

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101489.D
 Acq On : 5 Nov 2024 21:03
 Operator : RC/JU
 Sample : P4682-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BELL-SHOP-RAGS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 06 00:04:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	77929	20.000	ng	0.00
21) Naphthalene-d8	10.344	136	335952	20.000	ng	# 0.00
39) Acenaphthene-d10	14.187	164	208971	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	400381	20.000	ng	0.00
76) Chrysene-d12	21.125	240	124850	20.000	ng	# 0.05
86) Perylene-d12	23.476	264	132821	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.350	112	327112	73.569	ng	0.03
7) Phenol-d6	7.030	99	399370	64.777	ng	0.08
23) Nitrobenzene-d5	8.781	82	286354	53.536	ng	0.00
42) 2,4,6-Tribromophenol	15.691	330	274338	74.903	ng	0.00
45) 2-Fluorobiphenyl	12.806	172	688569	55.803	ng	0.00
79) Terphenyl-d14	19.521	244	868041	160.019	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	11.983	142	130965	10.618	ng	97
38) 1-Methylnaphthalene	12.207	142	92292m	7.497	ng	
60) Diethylphthalate	15.009	149	33920	2.198	ng	95
66) n-Nitrosodiphenylamine	15.462	169	99887	9.408	ng	99
71) Phenanthrene	16.960	178	109011	5.687	ng	# 92
74) Di-n-butylphthalate	17.823	149	168583	7.995	ng	99
75) Fluoranthene	18.969	202	61765	2.653	ng	93
78) Pyrene	19.339	202	66174m	9.638	ng	
84) Bis(2-ethylhexyl)phtha...	20.926	149	47911	11.982	ng	# 49

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

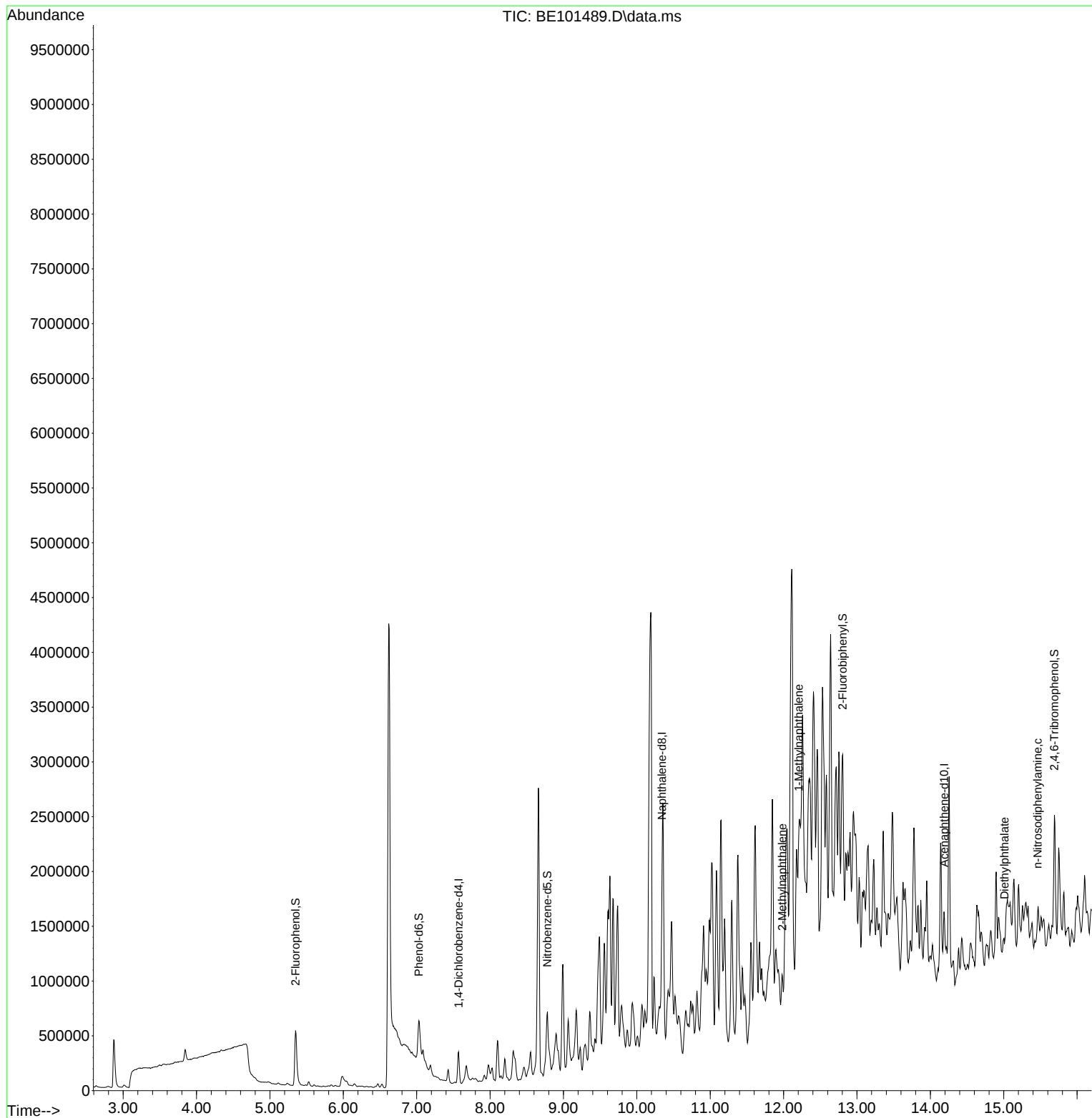
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
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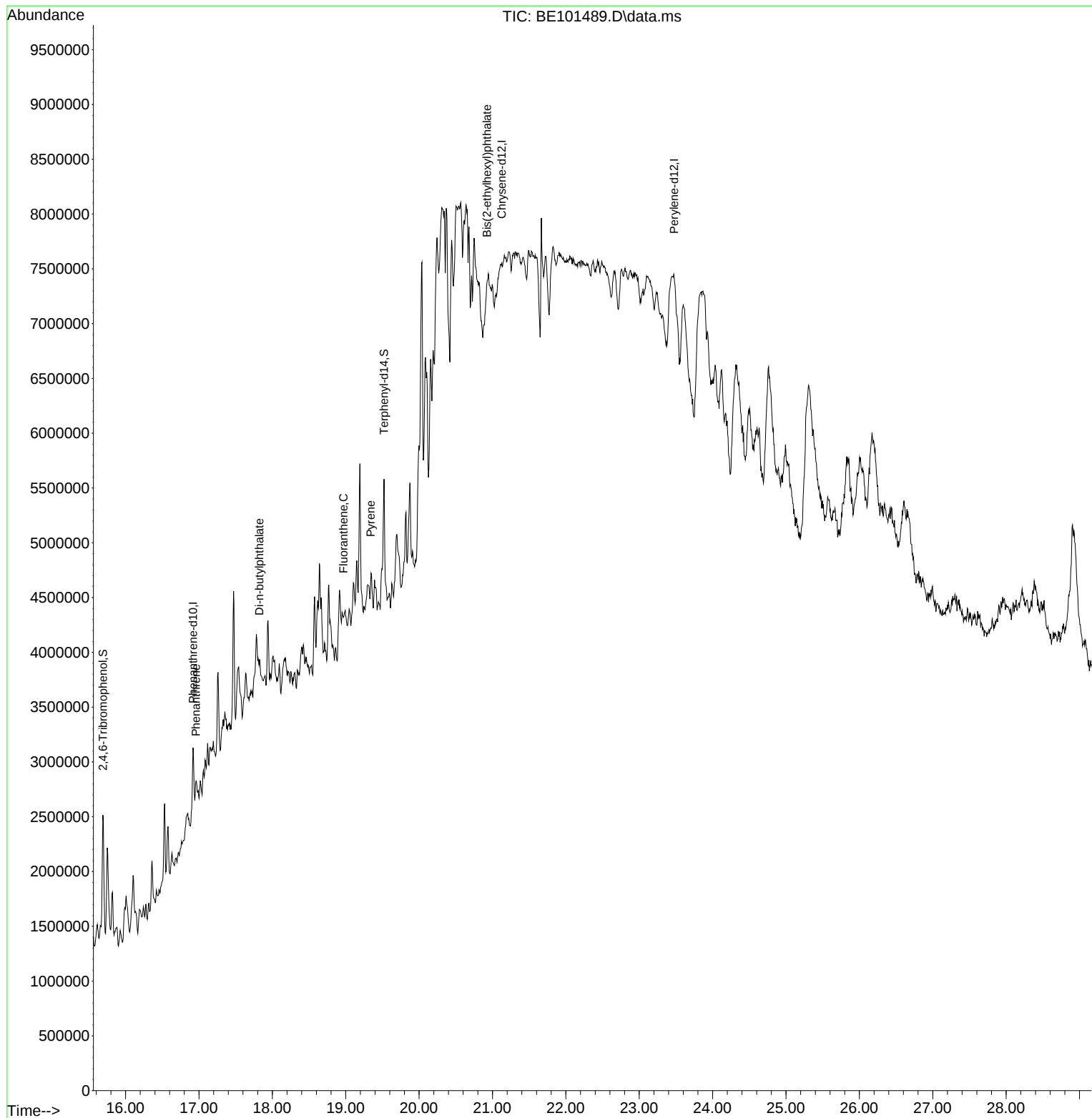
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Sample : P4682-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

