

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
 Data File : BF139276.D
 Acq On : 06 Sep 2024 14:32
 Operator : RC/JU
 Sample : P3861-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-37

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 06 14:52:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	113163	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	409795	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	202561	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	311593	20.000	ng	0.00
76) Chrysene-d12	14.051	240	179914	20.000	ng	0.00
86) Perylene-d12	15.527	264	129912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	555508	82.120	ng	0.00
7) Phenol-d6	6.510	99	760111	84.170	ng	0.00
23) Nitrobenzene-d5	7.445	82	483515	61.381	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	150532	86.060	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	895670	68.256	ng	0.00
79) Terphenyl-d14	12.998	244	714637	64.133	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	32311	2.220	ng	98
75) Fluoranthene	12.622	202	73370	5.028	ng	100
78) Pyrene	12.851	202	67104	3.861	ng	98
80) Butylbenzylphthalate	13.474	149	11487	2.808	ng	97
81) Benzo(a)anthracene	14.039	228	34314	2.987	ng	# 91
83) Chrysene	14.074	228	27509m	2.566	ng	
84) Bis(2-ethylhexyl)phtha...	14.033	149	12266	2.554	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.998	276	16633	2.049	ng	95
88) Benzo(b)fluoranthene	15.092	252	34039m	4.550	ng	
90) Benzo(a)pyrene	15.463	252	22297	3.510	ng	# 84
92) Benzo(g,h,i)perylene	17.445	276	20768	3.008	ng	# 93

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

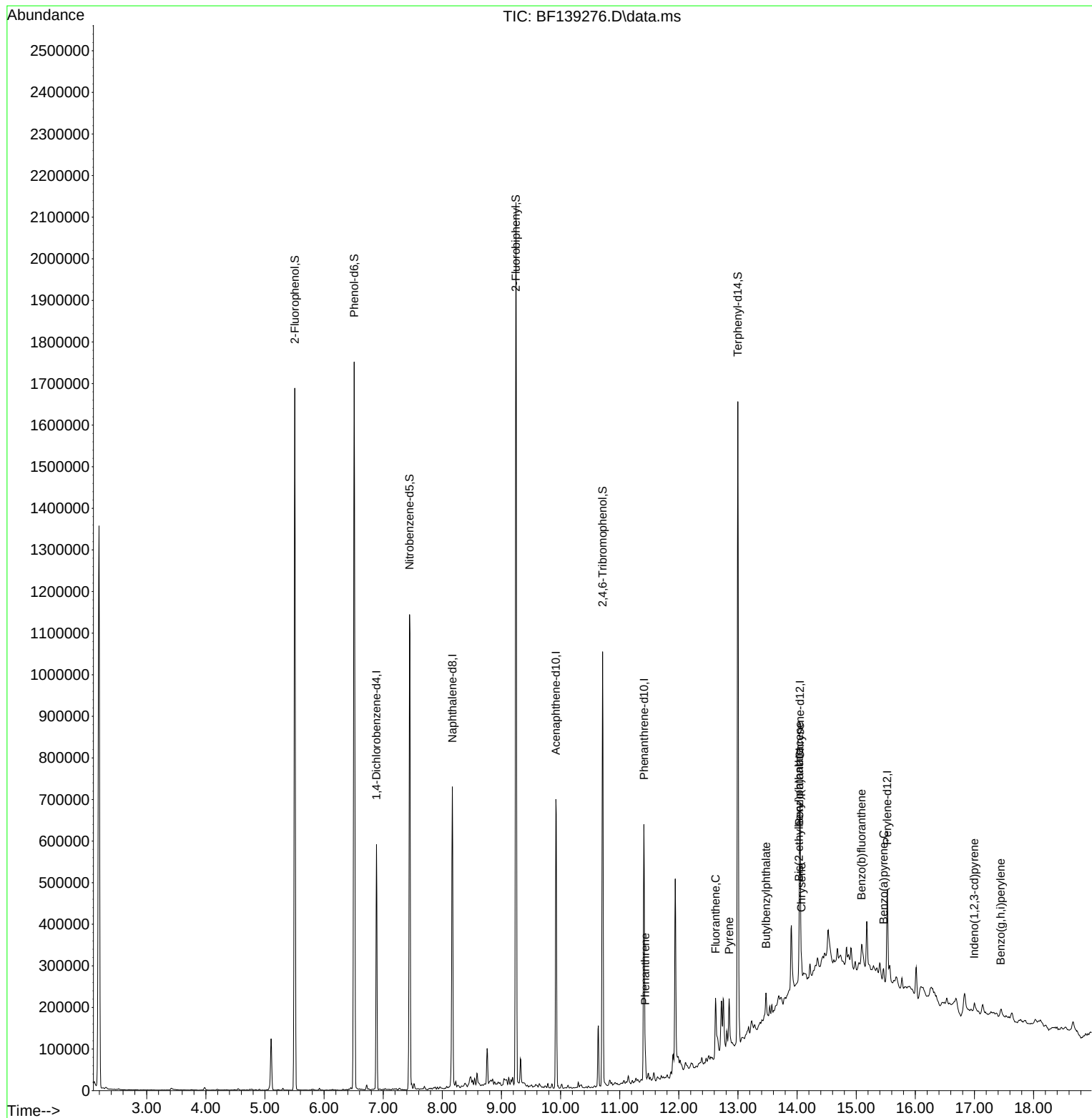
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
Data File : BF139276.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

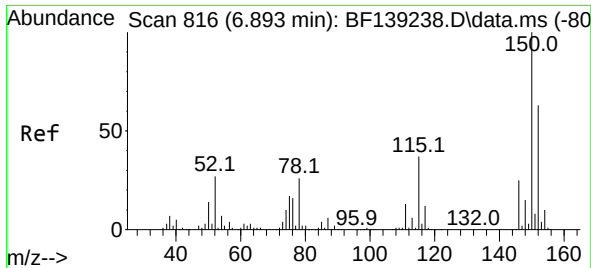
Instrument :
BNA_F
ClientSampleId :
DN-B-37

Quant Time: Sep 06 14:52:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
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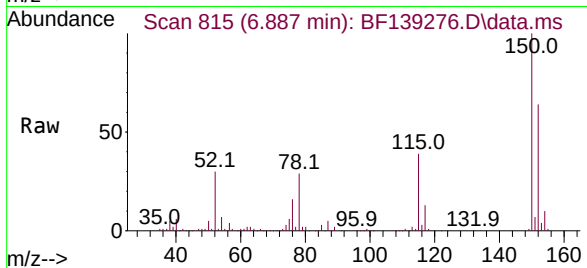
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

