

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135230.D
 Acq On : 13 Sep 2023 19:15
 Operator : CG\JU
 Sample : 04363-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 13 19:38:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	110240	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	359518	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	106440	20.000	ng	# 0.04
64) Phenanthrene-d10	11.404	188	66324	20.000	ng	# 0.11
76) Chrysene-d12	14.016	240	149086	20.000	ng	# 0.07
86) Perylene-d12	15.451	264	213352	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	456701	67.380	ng	0.00
7) Phenol-d6	6.404	99	588498	68.283	ng	0.00
23) Nitrobenzene-d5	7.328	82	352963	53.339	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	63881	60.393	ng	0.06
45) 2-Fluorobiphenyl	9.139	172	540885	76.667	ng	0.01
79) Terphenyl-d14	13.004	244	196199	20.401	ng	0.11
Target Compounds						Qvalue
53) 3-Nitroaniline	9.792	138	42805	23.131	ng	# 29
66) n-Nitrosodiphenylamine	10.533	169	200935	100.070	ng	# 62
83) Chrysene	14.045	228	34827	3.639	ng	# 74
84) Bis(2-ethylhexyl)phtha...	13.974	149	21705	4.232	ng	# 62
88) Benzo(b)fluoranthene	15.027	252	70425m	6.098	ng	
90) Benzo(a)pyrene	15.386	252	23793	2.160	ng	# 29
92) Benzo(g,h,i)perylene	17.357	276	26372	2.206	ng	98

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

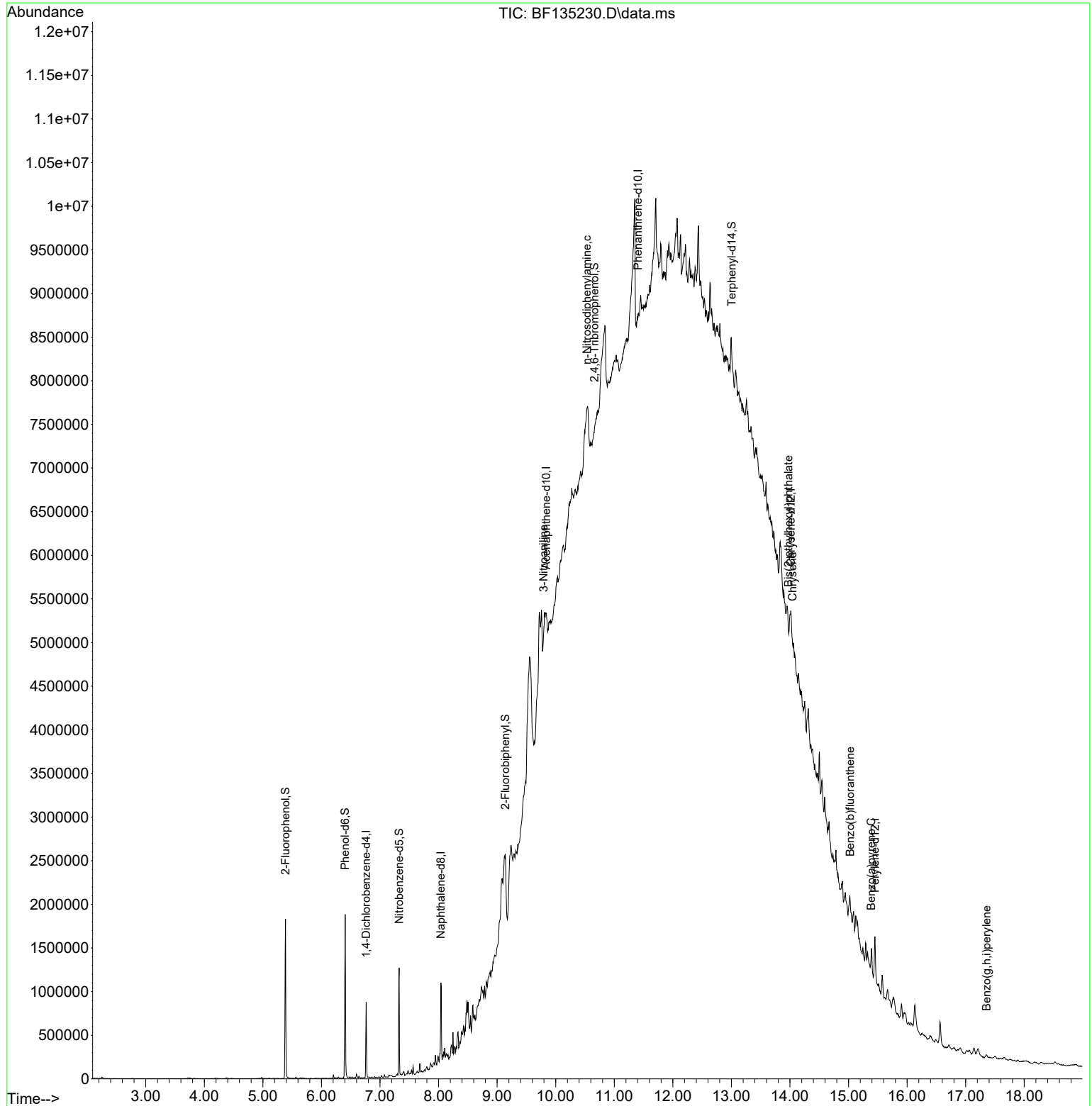
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
Data File : BF135230.D
Acq On : 13 Sep 2023 19:15
Operator : CG\JU
Sample : 04363-07
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ALS Vial : 9 Sample Multiplier: 1

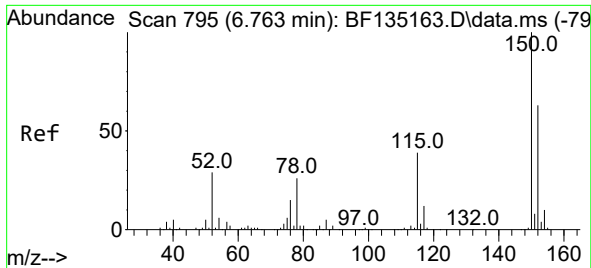
Instrument :
BNA_F
ClientSampleId :
VNJ-204

