

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136982.D
 Acq On : 05 Jan 2024 18:29
 Operator : CG\JU
 Sample : 06015-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024

Quant Time: Jan 05 22:51:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	63101	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	206995	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	94522	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	175852	20.000	ng	0.00
76) Chrysene-d12	13.968	240	166056	20.000	ng	0.00
86) Perylene-d12	15.457	264	144439	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	211236	52.232	ng	0.00
7) Phenol-d6	6.434	99	248458	47.413	ng	0.00
23) Nitrobenzene-d5	7.345	82	149454	36.946	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	60772	54.592	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	298341	42.452	ng	-0.02
79) Terphenyl-d14	12.904	244	329967	27.769	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	65909	7.304	ng	98
75) Fluoranthene	12.533	202	107784	11.167	ng	98
78) Pyrene	12.763	202	104497	6.410	ng	99
81) Benzo(a)anthracene	13.957	228	55089	4.778	ng	93
83) Chrysene	13.992	228	51456	4.563	ng	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	21914	2.101	ng	99
88) Benzo(b)fluoranthene	15.021	252	62110m	6.438	ng	
90) Benzo(a)pyrene	15.392	252	39146	4.807	ng	# 95
92) Benzo(g,h,i)perylene	17.433	276	21726	2.479	ng	96

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

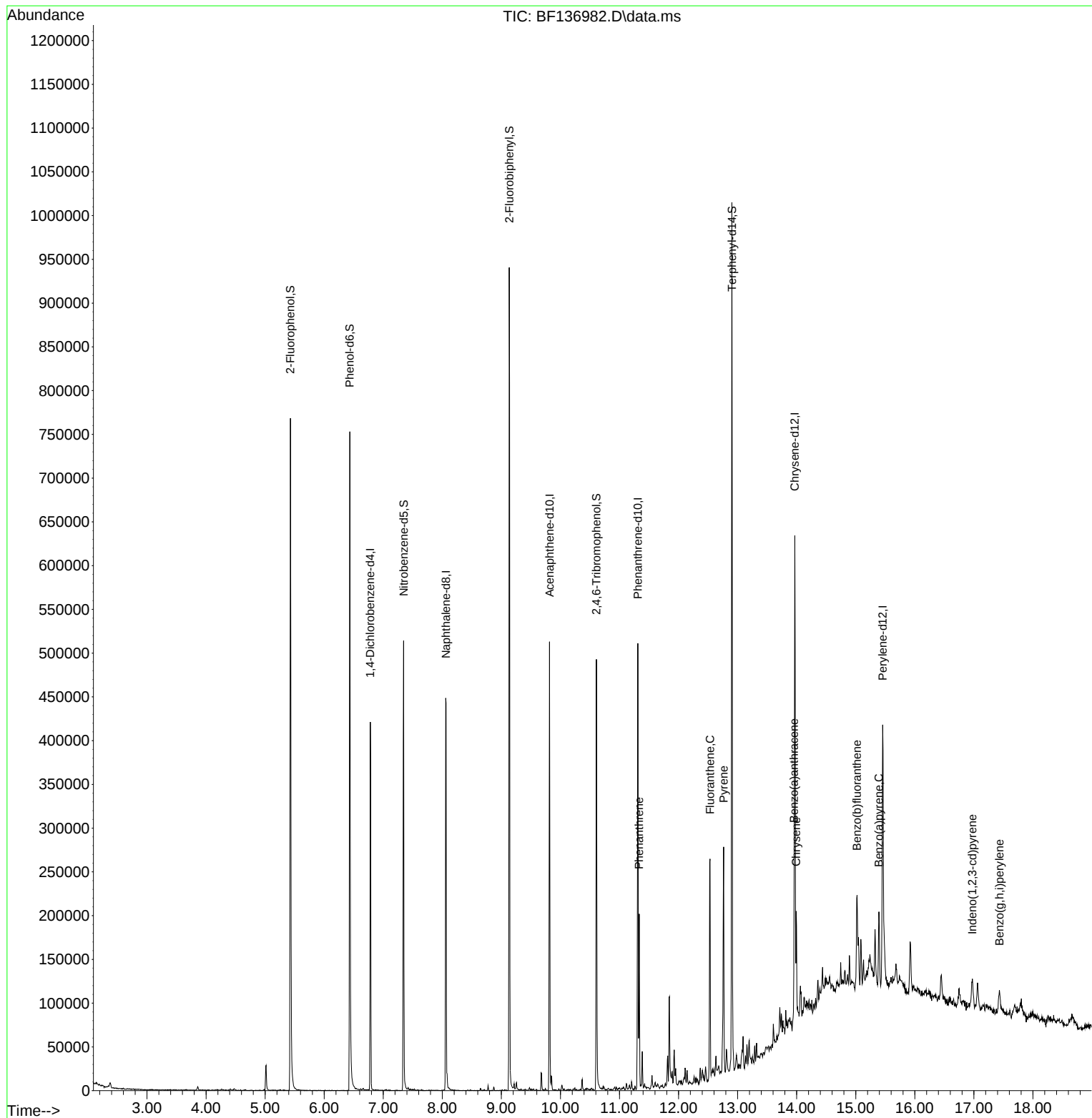
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136982.D
Acq On : 05 Jan 2024 18:29
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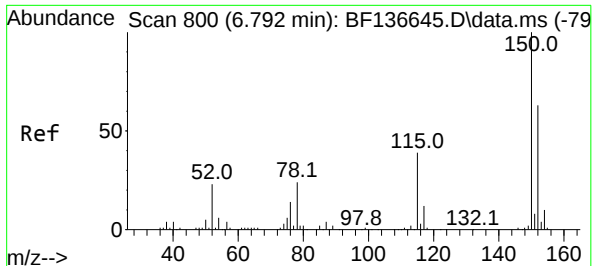
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2

