

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138538.D
 Acq On : 11 Jul 2024 22:54
 Operator : CG\JU
 Sample : P3184-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP(00187-00189-00186)

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 01:15:55 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	74534	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	269403	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	122450	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	204408	20.000	ng	0.00
76) Chrysene-d12	14.021	240	157919	20.000	ng	0.00
86) Perylene-d12	15.486	264	116759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	79983	16.995	ng	-0.01
7) Phenol-d6	6.492	99	98931	15.802	ng	-0.01
23) Nitrobenzene-d5	7.422	82	60914	11.101	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	15784	13.792	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	102016	13.021	ng	-0.01
79) Terphenyl-d14	12.963	244	106136	10.949	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.404	178	27785	2.691	ng	98
75) Fluoranthene	12.592	202	60605	5.751	ng	99
78) Pyrene	12.822	202	77922	4.861	ng	96
81) Benzo(a)anthracene	14.010	228	24692	2.330	ng	# 88
83) Chrysene	14.045	228	28849	2.878	ng	# 94
88) Benzo(b)fluoranthene	15.057	252	21179m	3.221	ng	
90) Benzo(a)pyrene	15.421	252	15560	2.694	ng	# 52

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

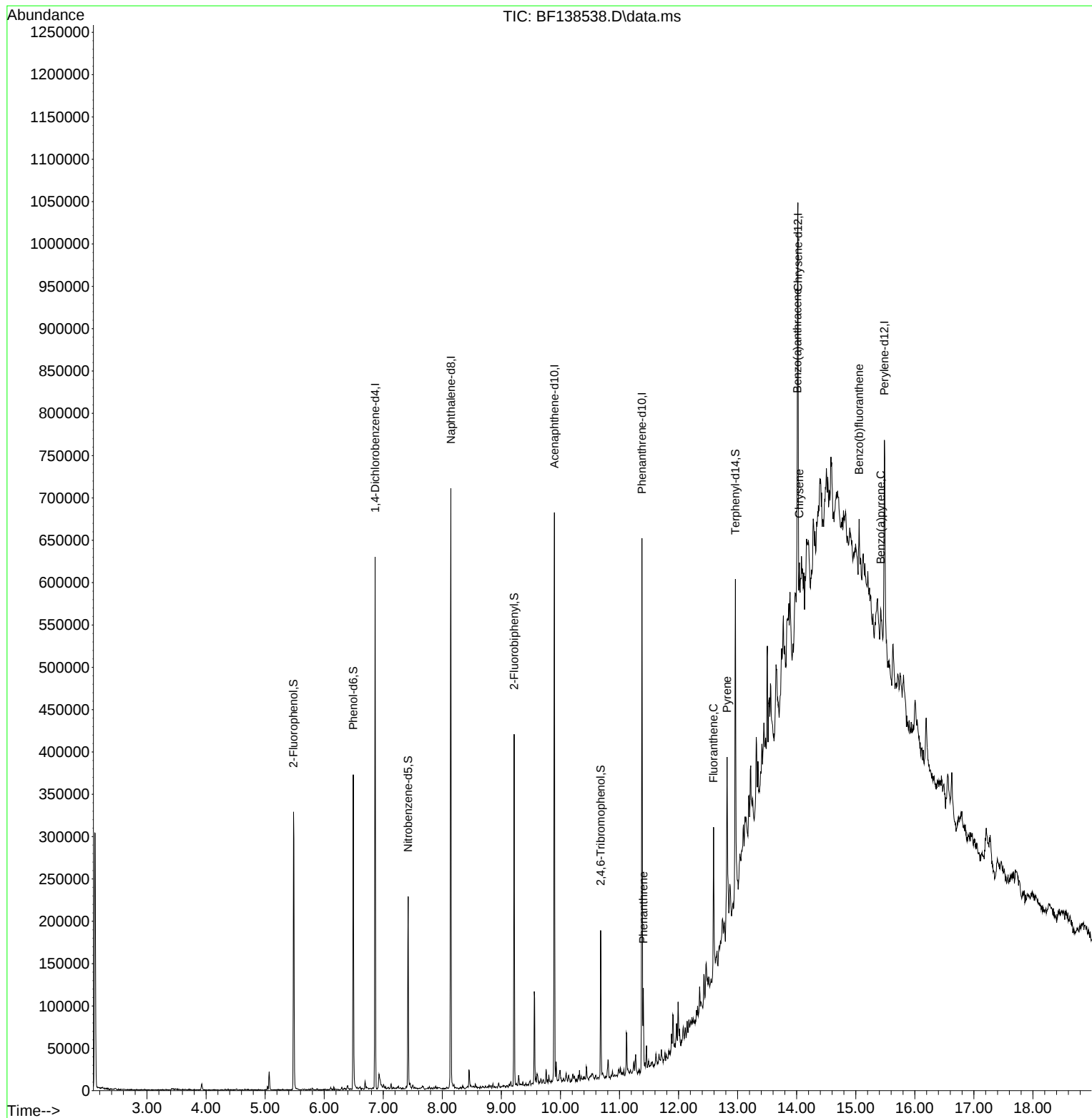
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
Data File : BF138538.D
Acq On : 11 Jul 2024 22:54
Operator : CG\JU
Sample : P3184-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

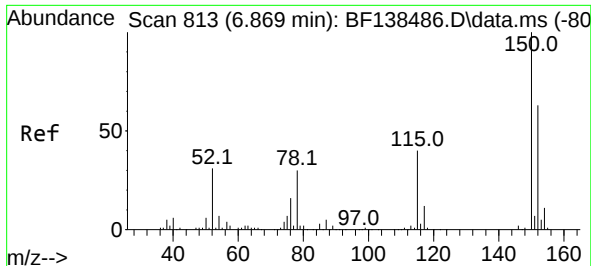
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)

Quant Time: Jul 12 01:15:55 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