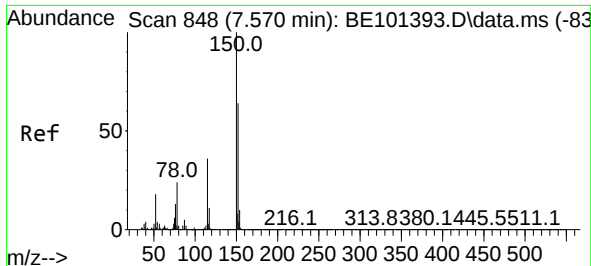
Instrument :
BNA_E
ClientSampleId :
BELL-SHOP-RAGS

Quant Time: Nov 06 00:04:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
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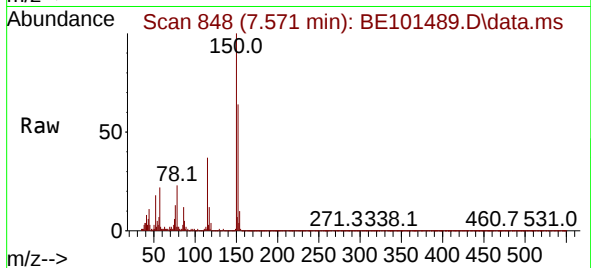
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.571 min Scan# 848
Delta R.T. 0.001 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03

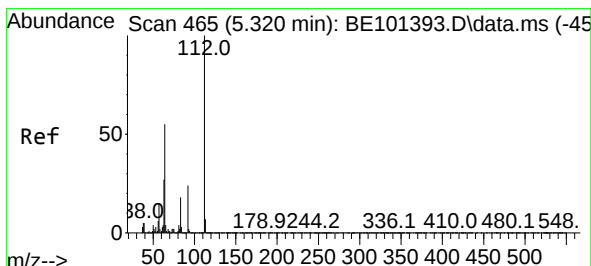
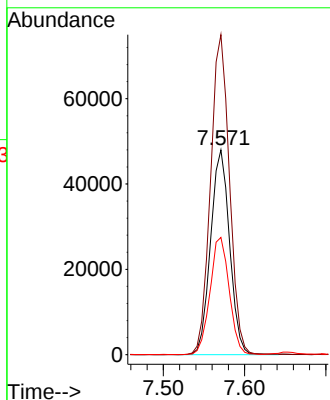
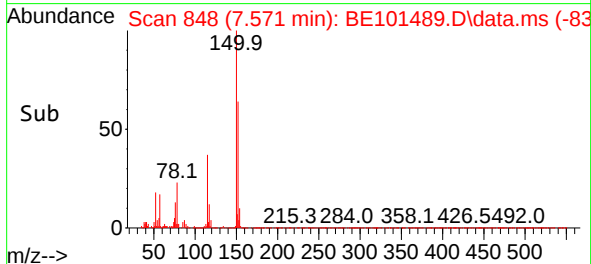
Instrument :
BNA_E
ClientSampleId :
BELL-SHOP-RAGS



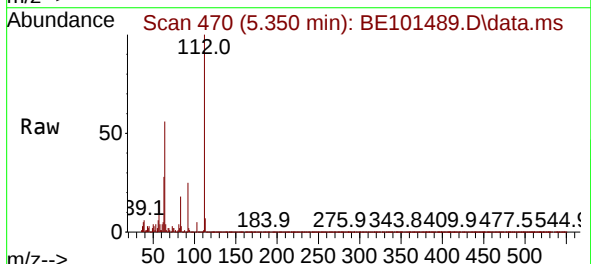
Tgt Ion:152 Resp: 77929
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.4
115 57.3 45.3 67.9

Manual Integrations
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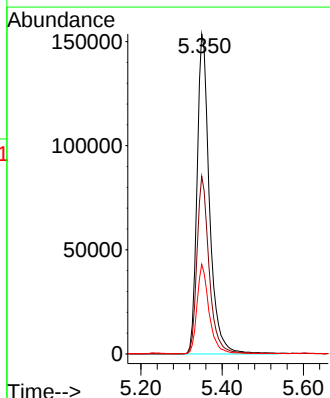
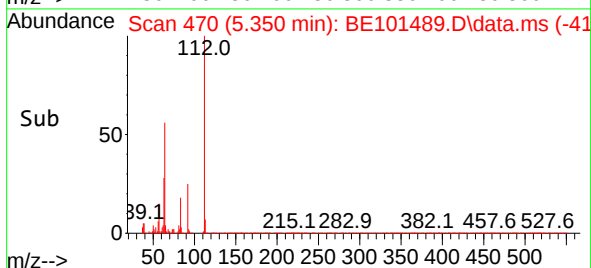
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

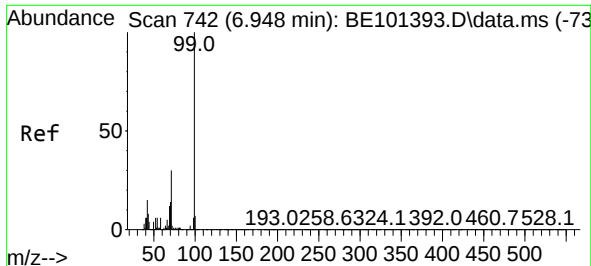


#5
2-Fluorophenol
Concen: 73.569 ng
RT: 5.350 min Scan# 470
Delta R.T. 0.030 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03