Quant Time: Sep 13 19:38:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Manual Integrations
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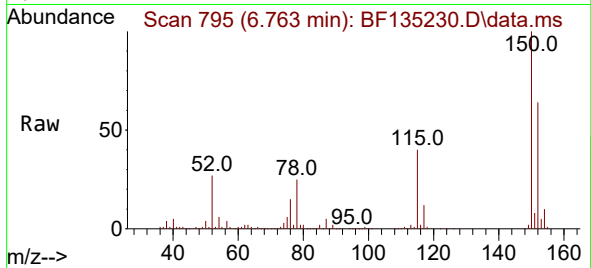
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15

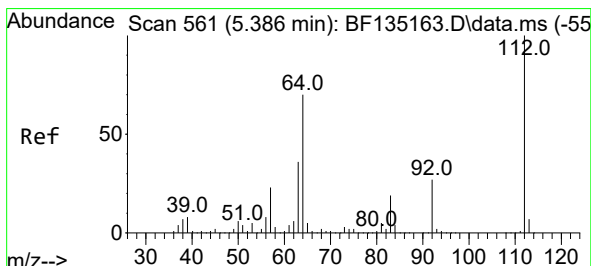
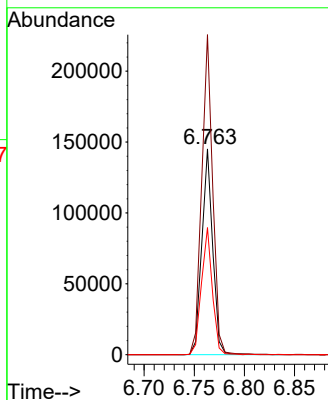
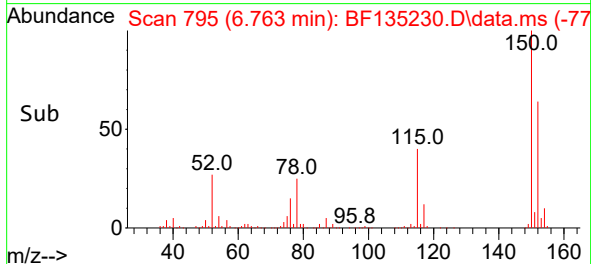
Instrument :
BNA_F
ClientSampleId :
VNJ-204



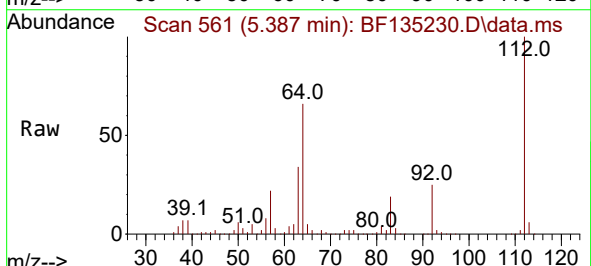
Tgt Ion:152 Resp: 110240
Ion Ratio Lower Upper
152 100
150 155.5 127.8 191.6
115 61.7 49.8 74.8

Manual Integrations
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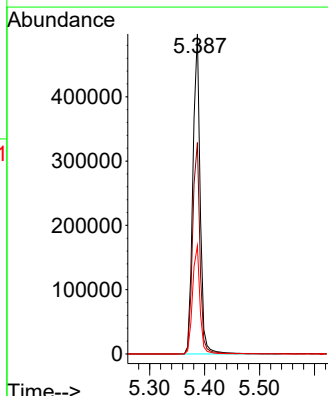
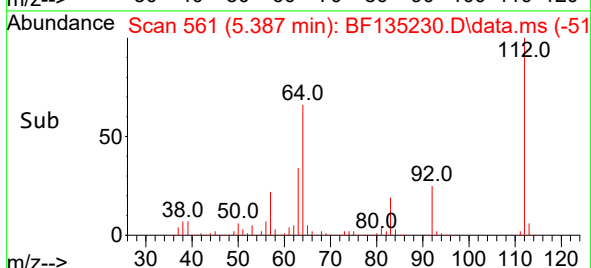
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023

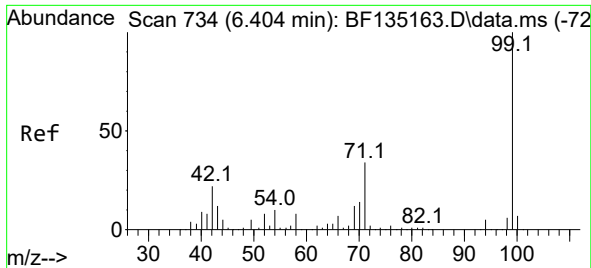


#5
2-Fluorophenol
Concen: 67.380 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15



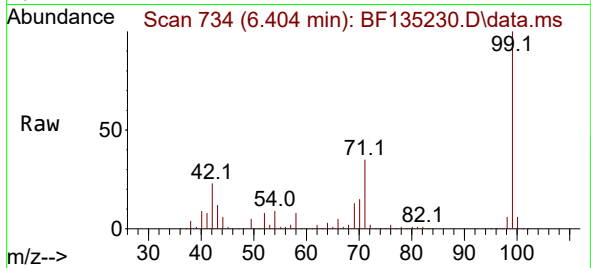
Tgt Ion:112 Resp: 456701
Ion Ratio Lower Upper
112 100
64 66.0 55.9 83.9
63 33.8 29.0 43.6





#7
Phenol-d6
Concen: 68.283 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15

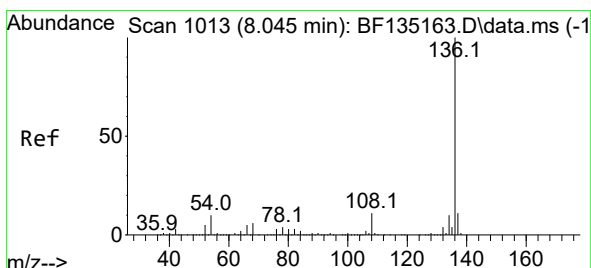
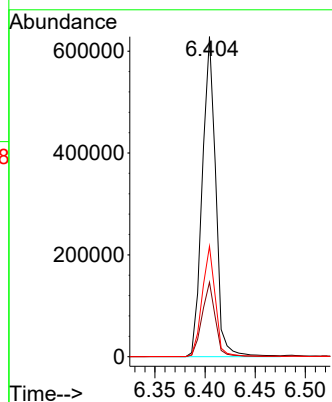
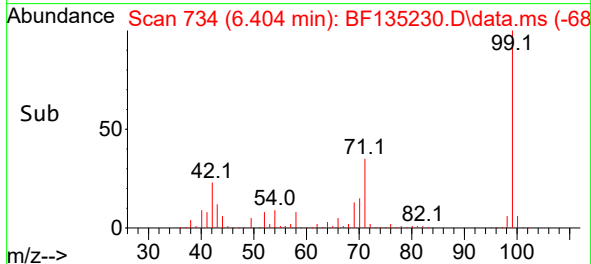
Instrument :
BNA_F
ClientSampleId :
VNJ-204