Manual Integrations
APPROVED

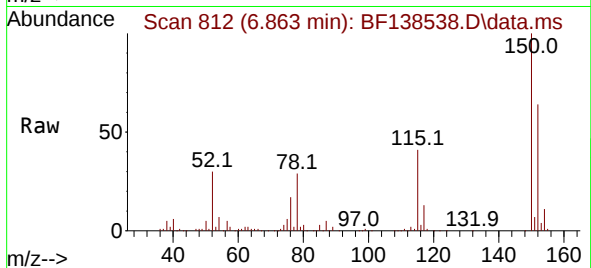
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

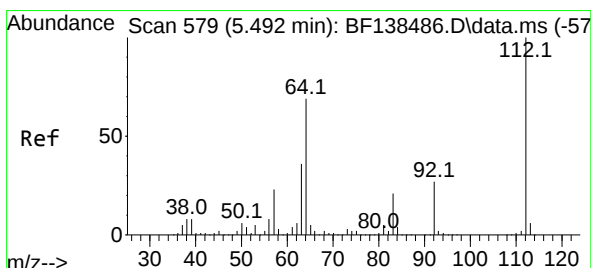
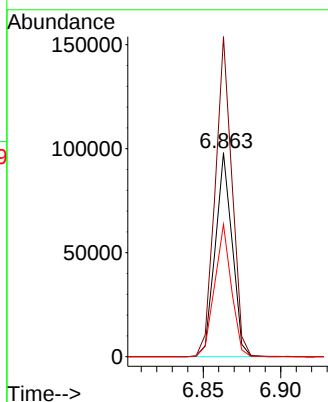
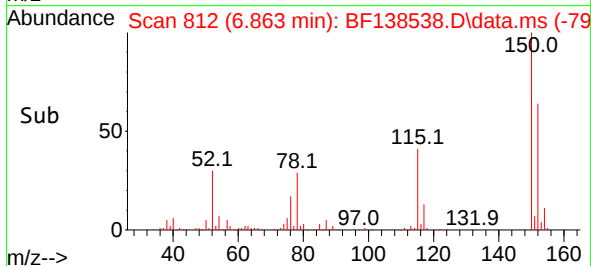
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)



Tgt Ion:152 Resp: 74534
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.4
115 64.8 50.3 75.5

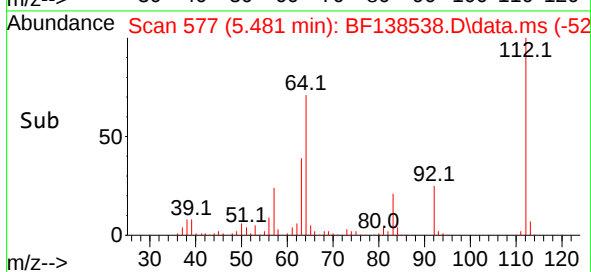
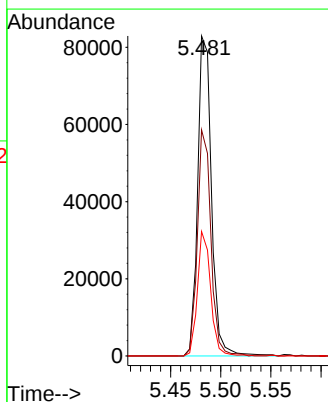
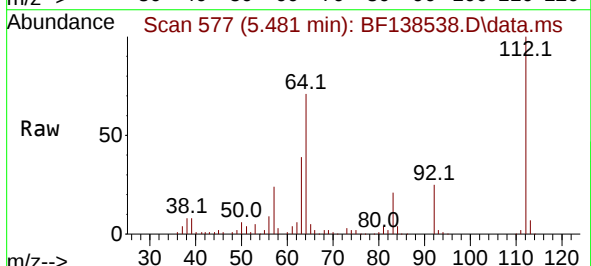
Manual Integrations
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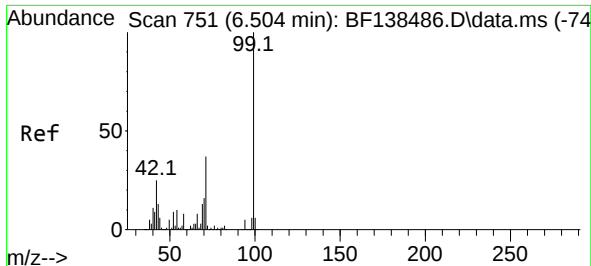
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#5
2-Fluorophenol
Concen: 16.995 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

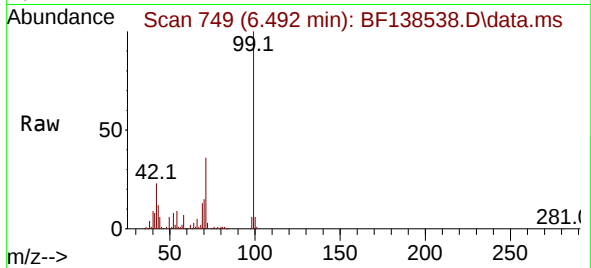
Tgt Ion:112 Resp: 79983
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 38.9 29.0 43.6





#7
Phenol-d6
Concen: 15.802 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

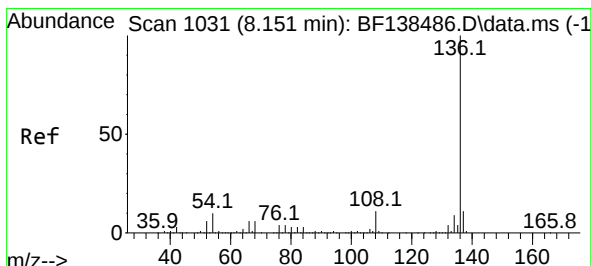
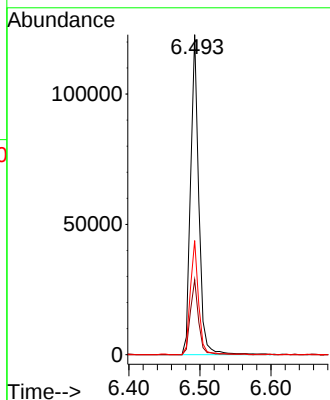
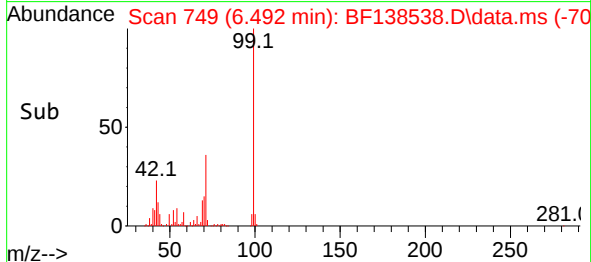
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)



