

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140279.D
 Acq On : 07 Nov 2024 17:06
 Operator : RC/JU
 Sample : P4720-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-701-COMP-01

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 01:29:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	117057	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	441041	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	243083	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	358575	20.000	ng	0.00
76) Chrysene-d12	14.051	240	259506	20.000	ng	-0.01
86) Perylene-d12	15.533	264	230041	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	84885	12.017	ng	0.00
7) Phenol-d6	6.493	99	108235	11.913	ng	-0.01
23) Nitrobenzene-d5	7.434	82	71588	8.070	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	24178	10.063	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	138126	9.073	ng	-0.01
79) Terphenyl-d14	12.986	244	117957	7.446	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.428	178	41242	2.410	ng	97
75) Fluoranthene	12.616	202	81317	4.545	ng	99
78) Pyrene	12.845	202	77303	3.608	ng	97
81) Benzo(a)anthracene	14.039	228	40066	2.406	ng	93
83) Chrysene	14.074	228	41044	2.632	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	1126782	104.201	ng	# 98
88) Benzo(b)fluoranthene	15.098	252	50329m	3.617	ng	
90) Benzo(a)pyrene	15.468	252	30647	2.671	ng	96

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

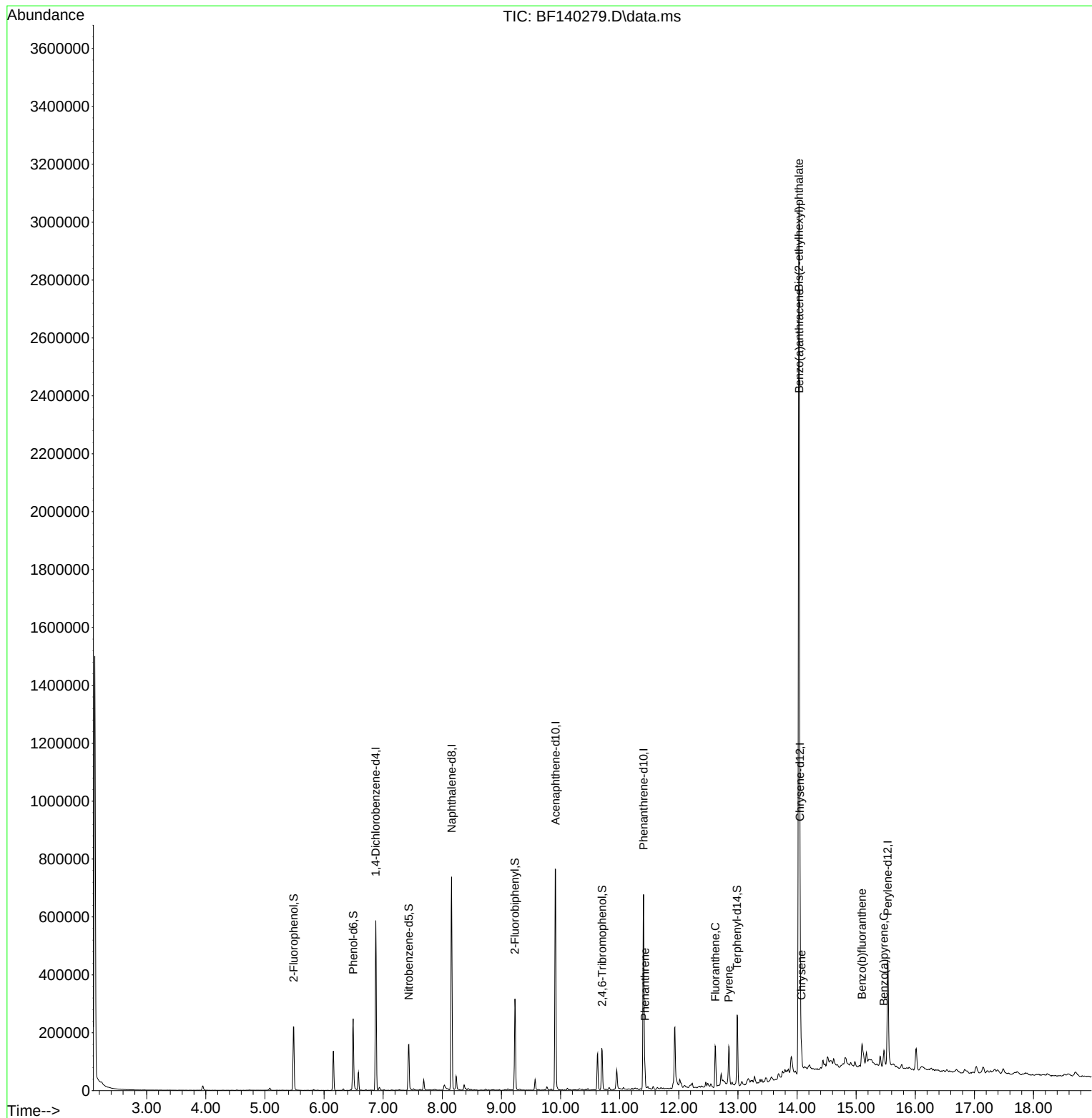
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140279.D
Acq On : 07 Nov 2024 17:06
Operator : RC/JU
Sample : P4720-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

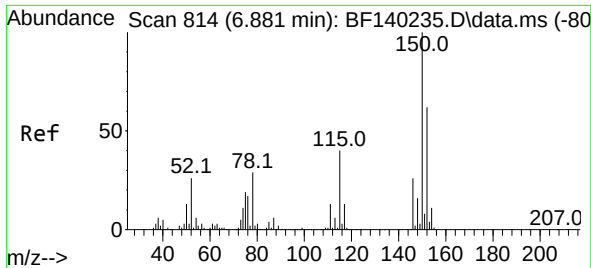
Instrument :
BNA_F
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JC-701-COMP-01

Quant Time: Nov 08 01:29:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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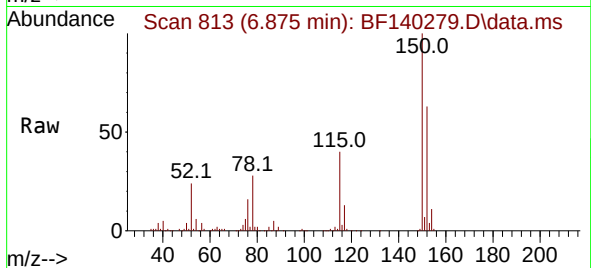
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

