

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138535.D
 Acq On : 11 Jul 2024 21:23
 Operator : CG\JU
 Sample : P3208-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-207

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 01:14:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	89569	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	349463	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	167446	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	237928	20.000	ng	0.00
76) Chrysene-d12	14.021	240	181182	20.000	ng	0.00
86) Perylene-d12	15.486	264	186132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	515199	91.097	ng	0.02
7) Phenol-d6	6.528	99	674560	89.661	ng	0.02
23) Nitrobenzene-d5	7.428	82	424791	59.681	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	113622	72.604	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	706854	65.976	ng	0.00
79) Terphenyl-d14	12.968	244	552500	49.679	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.404	178	28696	2.387	ng	98
75) Fluoranthene	12.592	202	59458	4.848	ng	99
78) Pyrene	12.821	202	59032	3.210	ng	99
81) Benzo(a)anthracene	14.009	228	30271	2.490	ng	94
83) Chrysene	14.045	228	35432	3.081	ng	97
88) Benzo(b)fluoranthene	15.056	252	44247m	4.221	ng	
90) Benzo(a)pyrene	15.421	252	25202	2.737	ng	# 91

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

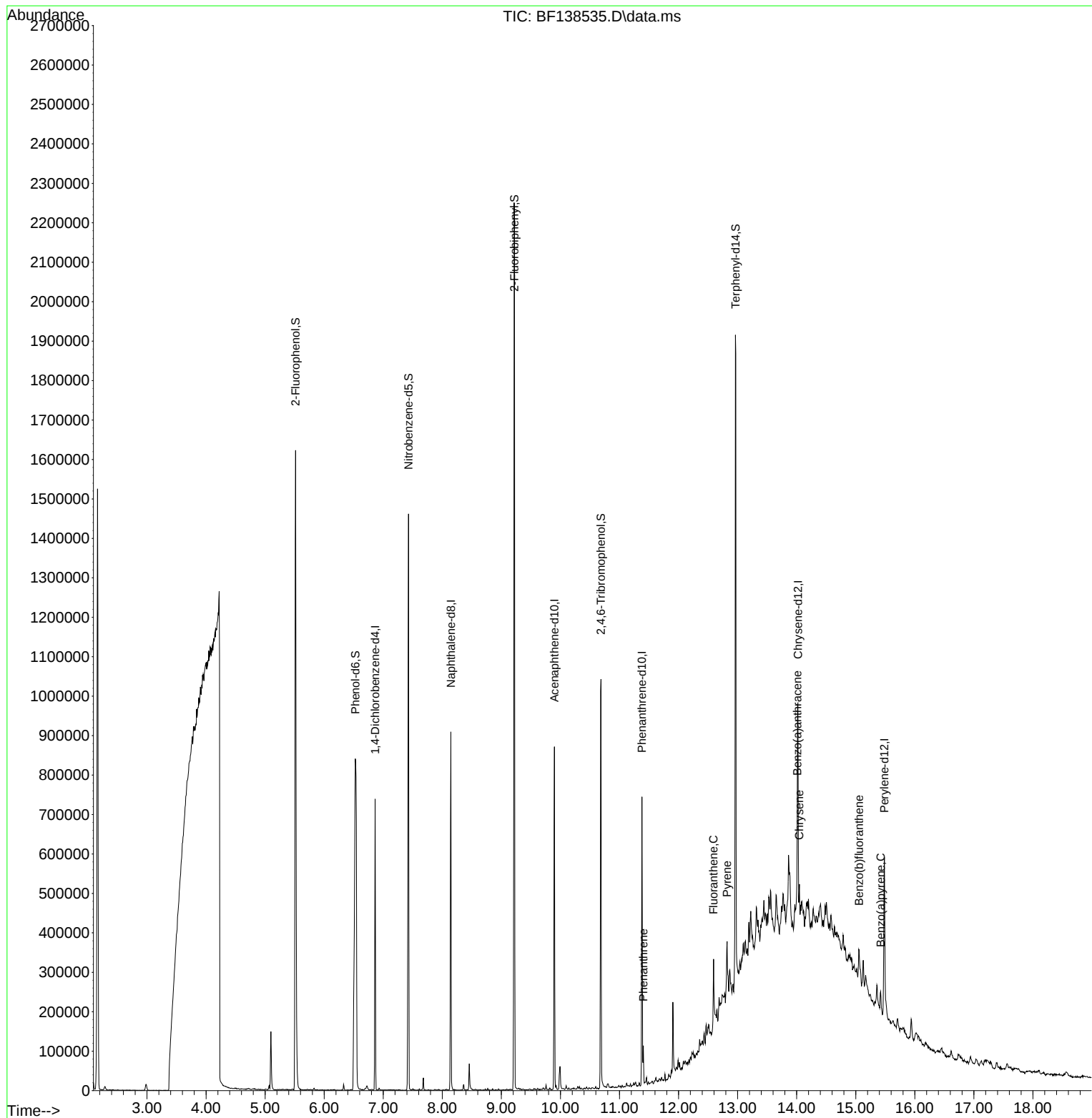
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
Data File : BF138535.D
Acq On : 11 Jul 2024 21:23
Operator : CG\JU
Sample : P3208-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

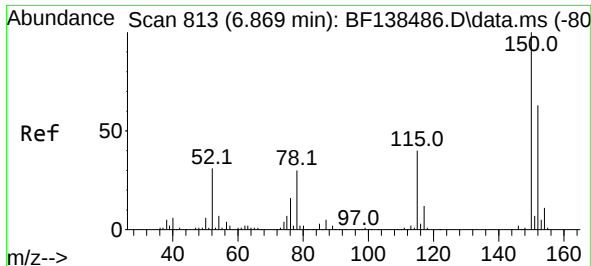
Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Time: Jul 12 01:14:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

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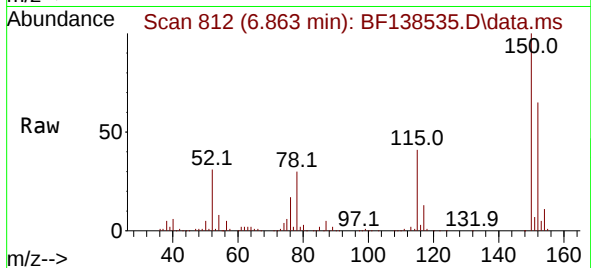
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138535.D
Acq: 11 Jul 2024 21:23

