

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138449.D
 Acq On : 03 Jul 2024 16:40
 Operator : CG\JU
 Sample : P3134-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-238

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 17:04:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	116437	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	444782	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	212829	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	275425	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	208844	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	173656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	829445	118.105	ng	0.00
7) Phenol-d6	6.510	99	1084669	114.651	ng	0.00
23) Nitrobenzene-d5	7.434	82	727328	84.947	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	181749	104.523	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1164779	87.098	ng	0.00
79) Terphenyl-d14	12.974	244	838445	55.018	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	27780	2.066	ng	98
75) Fluoranthene	12.598	202	65227	5.410	ng	97
78) Pyrene	12.827	202	55586	2.490	ng	98
81) Benzo(a)anthracene	14.016	228	28427	2.115	ng	94
83) Chrysene	14.051	228	37799	2.890	ng	96
88) Benzo(b)fluoranthene	15.063	252	41516m	4.357	ng	
90) Benzo(a)pyrene	15.427	252	20394	2.442	ng	# 75

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

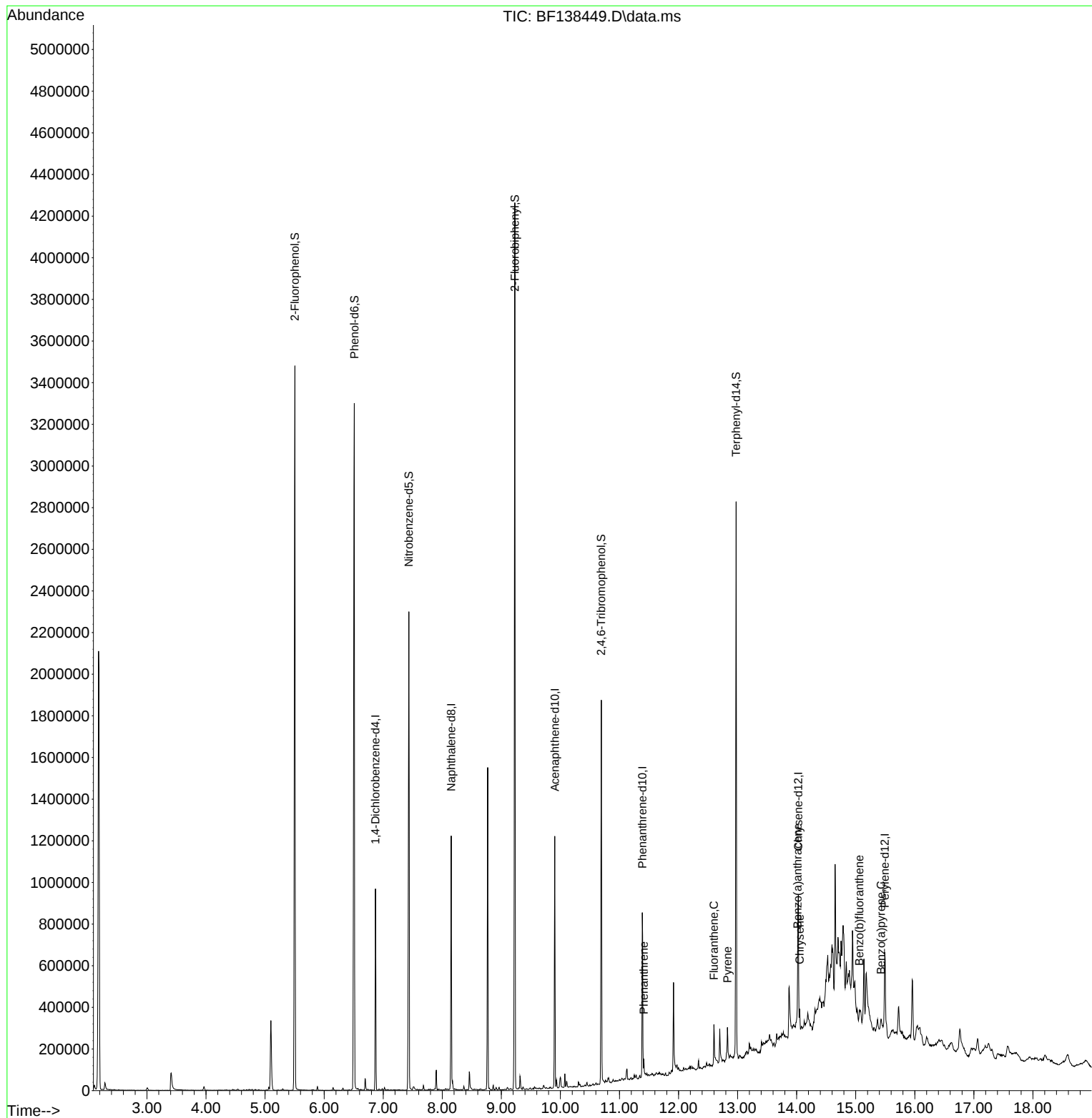
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
Data File : BF138449.D
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ALS Vial : 13 Sample Multiplier: 1

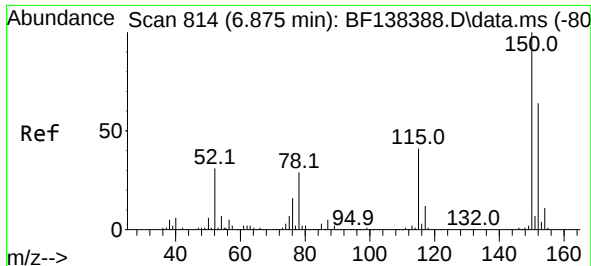
Instrument :
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Quant Time: Jul 03 17:04:52 2024
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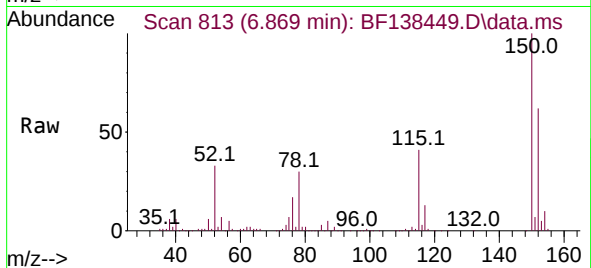
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