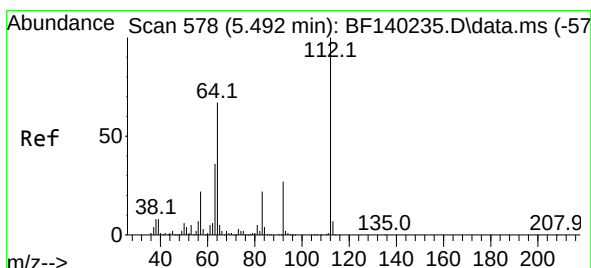
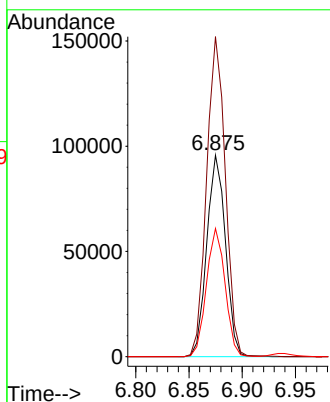
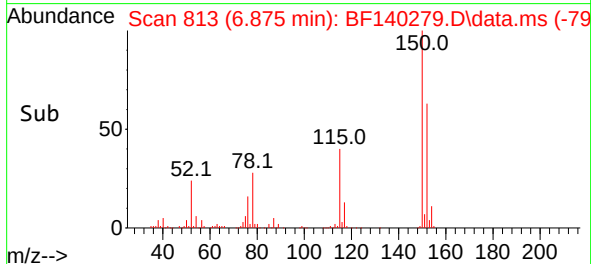
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01



Tgt Ion:152 Resp: 11705
Ion Ratio Lower Upper
152 100
150 158.9 129.4 194.2
115 63.6 51.5 77.3

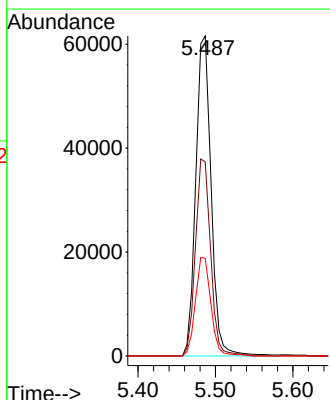
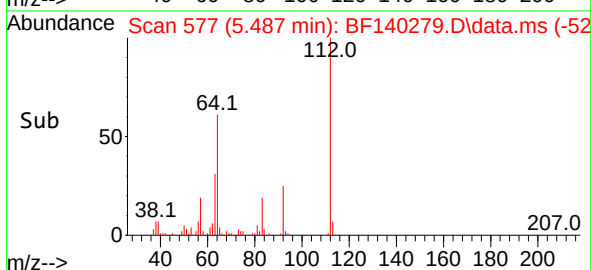
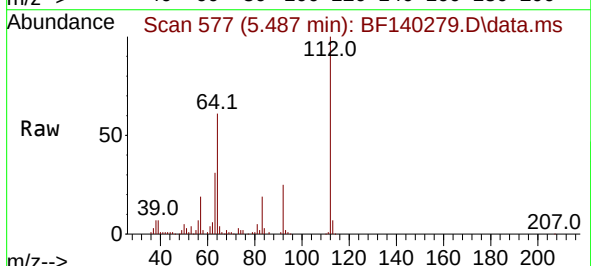
Manual Integrations
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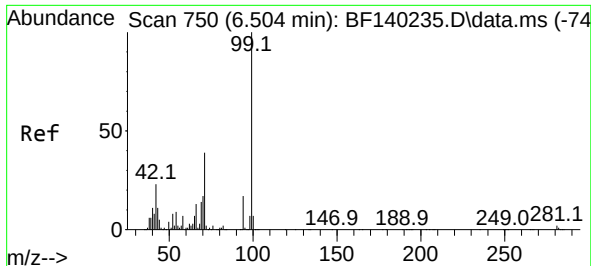
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#5
2-Fluorophenol
Concen: 12.017 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

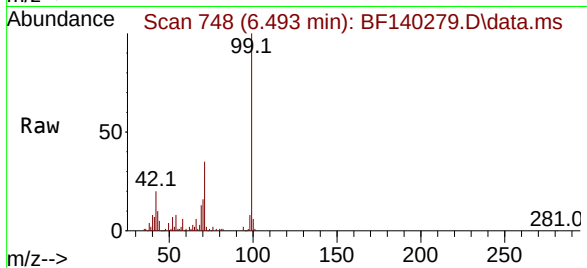
Tgt Ion:112 Resp: 84885
Ion Ratio Lower Upper
112 100
64 60.7 53.4 80.2
63 30.6 28.9 43.3





#7
Phenol-d6
Concen: 11.913 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

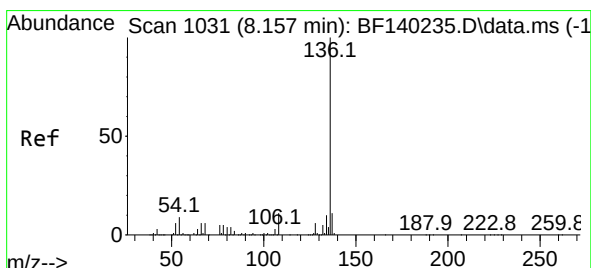
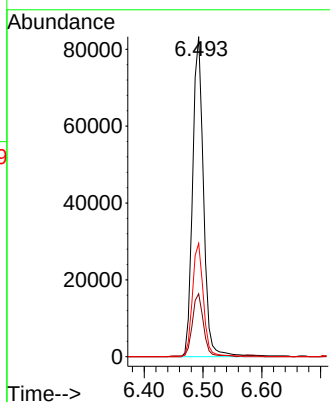
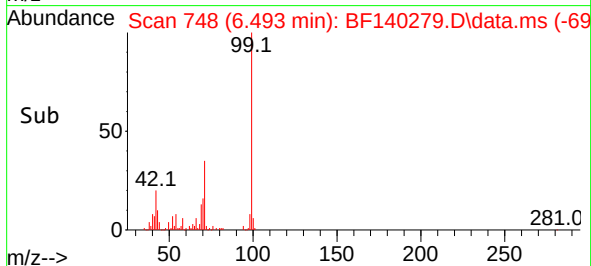
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01