Tgt Ion: 99 Resp: 588498
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 34.5 27.0 40.6

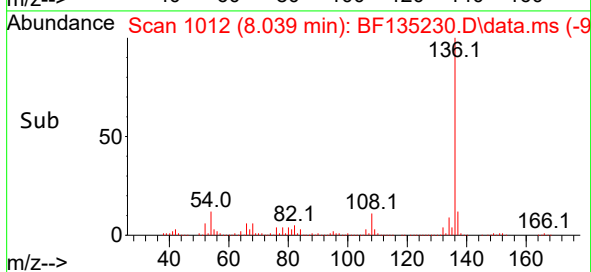
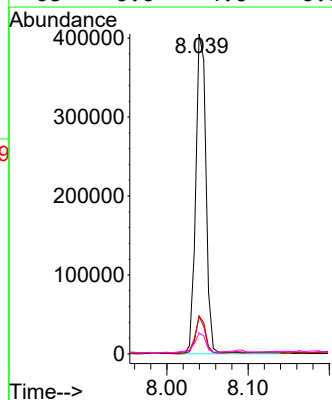
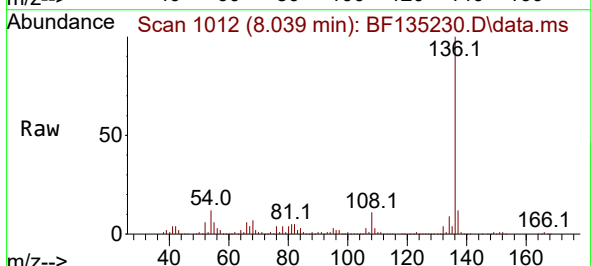
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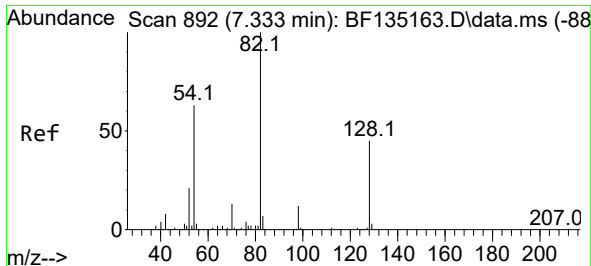
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15

Tgt Ion:136 Resp: 359518
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 11.8 7.7 11.5#
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 53.339 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135230.D

Acq: 13 Sep 2023 19:15

Instrument :

BNA_F

ClientSampleId :

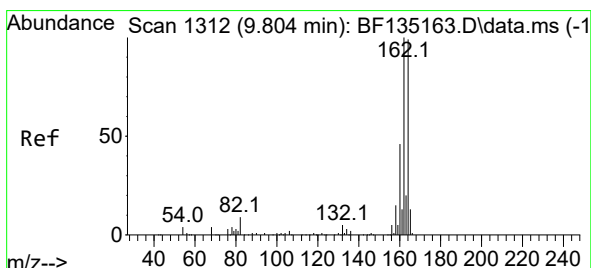
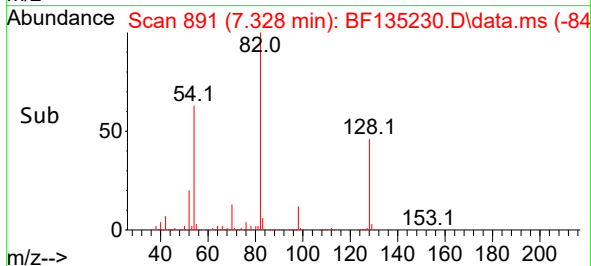
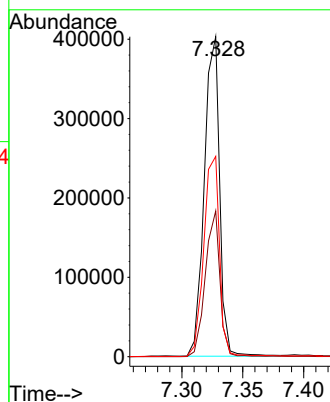
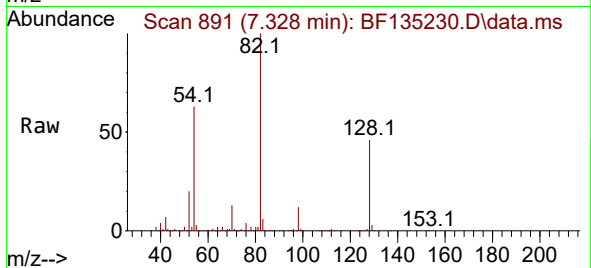
VNJ-204

Tgt Ion:	82	Resp:	35296
Ion Ratio	Lower	Upper	
82	100		
128	45.5	35.8	53.6
54	62.6	50.6	76.0

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Supervised By :mohammad ahmed 09/14/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