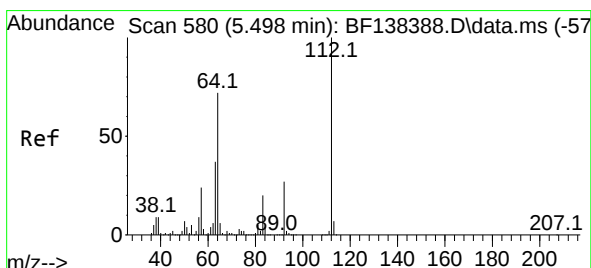
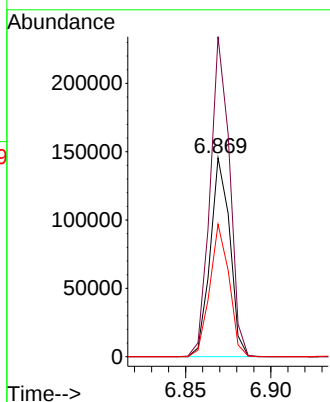
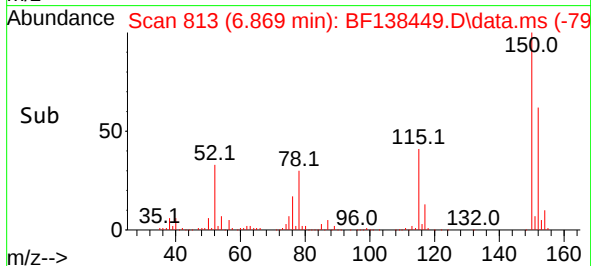
Instrument :
BNA_F
ClientSampleId :
VNJ-238



Tgt Ion:152 Resp: 11643
Ion Ratio Lower Upper
152 100
150 160.9 124.9 187.3
115 66.6 50.8 76.2

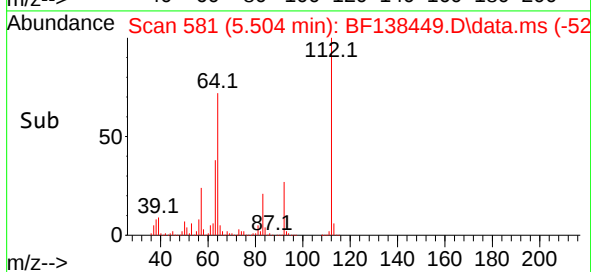
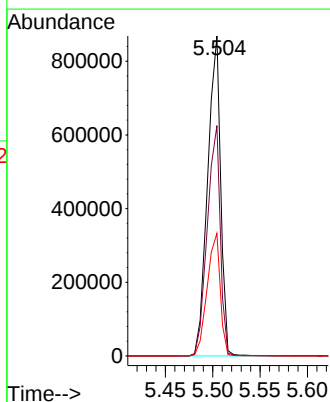
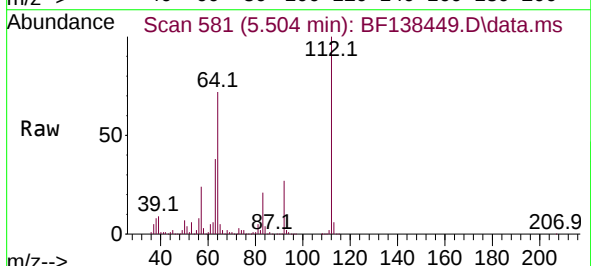
Manual Integrations
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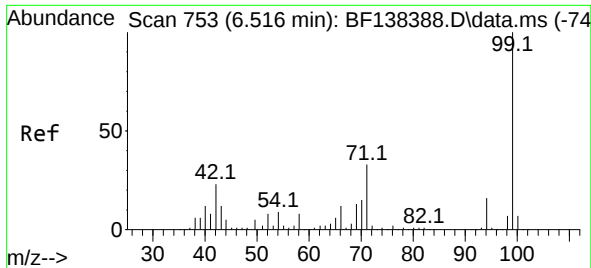
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#5
2-Fluorophenol
Concen: 118.105 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

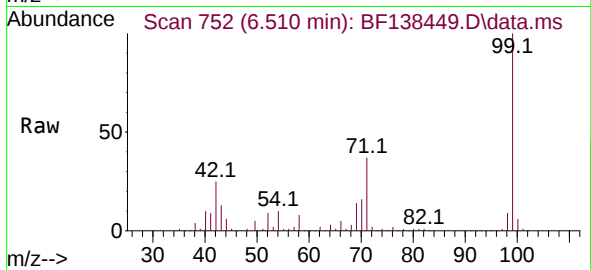
Tgt Ion:112 Resp: 829445
Ion Ratio Lower Upper
112 100
64 72.0 57.2 85.8
63 38.3 29.4 44.0





#7
Phenol-d6
Concen: 114.651 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

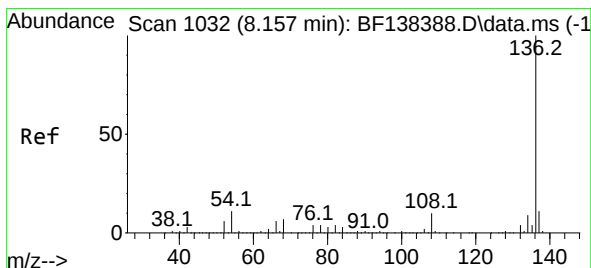
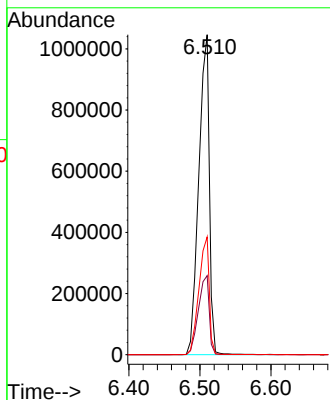
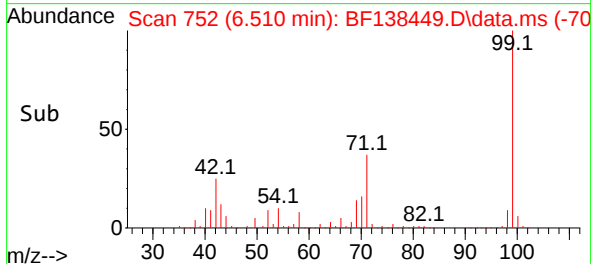
Instrument :
BNA_F
ClientSampleId :
VNJ-238