Tgt Ion: 99 Resp: 108235
Ion Ratio Lower Upper
99 100
42 19.6 18.2 27.2
71 35.4 30.9 46.3

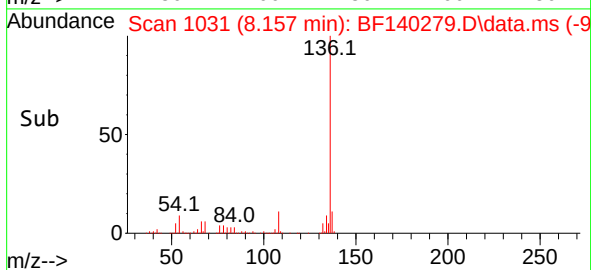
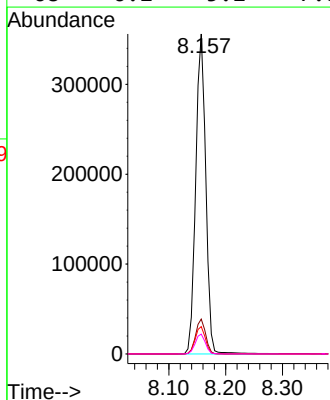
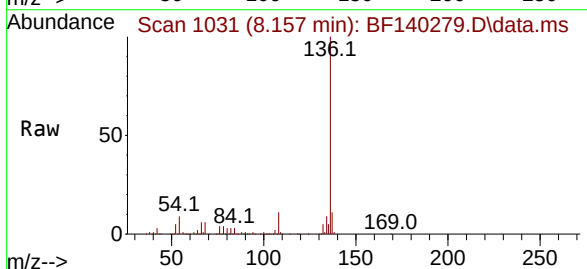
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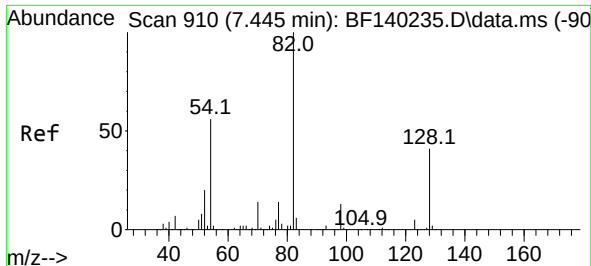
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

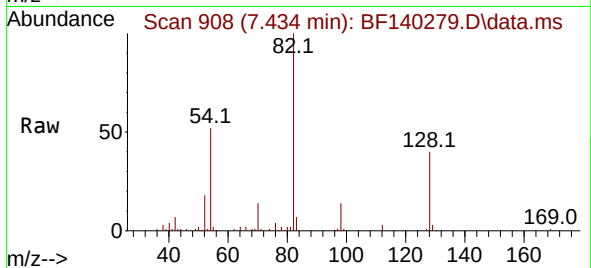
Tgt Ion:136 Resp: 441041
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.6 7.7 11.5
68 6.2 5.2 7.8





#23
Nitrobenzene-d5
Concen: 8.070 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

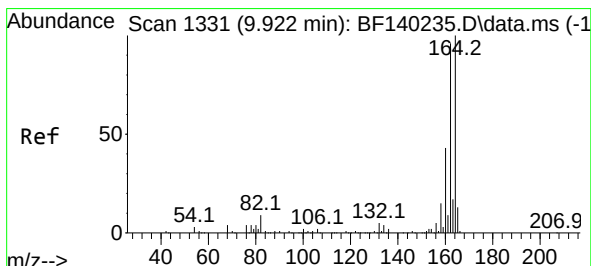
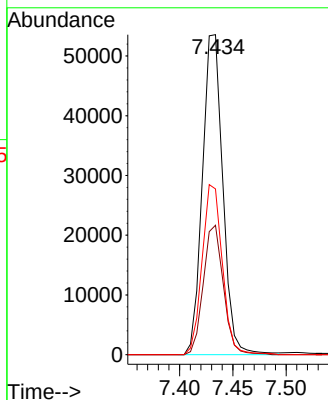
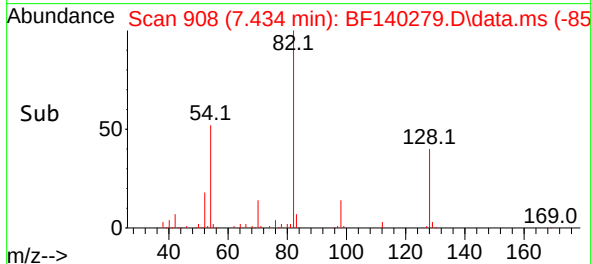
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01



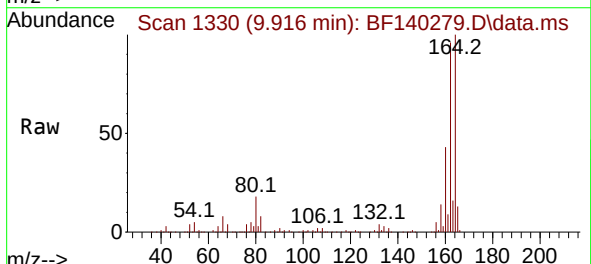
Tgt Ion: 82 Resp: 7158
Ion Ratio Lower Upper
82 100
128 40.4 32.8 49.2
54 51.8 44.3 66.5

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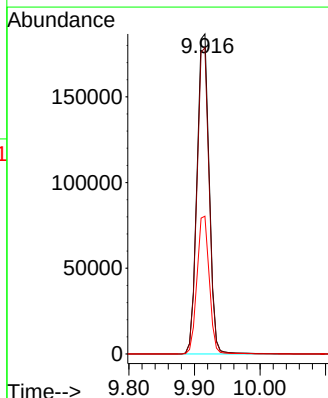
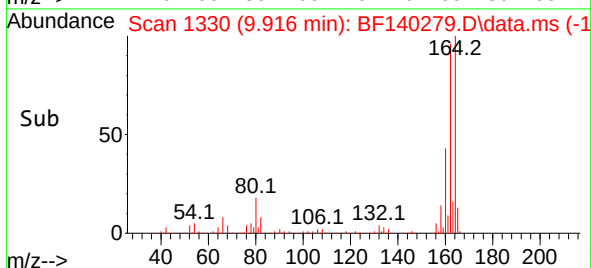
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