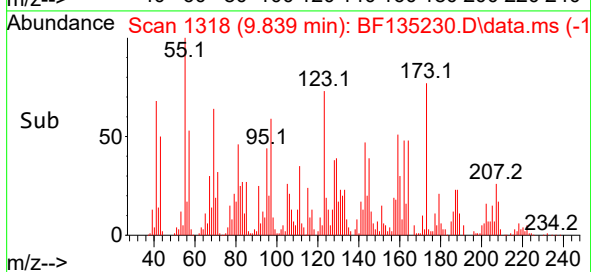
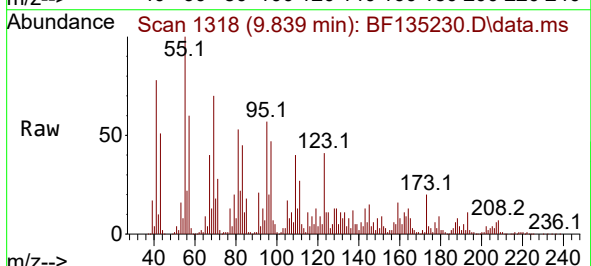
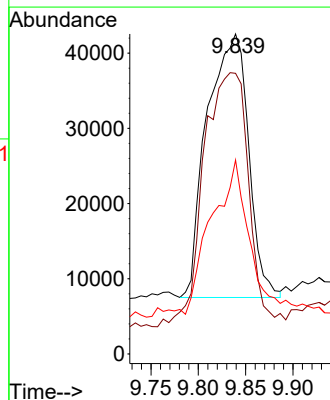
RT: 9.839 min Scan# 1318

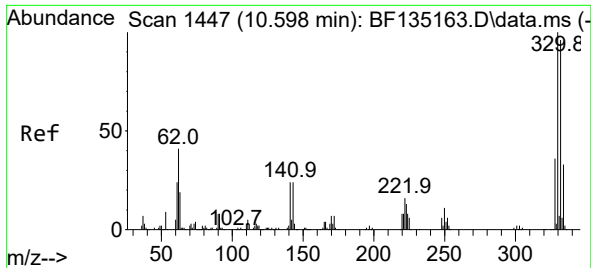
Delta R.T. 0.035 min

Lab File: BF135230.D

Acq: 13 Sep 2023 19:15

Tgt Ion:	164	Resp:	106440
Ion Ratio	Lower	Upper	
164	100		
162	87.7	81.0	121.4
160	60.6	37.0	55.4





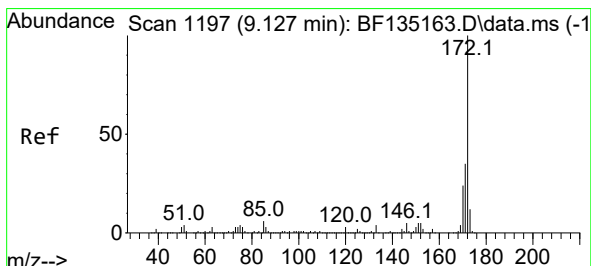
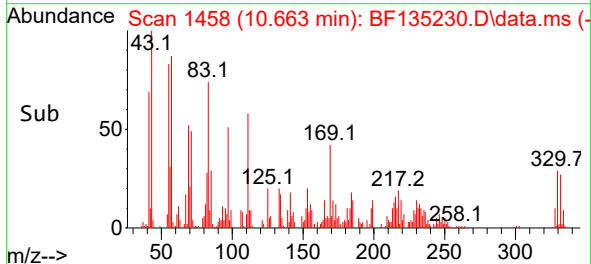
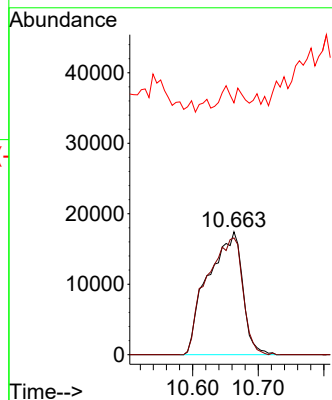
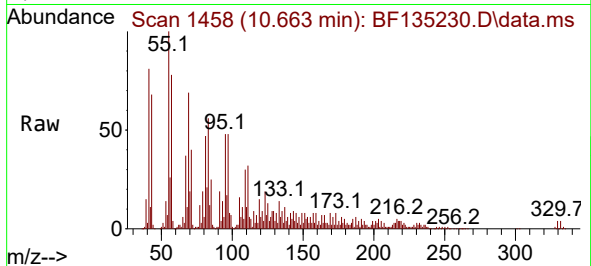
#42
2,4,6-Tribromophenol
Concen: 60.393 ng
RT: 10.663 min Scan# 1447
Delta R.T. 0.065 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:330 Resp: 6388
Ion Ratio Lower Upper
330 100
332 99.1 77.3 115.9
141 4.1 25.8 38.8

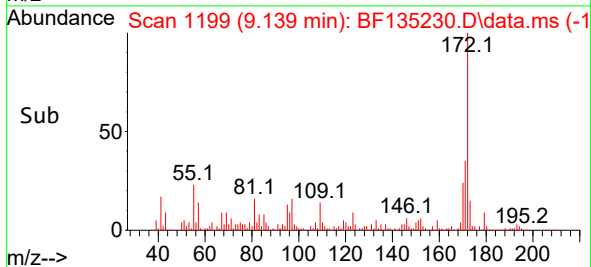
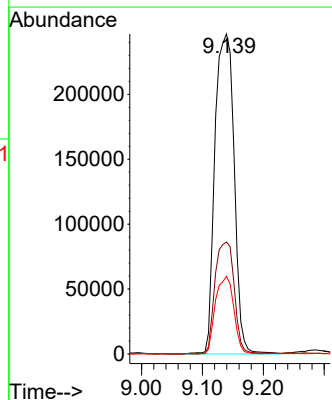
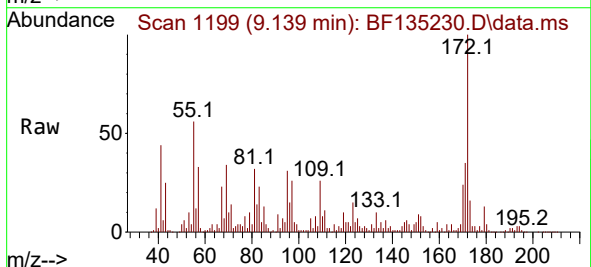
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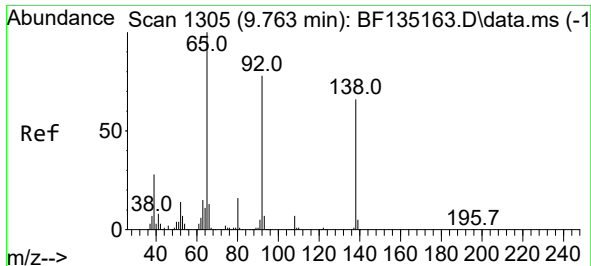
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023



#45
2-Fluorobiphenyl
Concen: 76.667 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15