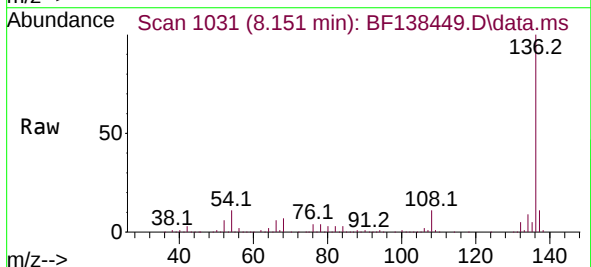
Tgt Ion: 99 Resp: 108466
Ion Ratio Lower Upper
99 100
42 24.7 18.5 27.7
71 36.8 26.1 39.1

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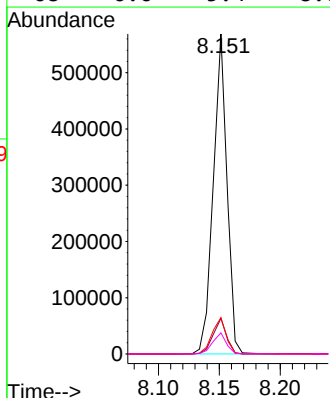
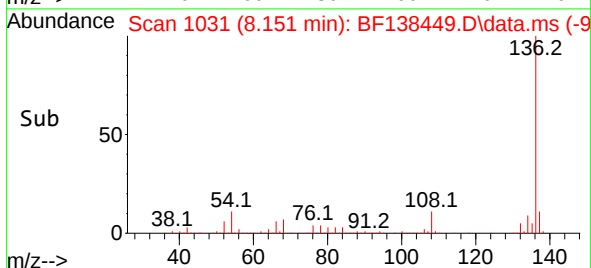
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

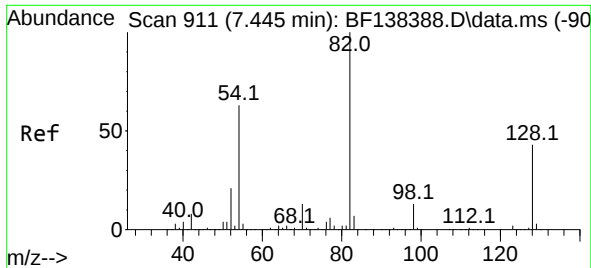


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40



Tgt Ion:136 Resp: 444782
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.3 9.0 13.4
68 6.6 5.4 8.0





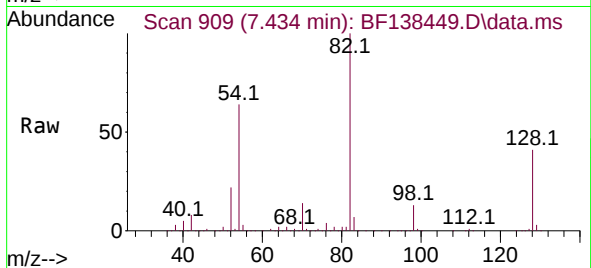
#23
Nitrobenzene-d5
Concen: 84.947 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238

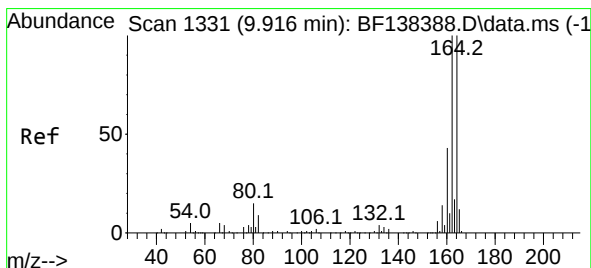
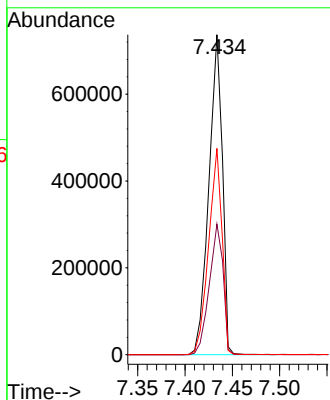
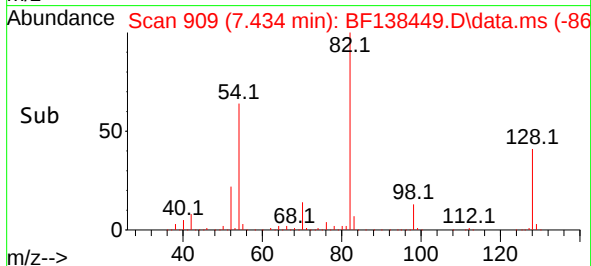


Tgt Ion: 82 Resp: 727328
Ion Ratio Lower Upper
82 100
128 40.8 34.6 52.0
54 64.5 50.5 75.7