Tgt Ion: 99 Resp: 9893
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 35.7 29.9 44.9

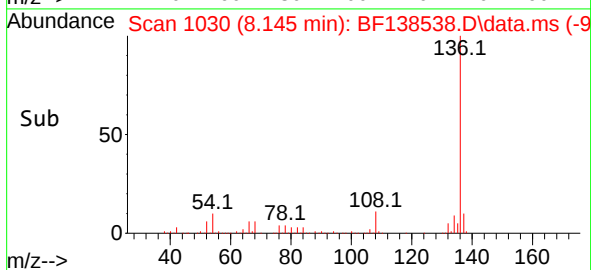
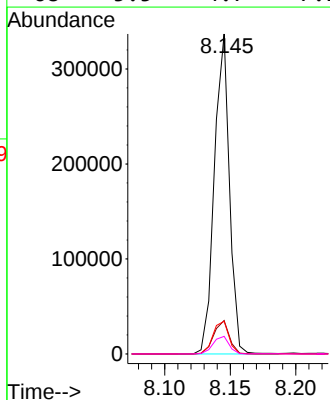
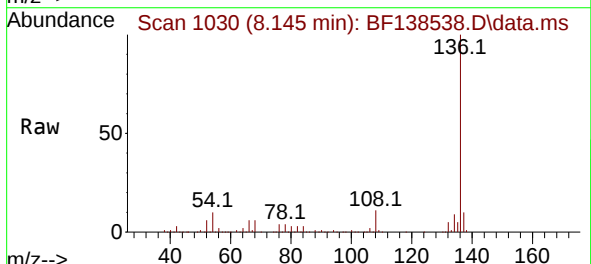
Manual Integrations
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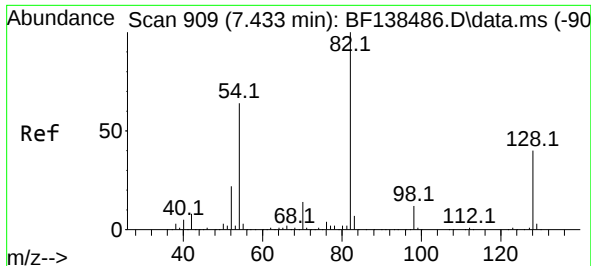
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

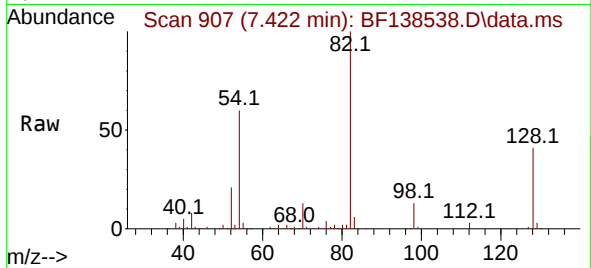
Tgt Ion:136 Resp: 269403
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 10.2 8.1 12.1
68 5.5 4.7 7.1





#23
Nitrobenzene-d5
Concen: 11.101 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

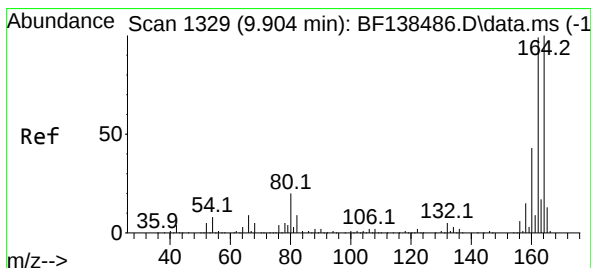
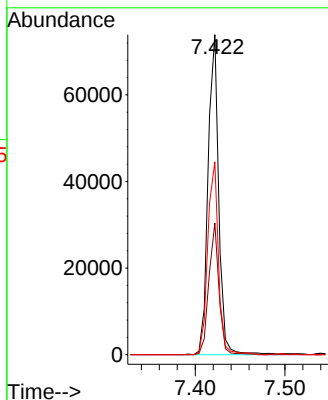
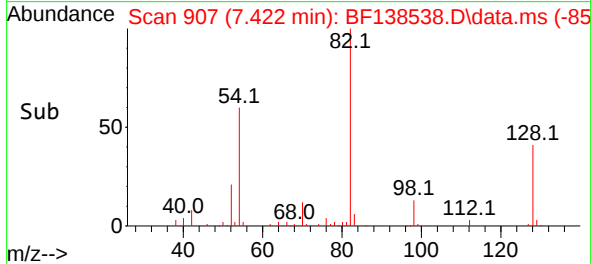
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)



Tgt Ion: 82 Resp: 60914
Ion Ratio Lower Upper
82 100
128 41.1 32.3 48.5
54 60.3 51.4 77.0

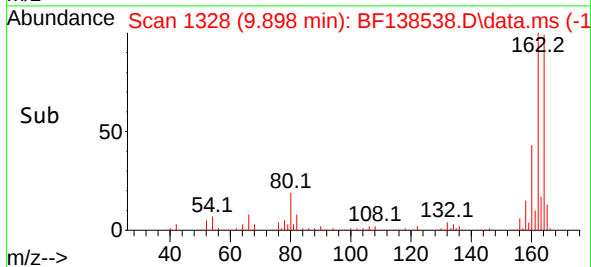
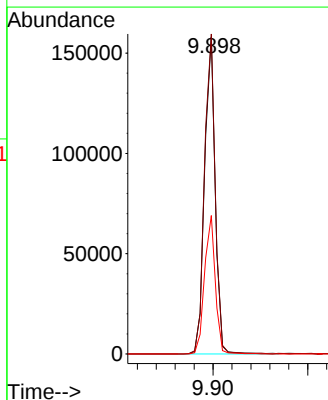
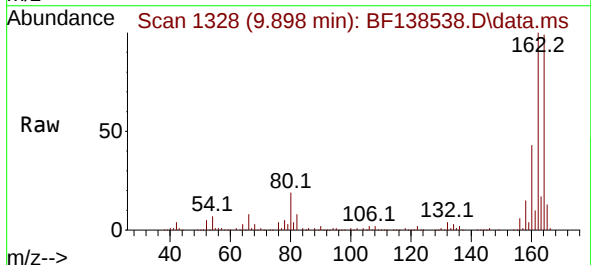
Manual Integrations
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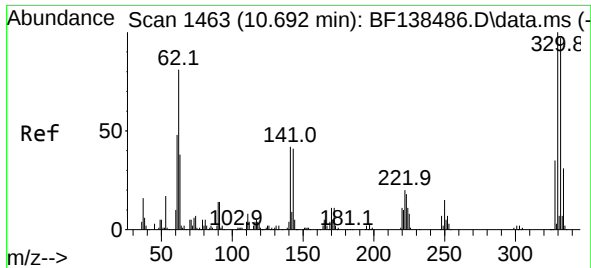
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