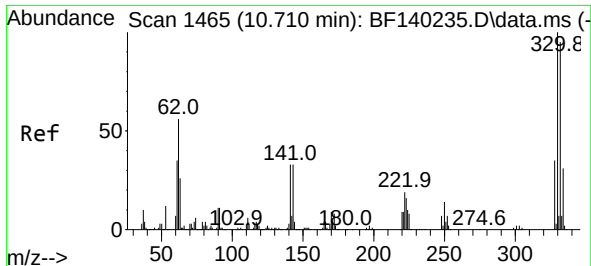


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06



Tgt Ion:164 Resp: 243083
Ion Ratio Lower Upper
164 100
162 95.7 77.0 115.4
160 43.0 34.1 51.1





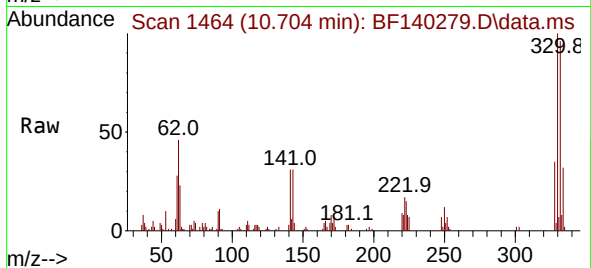
#42
2,4,6-Tribromophenol
Concen: 10.063 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01



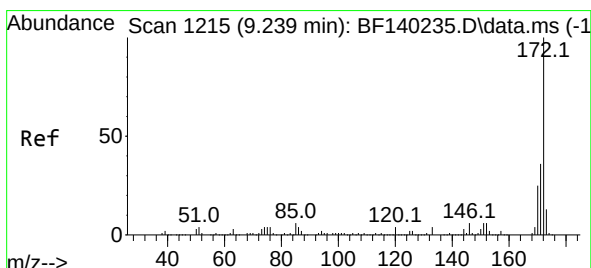
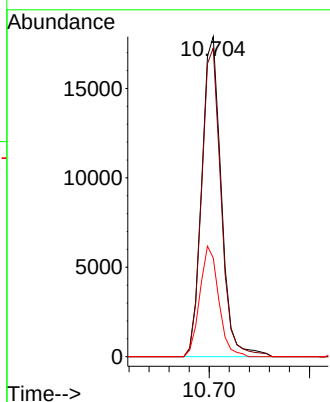
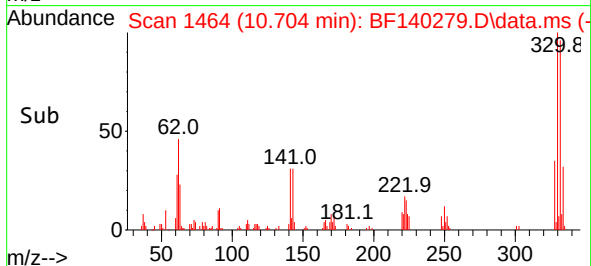
Tgt Ion: 330 Resp: 24178
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 33.5 27.0 40.4

Manual Integrations

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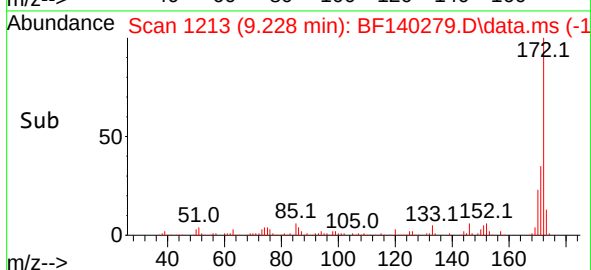
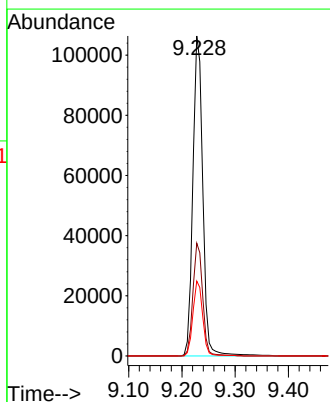
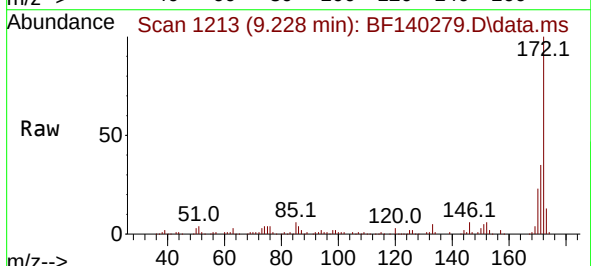
Reviewed By : Yogesh Patel 11/08/2024

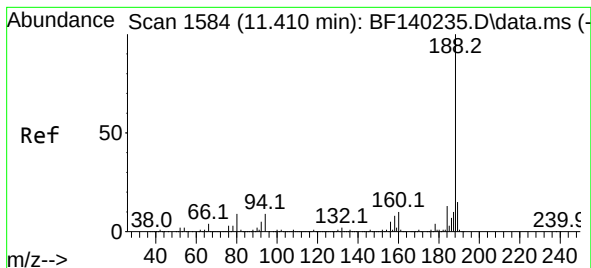
Supervised By : mohammad ahmed 11/11/2024



#45
2-Fluorobiphenyl
Concen: 9.073 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Tgt Ion: 172 Resp: 138126
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.4 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140279.D