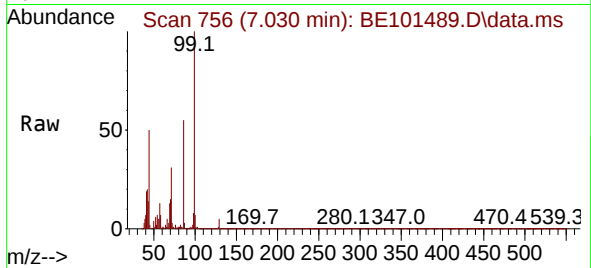
Tgt Ion:112 Resp: 327112
Ion Ratio Lower Upper
112 100
64 55.6 43.7 65.5
63 28.0 21.4 32.2





#7
Phenol-d6
Concen: 64.777 ng
RT: 7.030 min Scan# 71
Delta R.T. 0.083 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03

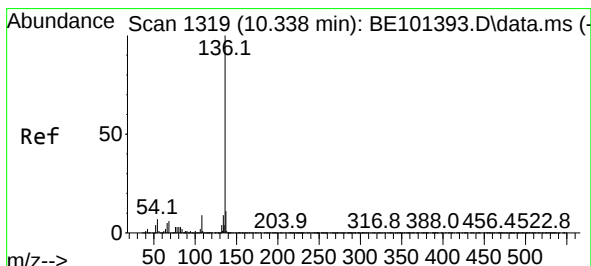
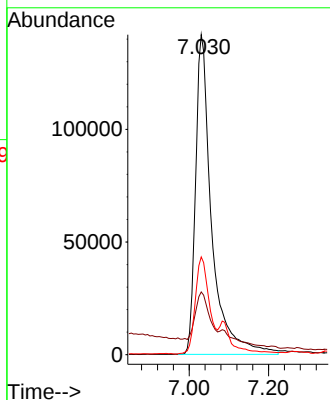
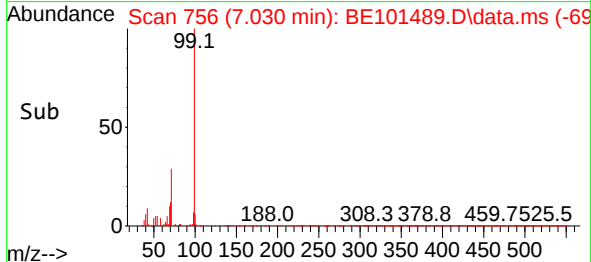
Instrument :
BNA_E
ClientSampleId :
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Tgt Ion: 99 Resp: 399370
Ion Ratio Lower Upper
99 100
42 19.6 12.3 18.5
71 30.6 23.8 35.8

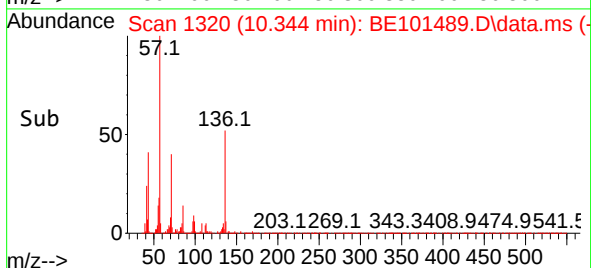
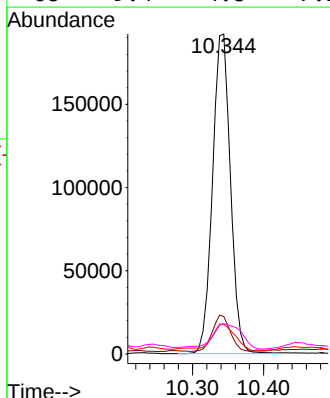
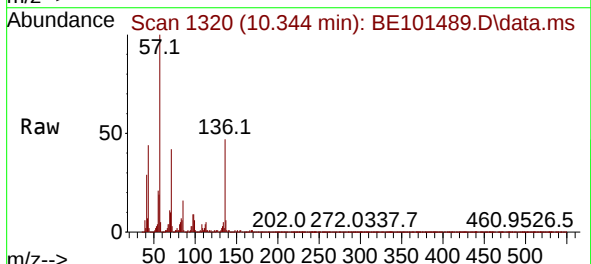
Manual Integrations
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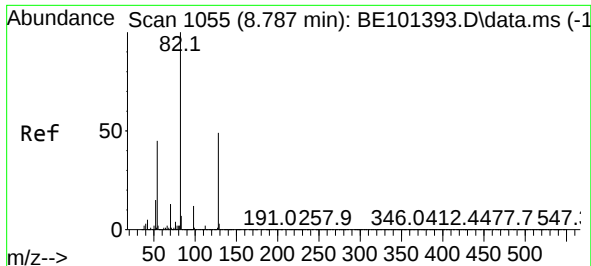
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.344 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03

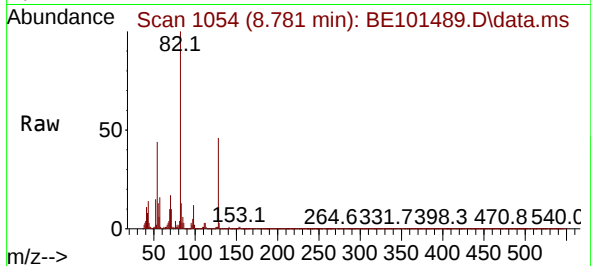
Tgt Ion:136 Resp: 335952
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 9.4 5.9 8.9#
68 9.4 4.8 7.2#





#23
Nitrobenzene-d5
Concen: 53.536 ng
RT: 8.781 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03

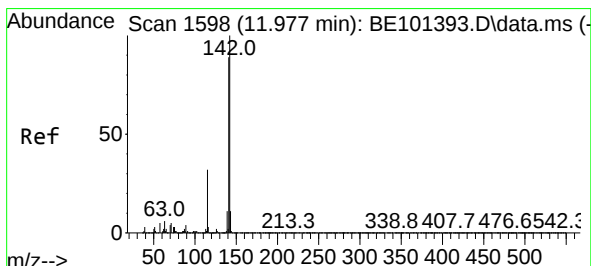
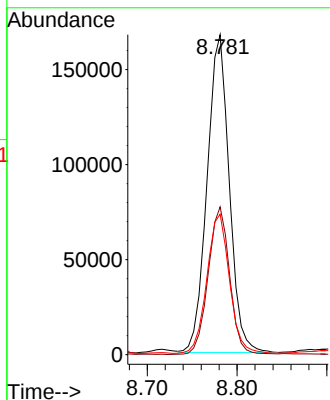
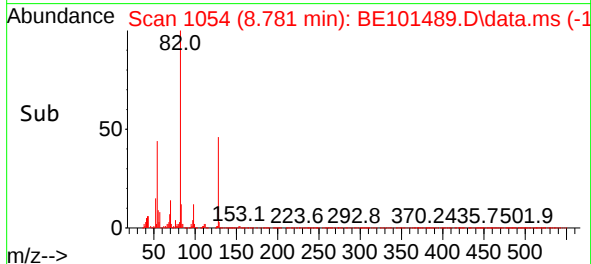
Instrument :
BNA_E
ClientSampleId :
BELL-SHOP-RAGS



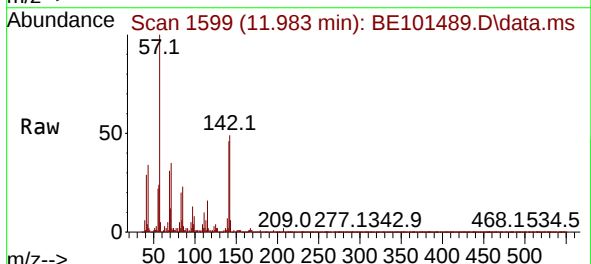
Tgt Ion: 82 Resp: 286354
Ion Ratio Lower Upper
82 100
128 46.2 38.9 58.3
54 43.9 36.2 54.4

