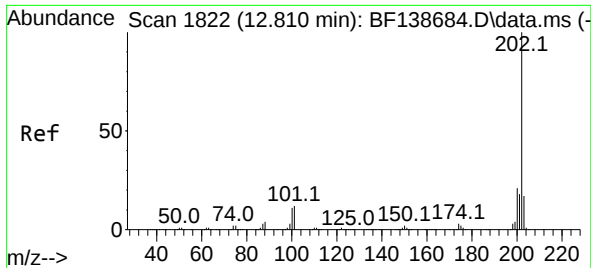
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44

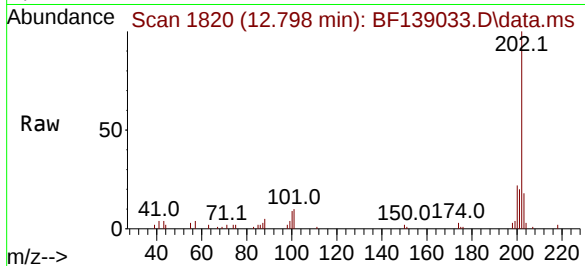
Tgt Ion:240 Resp: 62233
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 25.3 19.8 29.8





#78
Pyrene
Concen: 3.200 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44

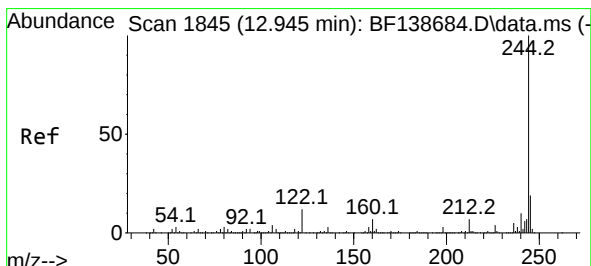
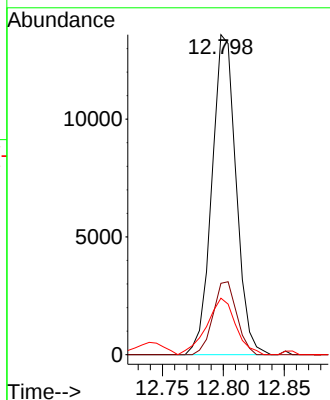
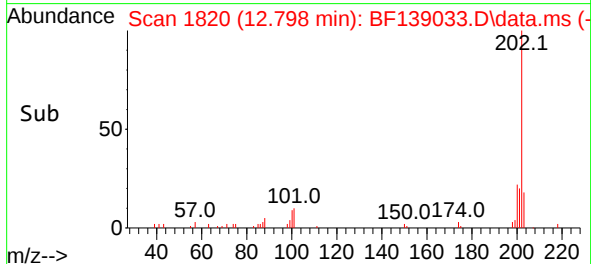
Instrument :
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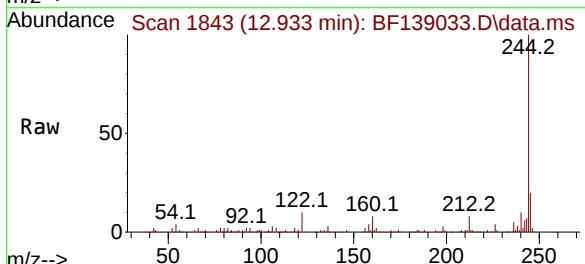
Tgt Ion:202 Resp: 18749
Ion Ratio Lower Upper
202 100
200 22.3 16.8 25.2
203 17.7 13.8 20.6

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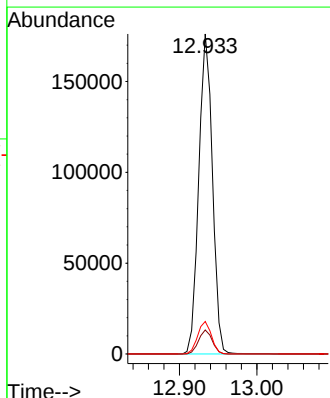
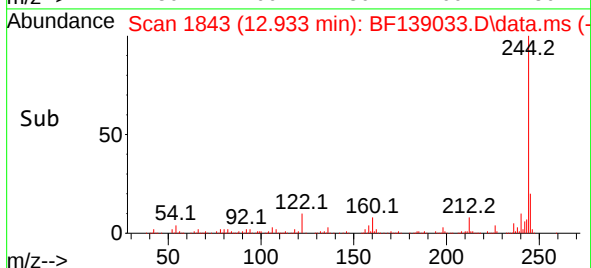
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