Tgt Ion:172 Resp: 540885
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 24.3 19.0 28.4





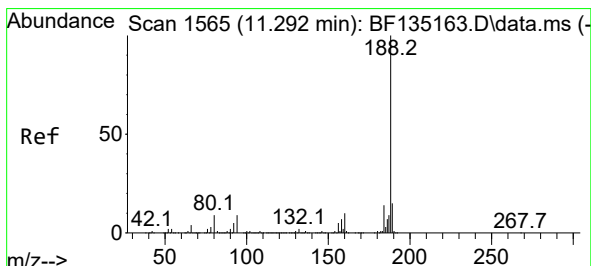
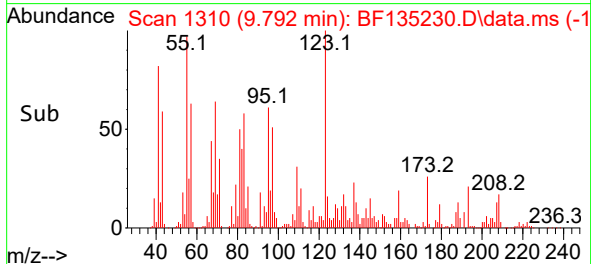
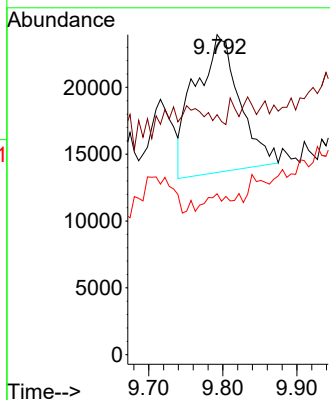
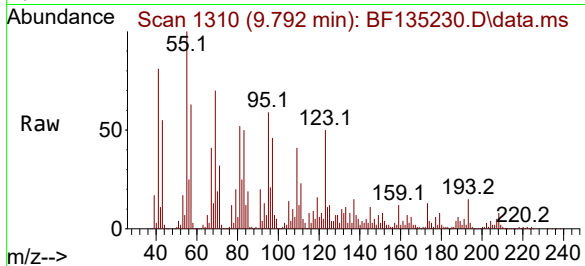
#53
3-Nitroaniline
Concen: 23.131 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:138 Resp: 4280
Ion Ratio Lower Upper
138 100
108 75.0 8.5 12.7
92 50.3 95.4 143.0

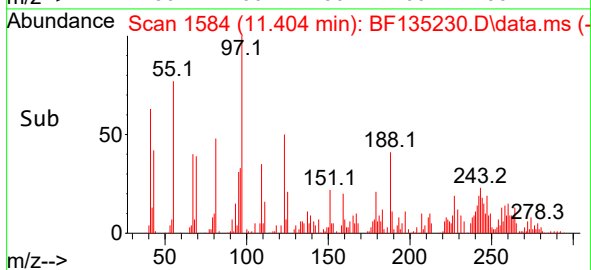
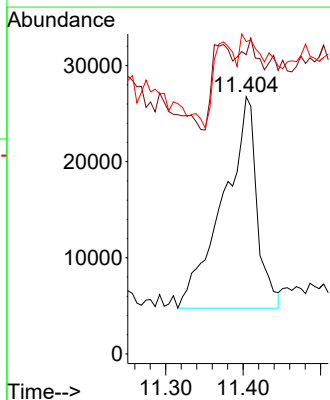
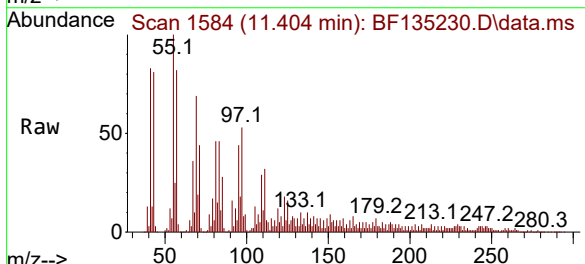
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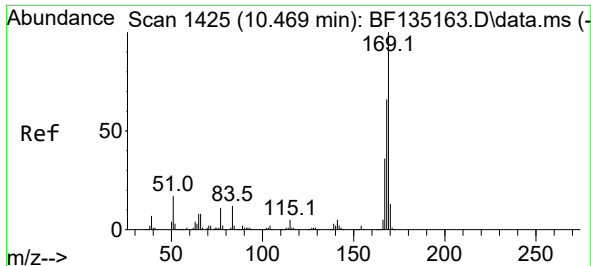
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.112 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15

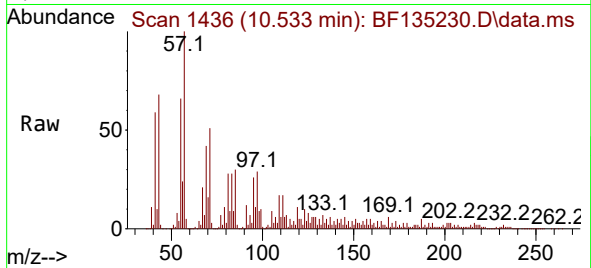
Tgt Ion:188 Resp: 66324
Ion Ratio Lower Upper
188 100
94 116.3 7.0 10.6#
80 121.4 7.5 11.3#





#66
n-Nitrosodiphenylamine
Concen: 100.070 ng
RT: 10.533 min Scan# 1425
Delta R.T. 0.065 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15

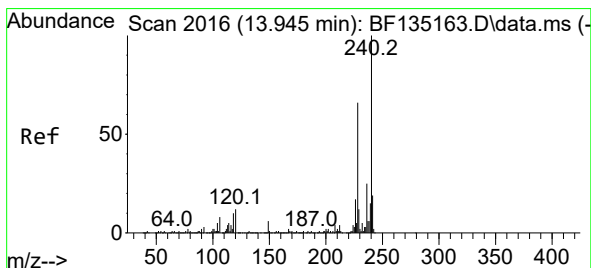
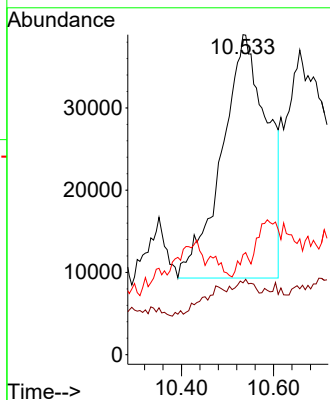
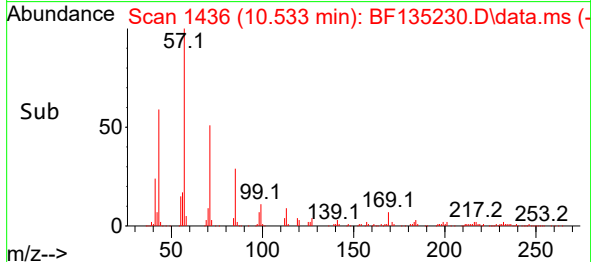
Instrument :
BNA_F
ClientSampleId :
VNJ-204