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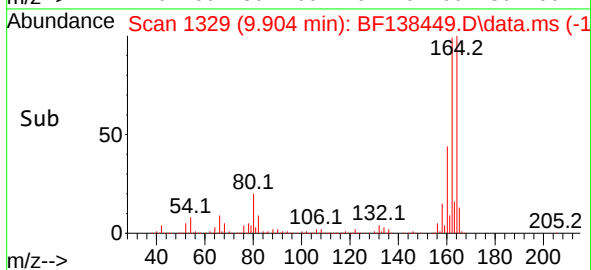
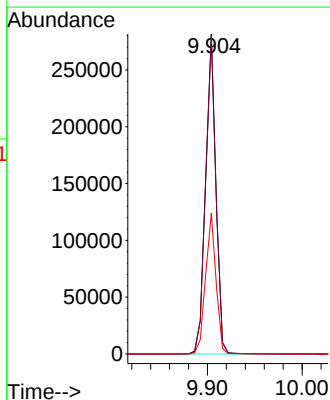
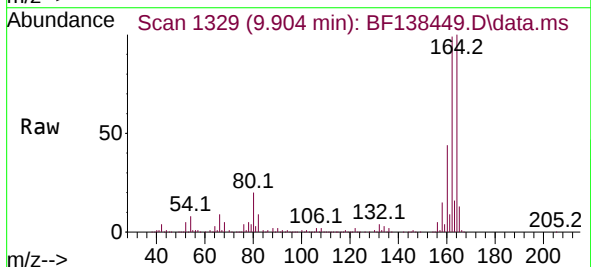
APPROVED

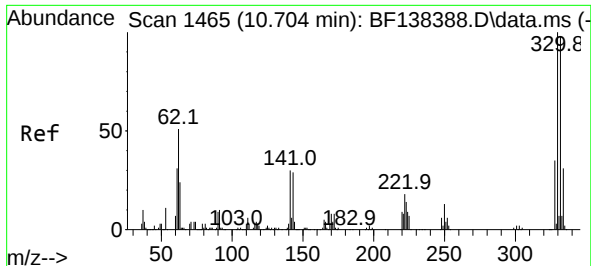
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

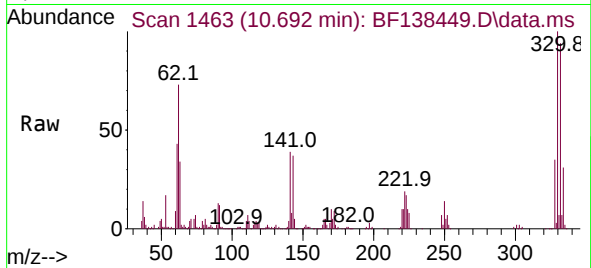
Tgt Ion:164 Resp: 212829
Ion Ratio Lower Upper
164 100
162 99.3 80.1 120.1
160 43.9 34.1 51.1





#42
2,4,6-Tribromophenol
Concen: 104.523 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

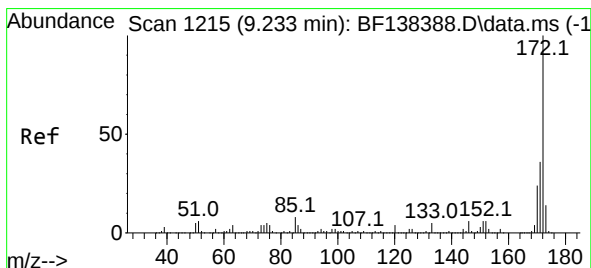
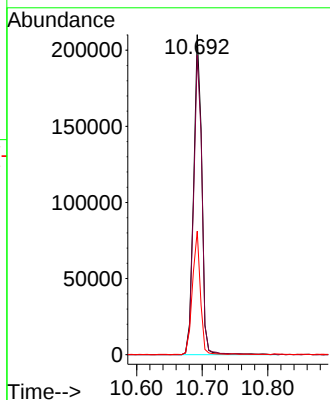
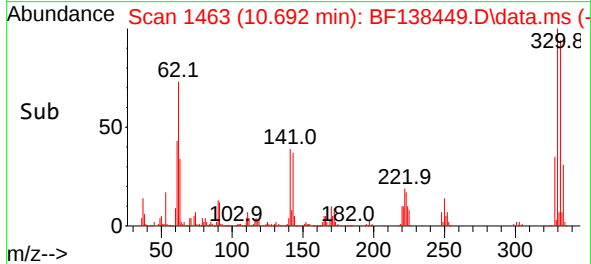
Instrument :
BNA_F
ClientSampleId :
VNJ-238



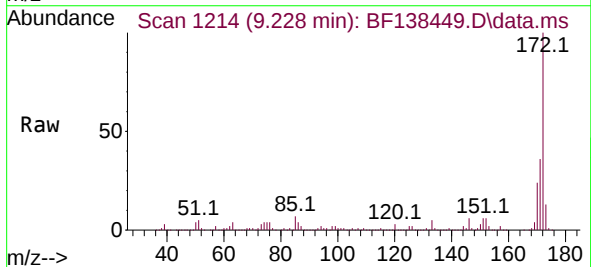
Tgt Ion: 330 Resp: 181749
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 37.5 28.1 42.1

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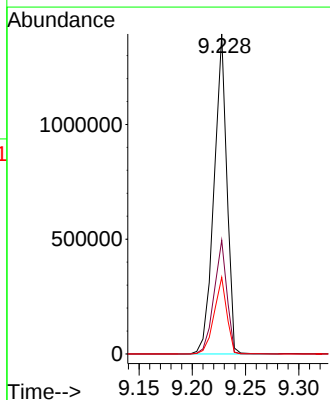
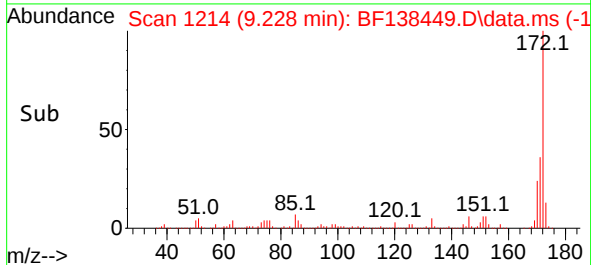
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

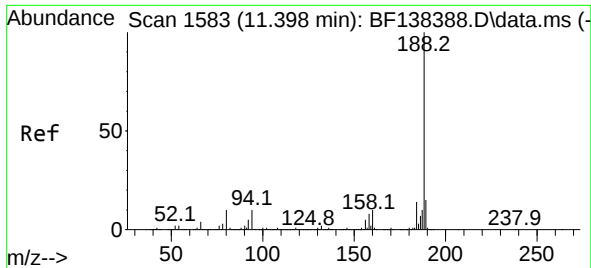


#45
2-Fluorobiphenyl
Concen: 87.098 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40