Acq: 07 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01

Tgt Ion:188 Resp: 35857

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

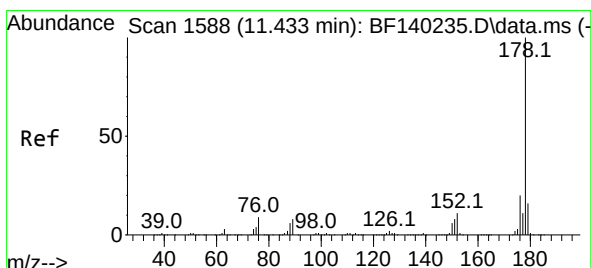
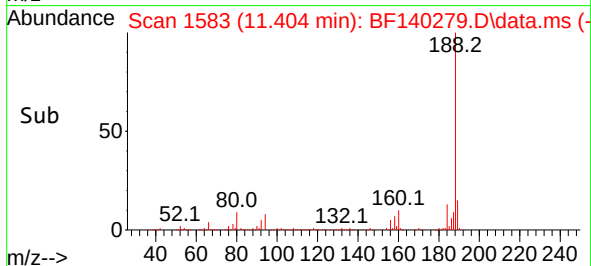
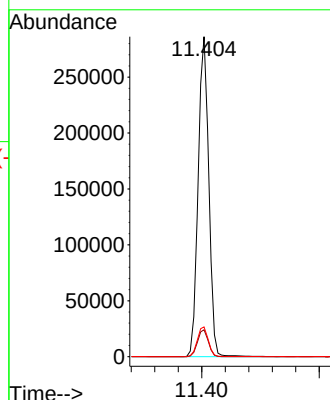
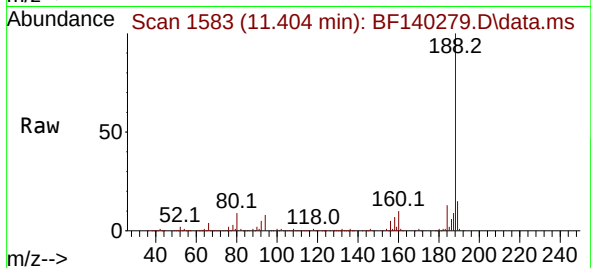
80 9.3 7.5 11.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#71

Phenanthrene

Concen: 2.410 ng

RT: 11.428 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF140279.D

Acq: 07 Nov 2024 17:06

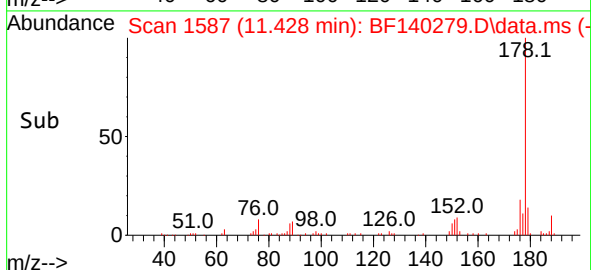
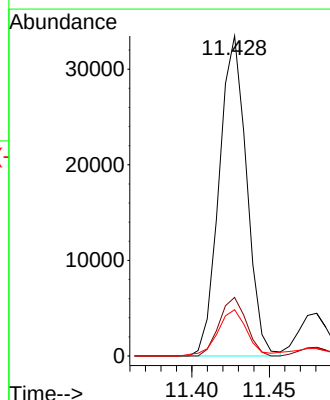
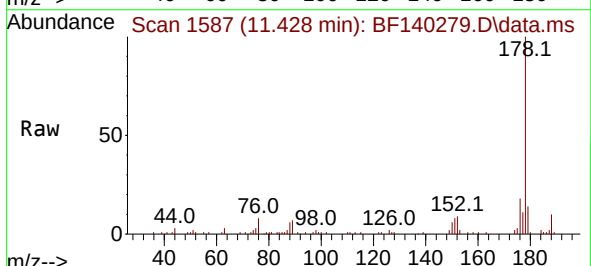
Tgt Ion:178 Resp: 41242

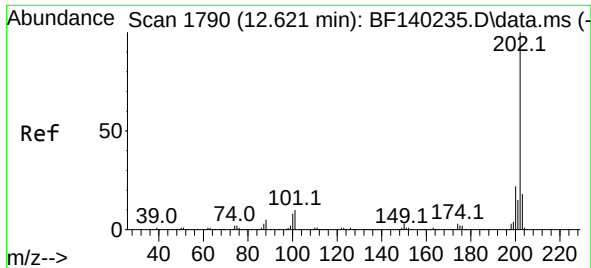
Ion Ratio Lower Upper

178 100

176 18.3 15.9 23.9

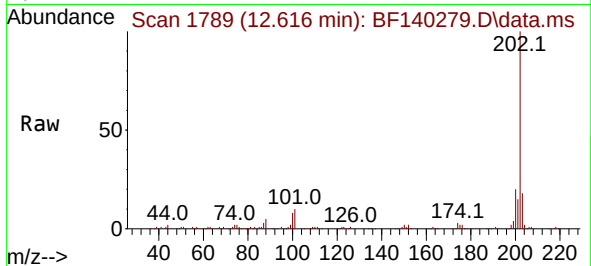
179 14.5 12.6 18.8





#75
Fluoranthene
Concen: 4.545 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

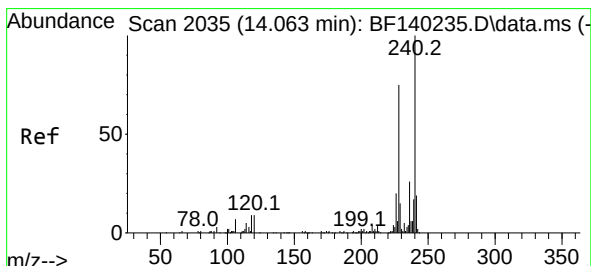
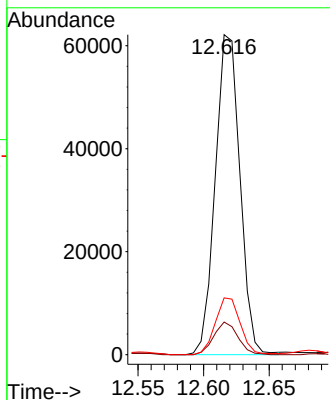
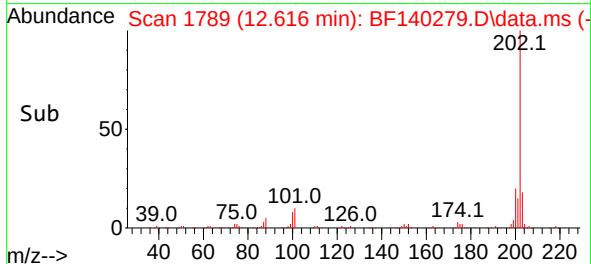
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01