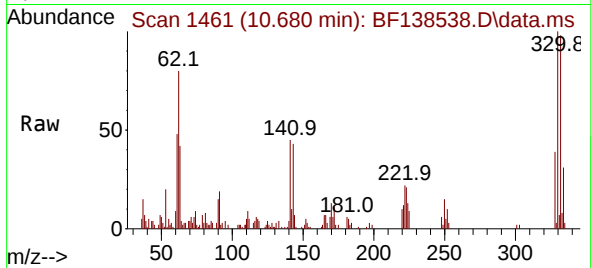
Tgt Ion:164 Resp: 122450
Ion Ratio Lower Upper
164 100
162 101.0 79.0 118.6
160 43.7 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 13.792 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

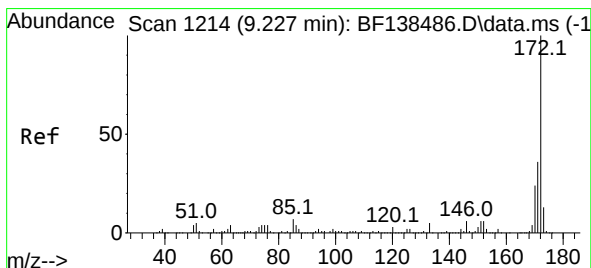
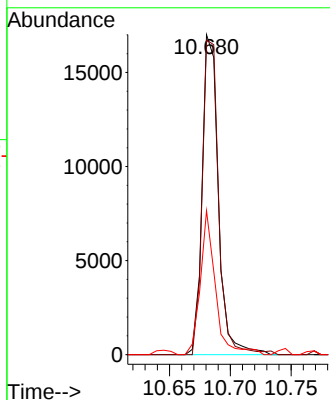
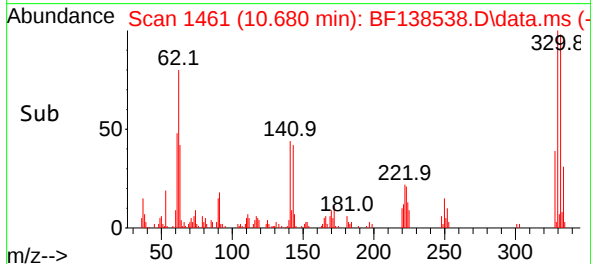
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)



Tgt Ion:330 Resp: 15784
Ion Ratio Lower Upper
330 100
332 99.0 76.8 115.2
141 41.9 29.4 44.2

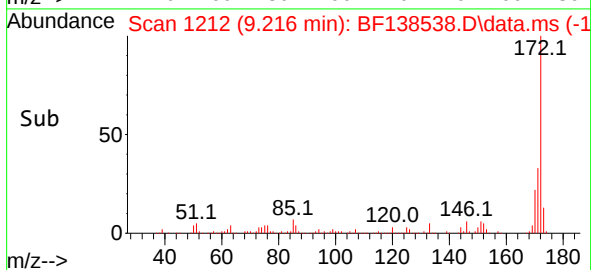
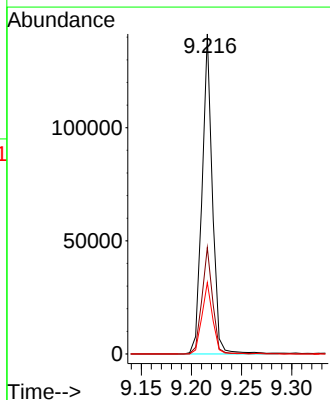
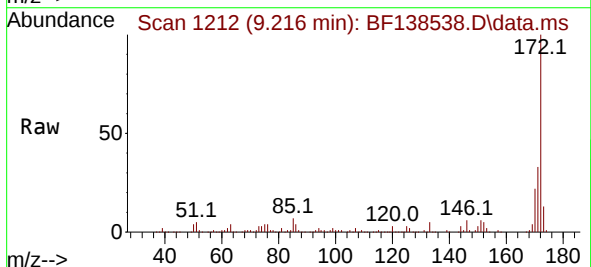
Manual Integrations
APPROVED

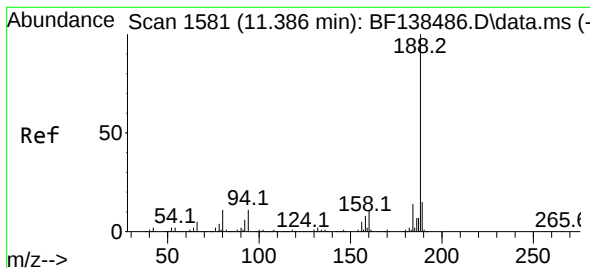
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#45
2-Fluorobiphenyl
Concen: 13.021 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

Tgt Ion:172 Resp: 102016
Ion Ratio Lower Upper
172 100
171 33.3 28.9 43.3
170 22.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138538.D

Acq: 11 Jul 2024 22:54

Instrument :

BNA_F

ClientSampleId :

COMP(00187-00189-00186)