Manual Integrations
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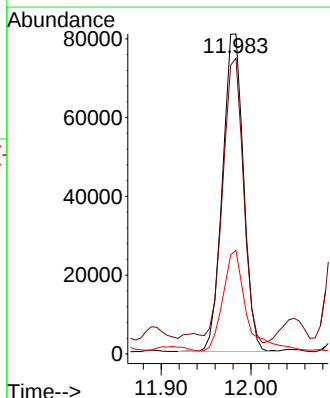
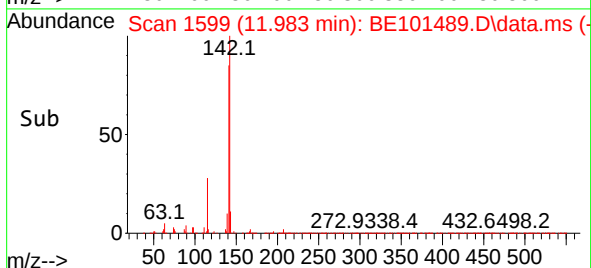
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

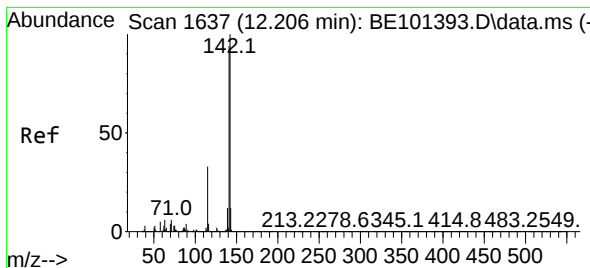


#37
2-Methylnaphthalene
Concen: 10.618 ng
RT: 11.983 min Scan# 1599
Delta R.T. 0.006 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03



Tgt Ion:142 Resp: 130965
Ion Ratio Lower Upper
142 100
141 92.4 71.4 107.2
115 32.4 25.6 38.4





#38

1-Methylnaphthalene

Concen: 7.497 ng m

RT: 12.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: BE101489.D

Acq: 5 Nov 2024 21:03

Instrument :

BNA_E

ClientSampleId :

BELL-SHOP-RAGS

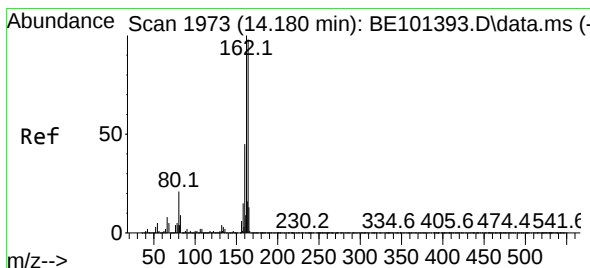
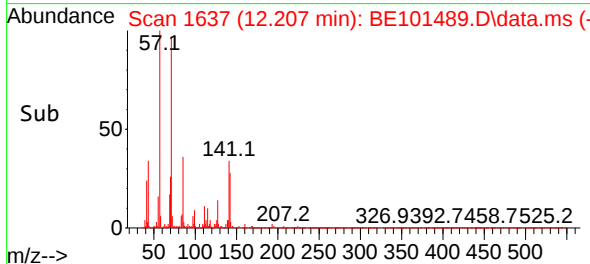
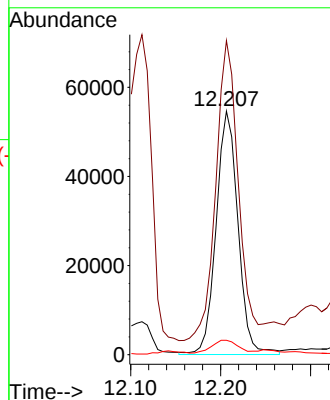
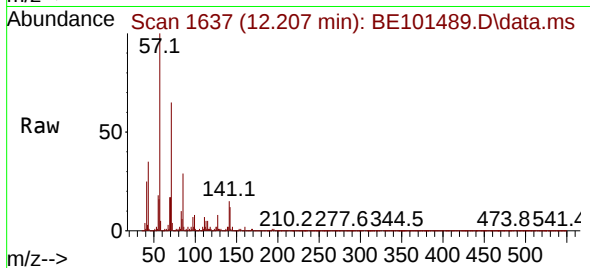
Tgt Ion:	142	Resp:	9229
Ion Ratio	Lower	Upper	
142	100		
141	129.0	75.0	112.4
116	5.9	2.9	4.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

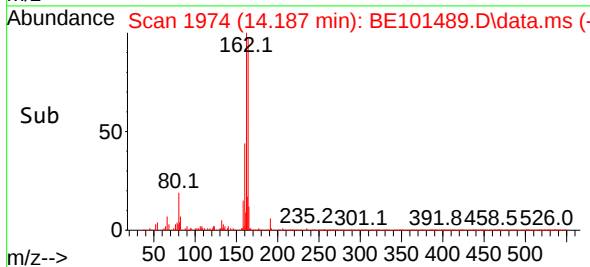
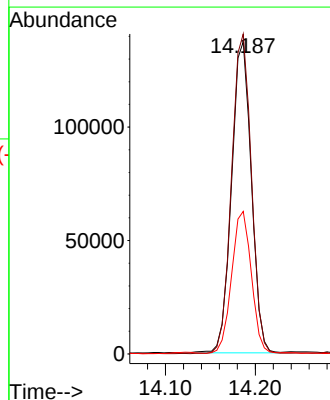
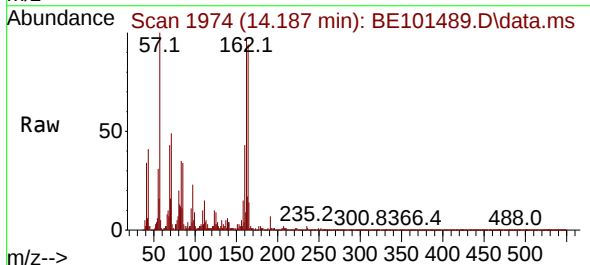
RT: 14.187 min Scan# 1974

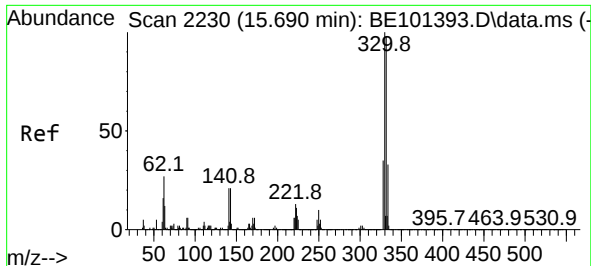
Delta R.T. 0.006 min

Lab File: BE101489.D

Acq: 5 Nov 2024 21:03

Tgt Ion:	164	Resp:	208971
Ion Ratio	Lower	Upper	
164	100		
162	102.5	81.3	121.9
160	45.7	36.4	54.6





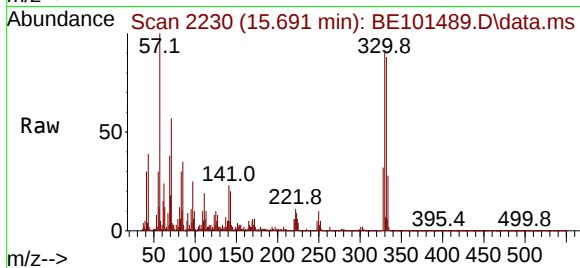
#42
2,4,6-Tribromophenol
Concen: 74.903 ng
RT: 15.691 min Scan# 21
Delta R.T. 0.000 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03