Quant Time: Jan 05 22:51:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

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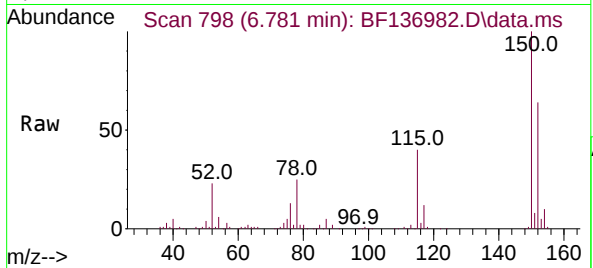
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

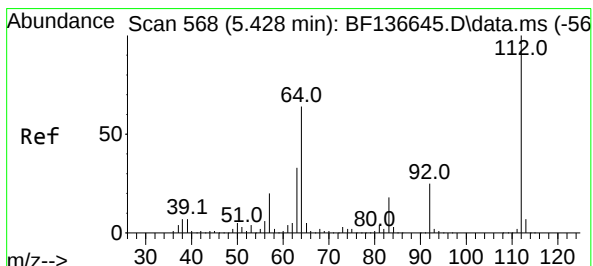
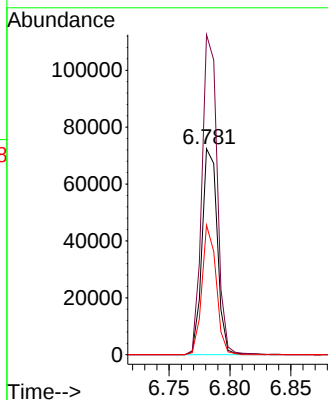
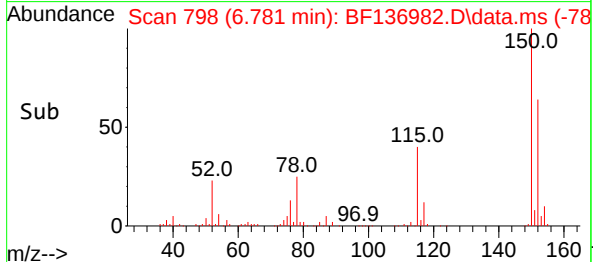
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2



Tgt Ion:152 Resp: 6310
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.6
115 62.9 49.0 73.4