Tgt Ion:188 Resp: 204408

Ion Ratio Lower Upper

188 100

94 8.9 8.7 13.1

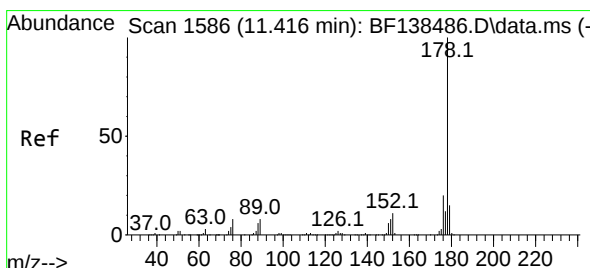
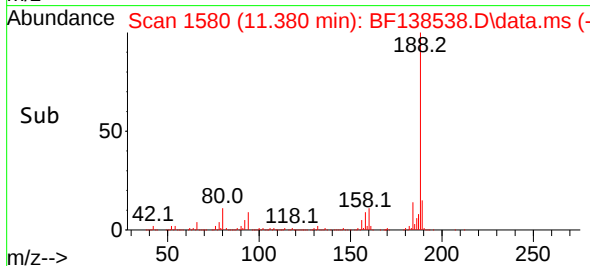
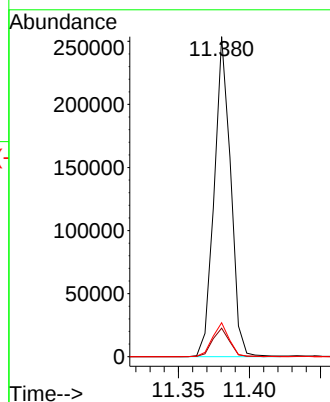
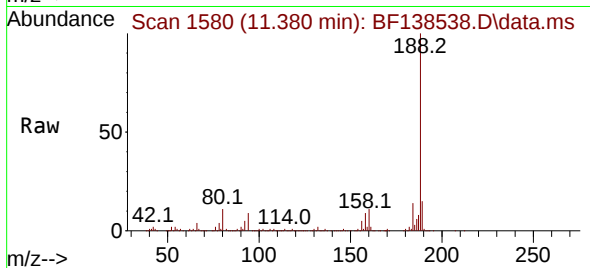
80 10.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/13/2024



#71

Phenanthrene

Concen: 2.691 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BF138538.D

Acq: 11 Jul 2024 22:54

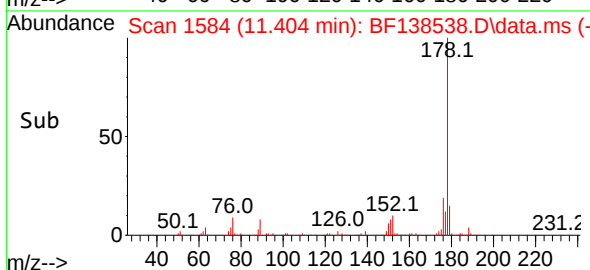
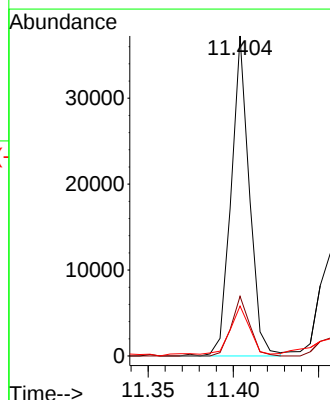
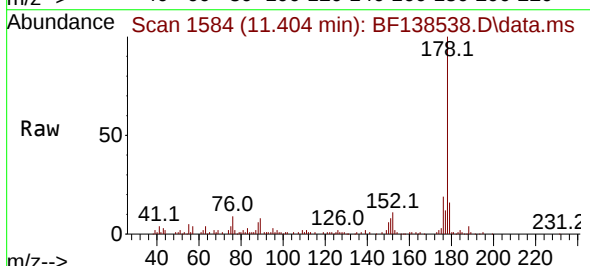
Tgt Ion:178 Resp: 27785

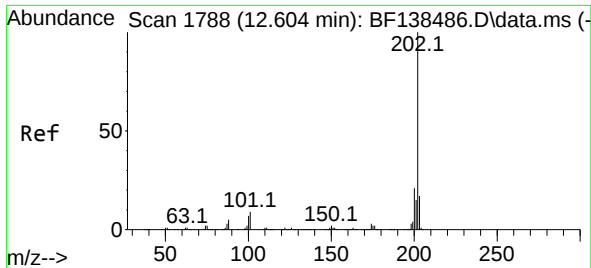
Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

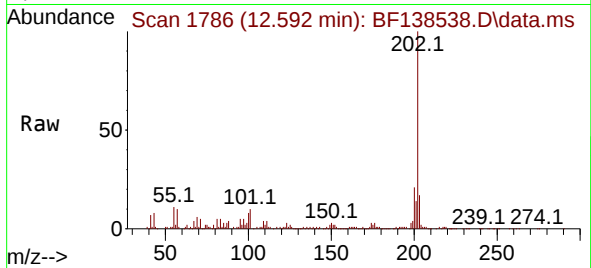
179 15.6 12.2 18.2





#75
Fluoranthene
Concen: 5.751 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

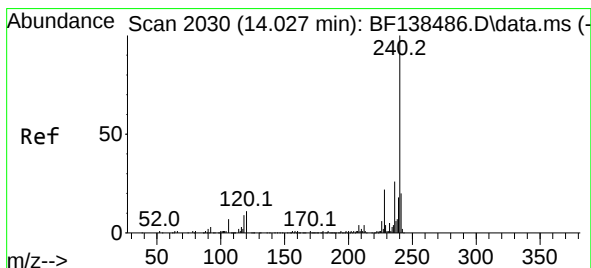
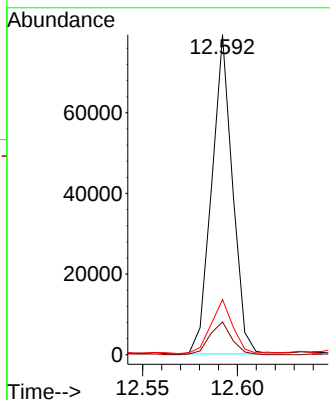
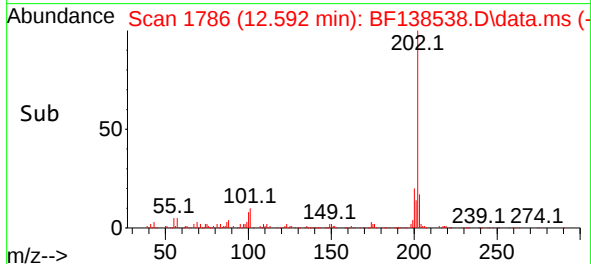
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)



