

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139489.D
 Acq On : 20 Sep 2024 03:28
 Operator : RC/JU
 Sample : P4087-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-03

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 05:10:28 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	80727	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	301964	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	155903	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	239967	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	128613	20.000	ng	0.00
86) Perylene-d12	15.498	264	132950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	404421	81.726	ng	0.00
7) Phenol-d6	6.504	99	552273	85.028	ng	0.00
23) Nitrobenzene-d5	7.440	82	372944	58.062	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	115180	69.395	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	686301	61.740	ng	0.00
79) Terphenyl-d14	12.975	244	417455	53.277	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.604	202	35388	2.862	ng	98
78) Pyrene	12.833	202	33209	3.007	ng	98
83) Chrysene	14.051	228	21224	2.708	ng	97
88) Benzo(b)fluoranthene	15.069	252	29215m	3.563	ng	
90) Benzo(a)pyrene	15.433	252	14735	2.167	ng	98

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

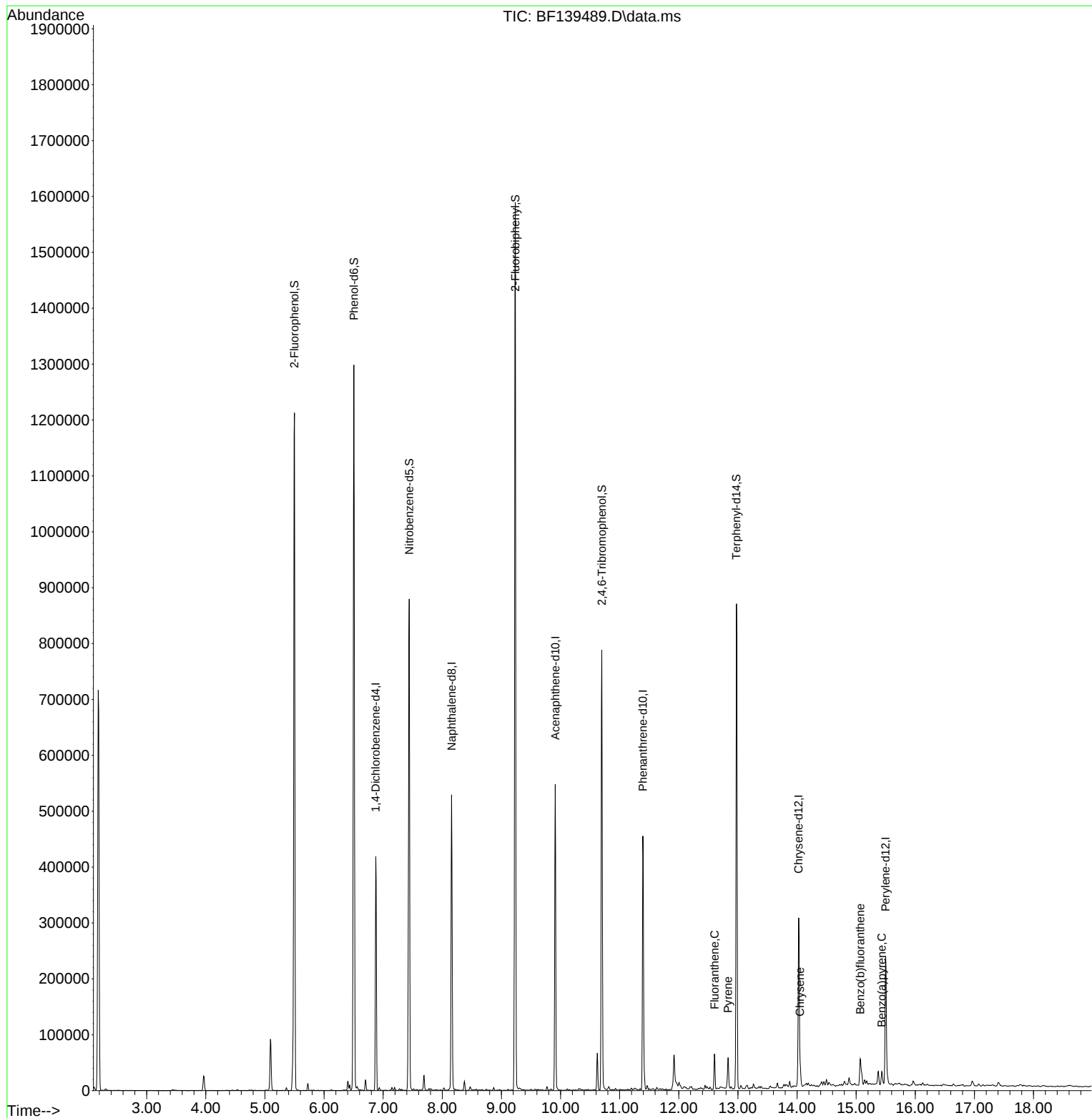
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
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ALS Vial : 23 Sample Multiplier: 1

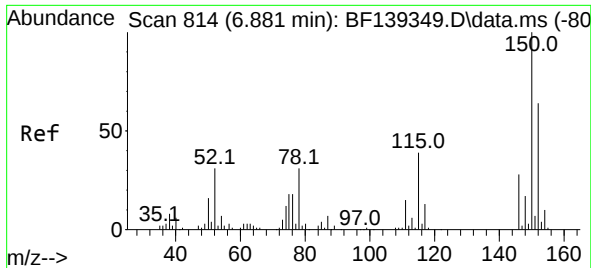
Instrument :
BNA_F
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NB-614-COMP-03