Tgt Ion: 172 Resp: 1164779
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 23.9 19.0 28.6





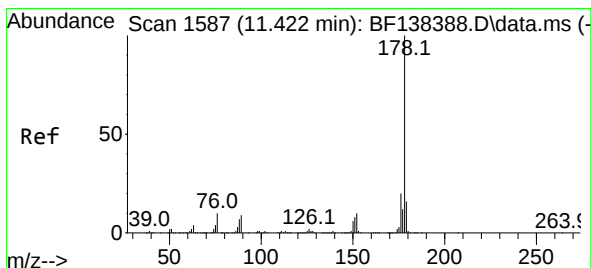
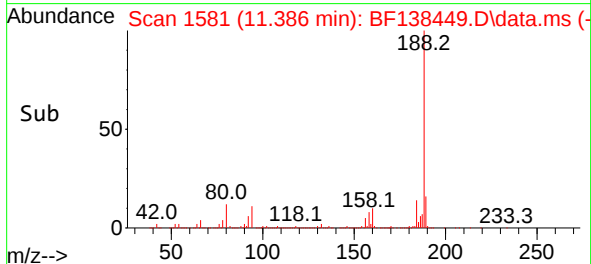
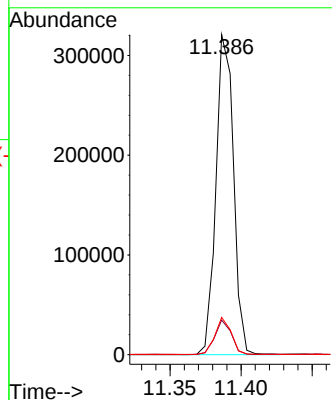
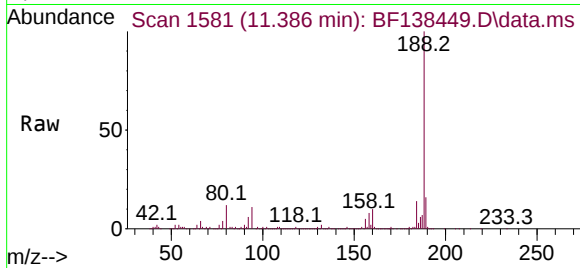
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:188 Resp: 275425
Ion Ratio Lower Upper
188 100
94 10.8 8.0 12.0
80 11.6 8.2 12.4

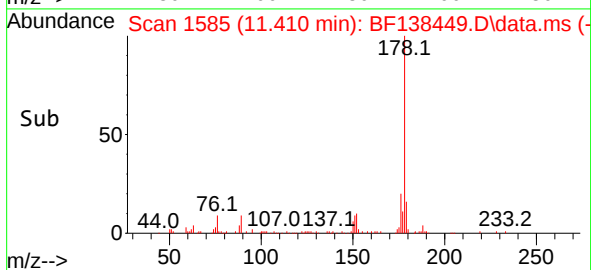
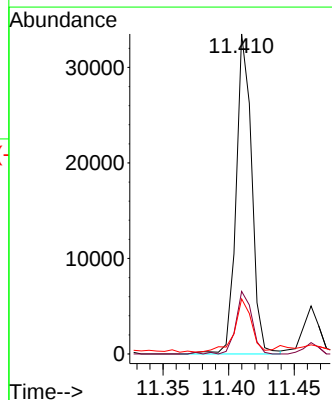
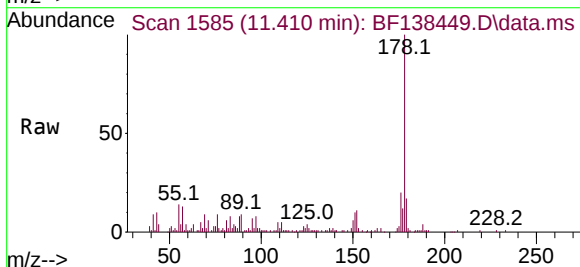
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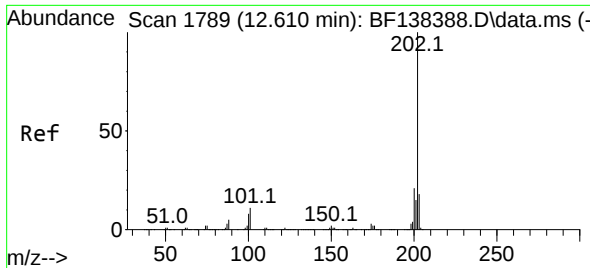
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#71
Phenanthrene
Concen: 2.066 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

Tgt Ion:178 Resp: 27780
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 17.2 12.6 18.8





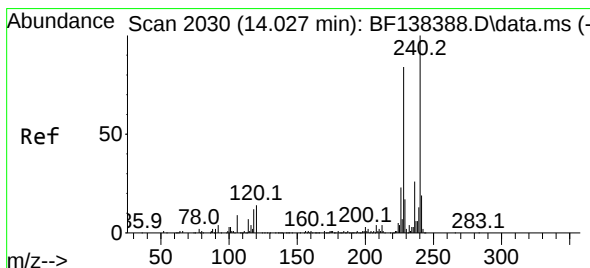
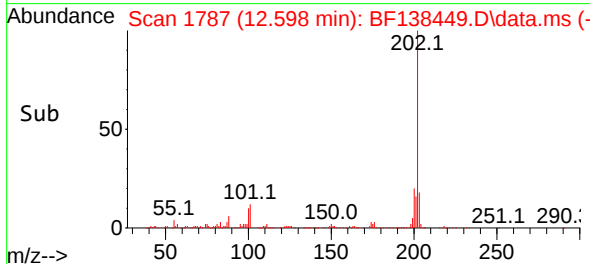
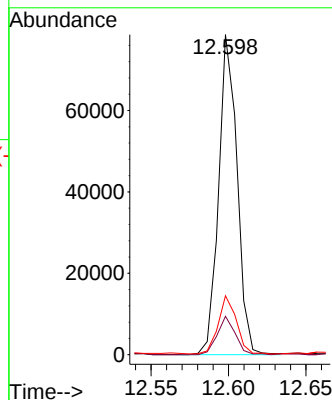
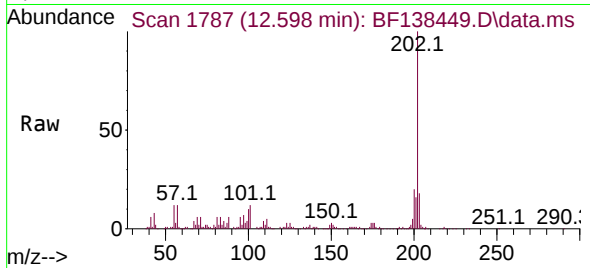
#75
Fluoranthene
Concen: 5.410 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:202 Resp: 6522
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.5
203 18.4 0.0 37.6