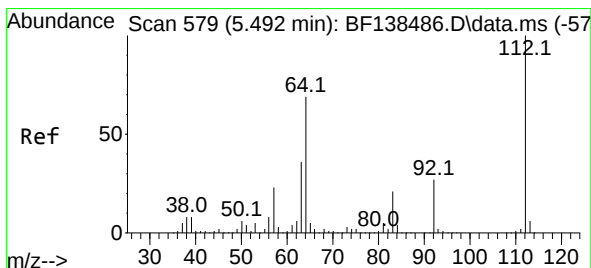
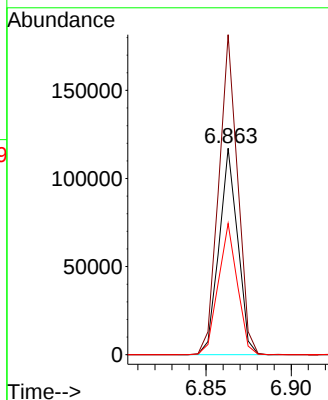
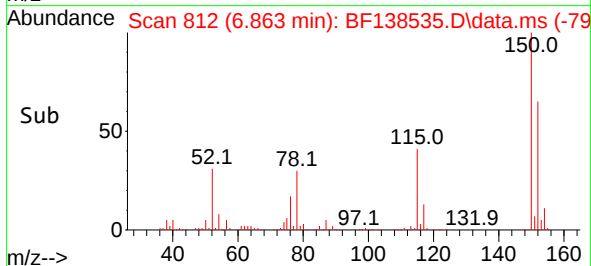
Instrument :
BNA_F
ClientSampleId :
VNJ-207



Tgt Ion:152 Resp: 89569
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.4
115 63.5 50.3 75.5

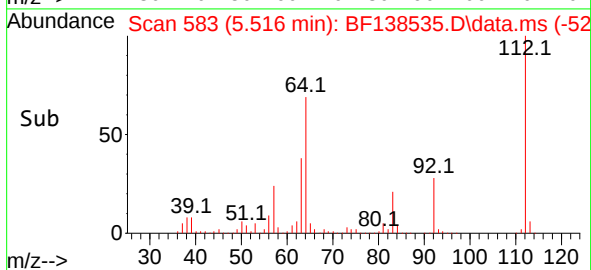
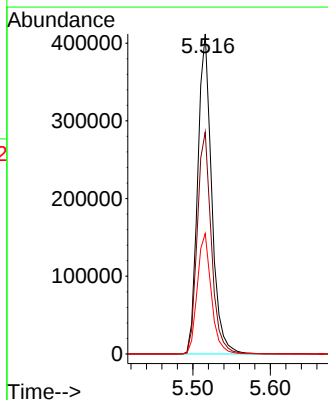
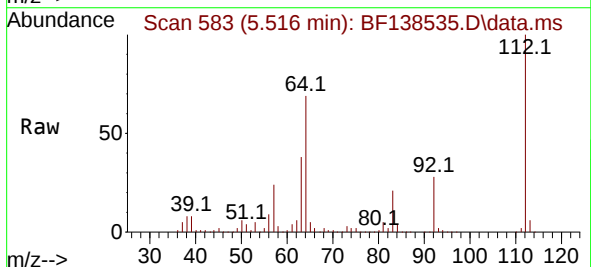
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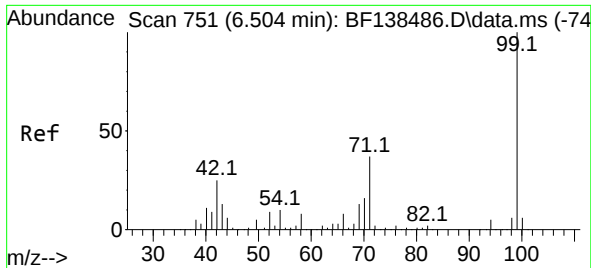
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#5
2-Fluorophenol
Concen: 91.097 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.023 min
Lab File: BF138535.D
Acq: 11 Jul 2024 21:23

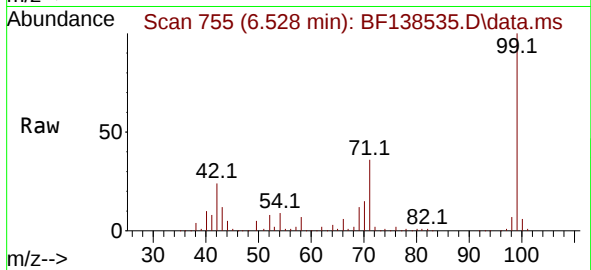
Tgt Ion:112 Resp: 515199
Ion Ratio Lower Upper
112 100
64 69.4 55.1 82.7
63 37.6 29.0 43.6





#7
Phenol-d6
Concen: 89.661 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.023 min
Lab File: BF138535.D
Acq: 11 Jul 2024 21:23

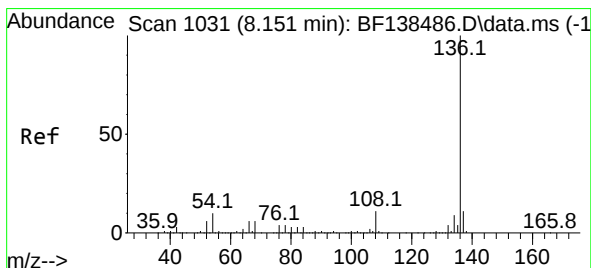
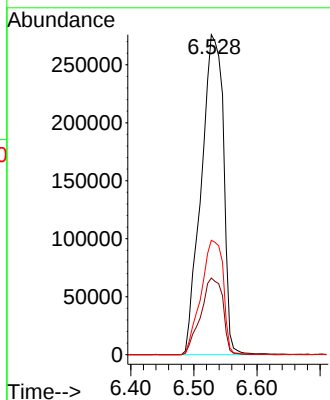
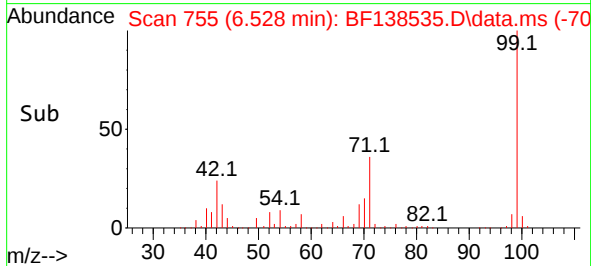
Instrument :
BNA_F
ClientSampleId :
VNJ-207