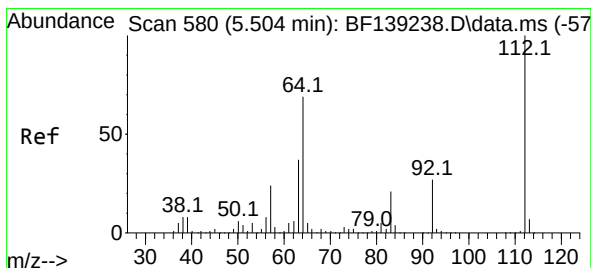
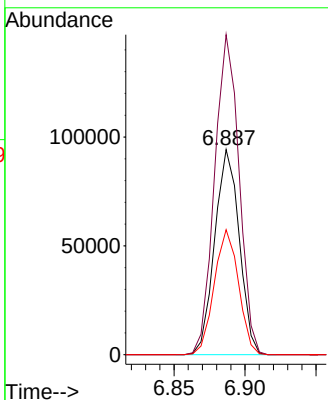
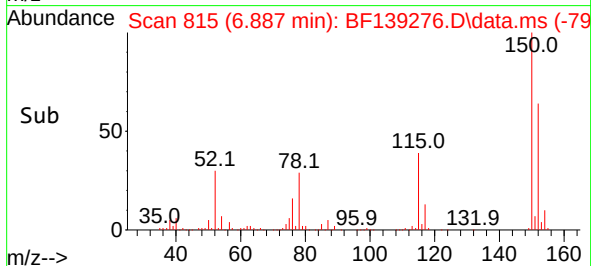
Instrument :
BNA_F
ClientSampleId :
DN-B-37



Tgt Ion:152 Resp: 11316
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.4
115 60.9 46.9 70.3

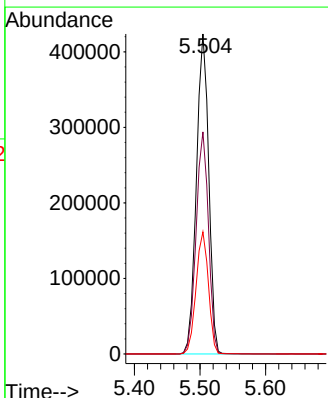
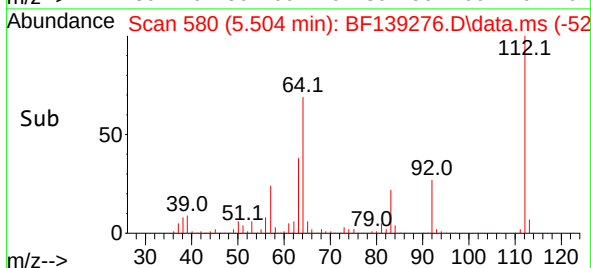
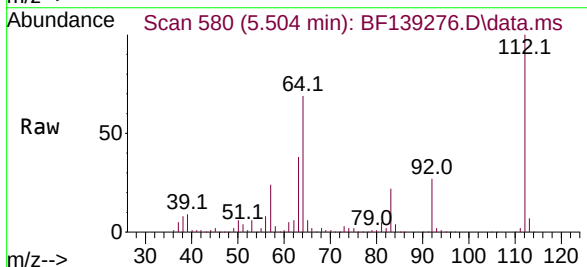
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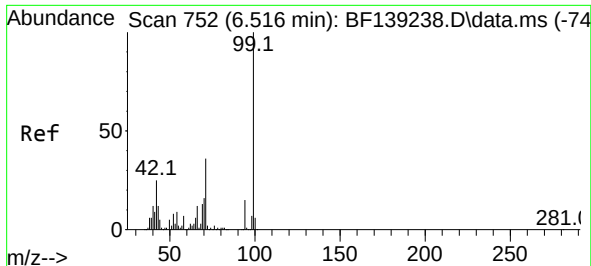
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#5
2-Fluorophenol
Concen: 82.120 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

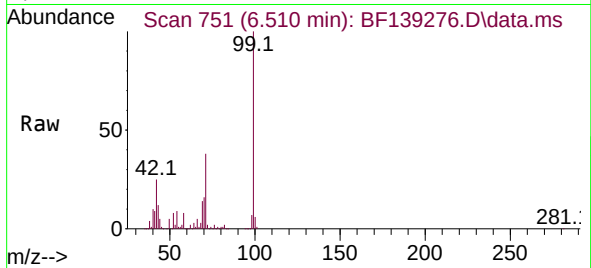
Tgt Ion:112 Resp: 555508
Ion Ratio Lower Upper
112 100
64 69.4 55.0 82.4
63 38.1 29.9 44.9





#7
Phenol-d6
Concen: 84.170 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

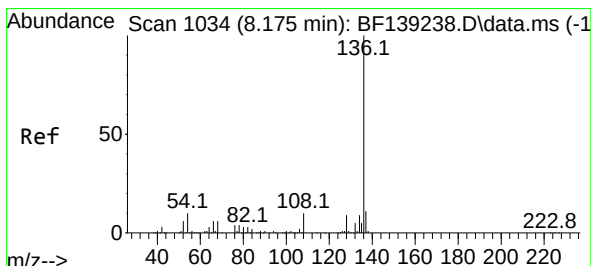
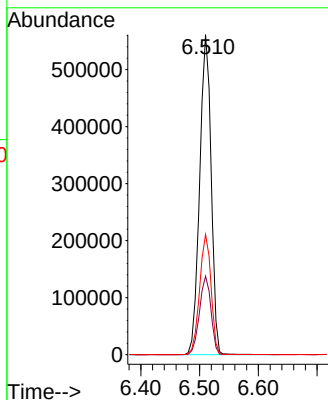
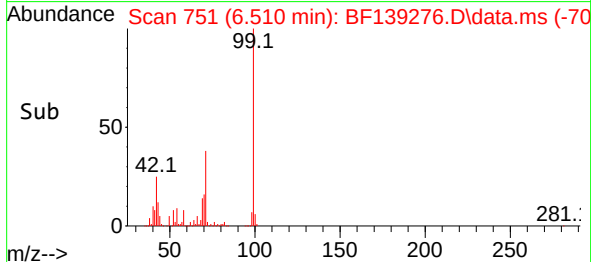
Instrument :
BNA_F
ClientSampleId :
DN-B-37



Tgt Ion: 99 Resp: 76011
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.6
71 37.6 28.8 43.2

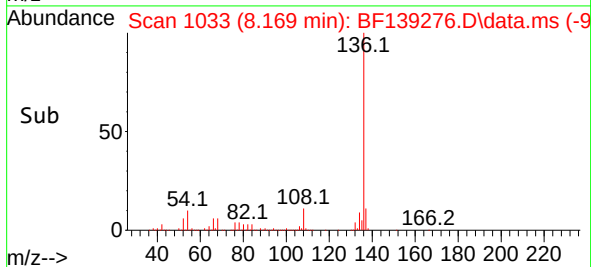
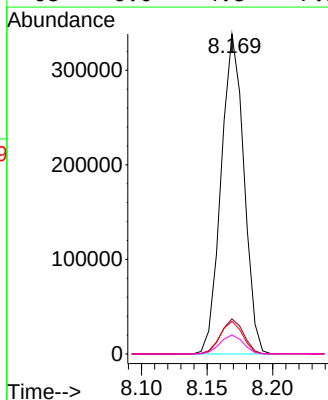
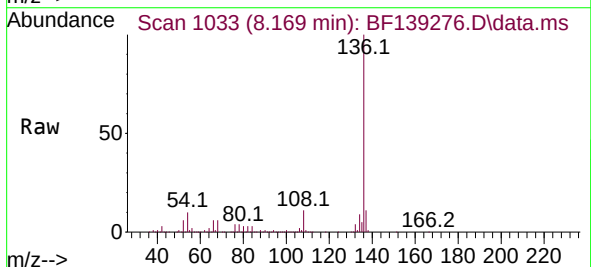
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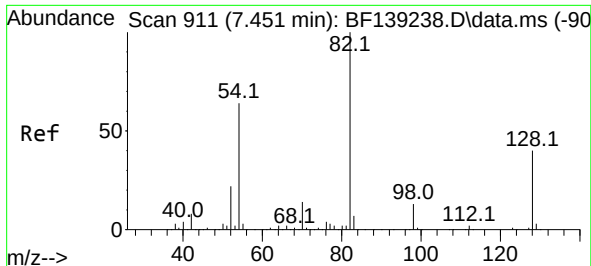
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