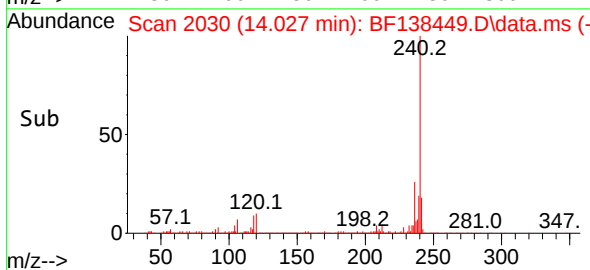
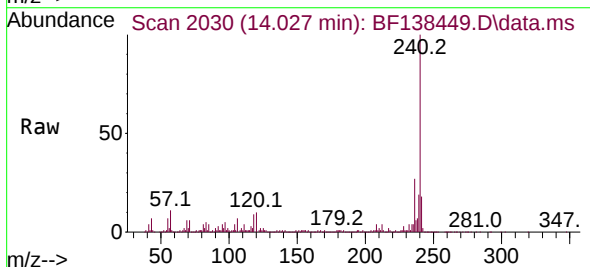
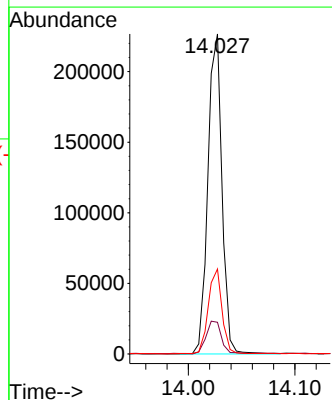
Manual Integrations
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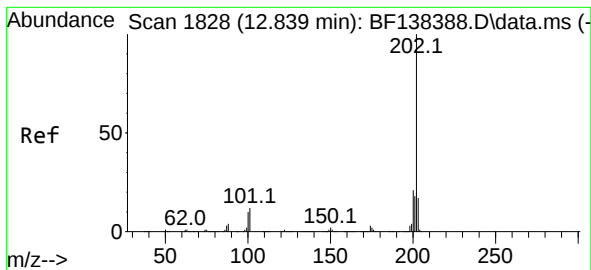
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

Tgt Ion:240 Resp: 208844
Ion Ratio Lower Upper
240 100
120 9.9 10.9 16.3#
236 26.5 20.6 30.8





#78

Pyrene

Concen: 2.490 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BF138449.D

Acq: 03 Jul 2024 16:40

Instrument :

BNA_F

ClientSampleId :

VNJ-238

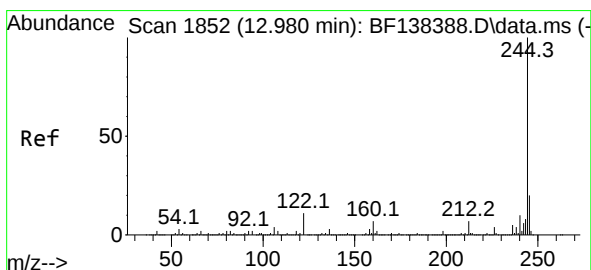
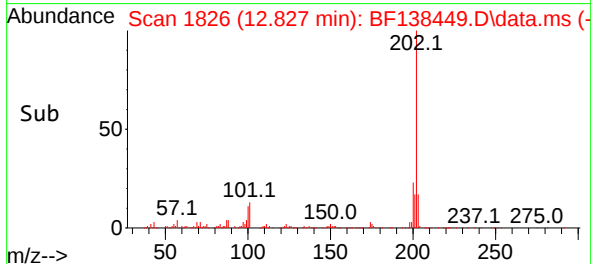
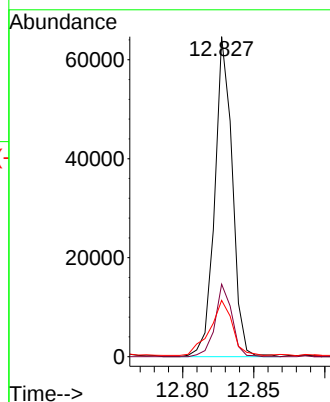
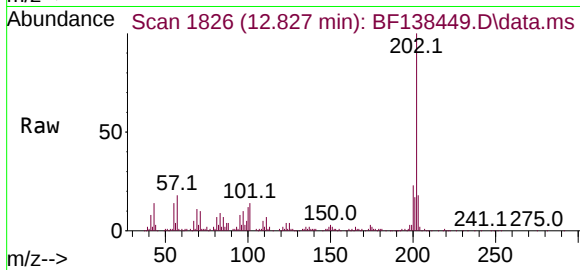
Tgt Ion:202 Resp: 55580
 Ion Ratio Lower Upper
 202 100
 200 22.7 16.9 25.3
 203 17.6 13.8 20.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#79