Instrument :

BNA_E

ClientSampleId :

BELL-SHOP-RAGS



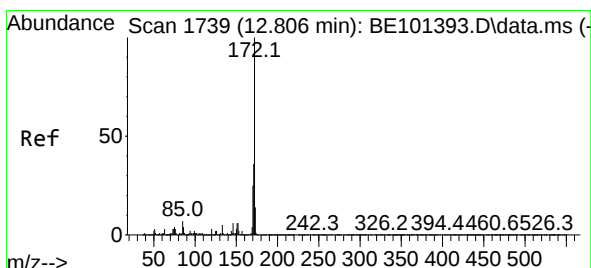
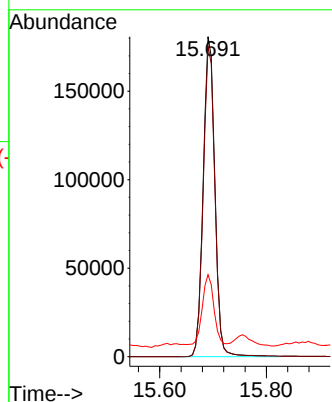
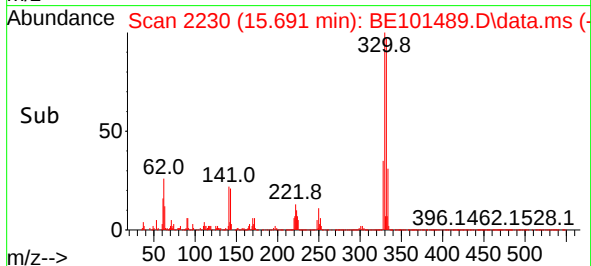
Tgt Ion:330 Resp: 274338
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.2
141 22.3 18.3 27.5

Manual Integrations

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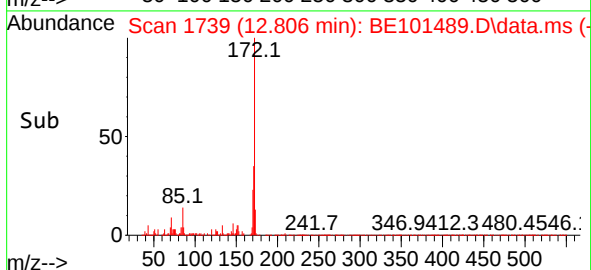
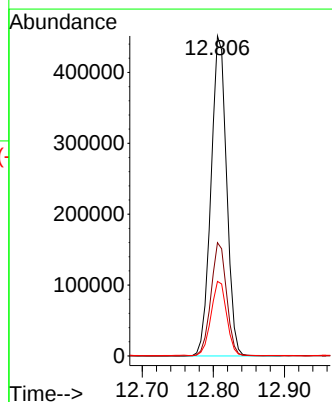
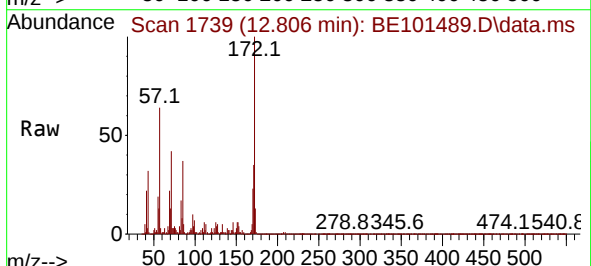
Reviewed By :Yogesh Patel 11/06/2024

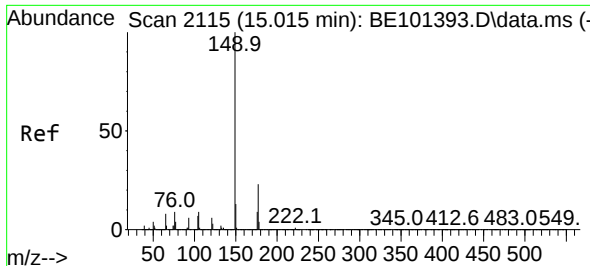
Supervised By :mohammad ahmed 11/06/2024



#45
2-Fluorobiphenyl
Concen: 55.803 ng
RT: 12.806 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03

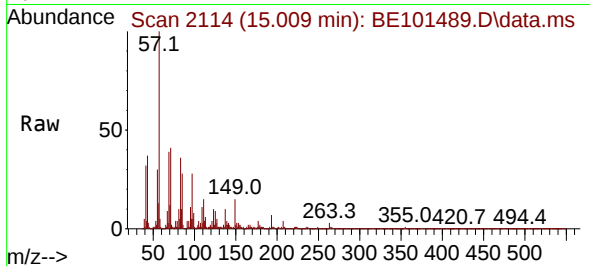
Tgt Ion:172 Resp: 688569
Ion Ratio Lower Upper
172 100
171 35.4 29.2 43.8
170 23.3 19.8 29.6





#60
Diethylphthalate
Concen: 2.198 ng
RT: 15.009 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03

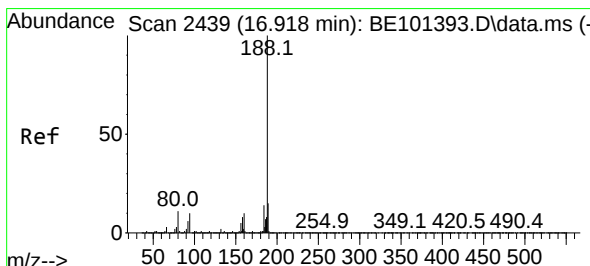
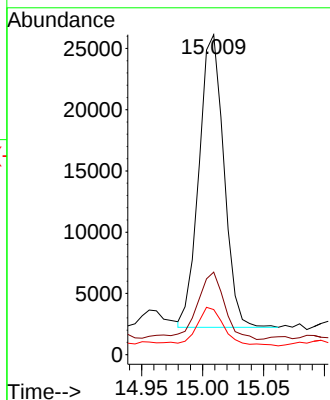
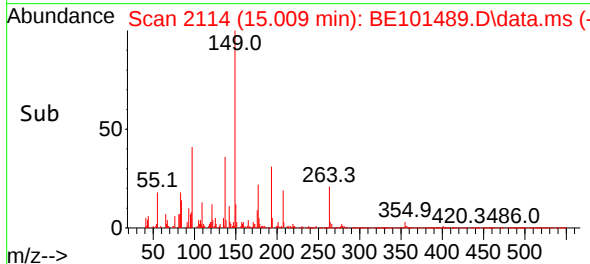
Instrument :
BNA_E
ClientSampleId :
BELL-SHOP-RAGS



Tgt Ion:149 Resp: 33920
Ion Ratio Lower Upper
149 100
177 25.8 18.0 27.0
150 14.1 10.3 15.5