Tgt Ion:169 Resp: 200935
Ion Ratio Lower Upper
169 100
168 22.4 52.8 79.2
167 31.3 29.0 43.6

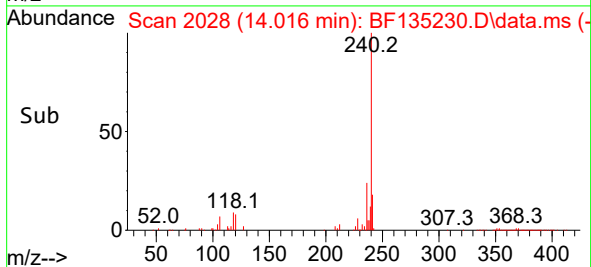
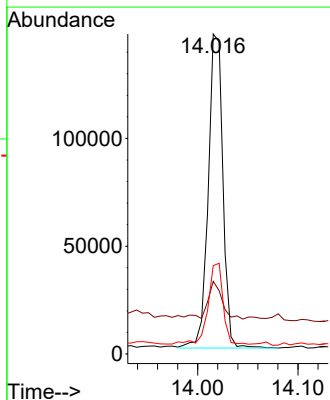
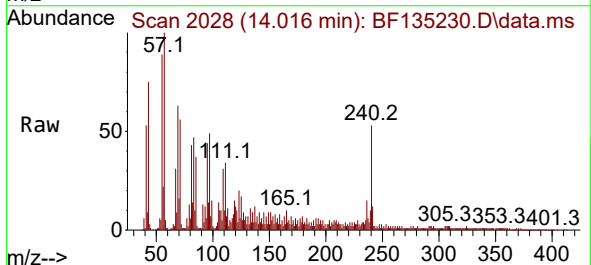
Manual Integrations
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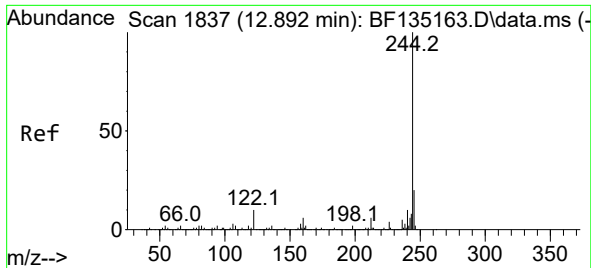
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.071 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15

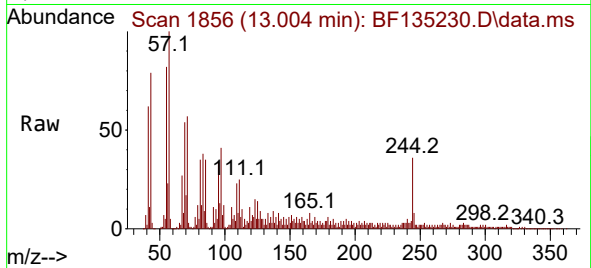
Tgt Ion:240 Resp: 149086
Ion Ratio Lower Upper
240 100
120 22.7 9.4 14.2
236 27.6 19.8 29.8





#79
 Terphenyl-d14
 Concen: 20.401 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.112 min
 Lab File: BF135230.D
 Acq: 13 Sep 2023 19:15

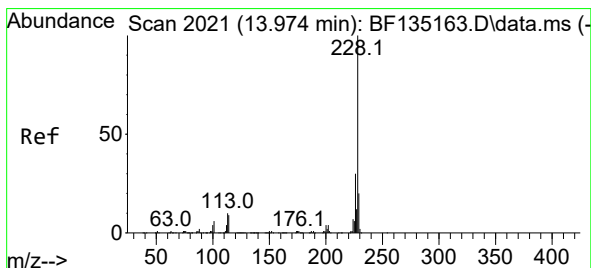
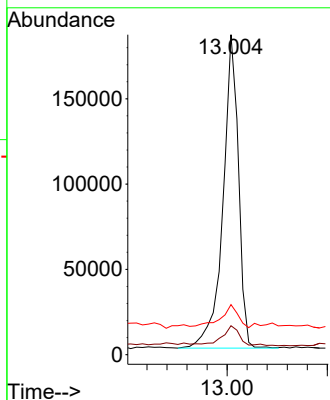
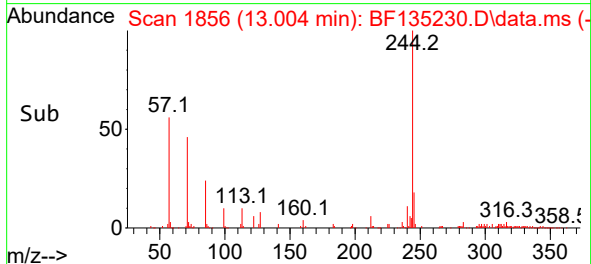
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204



Tgt Ion:244 Resp: 196199
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.1 7.7
 122 15.7 7.9 11.9