Quant Time: Sep 20 05:10:28 2024
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Manual Integrations
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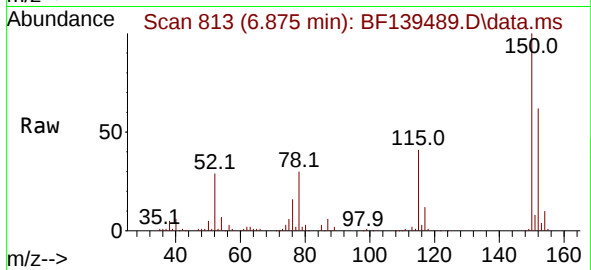
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

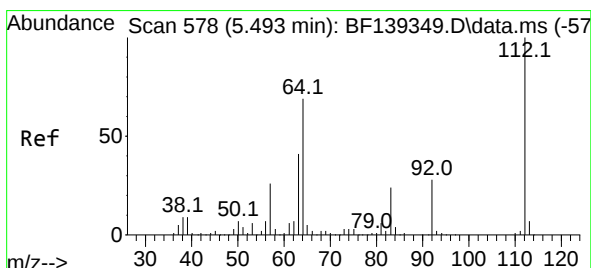
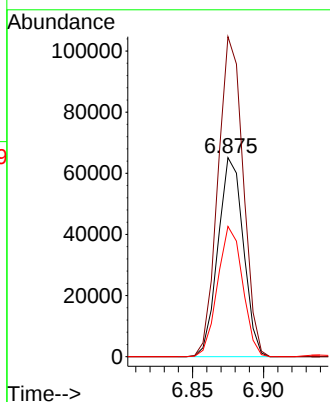
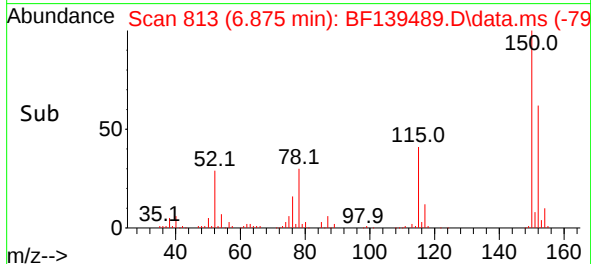
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03



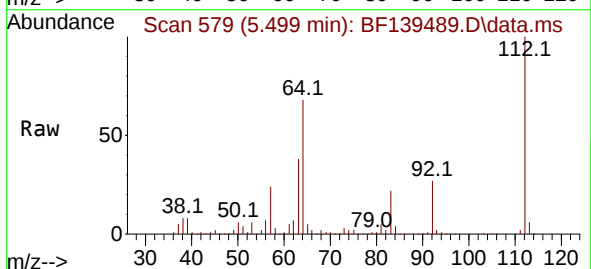
Tgt Ion:152 Resp: 80721
Ion Ratio Lower Upper
152 100
150 160.8 124.1 186.1
115 65.4 48.1 72.1

Manual Integrations
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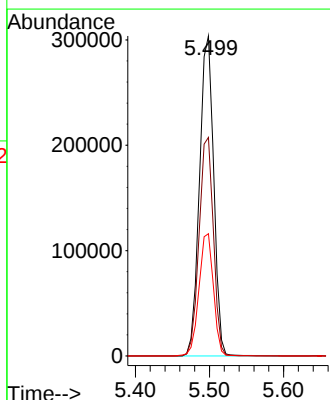
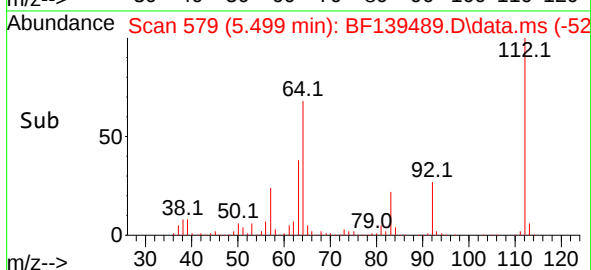
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

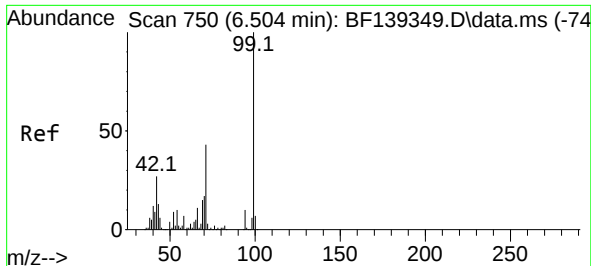


#5
2-Fluorophenol
Concen: 81.726 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28



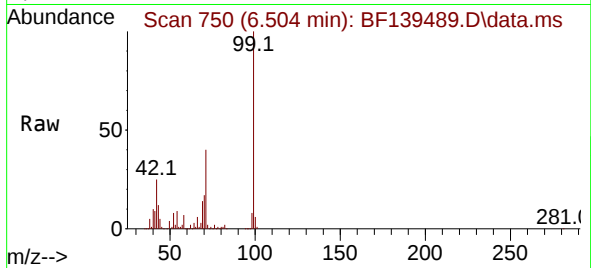
Tgt Ion:112 Resp: 404421
Ion Ratio Lower Upper
112 100
64 68.3 54.8 82.2
63 38.2 33.0 49.4