Tgt Ion:202 Resp: 6060
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.2
203 17.3 0.0 37.3

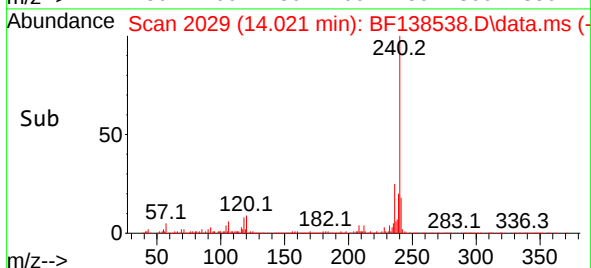
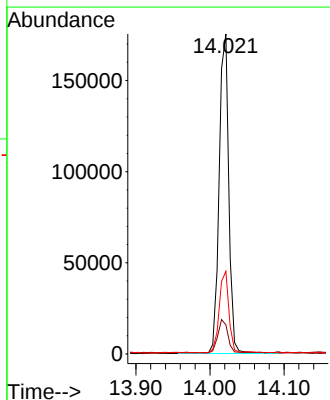
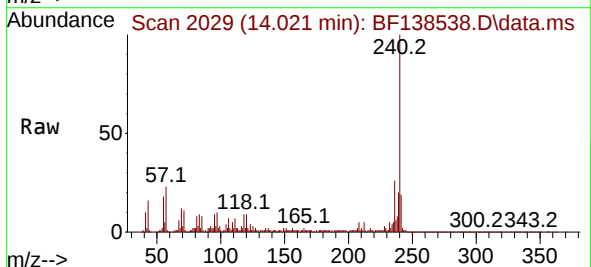
Manual Integrations
APPROVED

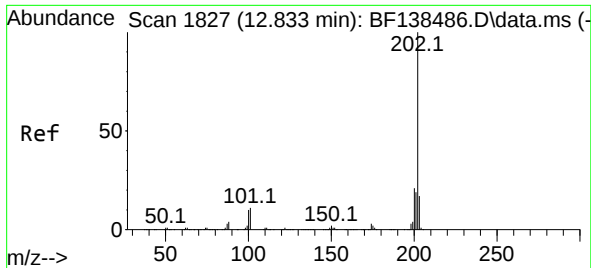
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

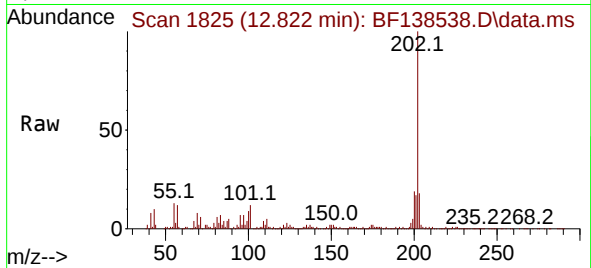
Tgt Ion:240 Resp: 157919
Ion Ratio Lower Upper
240 100
120 9.1 8.6 12.8
236 25.8 21.0 31.6





#78
Pyrene
Concen: 4.861 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

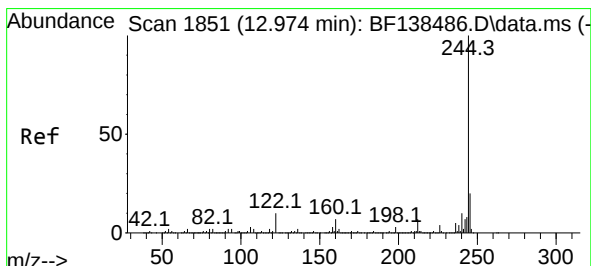
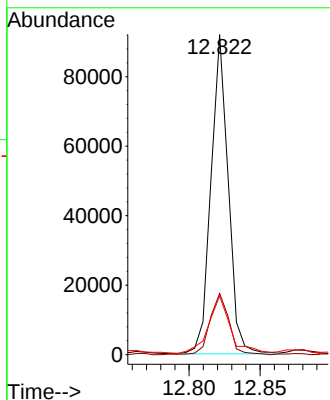
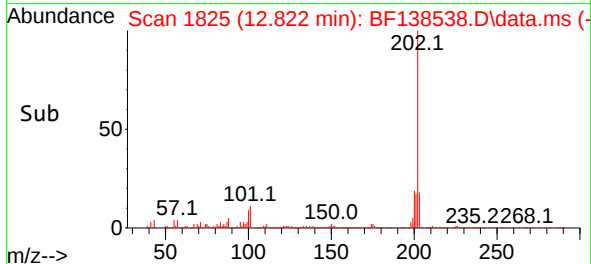
Instrument : BNA_F
ClientSampleId : COMP(00187-00189-00186)



Tgt Ion:202 Resp: 7792
Ion Ratio Lower Upper
202 100
200 19.1 17.0 25.6
203 18.4 13.7 20.5