Tgt Ion:136 Resp: 409795
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.2 8.4 12.6
68 6.0 4.8 7.2





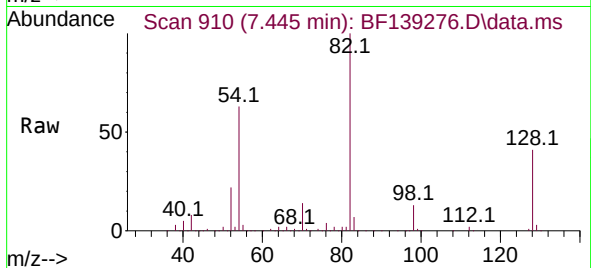
#23
Nitrobenzene-d5
Concen: 61.381 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

DN-B-37

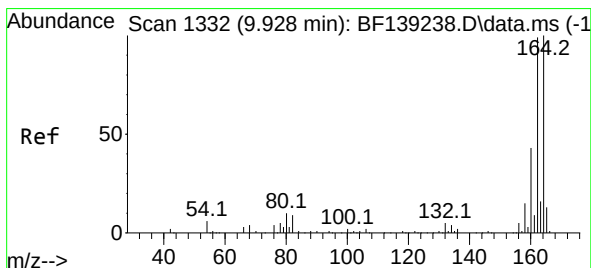
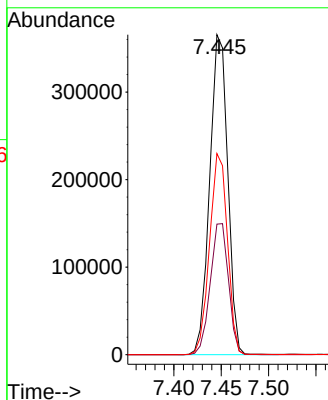
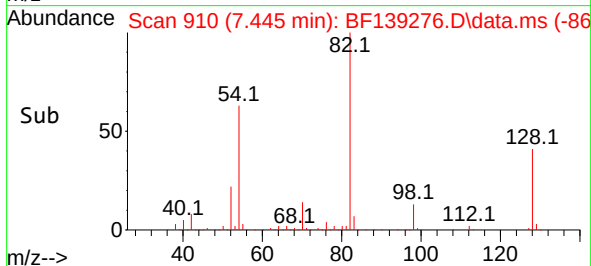


Tgt Ion: 82 Resp: 483515
Ion Ratio Lower Upper
82 100
128 40.8 32.3 48.5
54 62.8 51.2 76.8

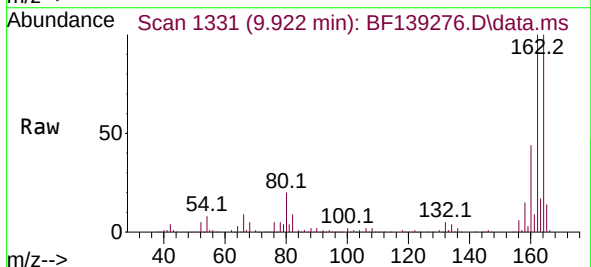
Manual Integrations

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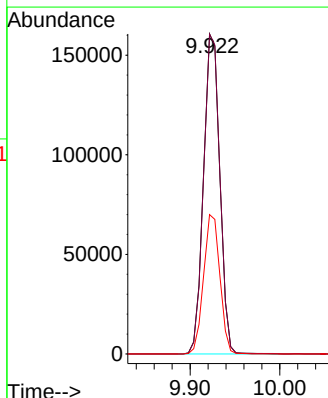
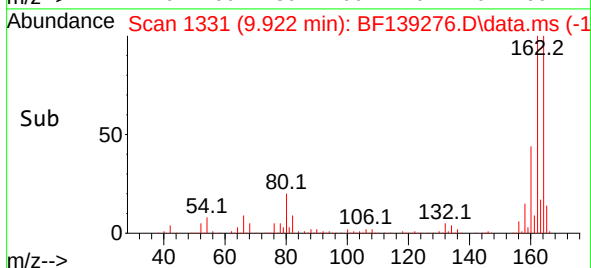
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

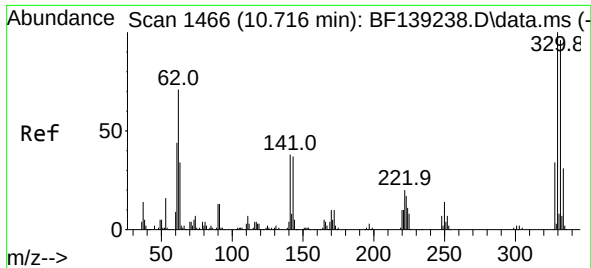


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32



Tgt Ion:164 Resp: 202561
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 43.6 34.2 51.2





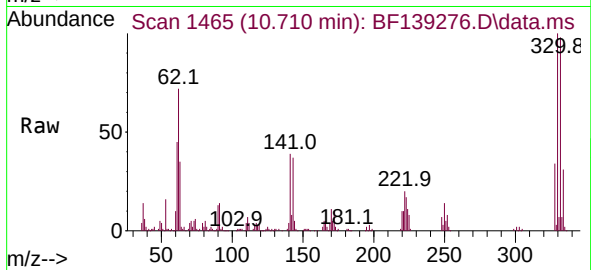
#42
2,4,6-Tribromophenol
Concen: 86.060 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

DN-B-37



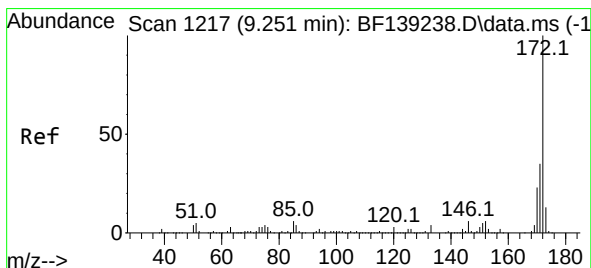
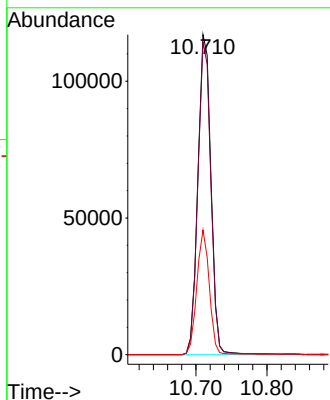
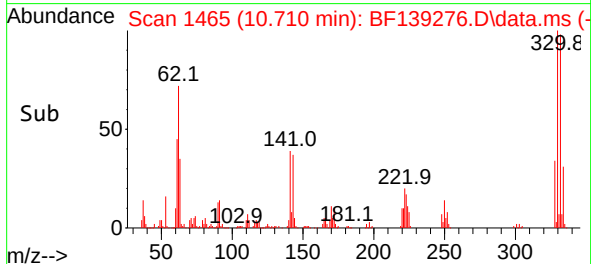
Tgt Ion:330 Resp: 150532
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 37.4 30.1 45.1