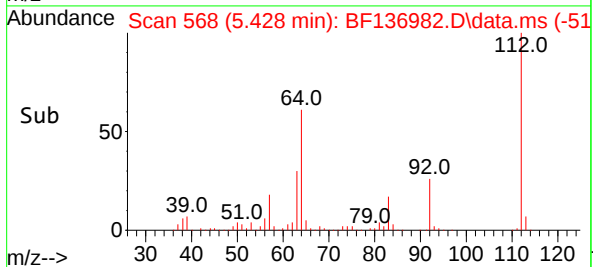
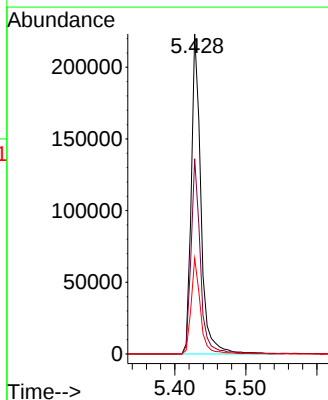
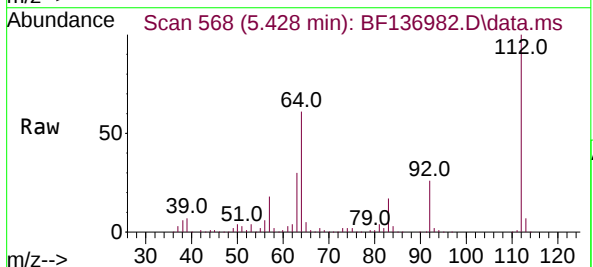
Manual Integrations
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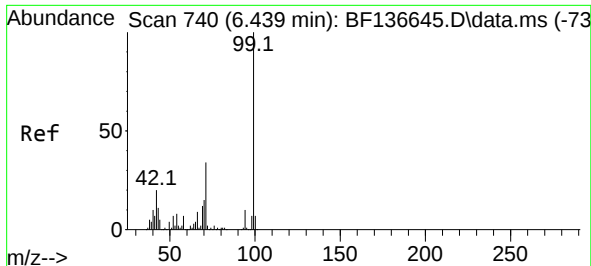
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#5
2-Fluorophenol
Concen: 52.232 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

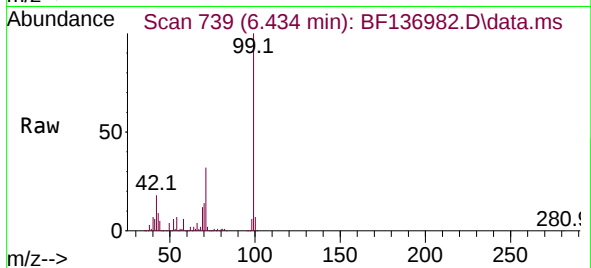
Tgt Ion:112 Resp: 211236
Ion Ratio Lower Upper
112 100
64 61.0 51.1 76.7
63 29.9 26.1 39.1





#7
Phenol-d6
Concen: 47.413 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

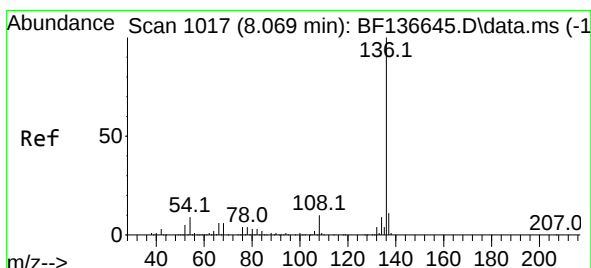
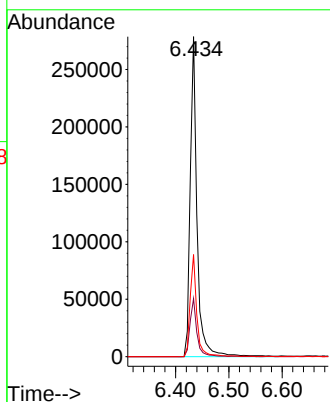
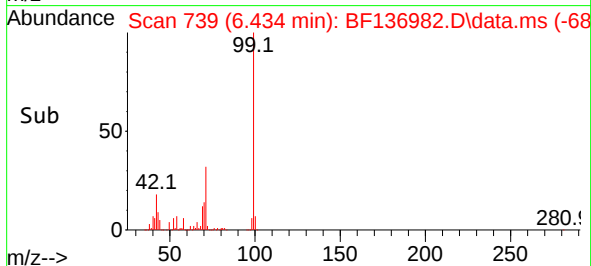
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2