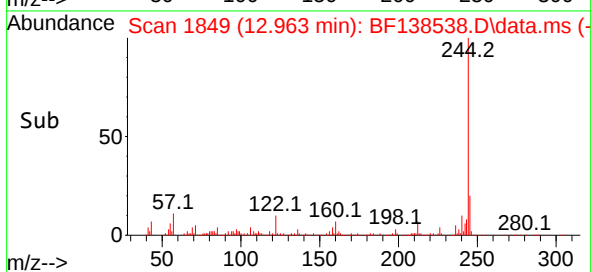
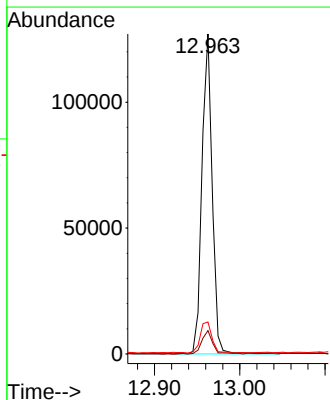
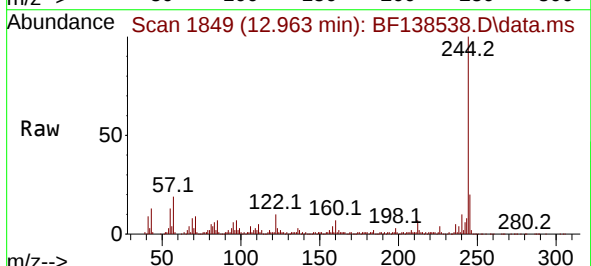
Manual Integrations
APPROVED

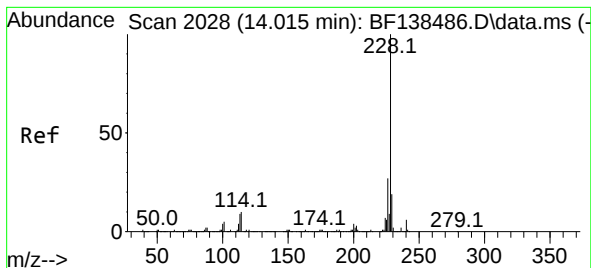
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#79
Terphenyl-d14
Concen: 10.949 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

Tgt Ion:244 Resp: 106136
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 10.0 7.8 11.8





#81

Benzo(a)anthracene

Concen: 2.330 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138538.D

Acq: 11 Jul 2024 22:54

Instrument :

BNA_F

ClientSampleId :

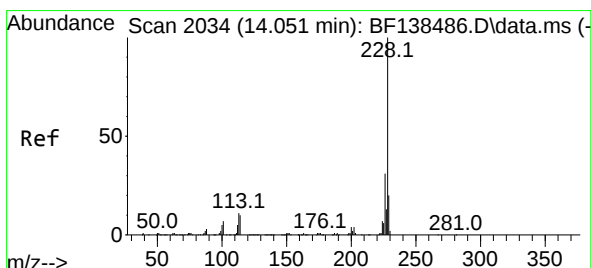
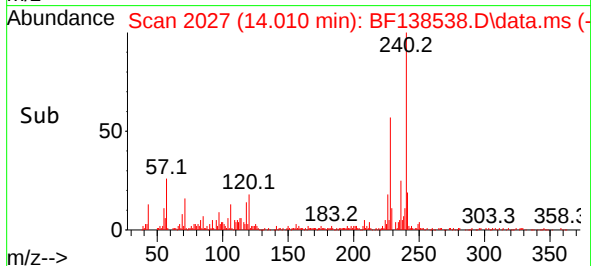
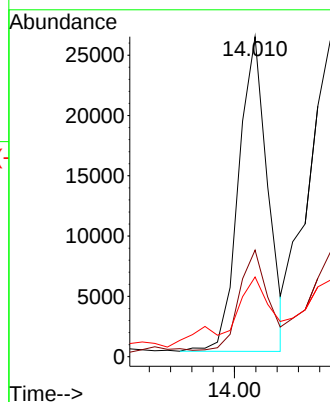
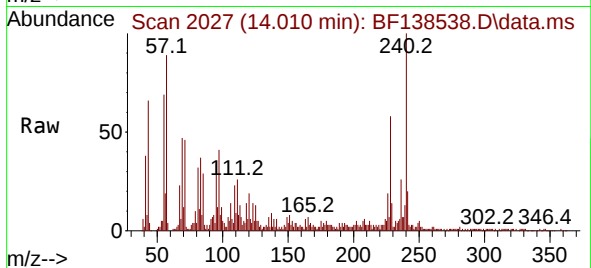
COMP(00187-00189-00186)

Tgt Ion:	228	Resp:	2469
Ion Ratio	Lower	Upper	
228	100		
226	33.3	21.9	32.9
229	24.9	15.5	23.3

Manual Integrations

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#83

Chrysene

Concen: 2.878 ng

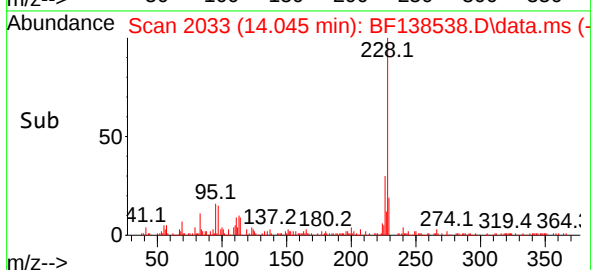
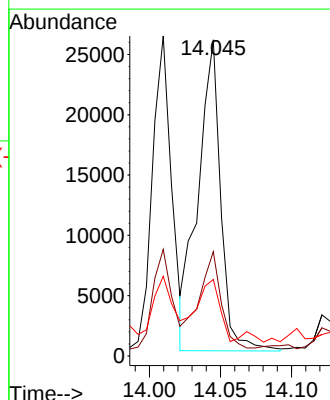
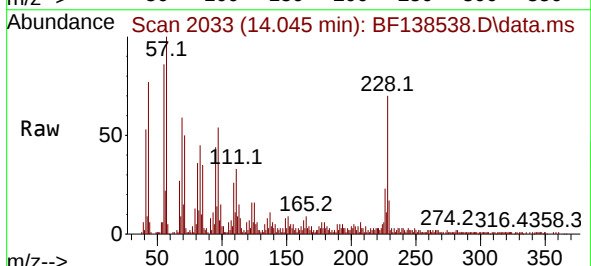
RT: 14.045 min Scan# 2033