Manual Integrations

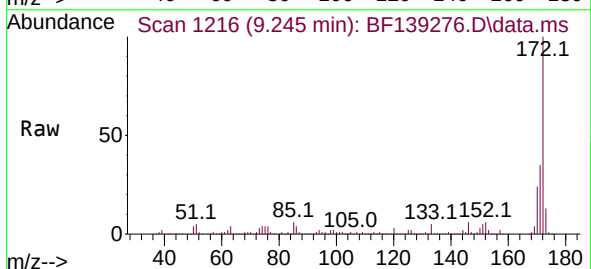
APPROVED

Reviewed By :Yogesh Patel 09/07/2024

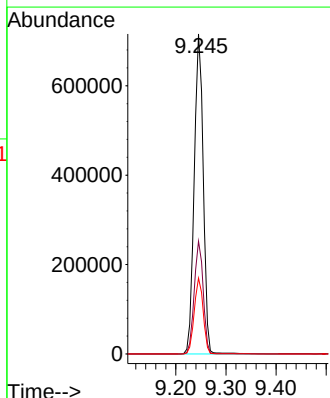
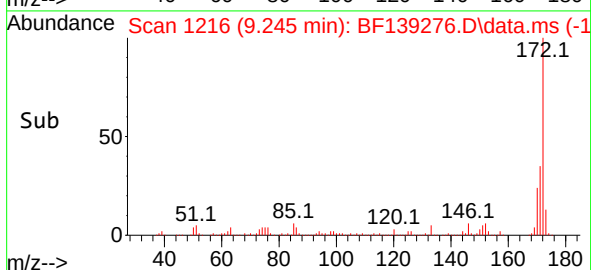
Supervised By :mohammad ahmed 09/07/2024

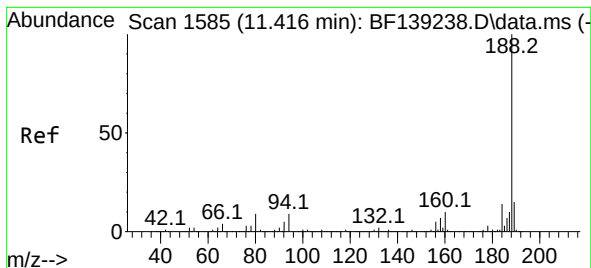


#45
2-Fluorobiphenyl
Concen: 68.256 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32



Tgt Ion:172 Resp: 895670
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139276.D

Acq: 06 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

DN-B-37

Tgt Ion:188 Resp: 31159

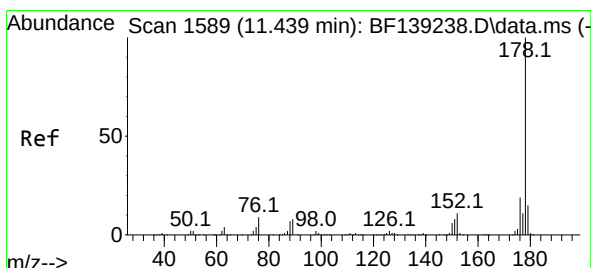
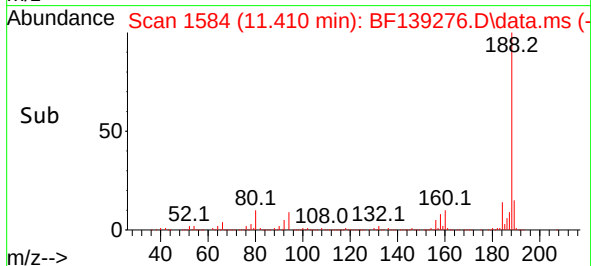
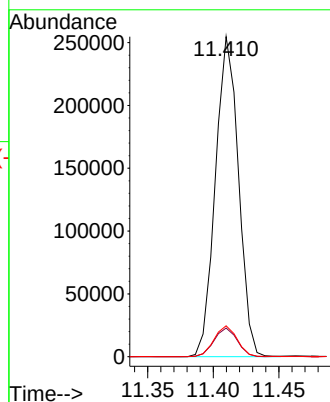
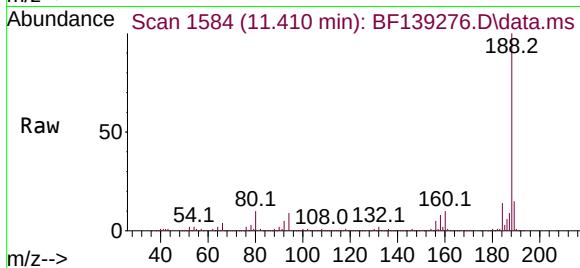
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.6	7.3	10.9

Manual Integrations

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Supervised By :mohammad ahmed 09/07/2024



#71

Phenanthrene

Concen: 2.220 ng

RT: 11.433 min Scan# 1588

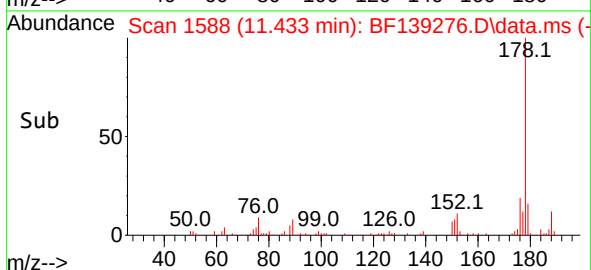
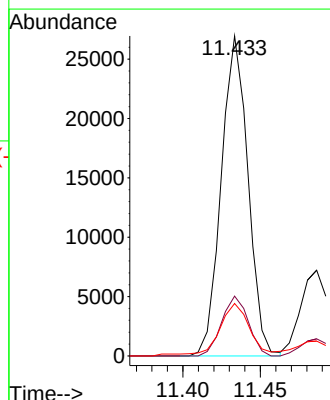
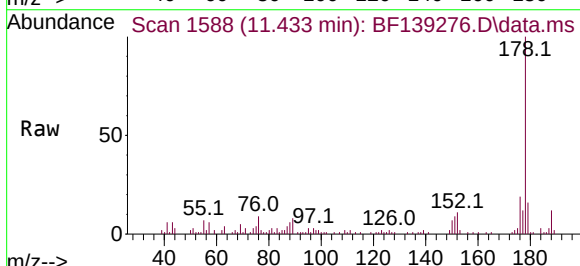
Delta R.T. -0.006 min

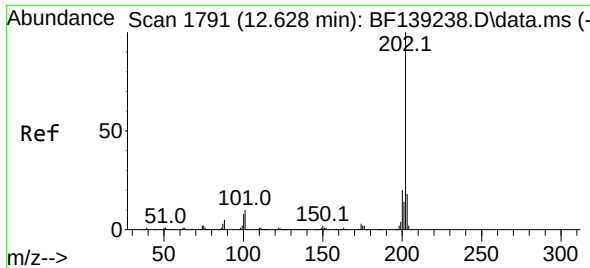
Lab File: BF139276.D

Acq: 06 Sep 2024 14:32

Tgt Ion:178 Resp: 32311

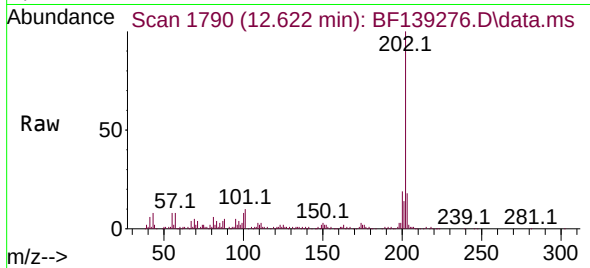
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	16.4	12.3	18.5