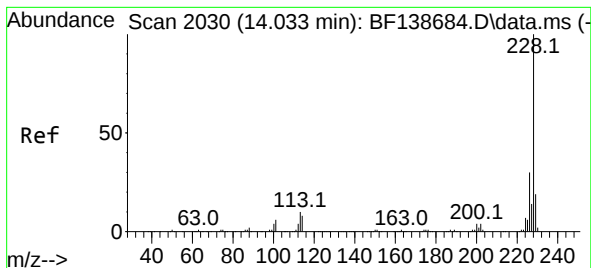


#79
Terphenyl-d14
Concen: 57.965 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BF139033.D
Acq: 15 Aug 2024 20:44



Tgt Ion:244 Resp: 215459
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 10.2 9.6 14.4





#83

Chrysene

Concen: 2.008 ng m

RT: 14.021 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF139033.D

Acq: 15 Aug 2024 20:44

Instrument :

BNA_F

ClientSampleId :

VCPS-B3-081324-0-10

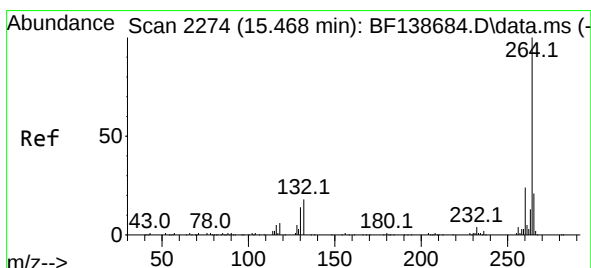
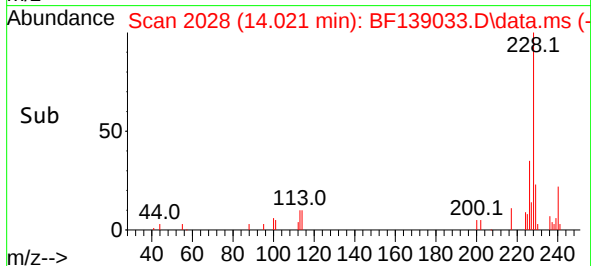
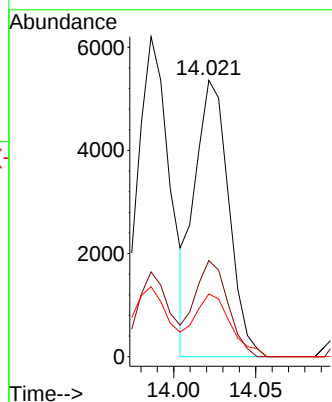
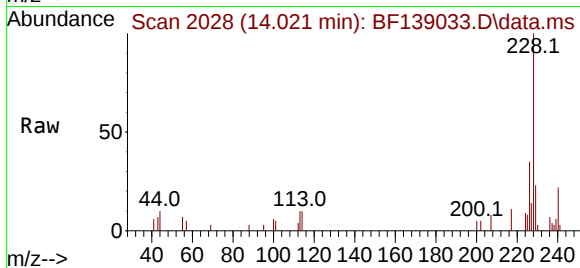
Tgt Ion:228 Resp: 7764