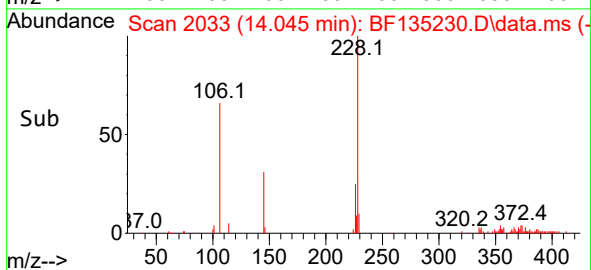
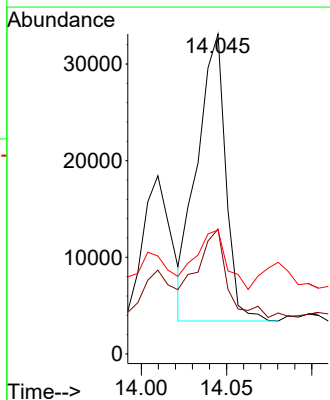
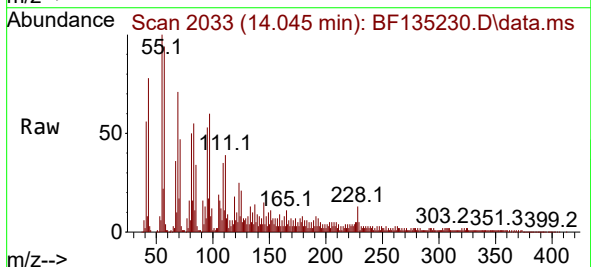
Manual Integrations
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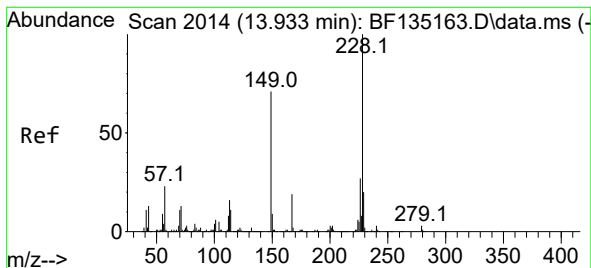
Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/14/2023



#83
 Chrysene
 Concen: 3.639 ng
 RT: 14.045 min Scan# 2033
 Delta R.T. 0.071 min
 Lab File: BF135230.D
 Acq: 13 Sep 2023 19:15

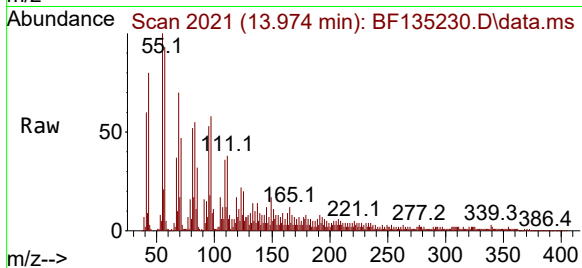
Tgt Ion:228 Resp: 34827
 Ion Ratio Lower Upper
 228 100
 226 39.0 24.3 36.5#
 229 38.8 16.0 24.0#





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.232 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.041 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15

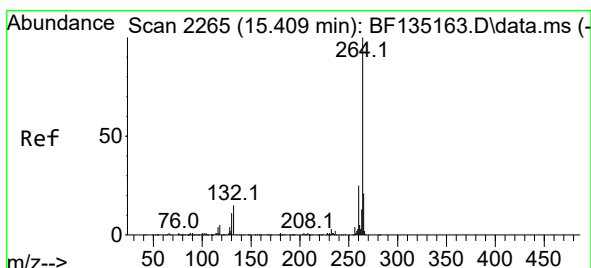
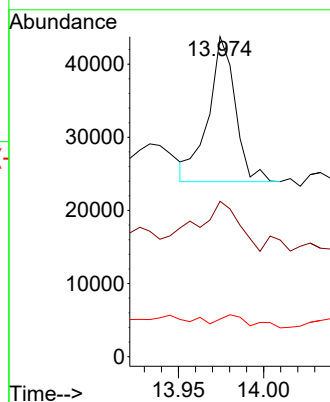
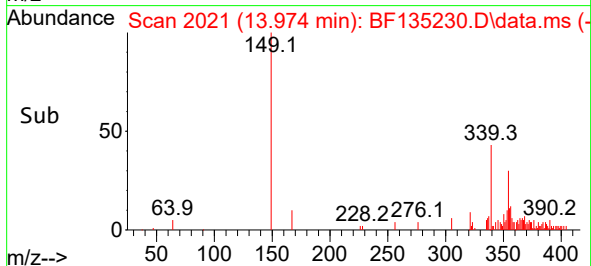
Instrument :
BNA_F
ClientSampleId :
VNJ-204



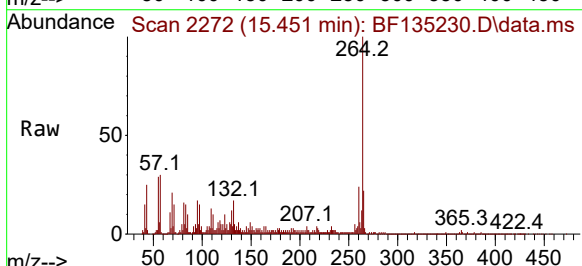
Tgt Ion:149 Resp: 2170
Ion Ratio Lower Upper
149 100
167 48.5 21.9 32.9
279 11.7 3.3 4.9

Manual Integrations
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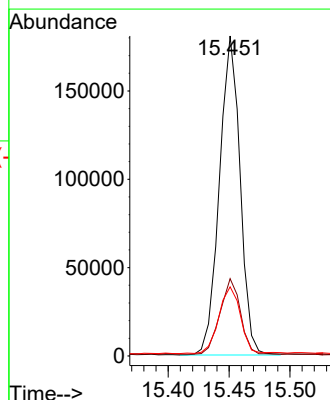
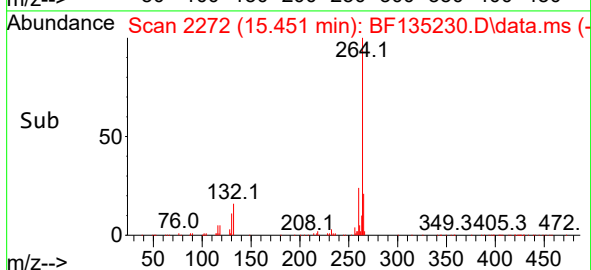
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023

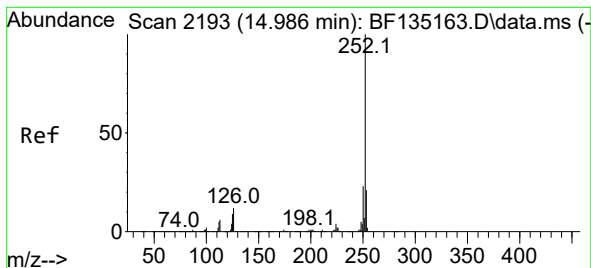


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.041 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15