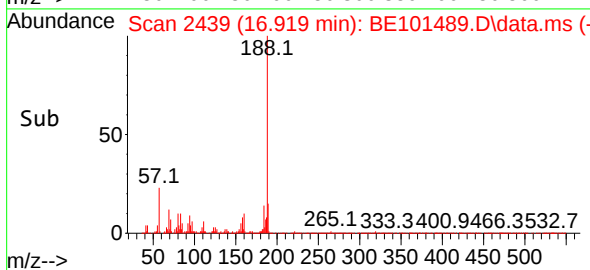
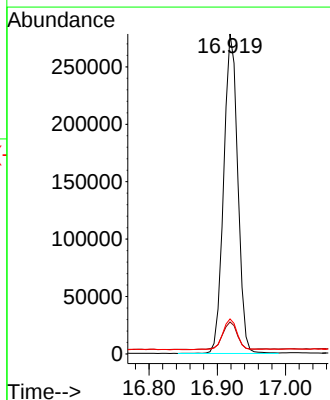
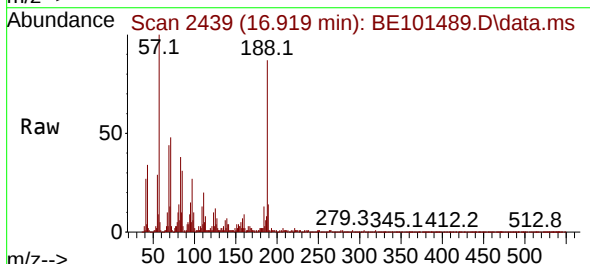
Manual Integrations
APPROVED

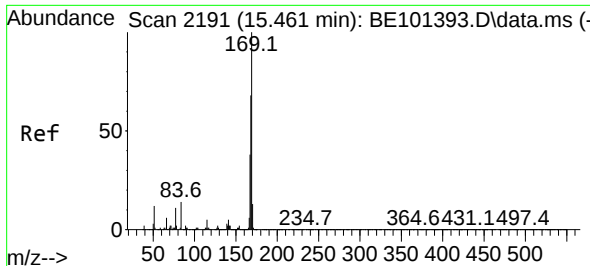
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03

Tgt Ion:188 Resp: 400381
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.8
80 10.9 8.6 12.8





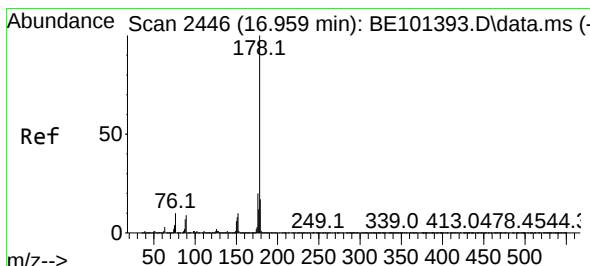
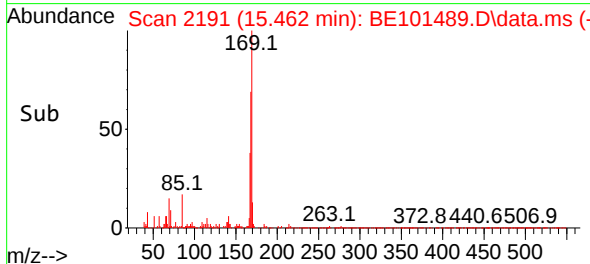
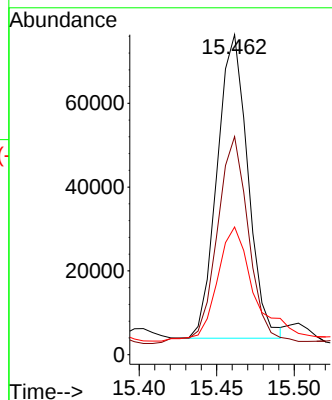
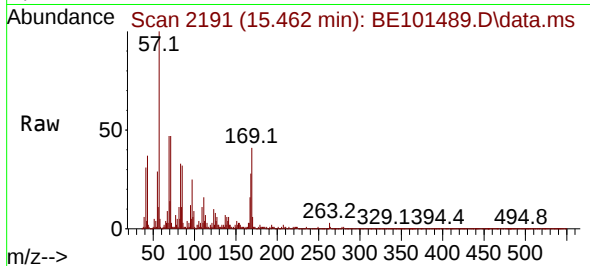
#66
n-Nitrosodiphenylamine
Concen: 9.408 ng
RT: 15.462 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03

Instrument :
BNA_E
ClientSampleId :
BELL-SHOP-RAGS

Tgt Ion:169 Resp: 9988
Ion Ratio Lower Upper
169 100
168 68.2 54.5 81.7
167 39.9 30.4 45.6

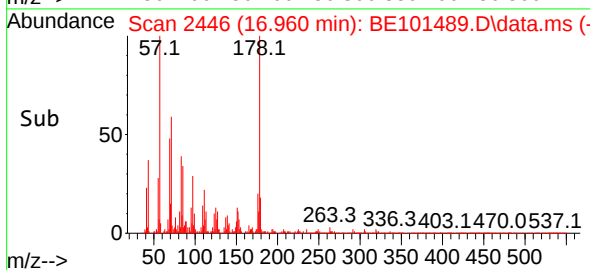
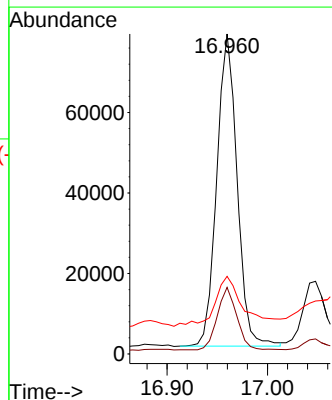
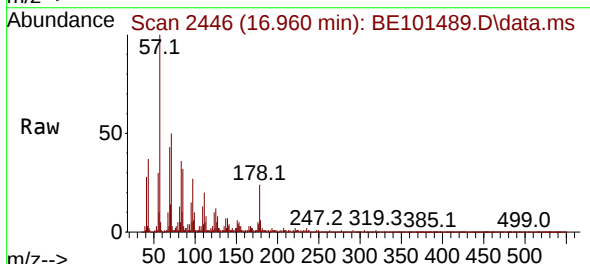
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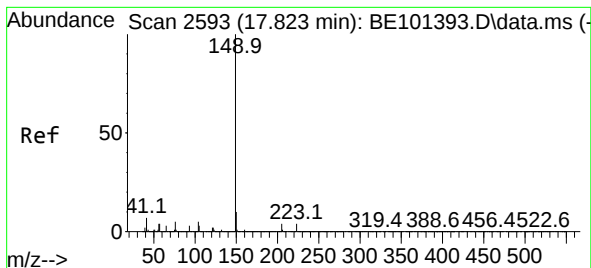
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#71
Phenanthrene
Concen: 5.687 ng
RT: 16.960 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BE101489.D
Acq: 5 Nov 2024 21:03

Tgt Ion:178 Resp: 109011
Ion Ratio Lower Upper
178 100
176 20.8 16.4 24.6
179 24.2 13.2 19.8#





#74

Di-n-butylphthalate

Concen: 7.995 ng

RT: 17.823 min Scan# 21

Delta R.T. 0.000 min

Lab File: BE101489.D

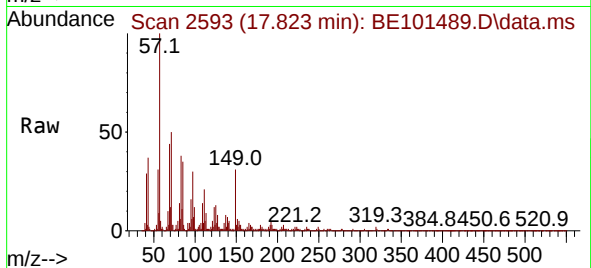
Acq: 5 Nov 2024 21:03

Instrument :

BNA_E

ClientSampleId :