#7
Phenol-d6
Concen: 85.028 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

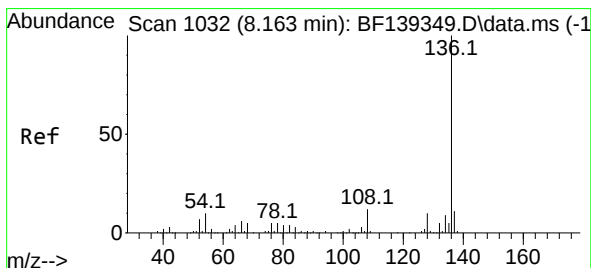
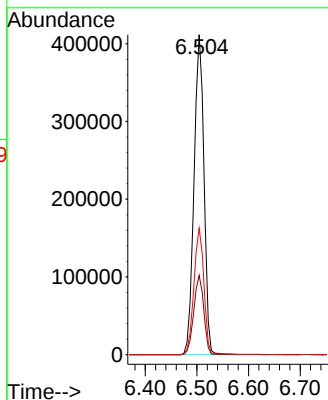
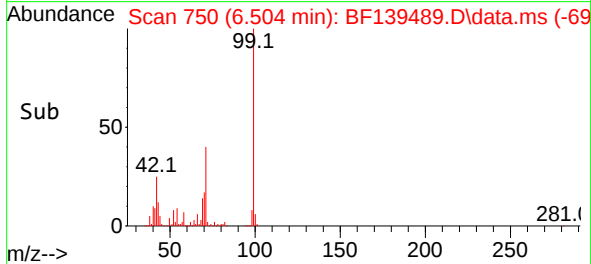
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03



Tgt Ion: 99 Resp: 55227
Ion Ratio Lower Upper
99 100
42 24.7 21.9 32.9
71 39.5 34.6 52.0

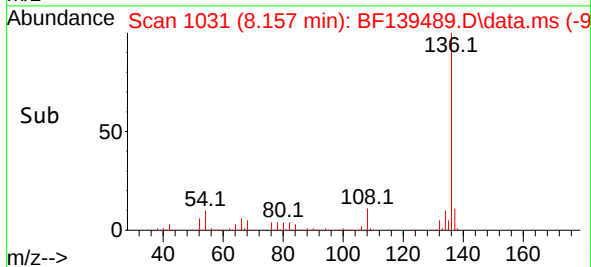
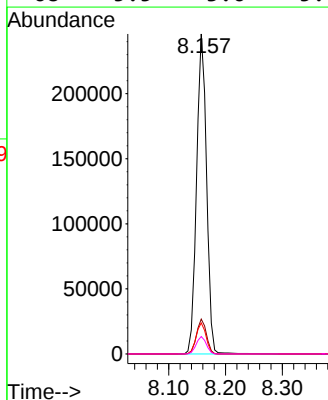
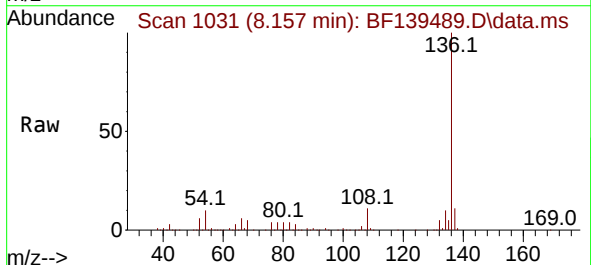
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Supervised By :mohammad ahmed 09/22/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Tgt Ion:136 Resp: 301964
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 7.8 11.8
68 5.5 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 58.062 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139489.D

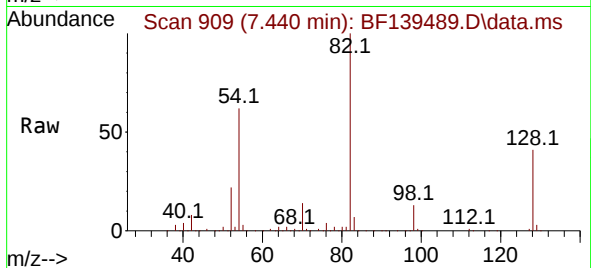
Acq: 20 Sep 2024 03:28

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03



Tgt Ion: 82 Resp: 372944

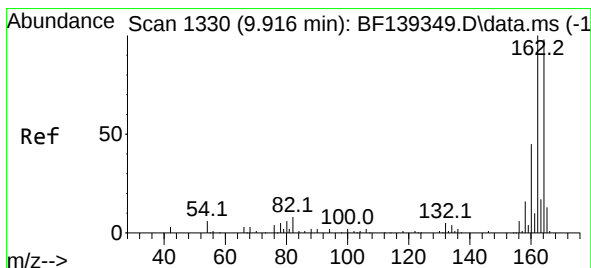
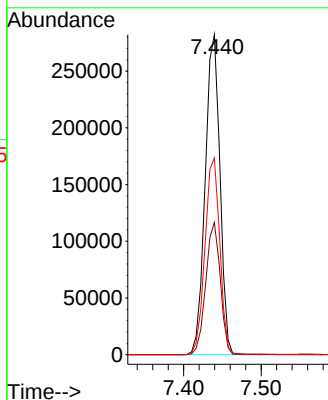
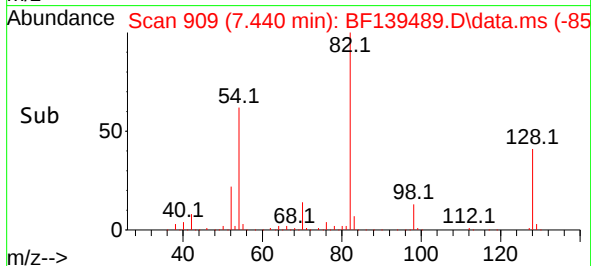
Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.8	47.6
54	61.5	50.6	75.8