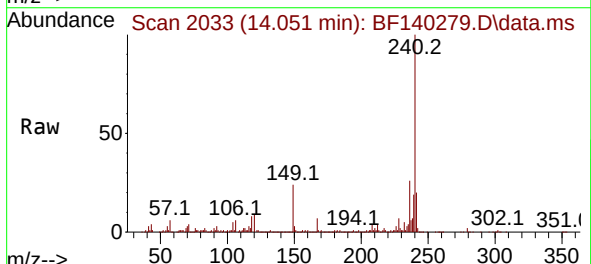
Tgt Ion:202 Resp: 8131
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.4
203 17.8 0.0 38.0

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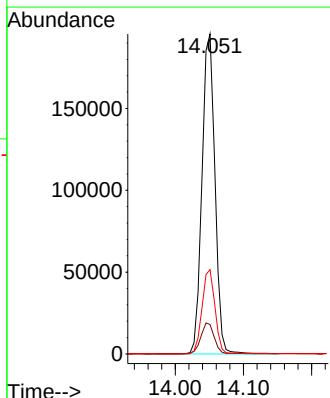
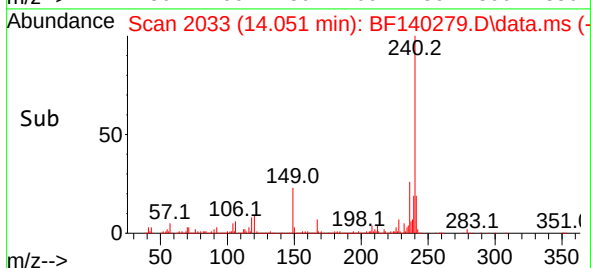
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

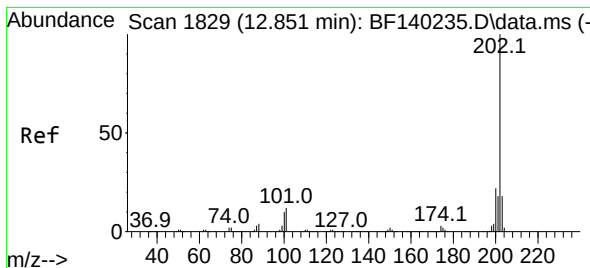


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06



Tgt Ion:240 Resp: 259506
Ion Ratio Lower Upper
240 100
120 9.2 7.5 11.3
236 26.4 20.9 31.3





#78

Pyrene

Concen: 3.608 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140279.D

Acq: 07 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01

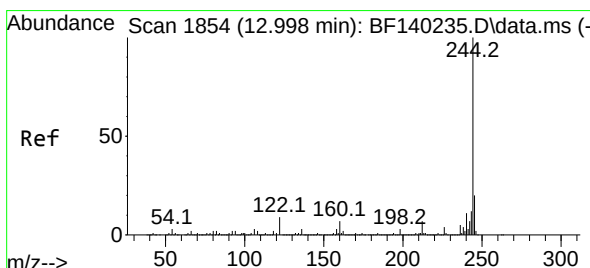
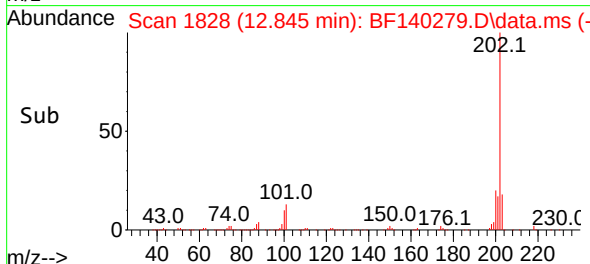
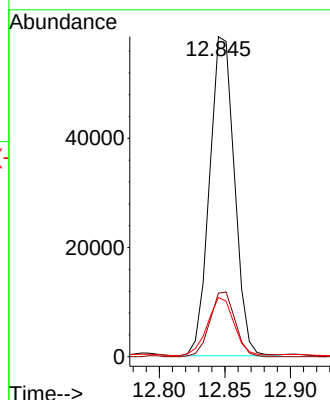
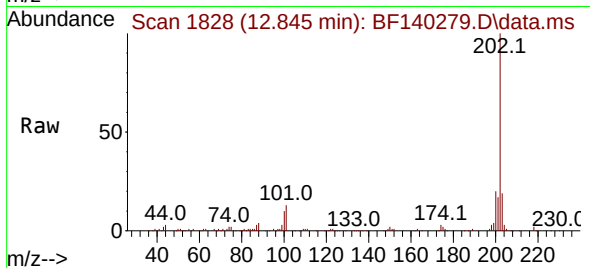
Tgt Ion:202	Resp: 7730
Ion Ratio	Lower Upper
202 100	
200 19.9	17.5 26.3
203 18.5	14.4 21.6

Manual Integrations

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Supervised By :mohammad ahmed 11/11/2024



#79

Terphenyl-d14

Concen: 7.446 ng

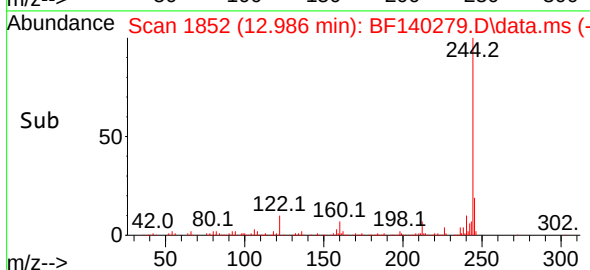
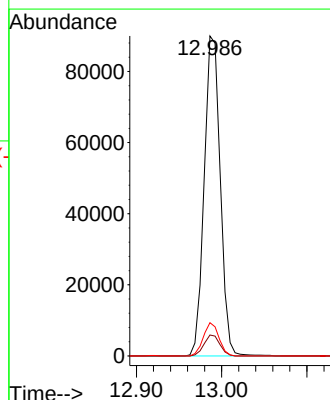
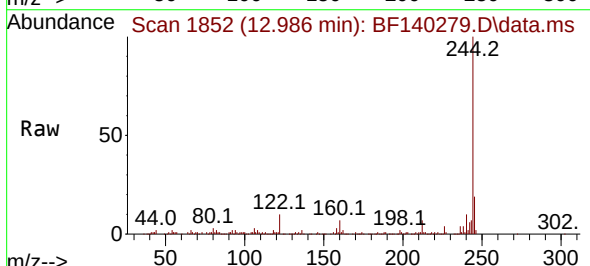
RT: 12.986 min Scan# 1852