#75
Fluoranthene
Concen: 5.028 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

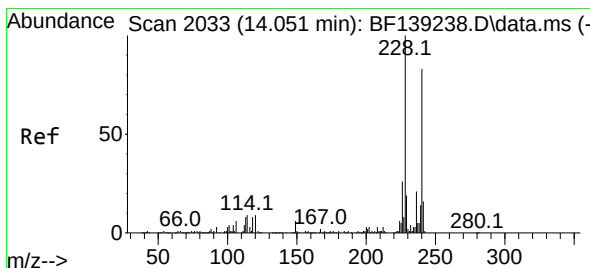
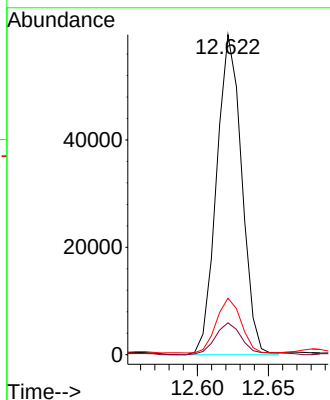
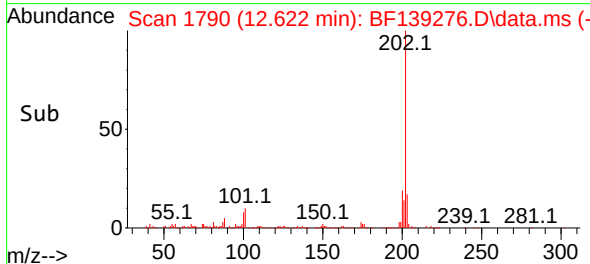
Instrument :
BNA_F
ClientSampleId :
DN-B-37



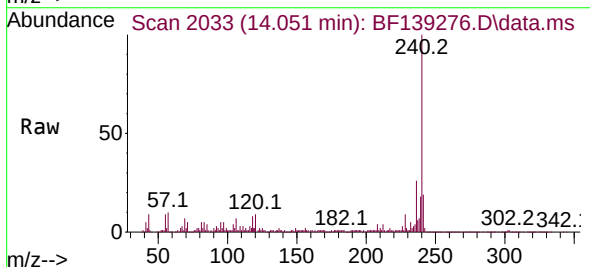
Tgt Ion:202 Resp: 73370
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.9
203 17.7 0.0 37.7

Manual Integrations
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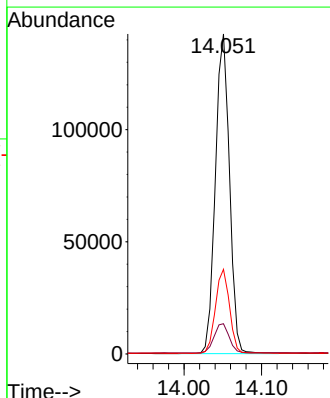
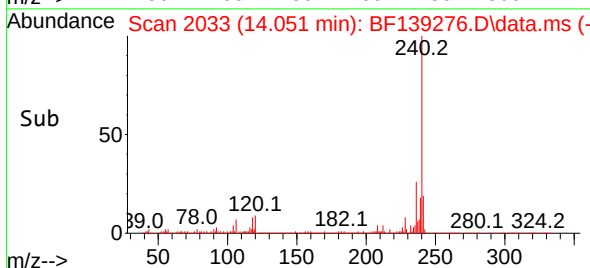
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

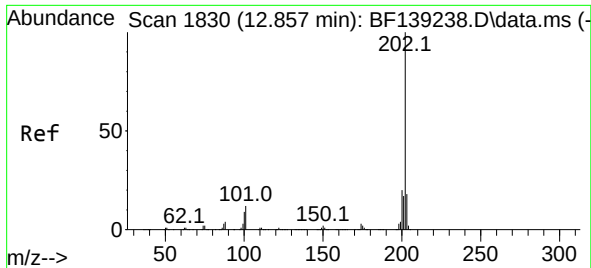


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32



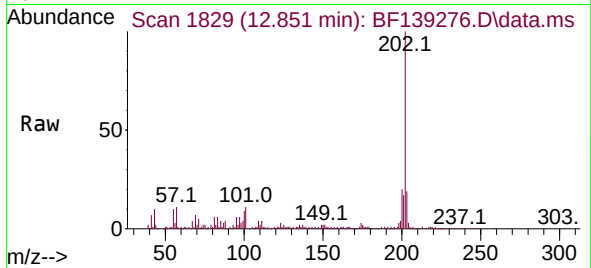
Tgt Ion:240 Resp: 179914
Ion Ratio Lower Upper
240 100
120 9.4 8.6 12.8
236 26.5 20.7 31.1





#78
Pyrene
Concen: 3.861 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

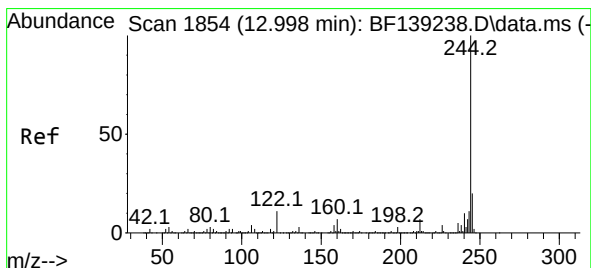
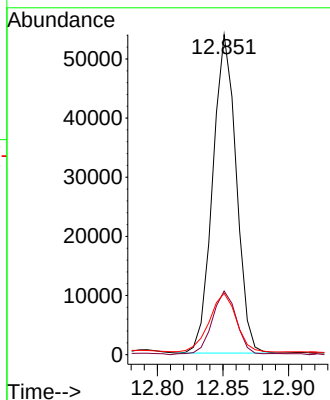
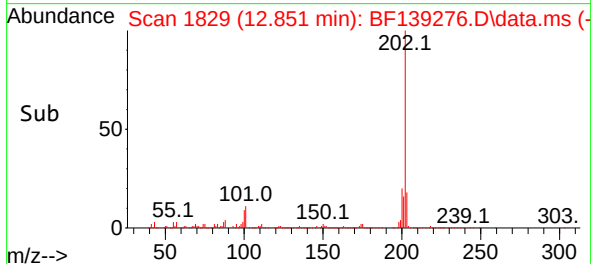
Instrument :
BNA_F
ClientSampleId :
DN-B-37



Tgt Ion:202 Resp: 67104
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.8
203 19.2 14.1 21.1