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Supervised By :mohammad ahmed 09/22/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

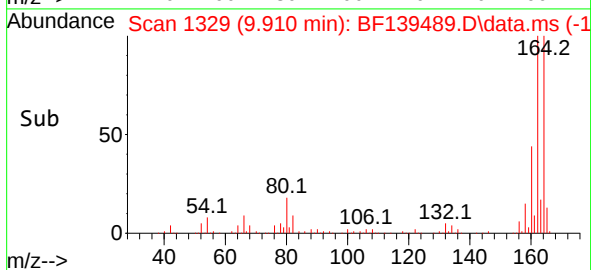
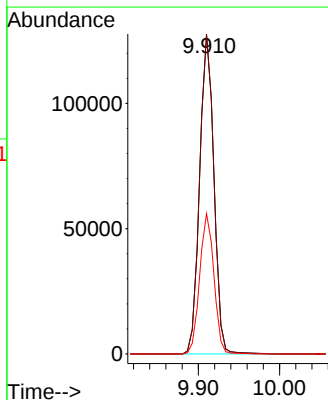
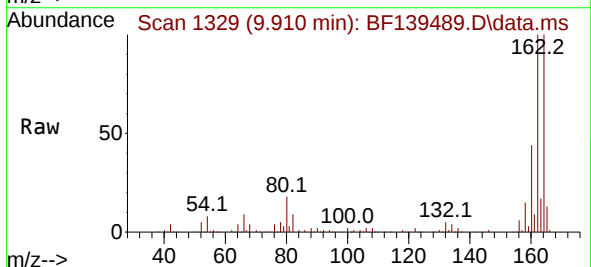
Delta R.T. -0.006 min

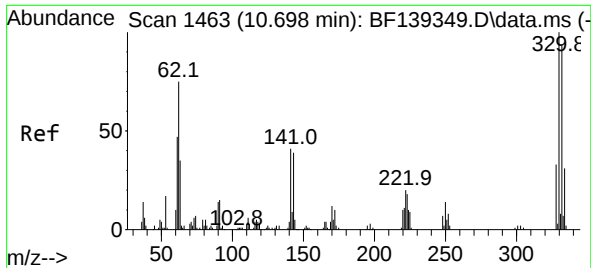
Lab File: BF139489.D

Acq: 20 Sep 2024 03:28

Tgt Ion:164 Resp: 155903

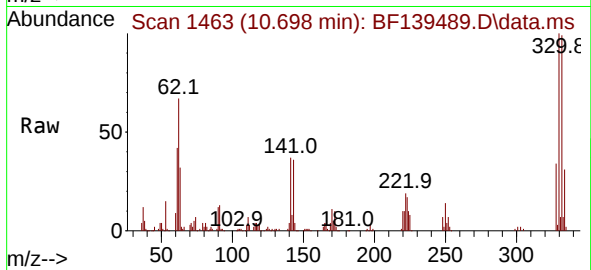
Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.3	121.9
160	43.8	36.4	54.6





#42
2,4,6-Tribromophenol
Concen: 69.395 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

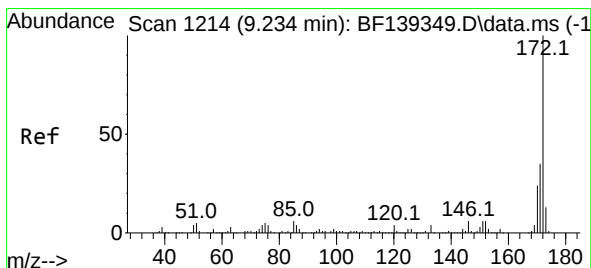
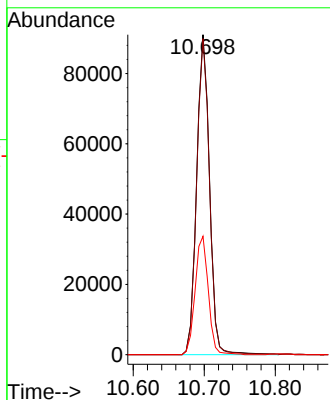
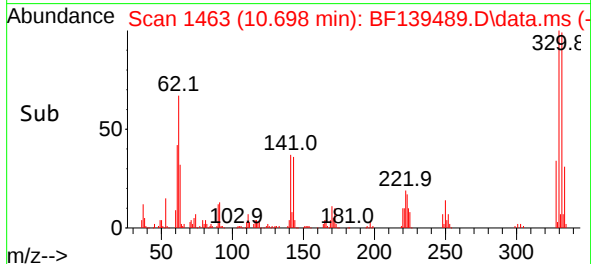
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03