Tgt Ion: 99 Resp: 674560
Ion Ratio Lower Upper
99 100
42 24.0 19.7 29.5
71 35.7 29.9 44.9

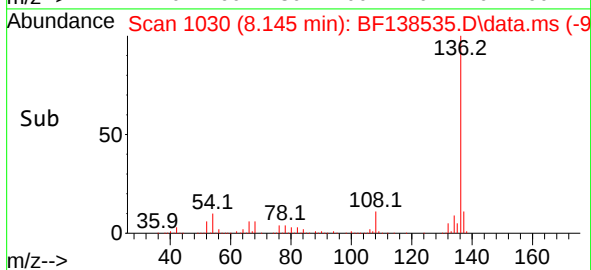
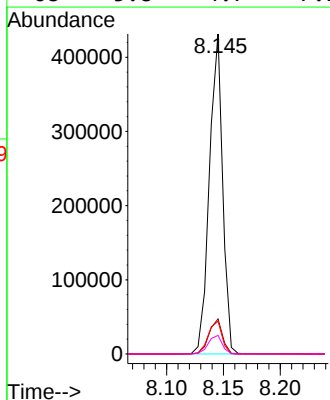
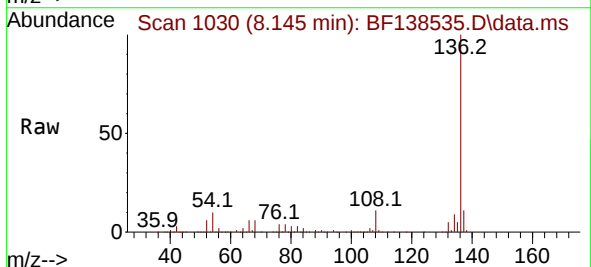
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Supervised By :mohammad ahmed 07/13/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138535.D
Acq: 11 Jul 2024 21:23

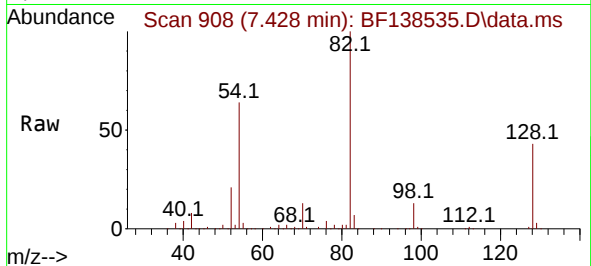
Tgt Ion:136 Resp: 349463
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.2 8.1 12.1
68 5.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 59.681 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138535.D
Acq: 11 Jul 2024 21:23

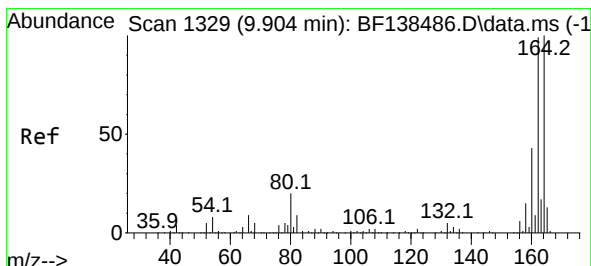
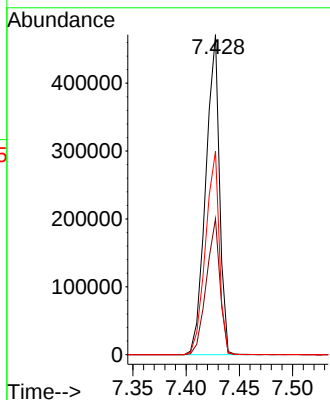
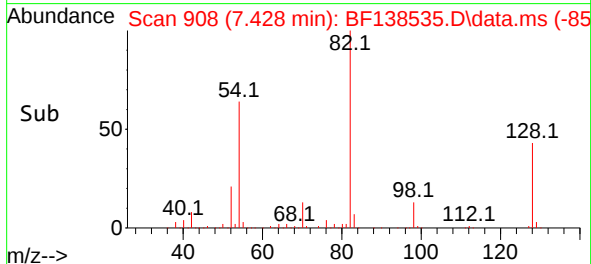
Instrument :
BNA_F
ClientSampleId :
VNJ-207



Tgt Ion: 82 Resp: 424791
Ion Ratio Lower Upper
82 100
128 42.5 32.3 48.5
54 63.5 51.4 77.0

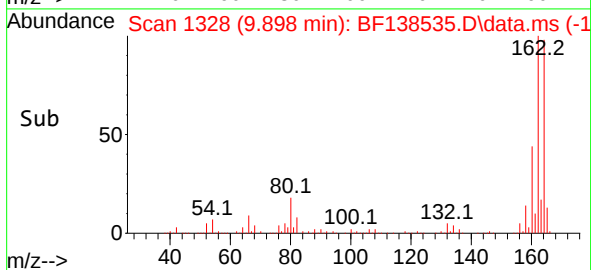
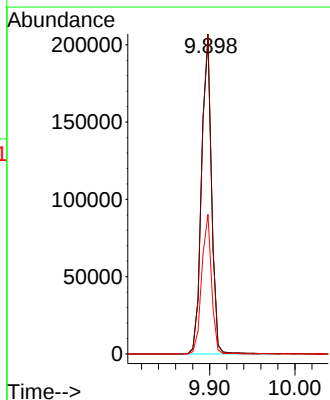
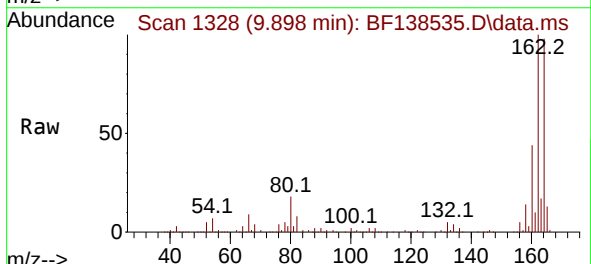
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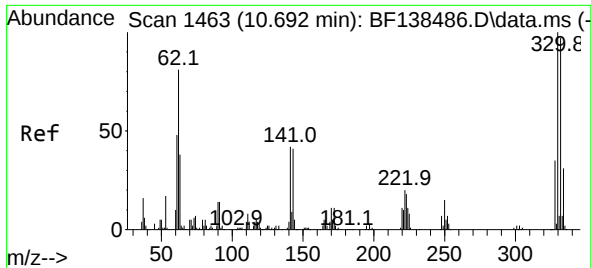
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138535.D
Acq: 11 Jul 2024 21:23