Terphenyl-d14

Concen: 55.018 ng

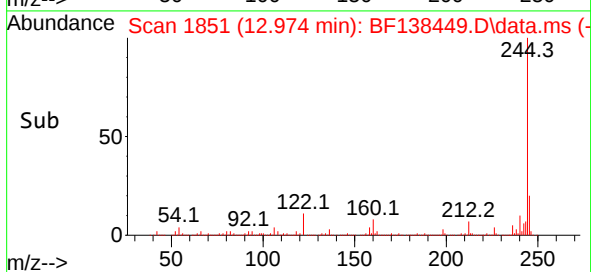
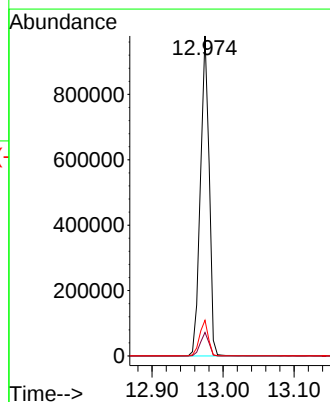
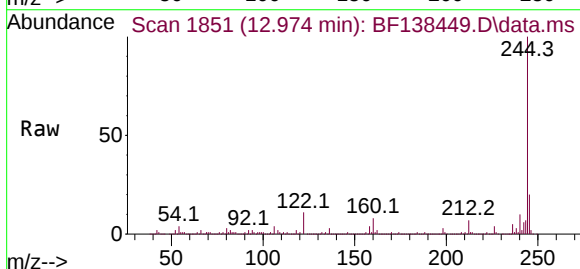
RT: 12.974 min Scan# 1851

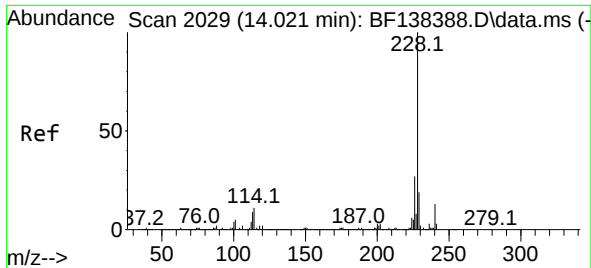
Delta R.T. -0.006 min

Lab File: BF138449.D

Acq: 03 Jul 2024 16:40

Tgt Ion:244 Resp: 838445
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.2 9.0 13.4





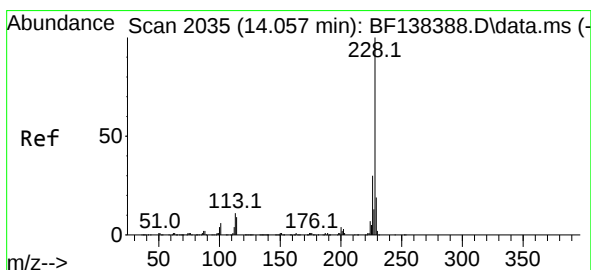
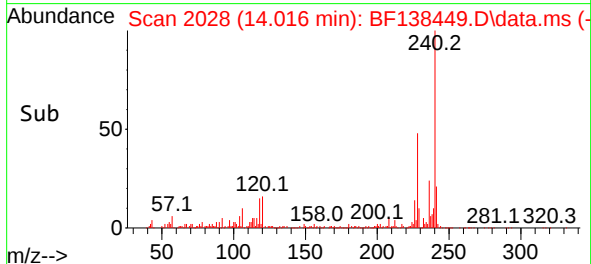
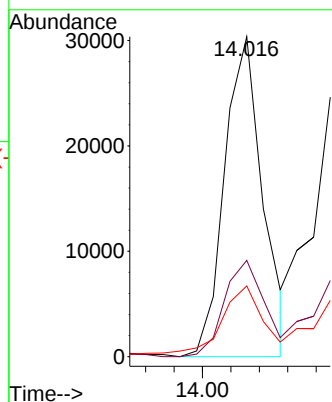
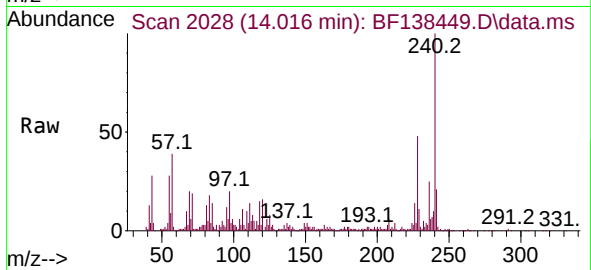
#81
Benzo(a)anthracene
Concen: 2.115 ng
RT: 14.016 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:228 Resp: 2842
Ion Ratio Lower Upper
228 100
226 30.1 21.7 32.5
229 22.1 15.5 23.3

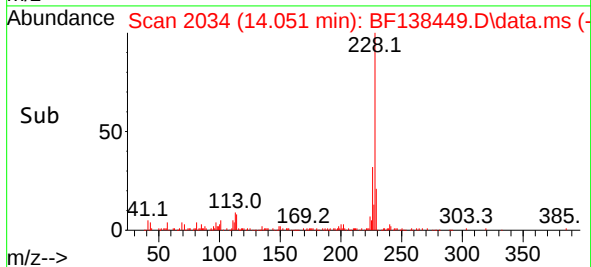
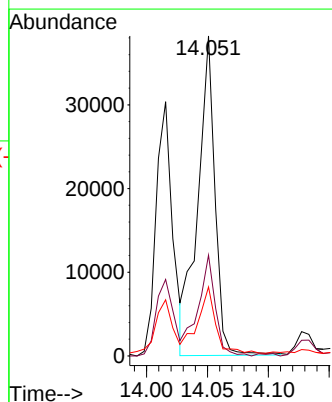
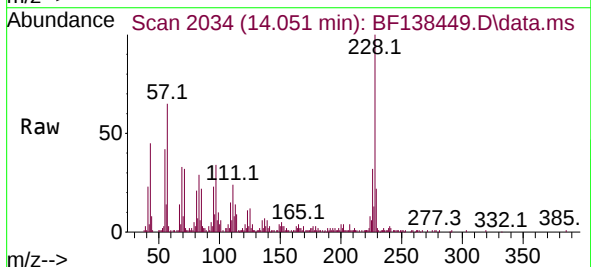
Manual Integrations
APPROVED