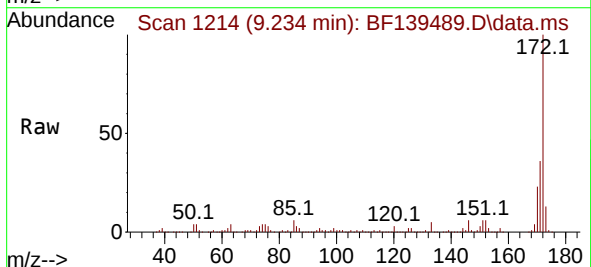
Tgt Ion: 330 Resp: 115180
Ion Ratio Lower Upper
330 100
332 98.7 75.2 112.8
141 37.7 31.2 46.8

Manual Integrations
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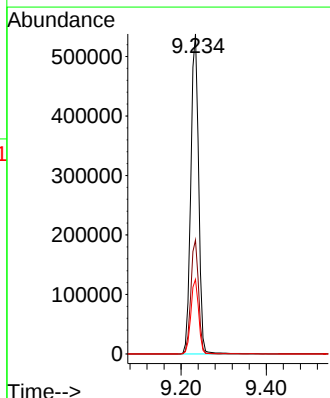
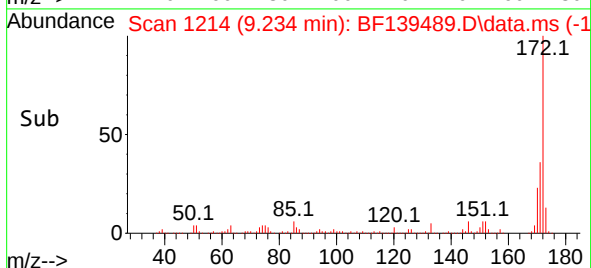
Reviewed By : Yogesh Patel 09/21/2024
Supervised By : mohammad ahmed 09/22/2024



#45
2-Fluorobiphenyl
Concen: 61.740 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28



Tgt Ion: 172 Resp: 686301
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF139489.D

Acq: 20 Sep 2024 03:28

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03

Tgt Ion:188 Resp: 23996

Ion Ratio Lower Upper

188 100

94 8.3 5.5 8.3

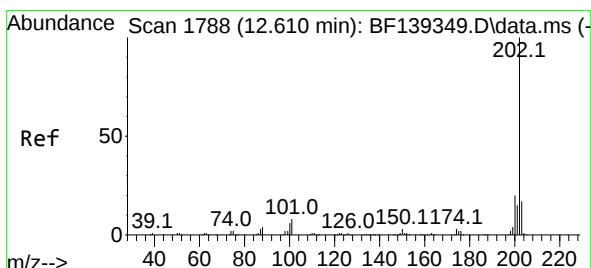
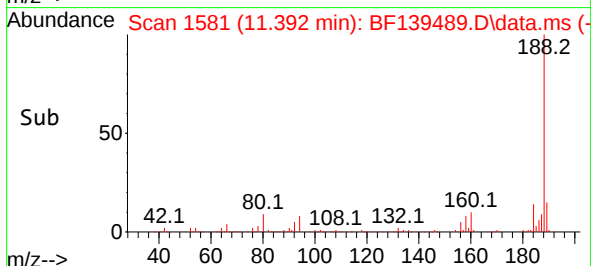
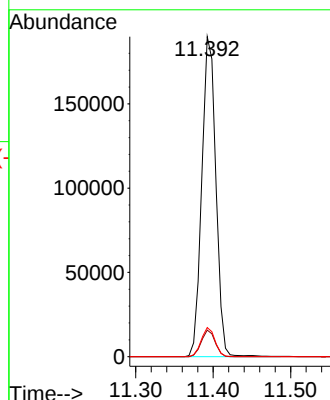
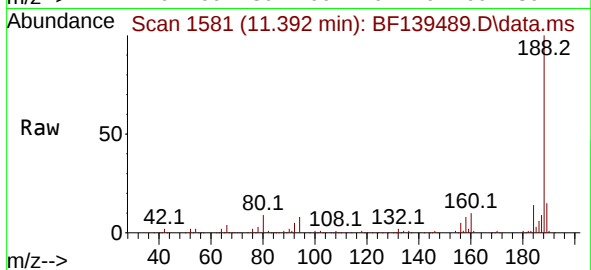
80 9.1 6.6 9.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#75

Fluoranthene

Concen: 2.862 ng

RT: 12.604 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BF139489.D

Acq: 20 Sep 2024 03:28

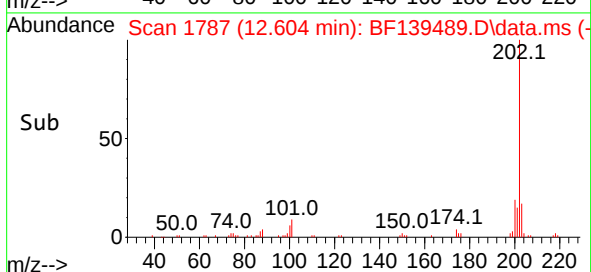
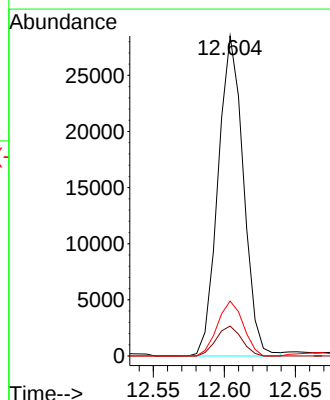
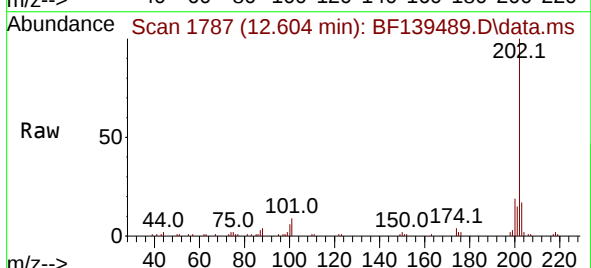
Tgt Ion:202 Resp: 35388