Tgt Ion:164 Resp: 167446
Ion Ratio Lower Upper
164 100
162 101.9 79.0 118.6
160 44.4 34.4 51.6





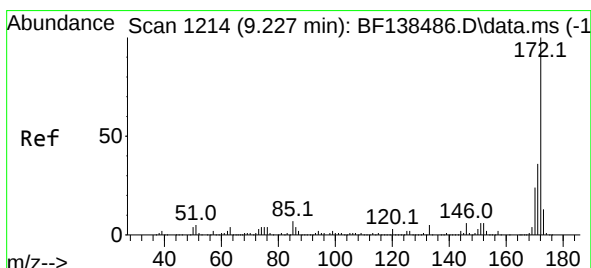
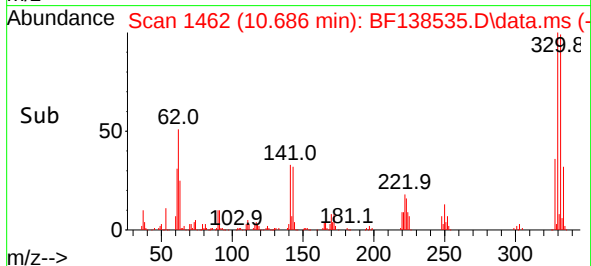
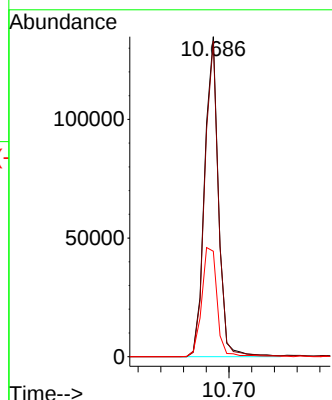
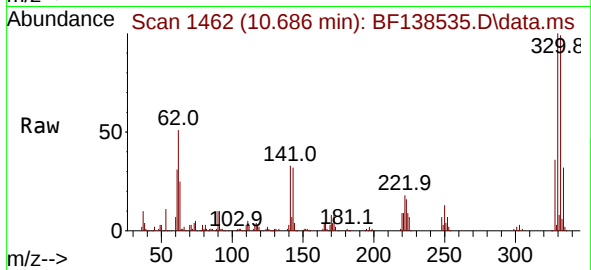
#42
2,4,6-Tribromophenol
Concen: 72.604 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138535.D
Acq: 11 Jul 2024 21:23

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:330 Resp: 11362
Ion Ratio Lower Upper
330 100
332 98.4 76.8 115.2
141 38.3 29.4 44.2

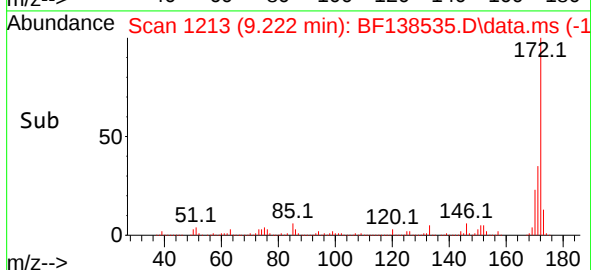
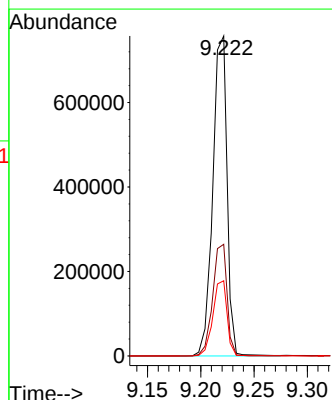
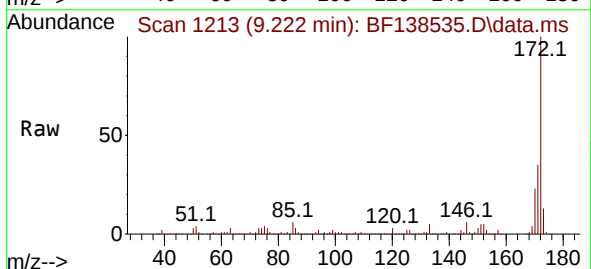
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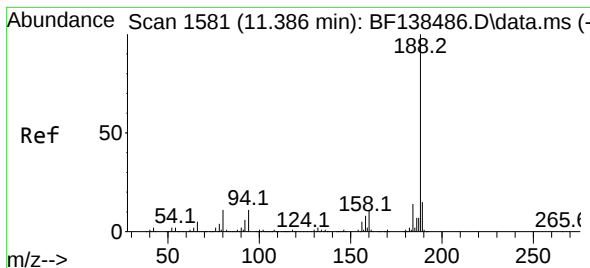
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#45
2-Fluorobiphenyl
Concen: 65.976 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138535.D
Acq: 11 Jul 2024 21:23

Tgt Ion:172 Resp: 706854
Ion Ratio Lower Upper
172 100
171 34.9 28.9 43.3
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF138535.D

Acq: 11 Jul 2024 21:23

Instrument :

BNA_F

ClientSampleId :