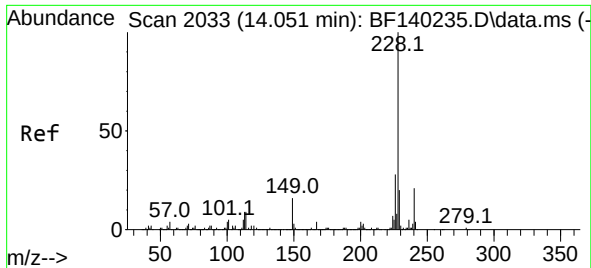
Delta R.T. -0.012 min

Lab File: BF140279.D

Acq: 07 Nov 2024 17:06

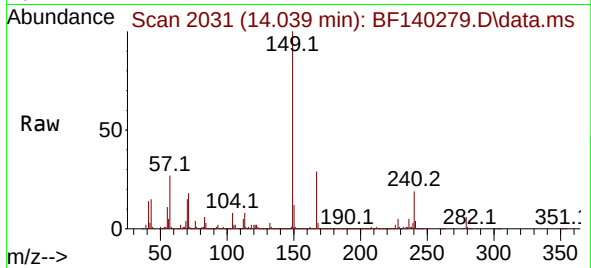
Tgt Ion:244	Resp: 117957
Ion Ratio	Lower Upper
244 100	
212 6.6	6.0 9.0
122 10.4	7.6 11.4





#81
Benzo(a)anthracene
Concen: 2.406 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

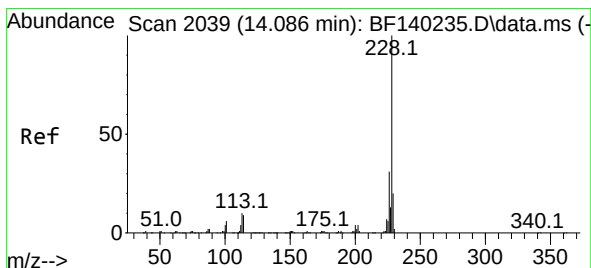
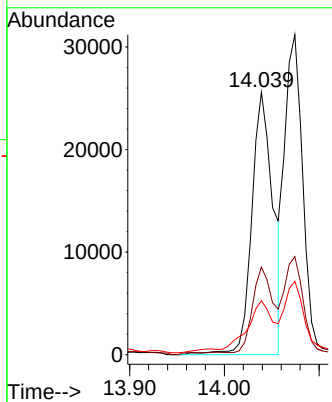
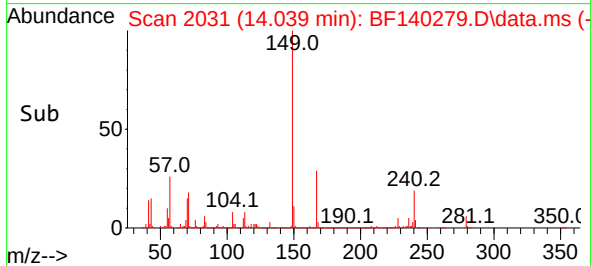
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01



Tgt Ion:228 Resp: 40060
Ion Ratio Lower Upper
228 100
226 33.4 22.3 33.5
229 20.6 16.1 24.1

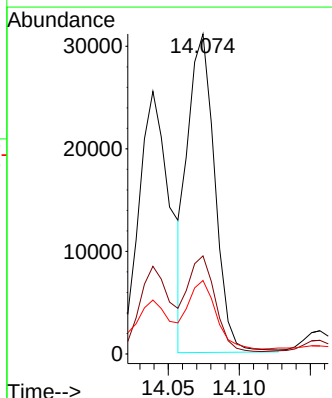
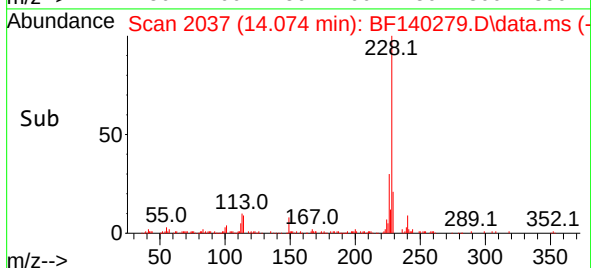
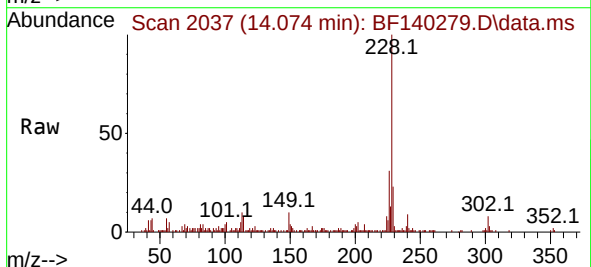
Manual Integrations
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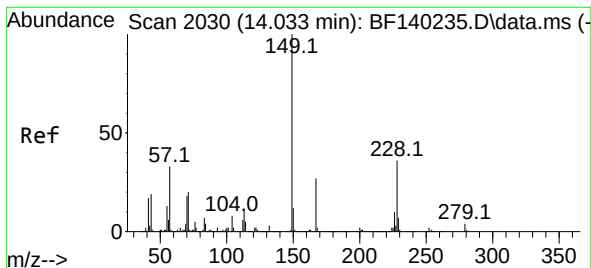
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#83
Chrysene
Concen: 2.632 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

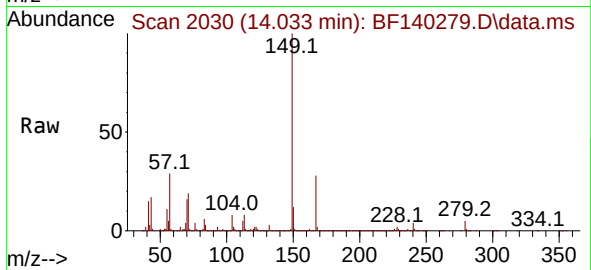
Tgt Ion:228 Resp: 41044
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 22.9 16.1 24.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 104.201 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