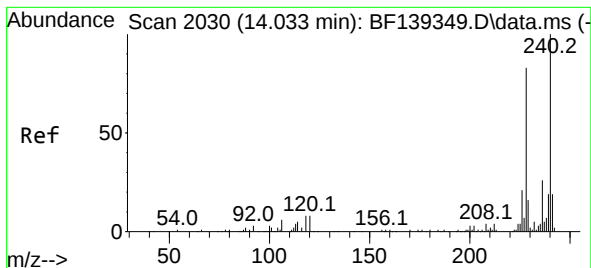
Ion Ratio Lower Upper

202 100

101 9.4 0.0 27.7

203 17.1 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139489.D

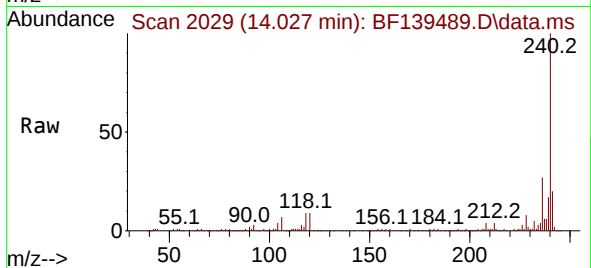
Acq: 20 Sep 2024 03:28

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03



Tgt Ion:240 Resp: 12861

Ion Ratio Lower Upper

240 100

120 9.1 6.2 9.2

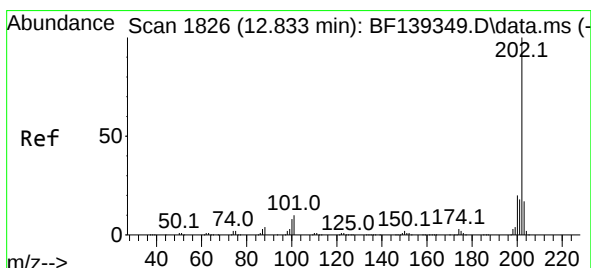
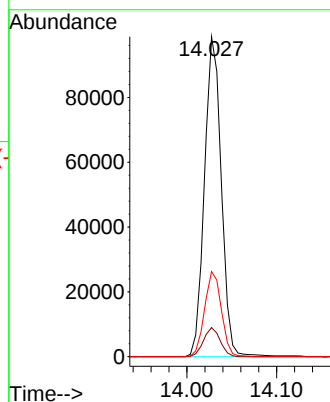
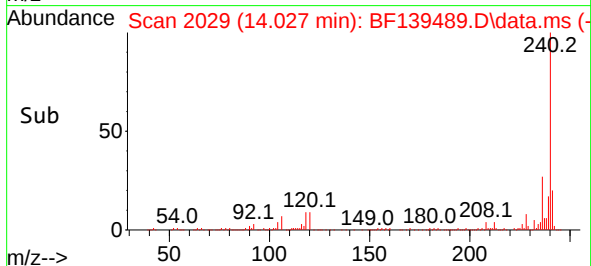
236 26.6 20.9 31.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

Concen: 3.007 ng

RT: 12.833 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF139489.D

Acq: 20 Sep 2024 03:28

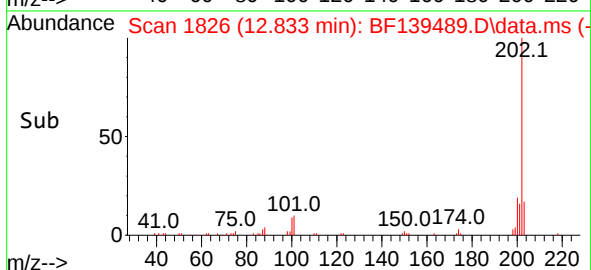
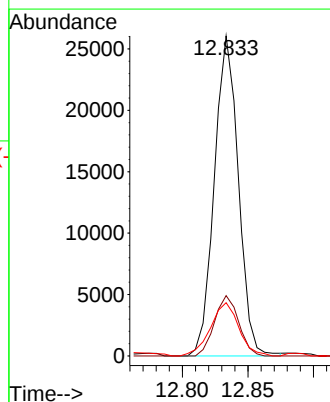
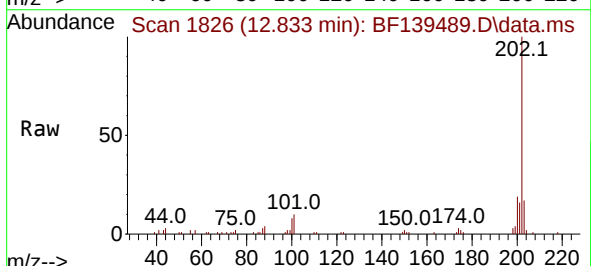
Tgt Ion:202 Resp: 33209