VNJ-207

Tgt Ion:188 Resp: 237928

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

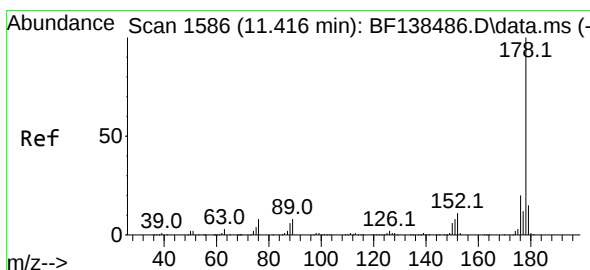
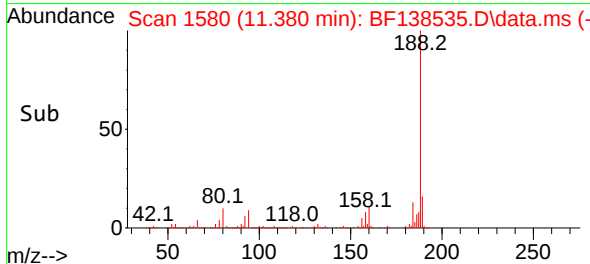
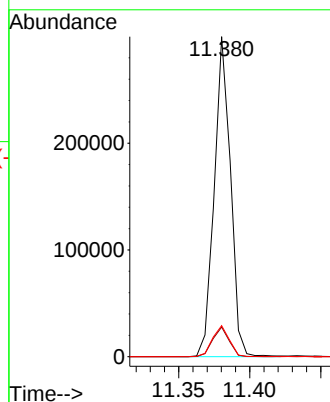
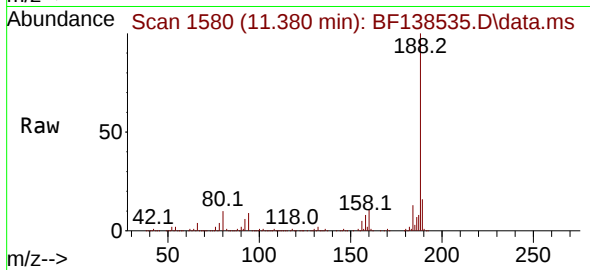
80 9.7 9.0 13.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/13/2024



#71

Phenanthrene

Concen: 2.387 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BF138535.D

Acq: 11 Jul 2024 21:23

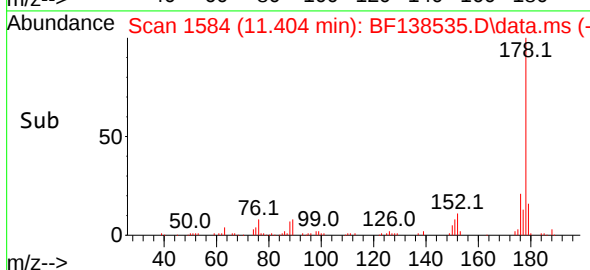
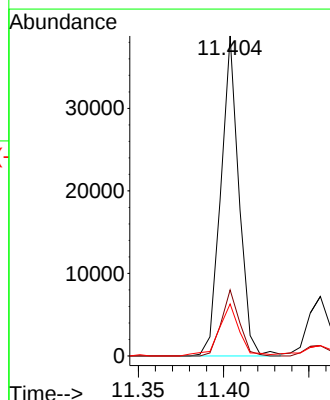
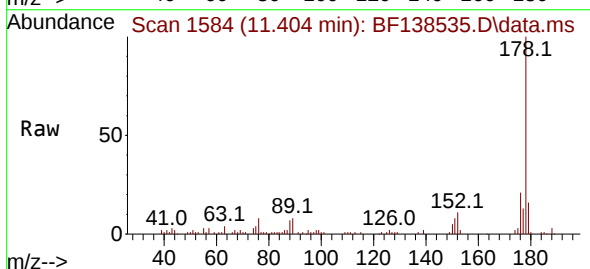
Tgt Ion:178 Resp: 28696

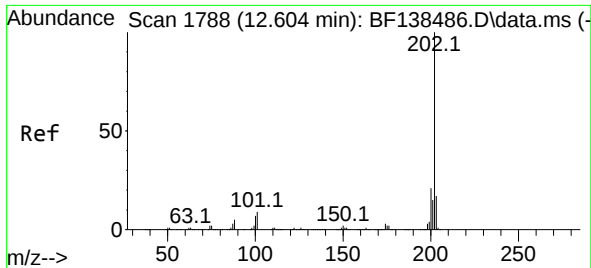
Ion Ratio Lower Upper

178 100

176 20.7 15.7 23.5

179 16.2 12.2 18.2





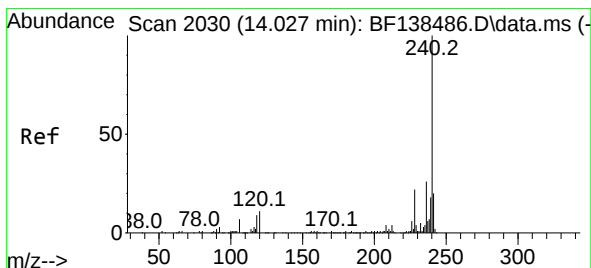
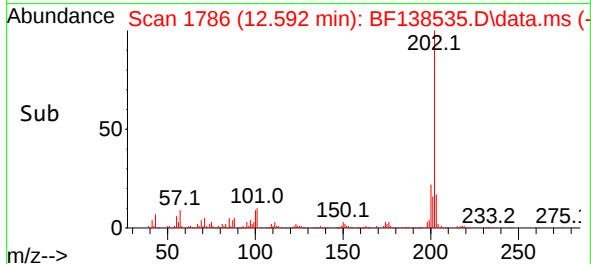
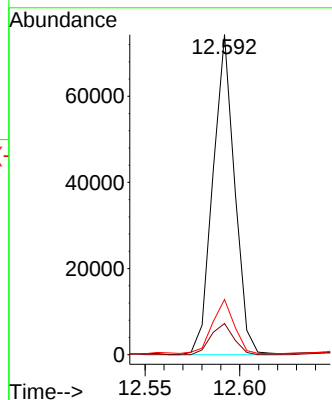
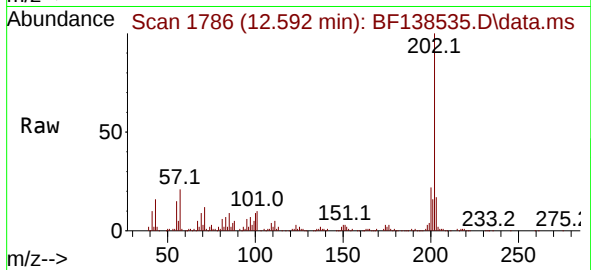
#75
Fluoranthene
Concen: 4.848 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138535.D
Acq: 11 Jul 2024 21:23