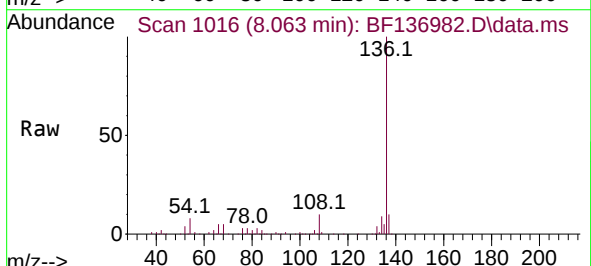
Tgt Ion: 99 Resp: 248458
Ion Ratio Lower Upper
99 100
42 18.1 16.1 24.1
71 31.9 27.4 41.2

Manual Integrations
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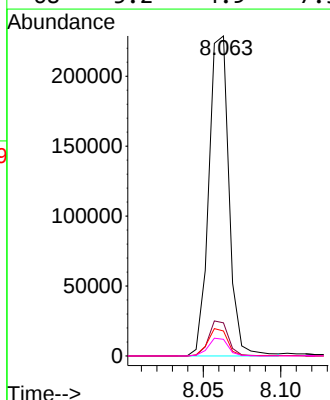
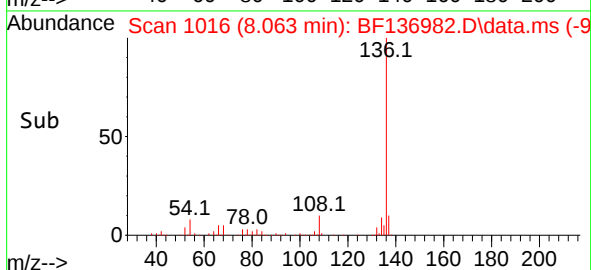
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

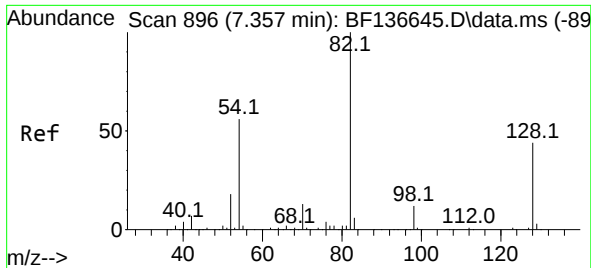


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29



Tgt Ion:136 Resp: 206995
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 7.8 7.2 10.8
68 5.2 4.9 7.3





#23
Nitrobenzene-d5
Concen: 36.946 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

Instrument :

BNA_F

ClientSampleId :

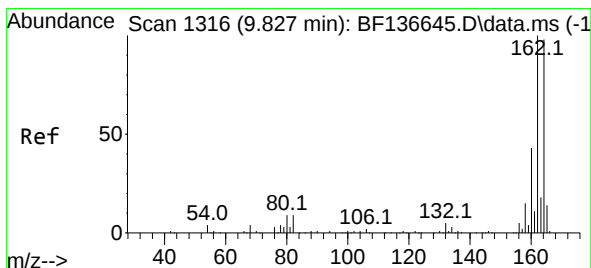
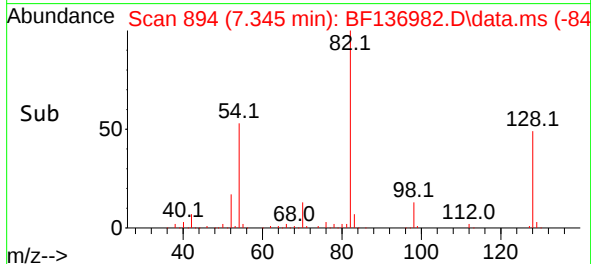
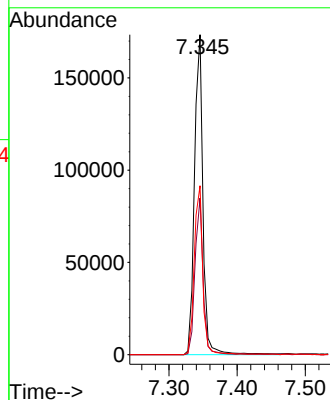
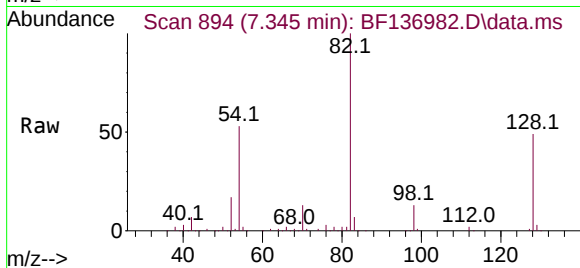
MR-317-0-2