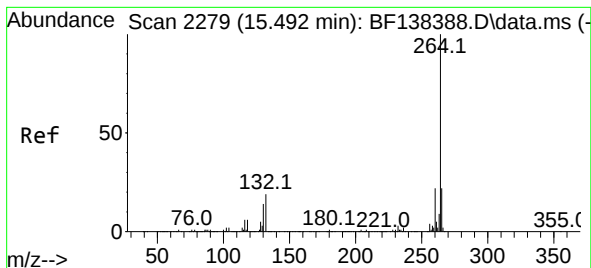
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#83
Chrysene
Concen: 2.890 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

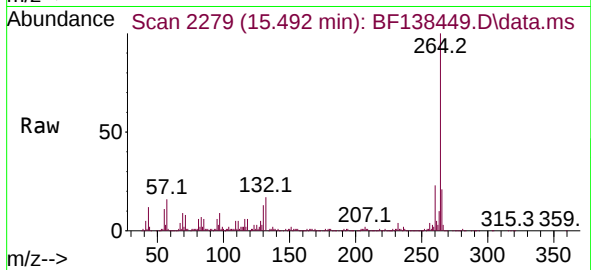
Tgt Ion:228 Resp: 37799
Ion Ratio Lower Upper
228 100
226 31.5 23.8 35.6
229 21.5 15.2 22.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

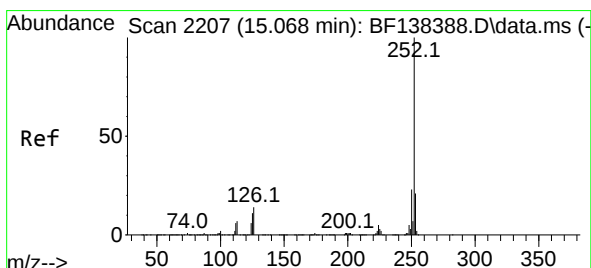
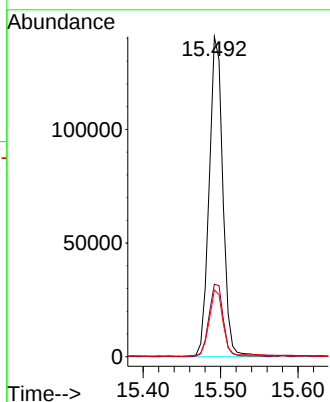
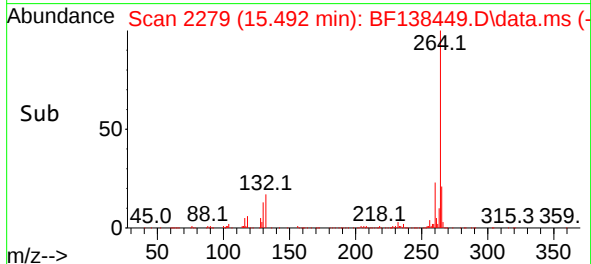
Instrument :
BNA_F
ClientSampleId :
VNJ-238



Tgt Ion:264 Resp: 173650
Ion Ratio Lower Upper
264 100
260 22.6 17.8 26.6
265 20.9 17.5 26.3

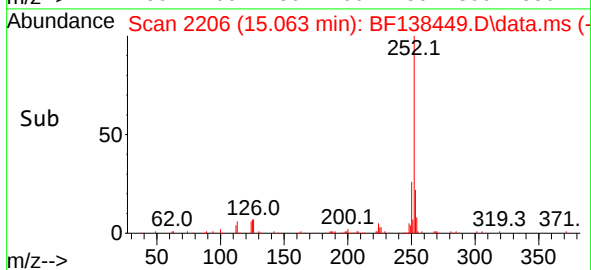
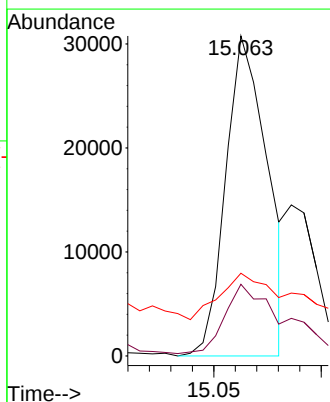
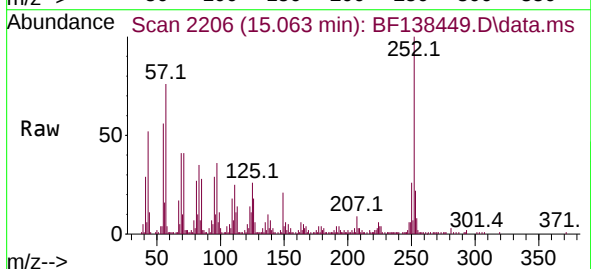
Manual Integrations
APPROVED

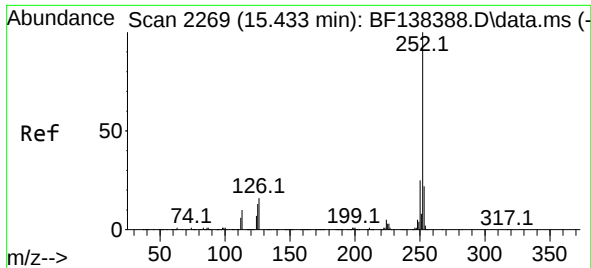
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#88
Benzo(b)fluoranthene
Concen: 4.357 ng m
RT: 15.063 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

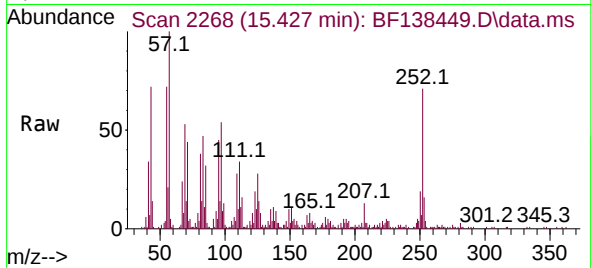
Tgt Ion:252 Resp: 41516
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 25.9 8.6 12.8#





#90
Benzo(a)pyrene
Concen: 2.442 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138449.D
Acq: 03 Jul 2024 16:40

Instrument :
BNA_F
ClientSampleId :
VNJ-238



Tgt Ion:	252	Resp:	20394
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	39.1	10.2	15.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