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:202 Resp: 59458
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.2
203 17.2 0.0 37.3

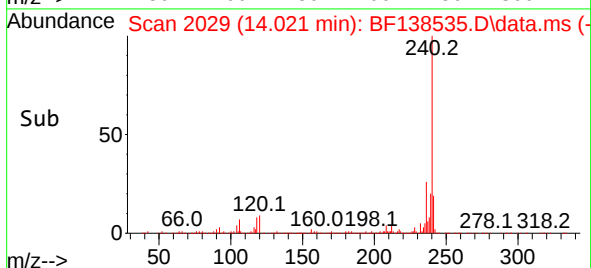
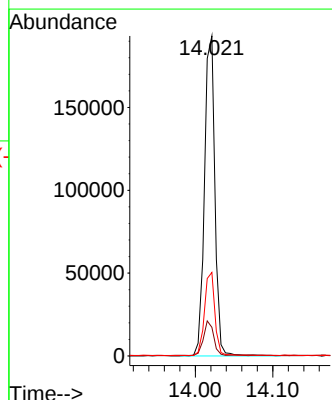
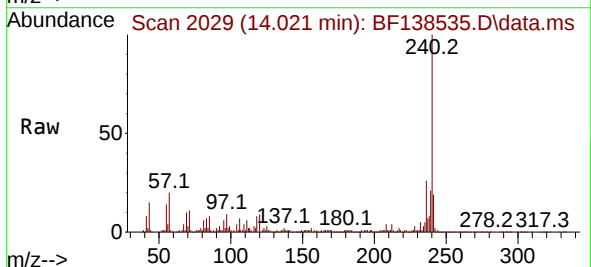
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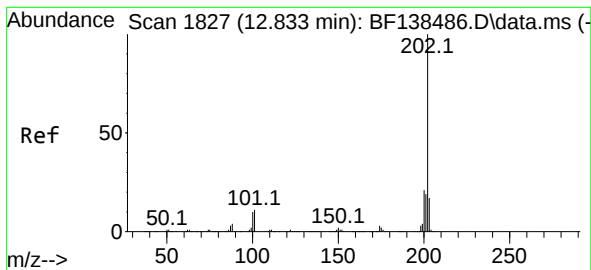
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138535.D
Acq: 11 Jul 2024 21:23

Tgt Ion:240 Resp: 181182
Ion Ratio Lower Upper
240 100
120 9.0 8.6 12.8
236 26.1 21.0 31.6





#78

Pyrene

Concen: 3.210 ng

RT: 12.821 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF138535.D

Acq: 11 Jul 2024 21:23

Instrument :

BNA_F

ClientSampleId :

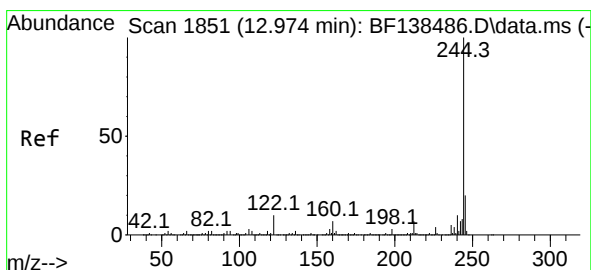
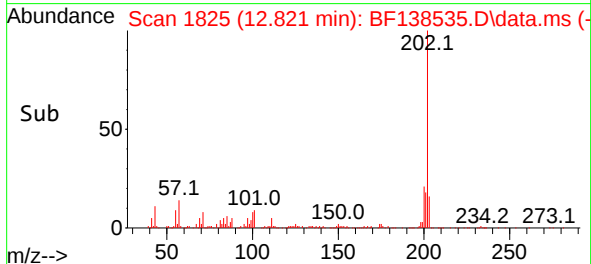
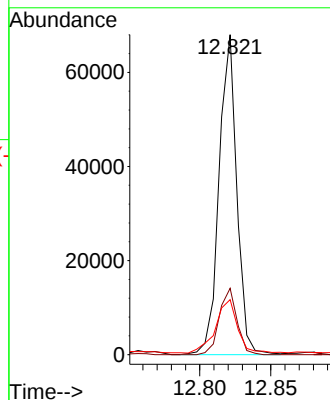
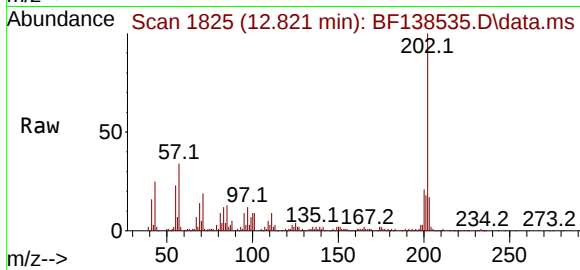
VNJ-207

Tgt Ion:	202	Resp:	5903
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.6
203	17.2	13.7	20.5