Tgt Ion: 82 Resp: 149454
Ion Ratio Lower Upper
82 100
128 49.0 35.3 52.9
54 52.8 44.5 66.7

Manual Integrations

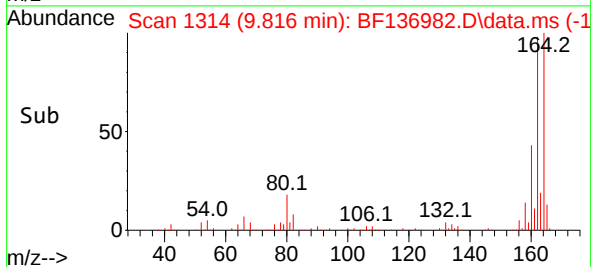
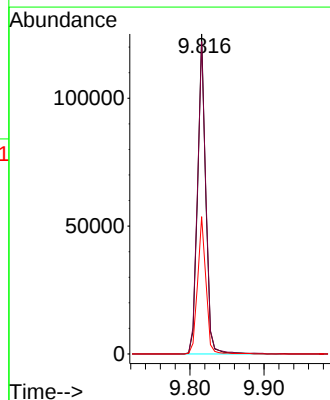
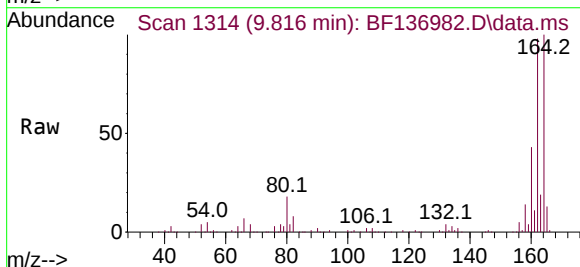
APPROVED

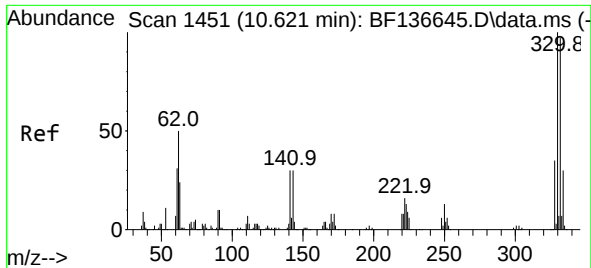
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

Tgt Ion:164 Resp: 94522
Ion Ratio Lower Upper
164 100
162 97.6 81.6 122.4
160 42.9 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 54.592 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

Instrument :