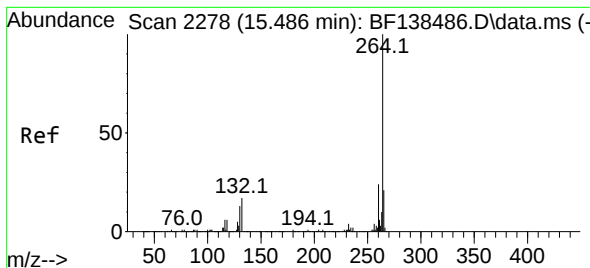
Delta R.T. -0.006 min

Lab File: BF138538.D

Acq: 11 Jul 2024 22:54

Tgt Ion:	228	Resp:	28849
Ion Ratio	Lower	Upper	
228	100		
226	33.0	24.4	36.6
229	24.2	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: BF138538.D

Acq: 11 Jul 2024 22:54

Instrument :

BNA_F

ClientSampleId :

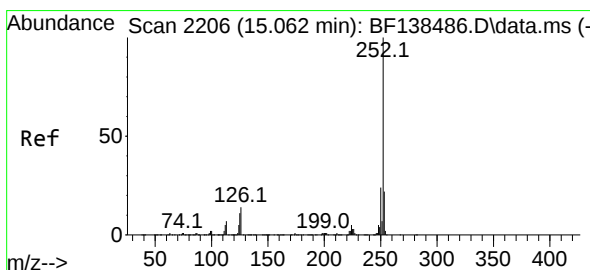
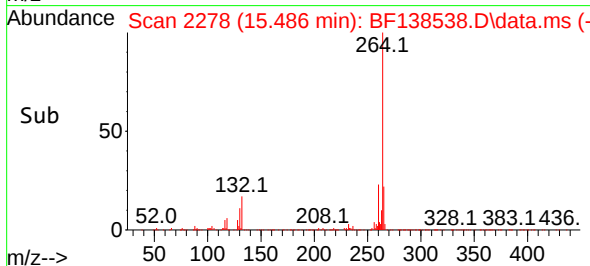
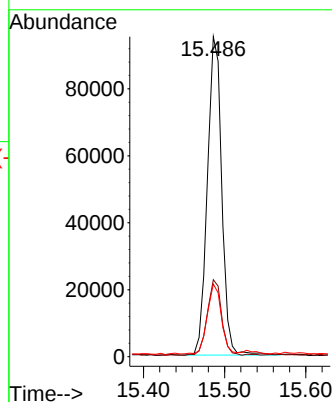
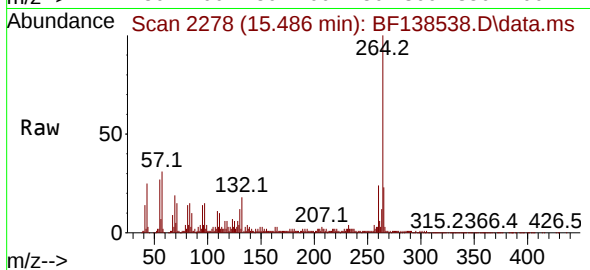
COMP(00187-00189-00186)

Tgt Ion:	264	Resp:	11675
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.0	28.6
265	22.7	17.0	25.4

Manual Integrations

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#88

Benzo(b)fluoranthene

Concen: 3.221 ng m

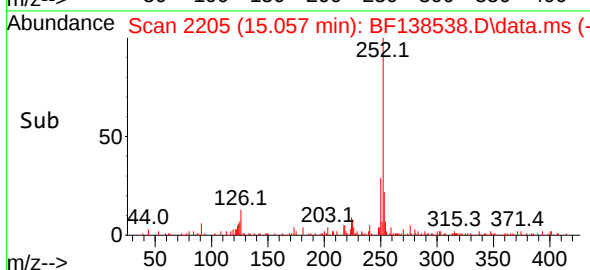
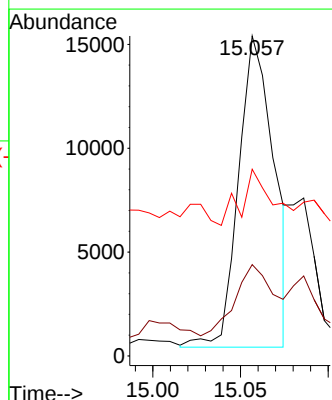
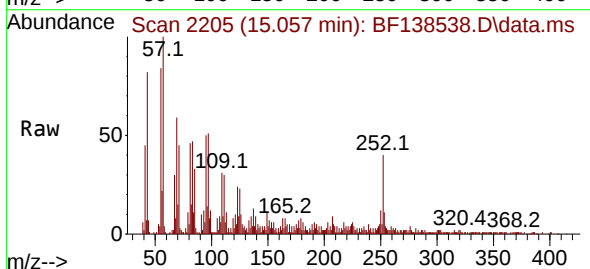
RT: 15.057 min Scan# 2205

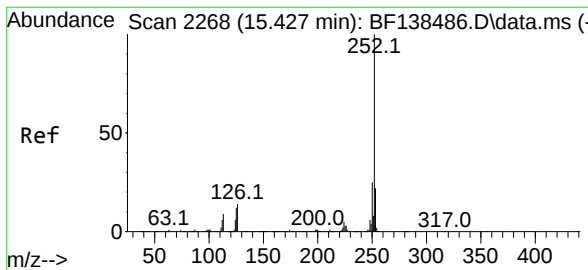
Delta R.T. -0.006 min

Lab File: BF138538.D

Acq: 11 Jul 2024 22:54

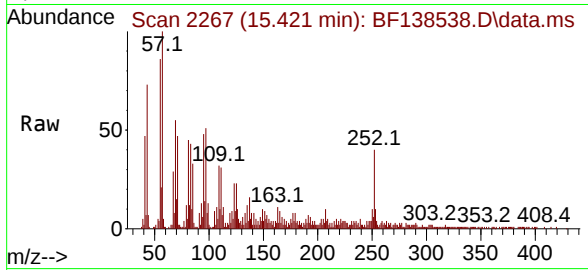
Tgt Ion:	252	Resp:	21179
Ion Ratio	Lower	Upper	
252	100		
253	28.5	17.3	25.9#
125	58.4	8.6	13.0#





#90
Benzo(a)pyrene
Concen: 2.694 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138538.D
Acq: 11 Jul 2024 22:54

Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)



Tgt Ion:252 Resp: 15560
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.0
125 58.0 9.4 14.2

Manual Integrations
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