Manual Integrations

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#79

Terphenyl-d14

Concen: 49.679 ng

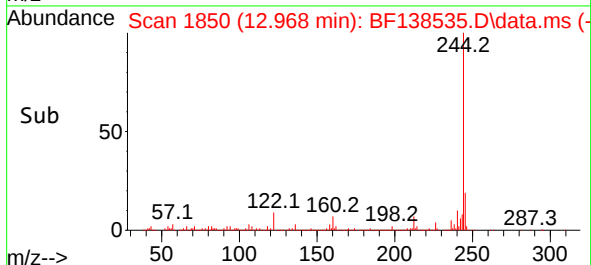
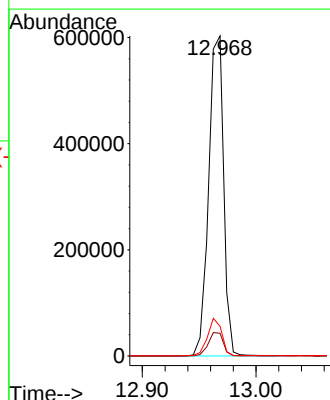
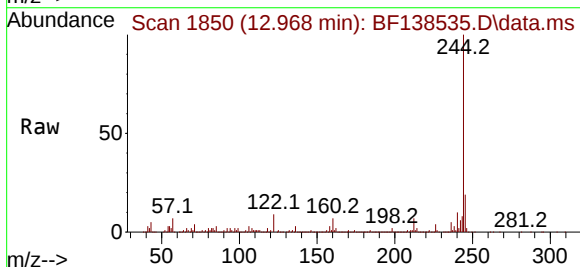
RT: 12.968 min Scan# 1850

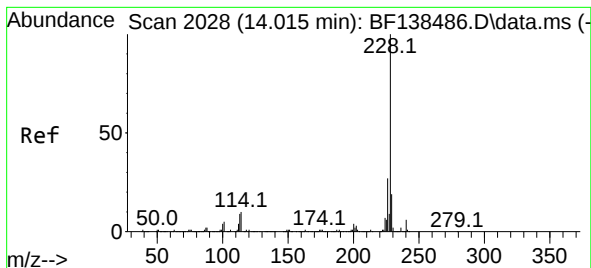
Delta R.T. -0.006 min

Lab File: BF138535.D

Acq: 11 Jul 2024 21:23

Tgt Ion:	244	Resp:	552500
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.5	8.3
122	9.3	7.8	11.8





#81

Benzo(a)anthracene

Concen: 2.490 ng

RT: 14.009 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF138535.D

Acq: 11 Jul 2024 21:23

Instrument :

BNA_F

ClientSampleId :

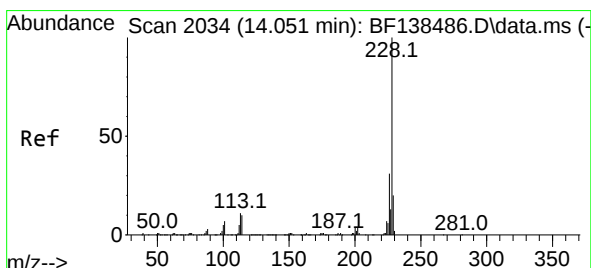
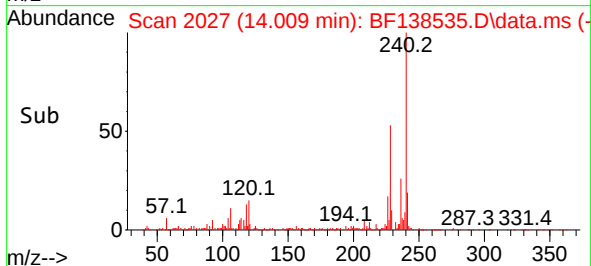
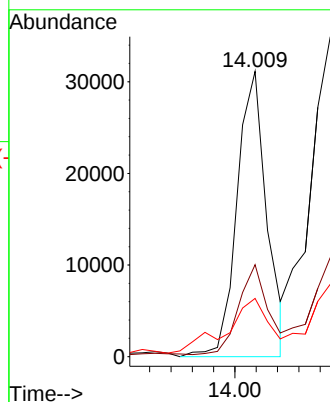
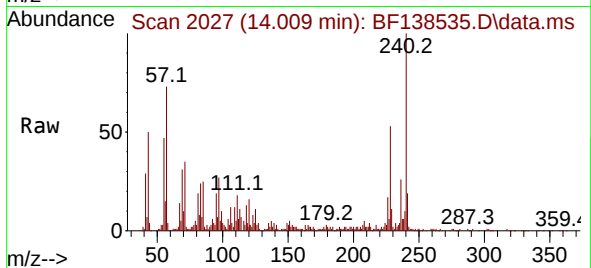
VNJ-207

Tgt Ion:	228	Resp:	3027
Ion Ratio	Lower	Upper	
228	100		
226	32.3	21.9	32.9
229	20.4	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#83

Chrysene

Concen: 3.081 ng

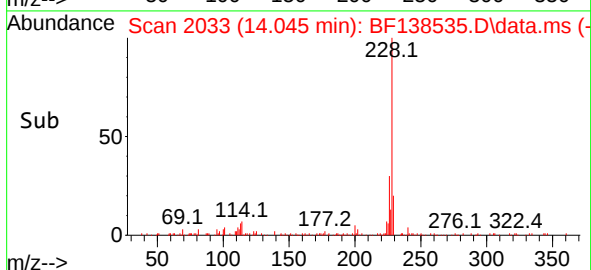
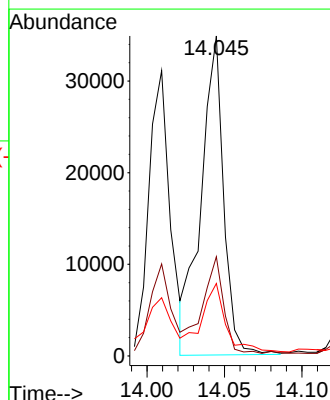
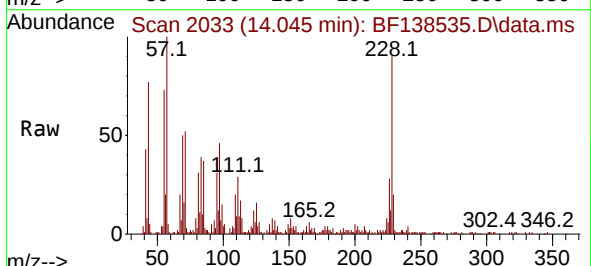
RT: 14.045 min Scan# 2033