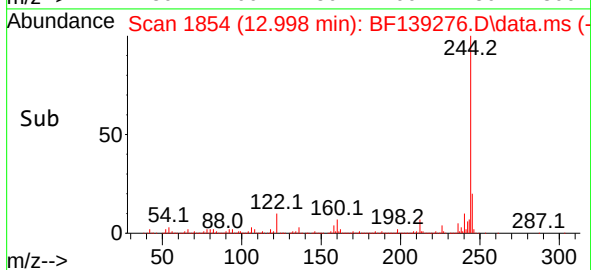
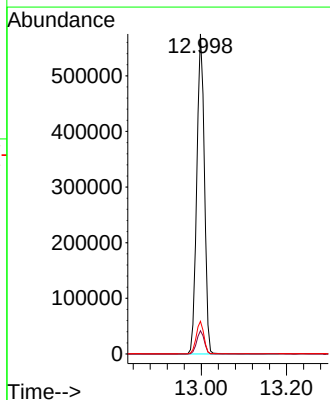
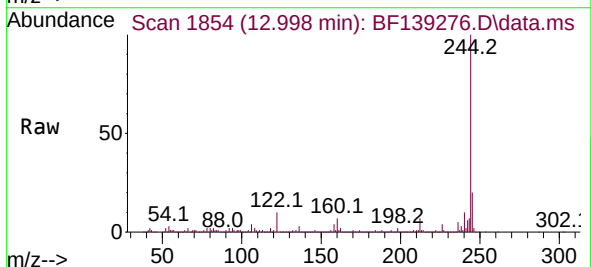
Manual Integrations
APPROVED

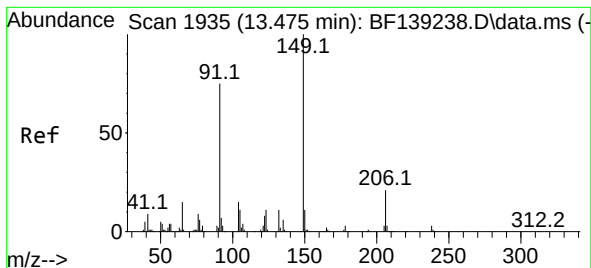
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#79
Terphenyl-d14
Concen: 64.133 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

Tgt Ion:244 Resp: 714637
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.2 8.7 13.1





#80

Butylbenzylphthalate

Concen: 2.808 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139276.D

Acq: 06 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

DN-B-37

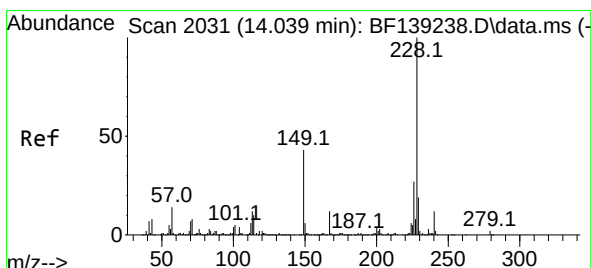
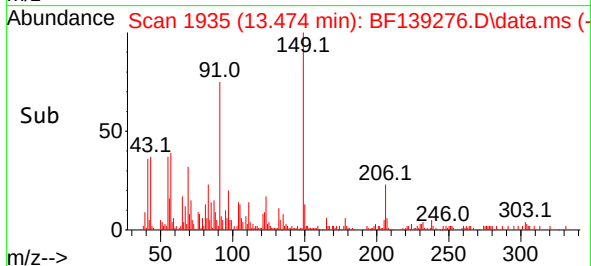
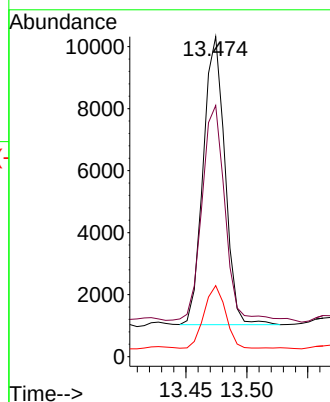
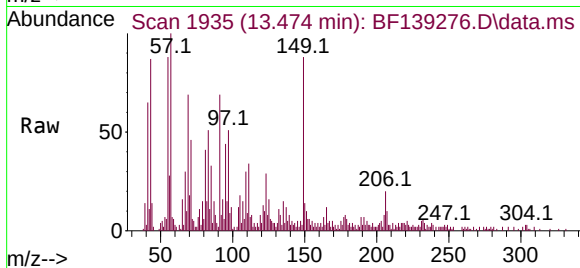
Tgt Ion:	149	Resp:	1148
Ion Ratio	Lower	Upper	
149	100		
91	78.5	60.3	90.5
206	22.2	16.7	25.1

Manual Integrations

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Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#81

Benzo(a)anthracene

Concen: 2.987 ng

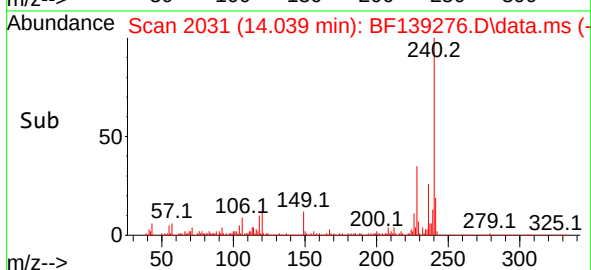
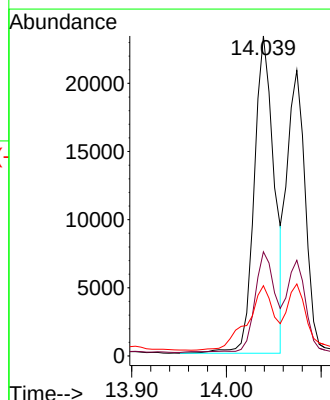
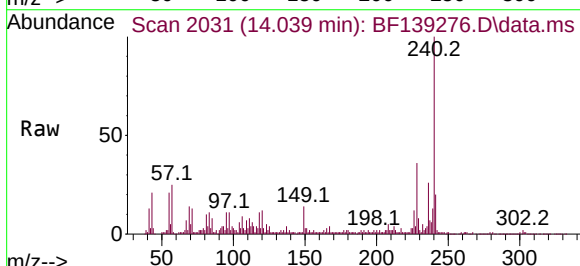
RT: 14.039 min Scan# 2031

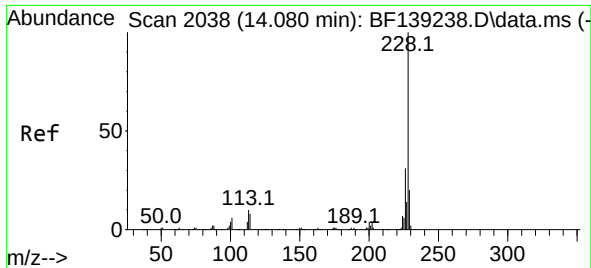
Delta R.T. -0.000 min

Lab File: BF139276.D

Acq: 06 Sep 2024 14:32

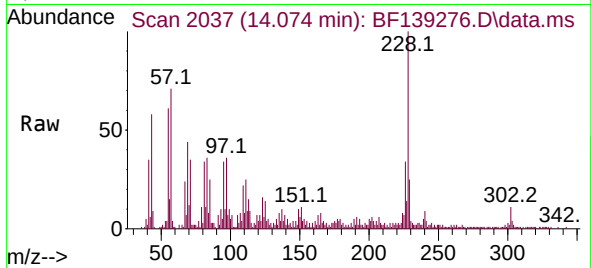
Tgt Ion:	228	Resp:	34314
Ion Ratio	Lower	Upper	
228	100		
226	32.5	21.5	32.3
229	21.9	15.6	23.4