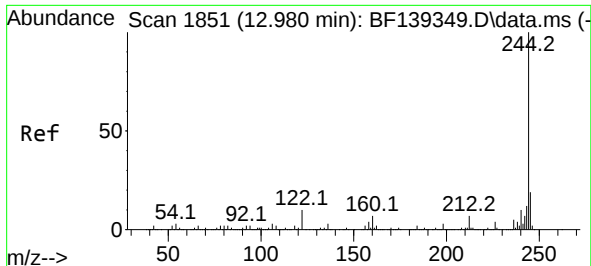
Ion Ratio Lower Upper

202 100

200 18.9 16.2 24.2

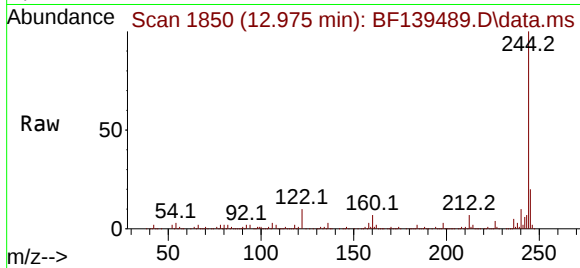
203 16.7 13.9 20.9





#79
 Terphenyl-d14
 Concen: 53.277 ng
 RT: 12.975 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139489.D
 Acq: 20 Sep 2024 03:28

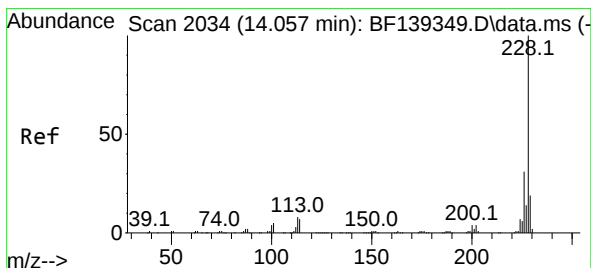
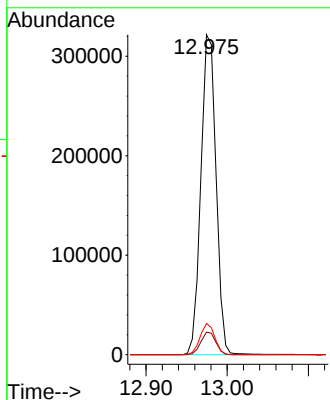
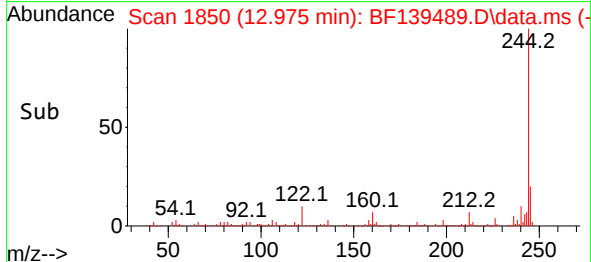
Instrument :
 BNA_F
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 NB-614-COMP-03



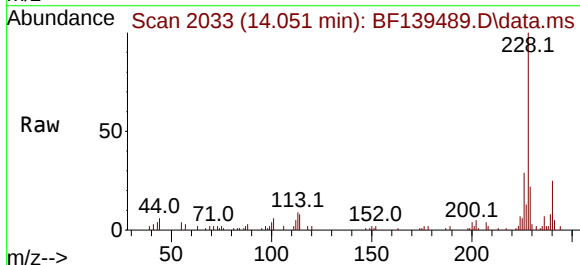
Tgt Ion:244 Resp: 41745
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.8 7.6 11.4

Manual Integrations
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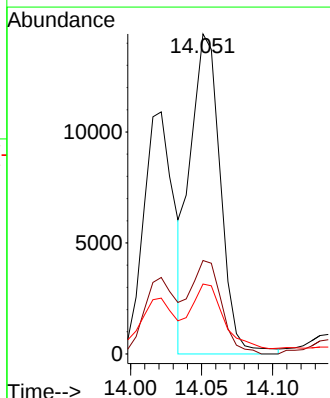
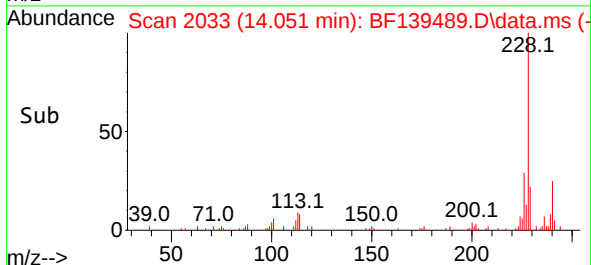
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

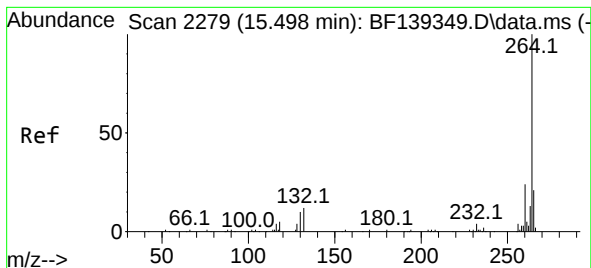


#83
 Chrysene
 Concen: 2.708 ng
 RT: 14.051 min Scan# 2033
 Delta R.T. -0.006 min
 Lab File: BF139489.D
 Acq: 20 Sep 2024 03:28