Tgt Ion:264 Resp: 213352
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 21.6 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 6.098 ng m

RT: 15.027 min Scan# 2193

Delta R.T. 0.041 min

Lab File: BF135230.D

Acq: 13 Sep 2023 19:15

Instrument :

BNF

ClientSampleId :

VNJ-204

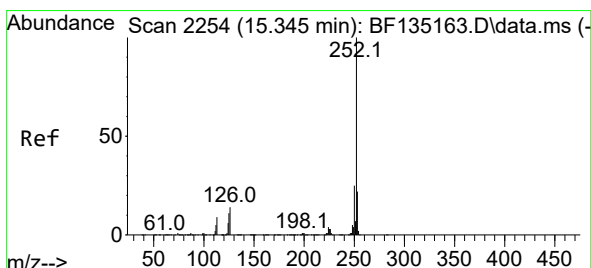
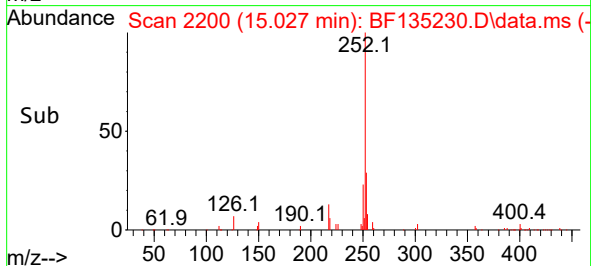
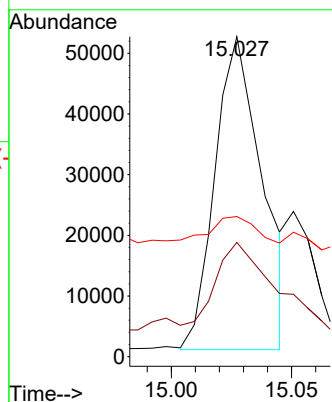
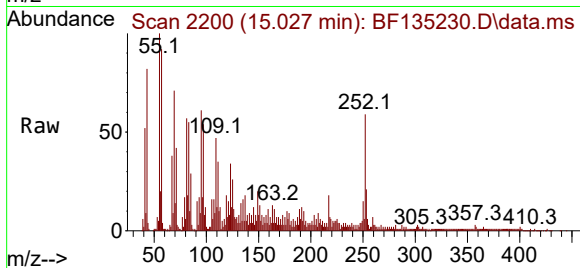
Tgt Ion:252 Resp: 70425
 Ion Ratio Lower Upper
 252 100
 253 35.7 17.2 25.8#
 125 43.8 7.1 10.7#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/14/2023

Supervised By :mohammad ahmed 09/14/2023



#90

Benzo(a)pyrene

Concen: 2.160 ng

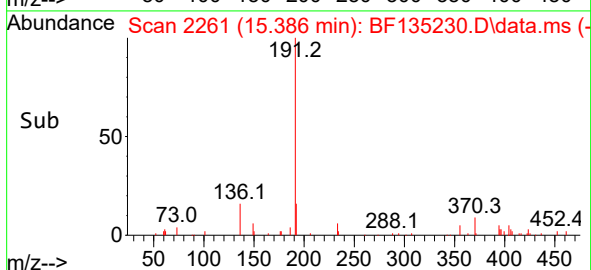
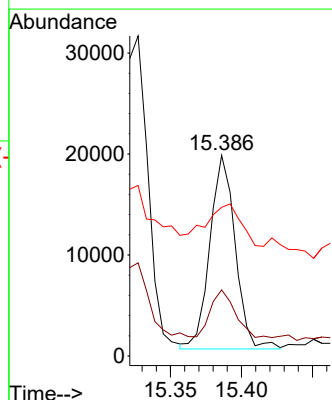
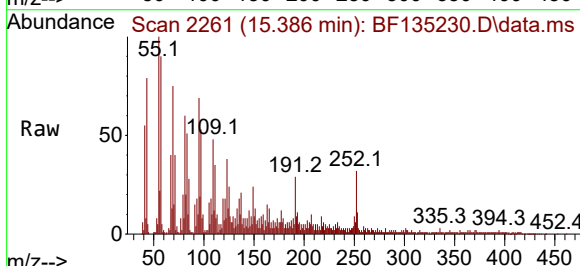
RT: 15.386 min Scan# 2261

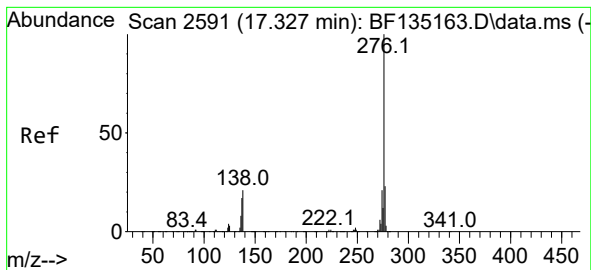
Delta R.T. 0.041 min

Lab File: BF135230.D

Acq: 13 Sep 2023 19:15

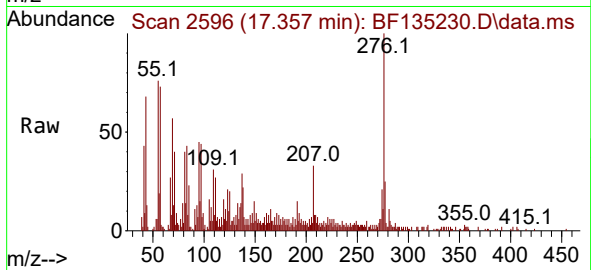
Tgt Ion:252 Resp: 23793
 Ion Ratio Lower Upper
 252 100
 253 32.9 17.5 26.3#
 125 74.1 9.2 13.8#





#92
Benzo(g,h,i)perylene
Concen: 2.206 ng
RT: 17.357 min Scan# 21
Delta R.T. 0.030 min
Lab File: BF135230.D
Acq: 13 Sep 2023 19:15

Instrument :
BNA_F
ClientSampleId :
VNJ-204



Tgt Ion:	276	Resp:	2637
Ion Ratio	Lower	Upper	
276	100		
277	24.9	18.8	28.2
138	22.0	16.9	25.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023