BELL-SHOP-RAGS



Tgt Ion:149 Resp: 16858

Ion Ratio Lower Upper

149 100

150 10.9 8.2 12.4

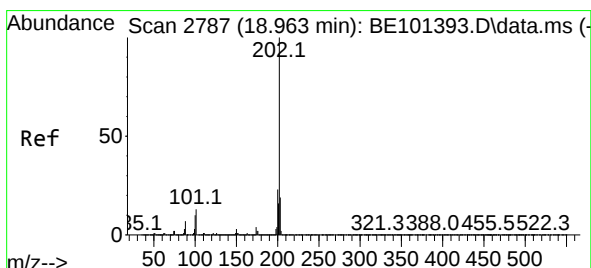
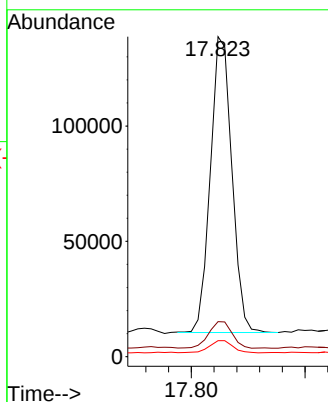
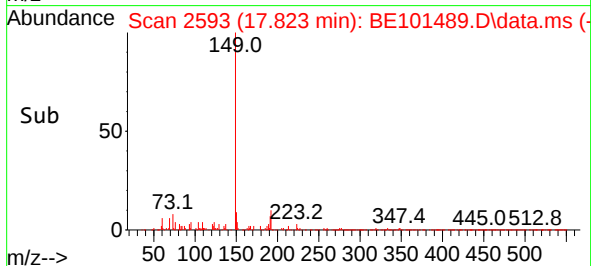
104 5.0 3.9 5.9

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#75

Fluoranthene

Concen: 2.653 ng

RT: 18.969 min Scan# 2788

Delta R.T. 0.006 min

Lab File: BE101489.D

Acq: 5 Nov 2024 21:03

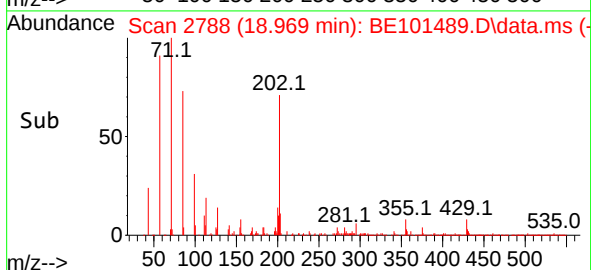
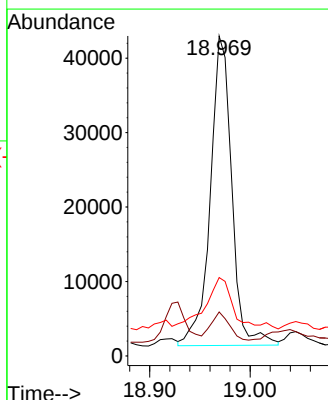
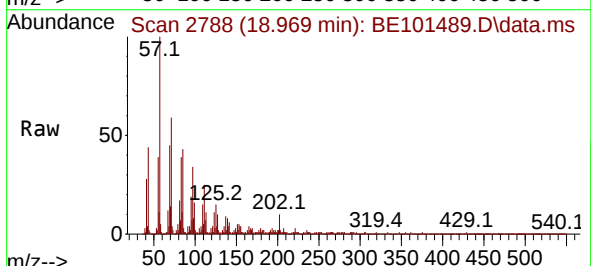
Tgt Ion:202 Resp: 61765

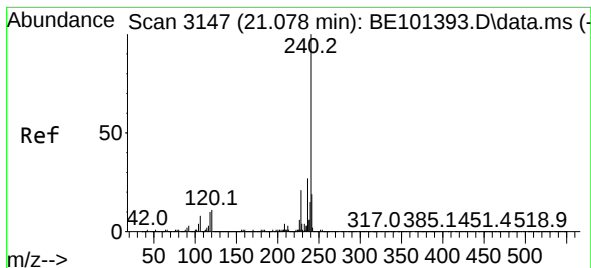
Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.3

203 24.5 0.0 39.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.125 min Scan# 3147

Delta R.T. 0.047 min

Lab File: BE101489.D

Acq: 5 Nov 2024 21:03

Instrument :

BNA_E

ClientSampleId :

BELL-SHOP-RAGS

Tgt Ion:240 Resp: 124850

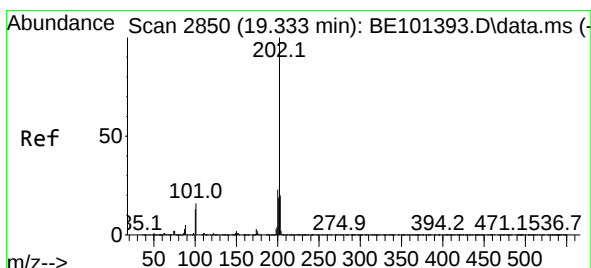
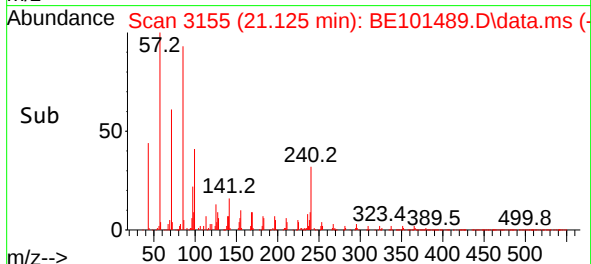
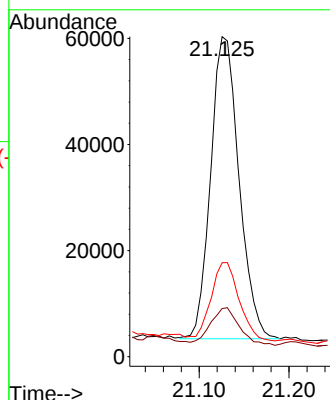
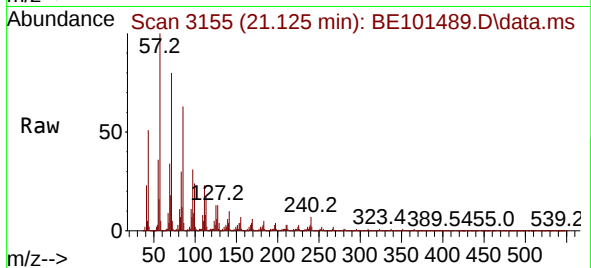
Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.0	13.4
236	29.4	21.4	32.0

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#78

Pyrene

Concen: 9.638 ng m

RT: 19.339 min Scan# 2851

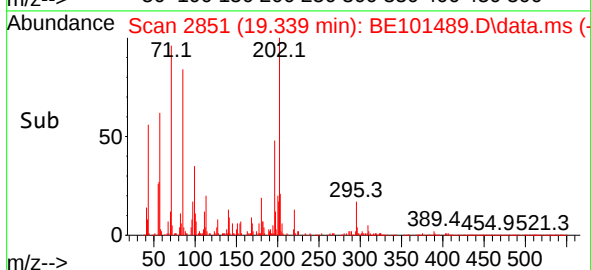
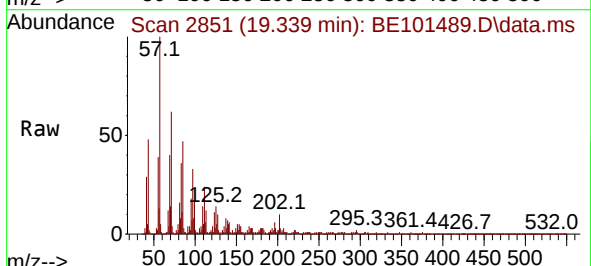
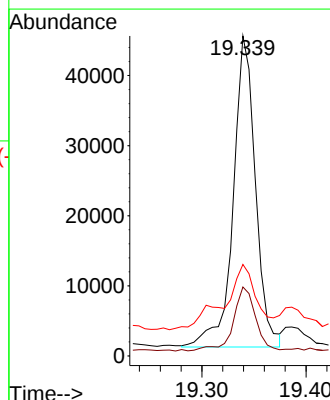
Delta R.T. 0.006 min