Tgt Ion:228 Resp: 21224
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.1 36.1
 229 21.8 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139489.D

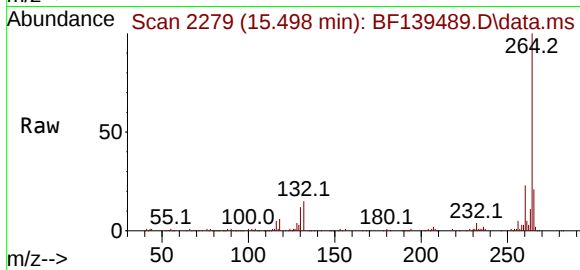
Acq: 20 Sep 2024 03:28

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03



Tgt Ion: 264 Resp: 132950

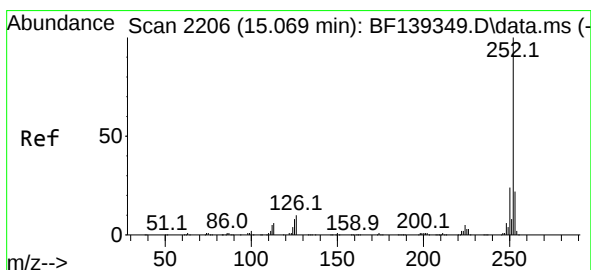
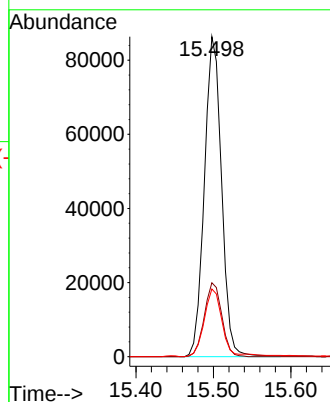
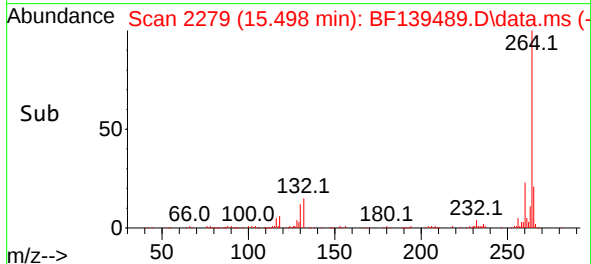
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.2	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

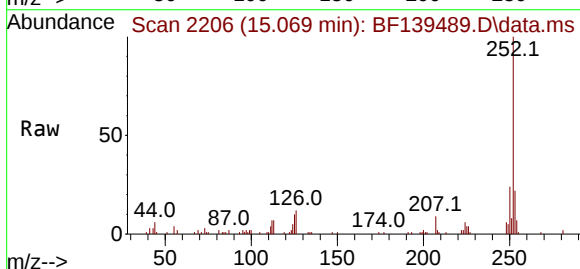
Concen: 3.563 ng m

RT: 15.069 min Scan# 2206

Delta R.T. 0.000 min

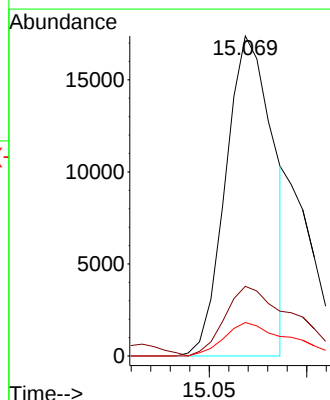
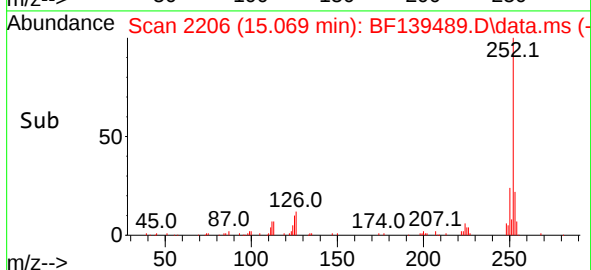
Lab File: BF139489.D

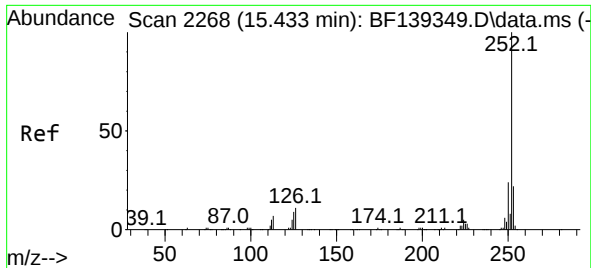
Acq: 20 Sep 2024 03:28



Tgt Ion: 252 Resp: 29215

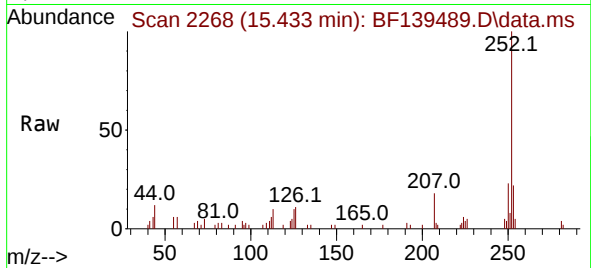
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.4	6.2	9.2





#90
Benzo(a)pyrene
Concen: 2.167 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03



Tgt Ion:252 Resp: 14735
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.9 6.8 10.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