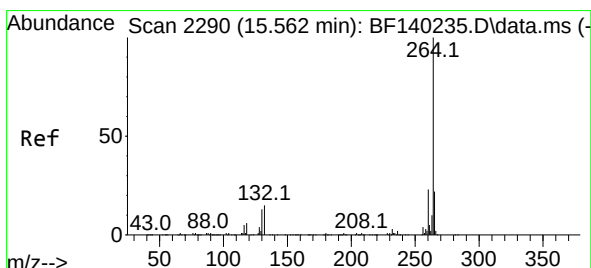
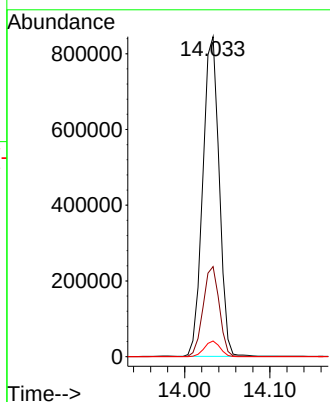
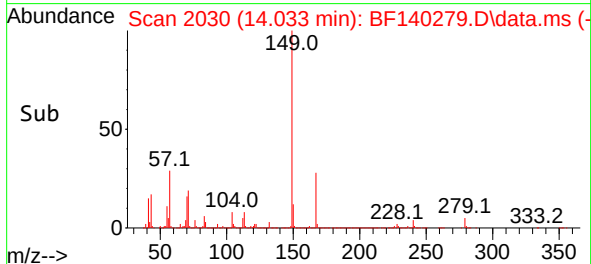
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01



Tgt Ion:149 Resp: 112678
Ion Ratio Lower Upper
149 100
167 28.2 21.8 32.8
279 4.9 3.2 4.8

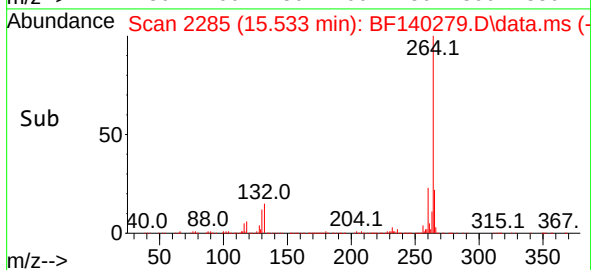
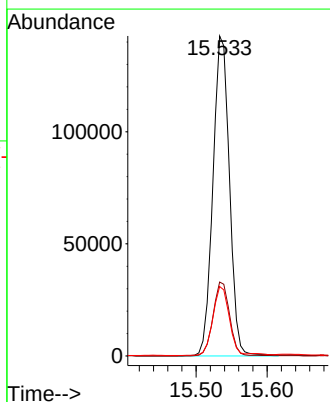
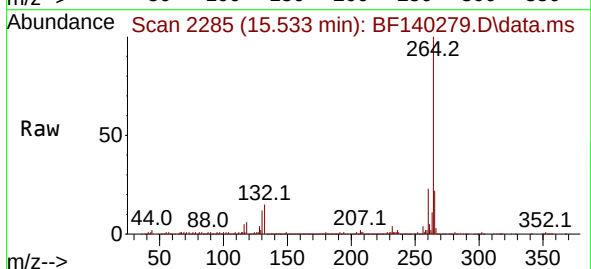
Manual Integrations
APPROVED

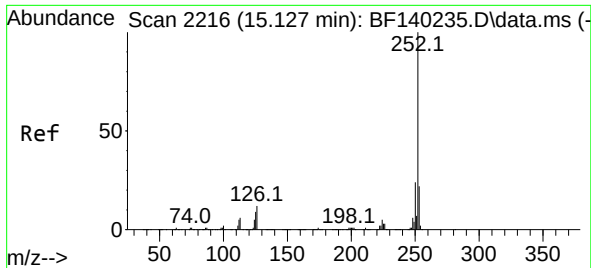
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.029 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

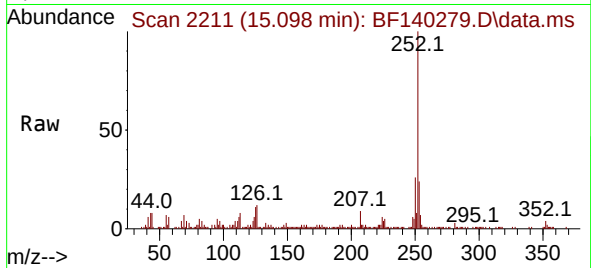
Tgt Ion:264 Resp: 230041
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 21.7 17.3 25.9





#88
Benzo(b)fluoranthene
Concen: 3.617 ng m
RT: 15.098 min Scan# 211
Delta R.T. -0.029 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

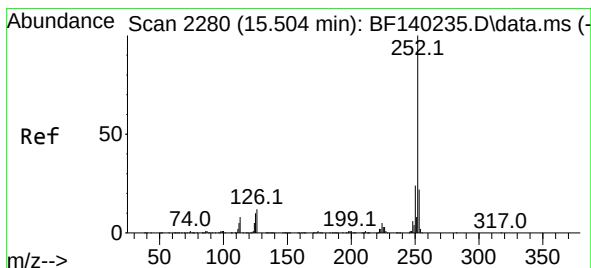
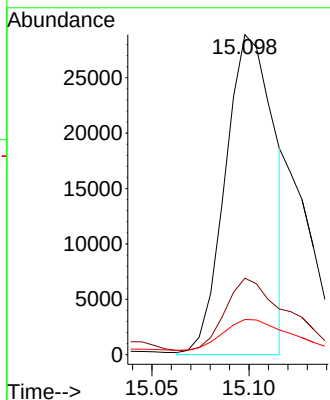
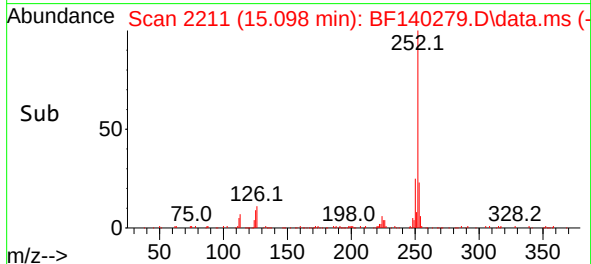
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01



Tgt Ion:252 Resp: 50329
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 11.0 7.0 10.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#90
Benzo(a)pyrene
Concen: 2.671 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.035 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Tgt Ion:252 Resp: 30647
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 11.3 7.6 11.4