#83
Chrysene
Concen: 2.566 ng m
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

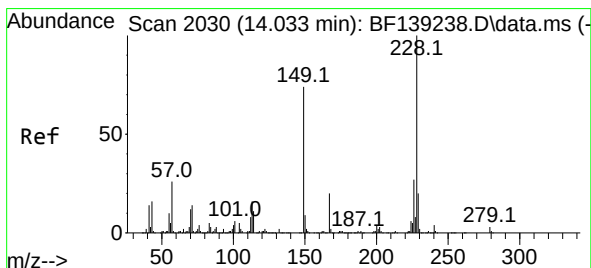
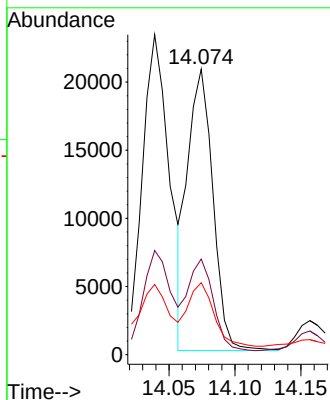
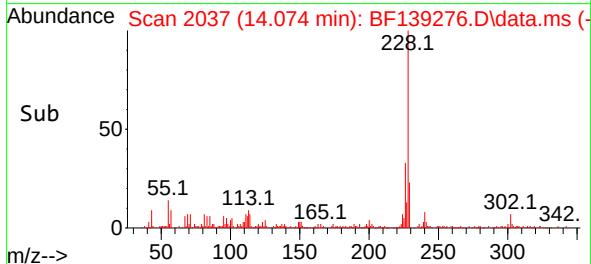
Instrument :
BNA_F
ClientSampleId :
DN-B-37



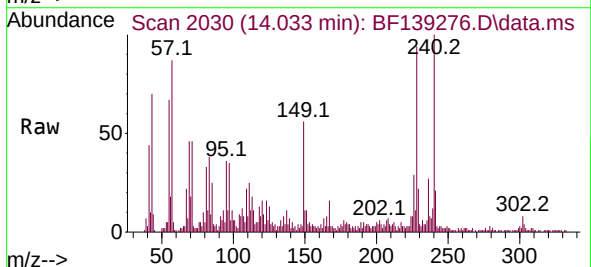
Tgt Ion:228 Resp: 27509
Ion Ratio Lower Upper
228 100
226 33.5 23.8 35.8
229 25.2 15.8 23.6

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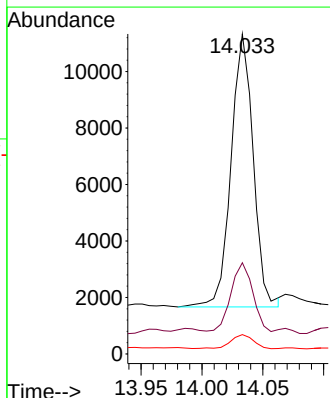
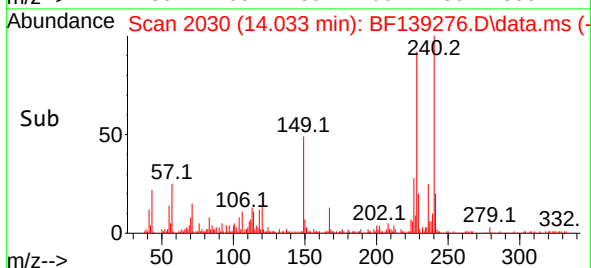
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

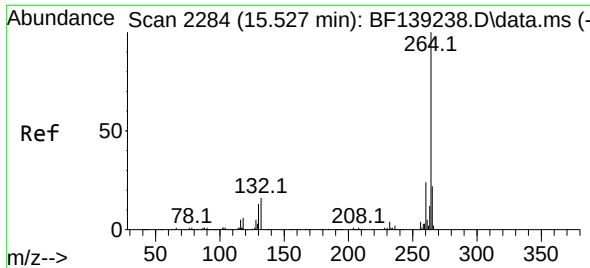


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.554 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32



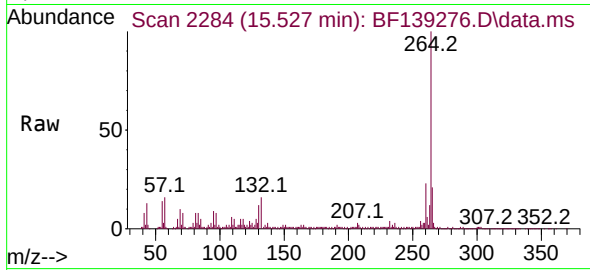
Tgt Ion:149 Resp: 12266
Ion Ratio Lower Upper
149 100
167 28.5 21.8 32.6
279 6.1 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

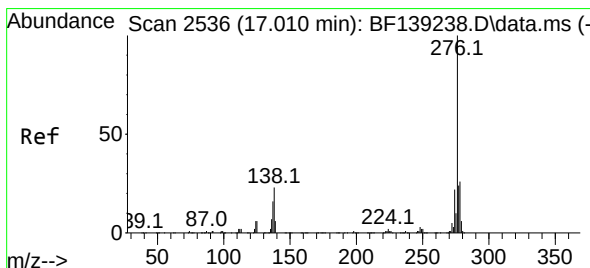
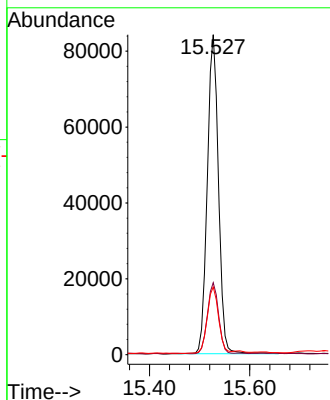
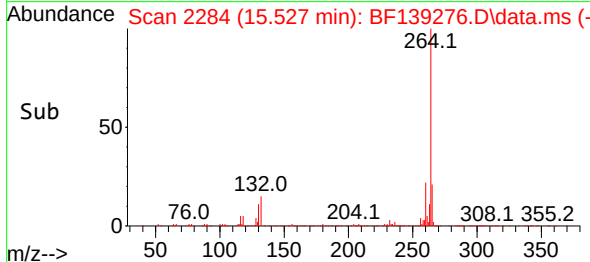
Instrument :
BNA_F
ClientSampleId :
DN-B-37



Tgt Ion:264 Resp: 12991
Ion Ratio Lower Upper
264 100
260 22.5 18.8 28.2
265 21.1 17.3 25.9