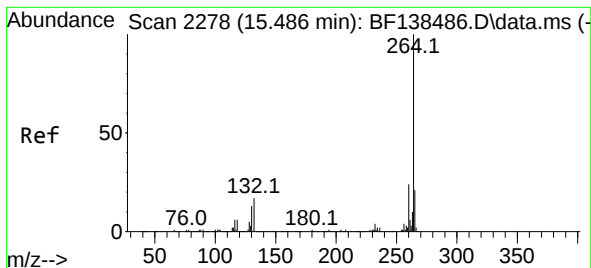
Delta R.T. -0.006 min

Lab File: BF138535.D

Acq: 11 Jul 2024 21:23

Tgt Ion:	228	Resp:	35432
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.4	36.6
229	22.7	16.0	24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138535.D

Acq: 11 Jul 2024 21:23

Instrument :

BNA_F

ClientSampleId :

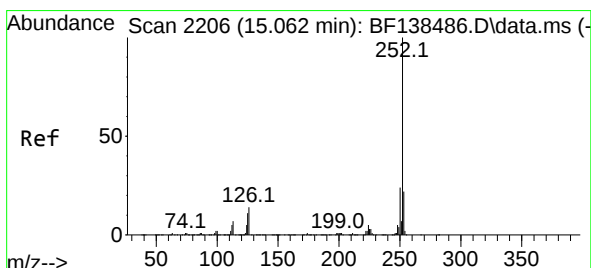
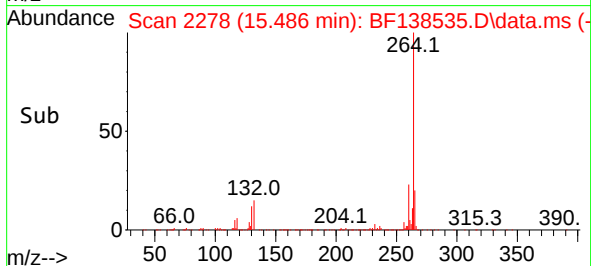
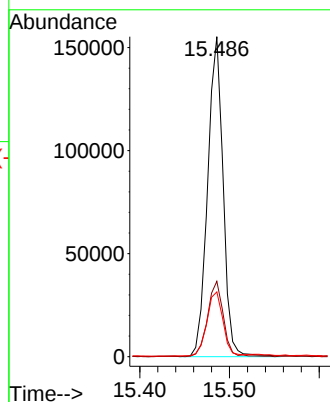
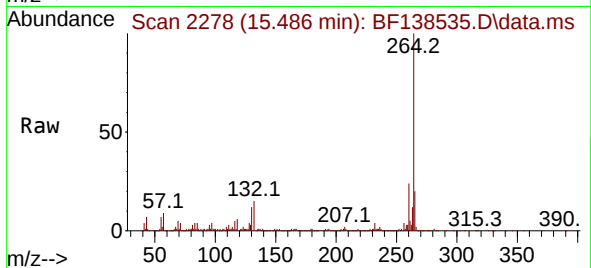
VNJ-207

Tgt Ion:264	Resp:	18613
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.0 28.6
265	20.2	17.0 25.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#88

Benzo(b)fluoranthene

Concen: 4.221 ng m

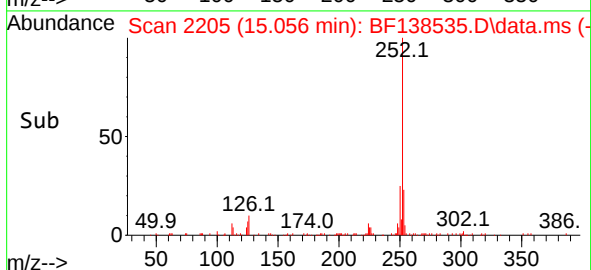
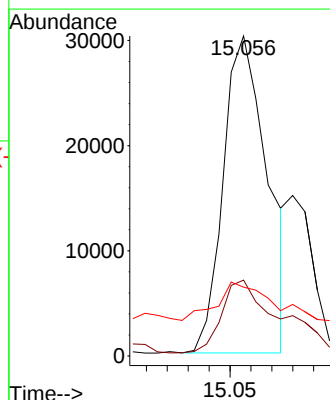
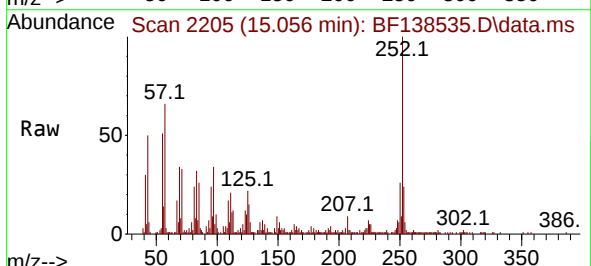
RT: 15.056 min Scan# 2205

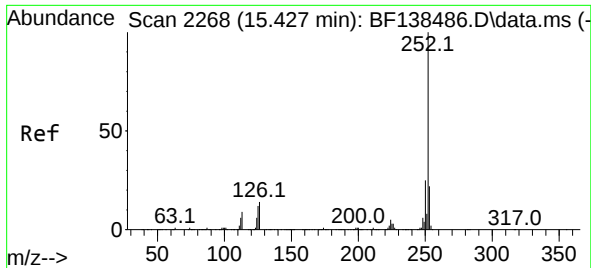
Delta R.T. -0.006 min

Lab File: BF138535.D

Acq: 11 Jul 2024 21:23

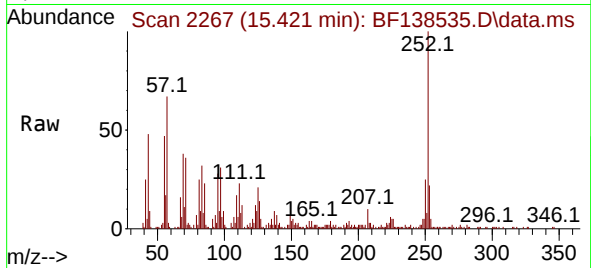
Tgt Ion:252	Resp:	44247
Ion Ratio	Lower	Upper
252	100	
253	23.7	17.3 25.9
125	21.5	8.6 13.0#





#90
Benzo(a)pyrene
Concen: 2.737 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138535.D
Acq: 11 Jul 2024 21:23

Instrument :
BNA_F
ClientSampleId :
VNJ-207



Tgt Ion:252 Resp: 2520
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 21.4 9.4 14.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