Ion	Ratio	Lower	Upper
228	100		
226	34.8	23.7	35.5
229	22.7	15.0	22.6

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

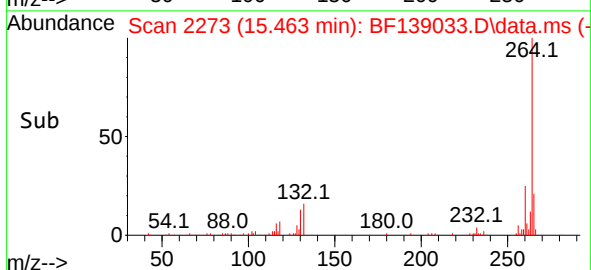
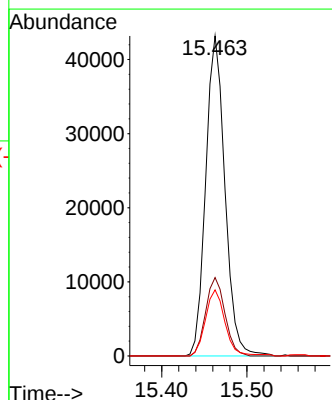
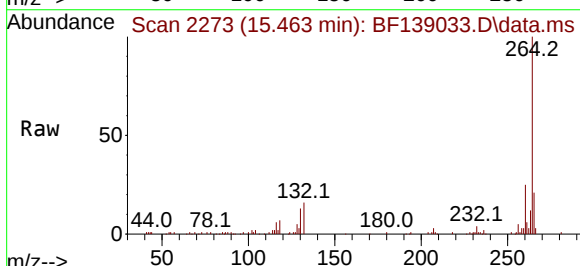
Delta R.T. -0.006 min

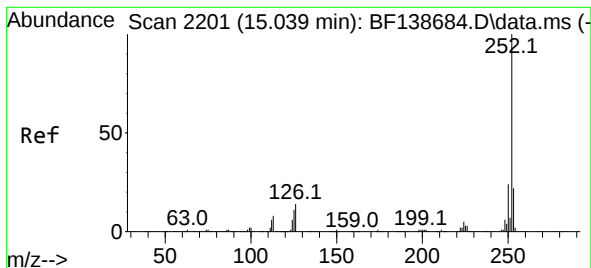
Lab File: BF139033.D

Acq: 15 Aug 2024 20:44

Tgt Ion:264 Resp: 67643

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	20.6	17.0	25.6





#88

Benzo(b)fluoranthene

Concen: 2.385 ng m

RT: 15.045 min Scan# 2201

Delta R.T. 0.006 min

Lab File: BF139033.D

Acq: 15 Aug 2024 20:44

Instrument :

BNA_F

ClientSampleId :

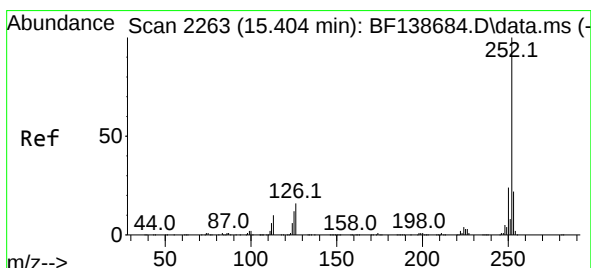
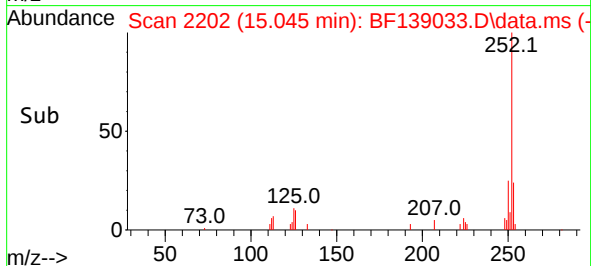
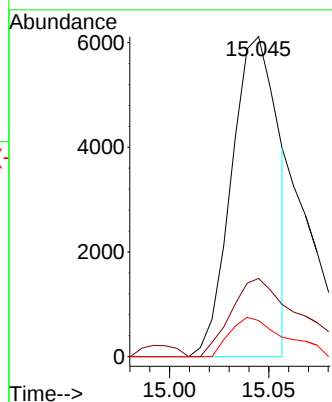
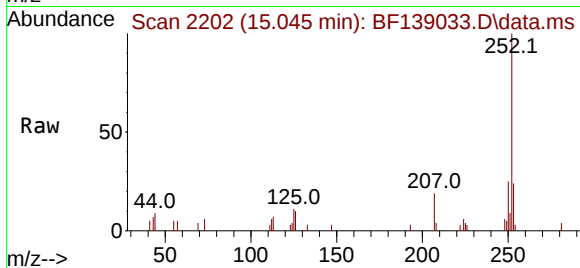
VCPS-B3-081324-0-10

Tgt Ion:	252	Resp:	10000
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.5	26.3
125	11.3	8.9	13.3

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 2.073 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF139033.D

Acq: 15 Aug 2024 20:44

Tgt Ion:	252	Resp:	7311
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.3	25.9
125	12.0	9.5	14.3