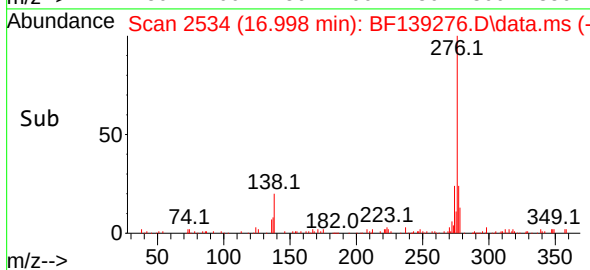
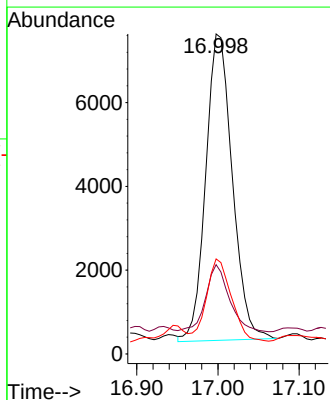
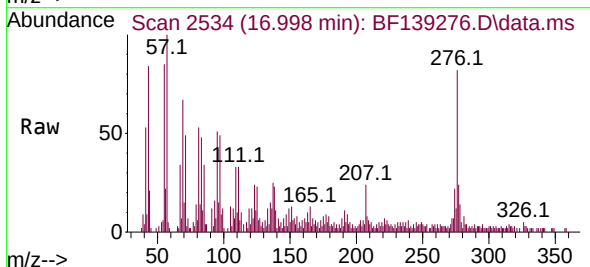
Manual Integrations
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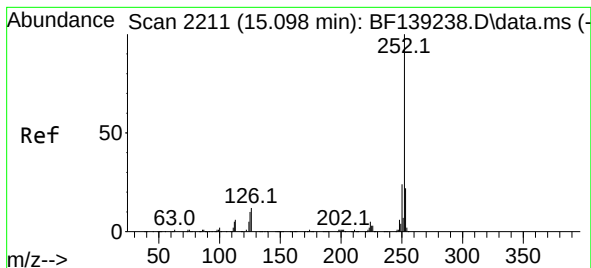
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.049 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.012 min
Lab File: BF139276.D
Acq: 06 Sep 2024 14:32

Tgt Ion:276 Resp: 16633
Ion Ratio Lower Upper
276 100
138 20.7 20.4 30.6
277 25.1 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 4.550 ng m

RT: 15.092 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF139276.D

Acq: 06 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

DN-B-37

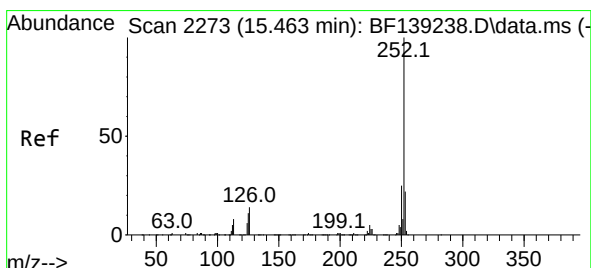
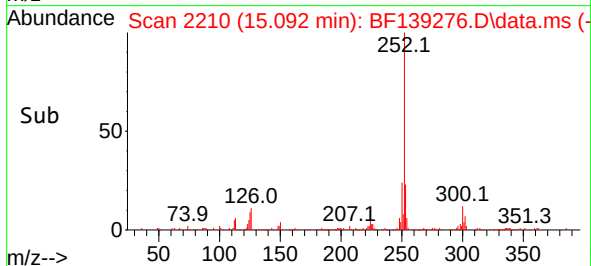
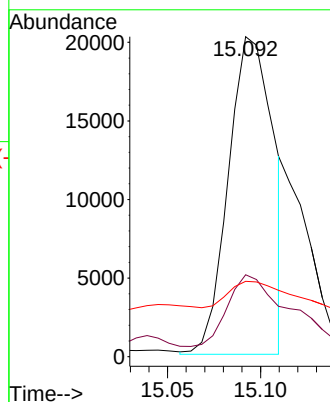
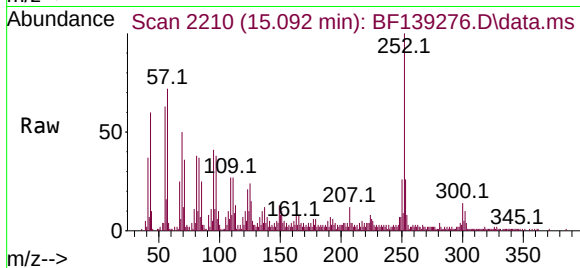
Tgt Ion:252 Resp: 34039
 Ion Ratio Lower Upper
 252 100
 253 25.6 17.6 26.4
 125 23.6 7.6 11.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#90

Benzo(a)pyrene

Concen: 3.510 ng

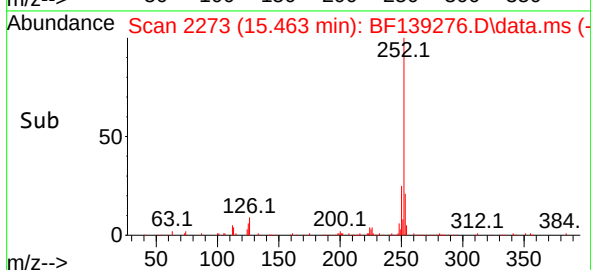
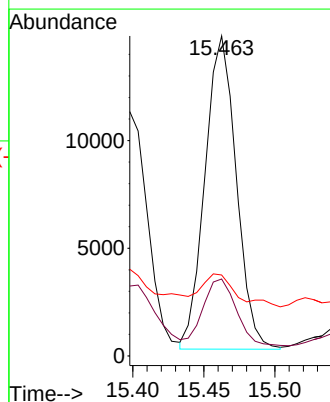
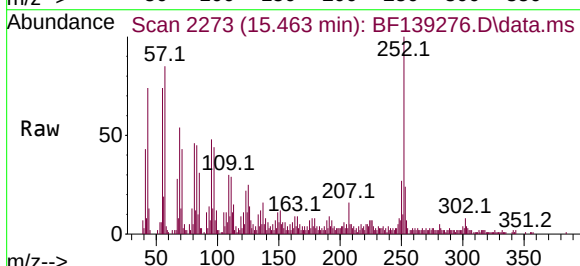
RT: 15.463 min Scan# 2273

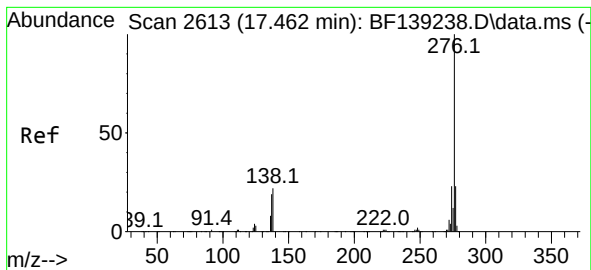
Delta R.T. -0.000 min

Lab File: BF139276.D

Acq: 06 Sep 2024 14:32

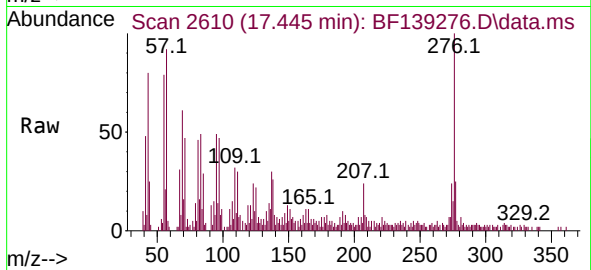
Tgt Ion:252 Resp: 22297
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.5 26.3
 125 25.3 8.6 13.0





#92
 Benzo(g,h,i)perylene
 Concen: 3.008 ng
 RT: 17.445 min Scan# 2076
 Delta R.T. -0.018 min
 Lab File: BF139276.D
 Acq: 06 Sep 2024 14:32

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-37



Tgt Ion:	276	Resp:	2076
Ion Ratio	Lower	Upper	
276	100		
277	25.2	18.6	27.8
138	26.2	17.4	26.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