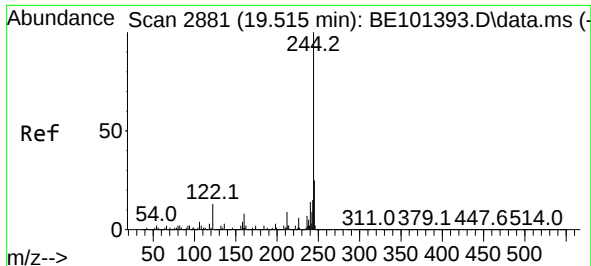
Lab File: BE101489.D

Acq: 5 Nov 2024 21:03

Tgt Ion:202 Resp: 66174

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.6	28.0
203	28.6	15.6	23.4





#79
 Terphenyl-d14
 Concen: 160.019 ng
 RT: 19.521 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BE101489.D
 Acq: 5 Nov 2024 21:03

Instrument :

BNA_E

ClientSampleId :

BELL-SHOP-RAGS

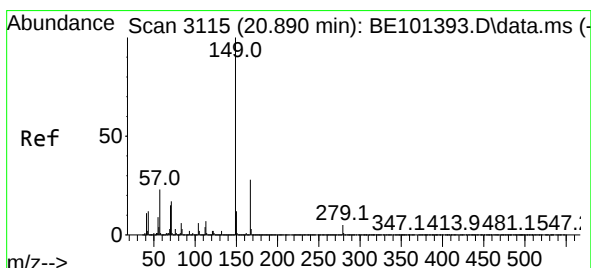
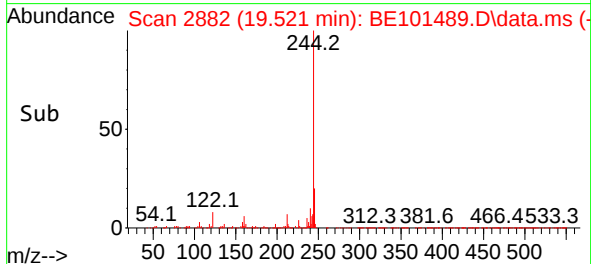
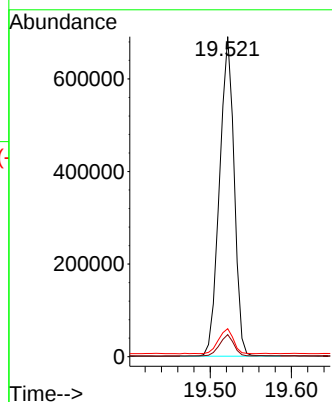
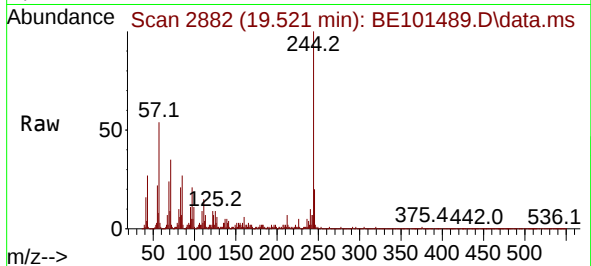
Tgt Ion:244 Resp: 86804
 Ion Ratio Lower Upper
 244 100
 212 6.9 7.2 10.8
 122 8.8 10.4 15.6

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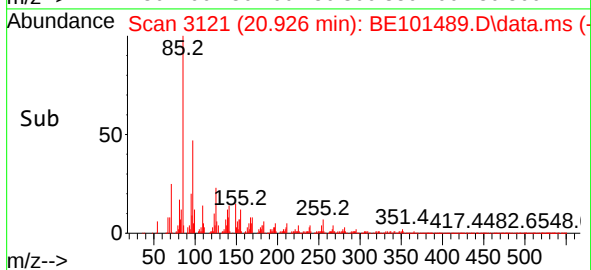
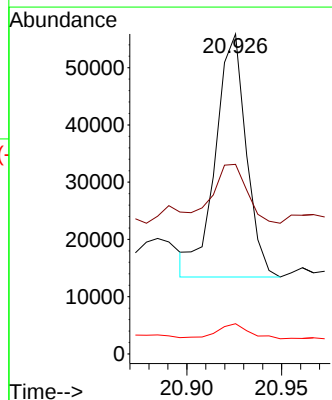
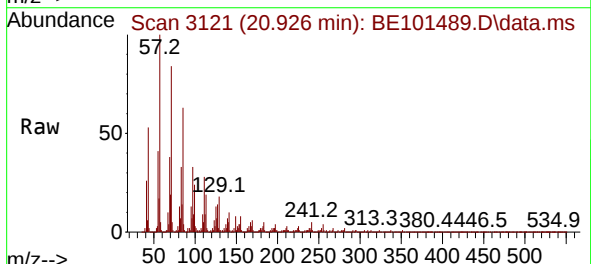
Reviewed By :Yogesh Patel 11/06/2024

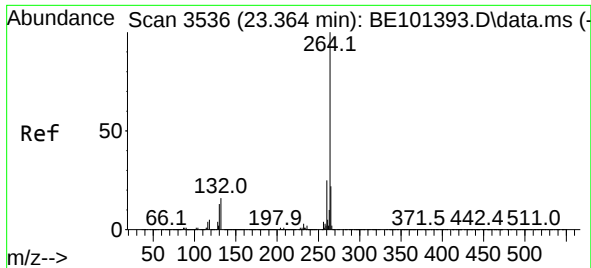
Supervised By :mohammad ahmed 11/06/2024



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.982 ng
 RT: 20.926 min Scan# 3121
 Delta R.T. 0.036 min
 Lab File: BE101489.D
 Acq: 5 Nov 2024 21:03

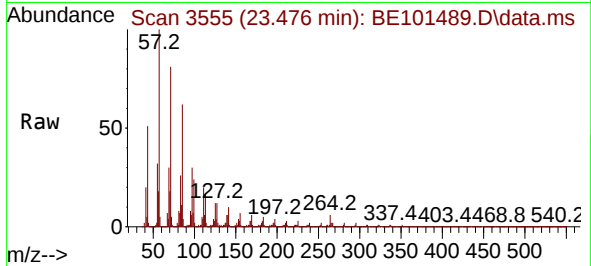
Tgt Ion:149 Resp: 47911
 Ion Ratio Lower Upper
 149 100
 167 59.2 22.7 34.1#
 279 9.4 4.3 6.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.476 min Scan# 31
 Delta R.T. 0.112 min
 Lab File: BE101489.D
 Acq: 5 Nov 2024 21:03

Instrument :
 BNA_E
 ClientSampleId :
 BELL-SHOP-RAGS



Tgt Ion:264 Resp: 13282
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.8 29.8
 265 26.4 17.6 26.4

Manual Integrations
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Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