BNA_F

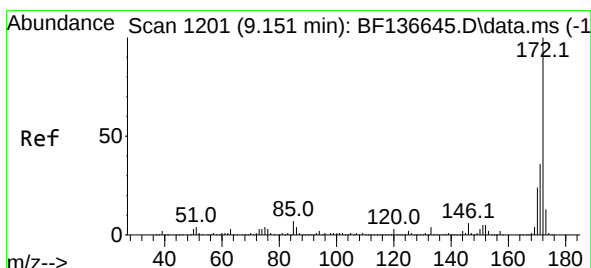
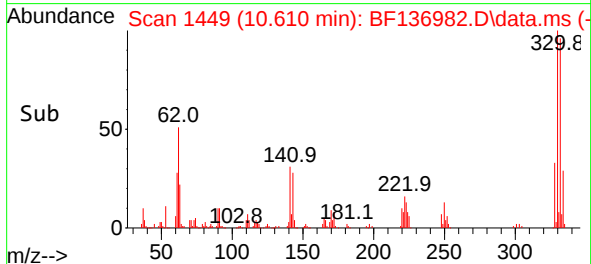
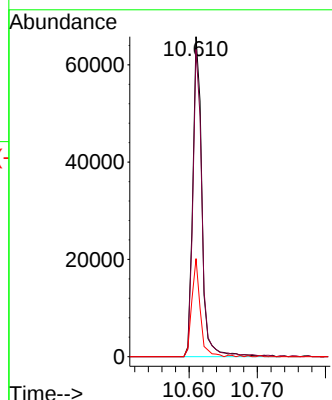
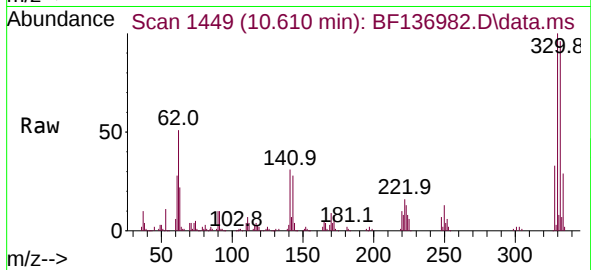
ClientSampleId :

MR-317-0-2

Tgt Ion:330 Resp: 60772
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 28.2 23.4 35.2

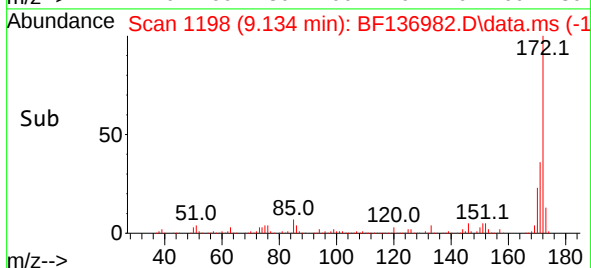
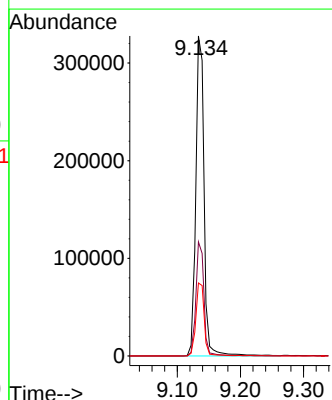
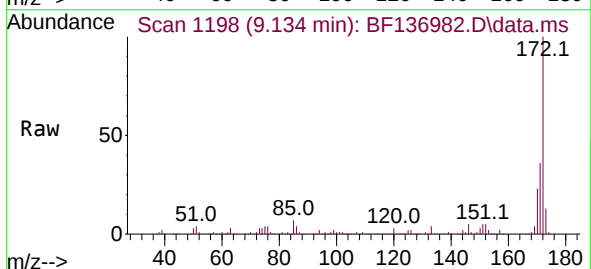
Manual Integrations
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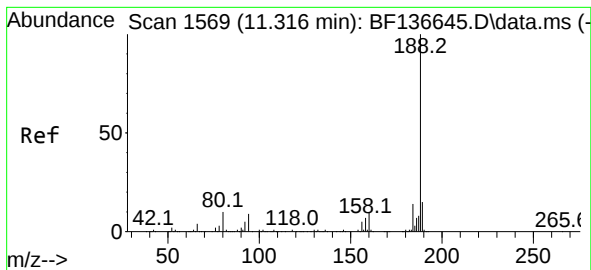
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#45
2-Fluorobiphenyl
Concen: 42.452 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

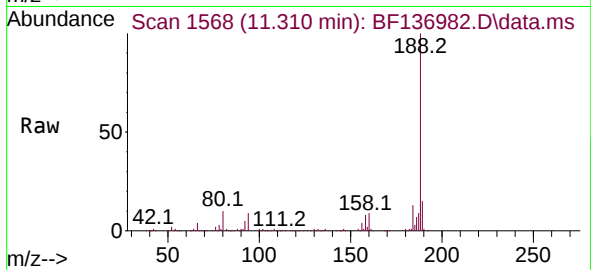
Tgt Ion:172 Resp: 298341
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 22.8 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

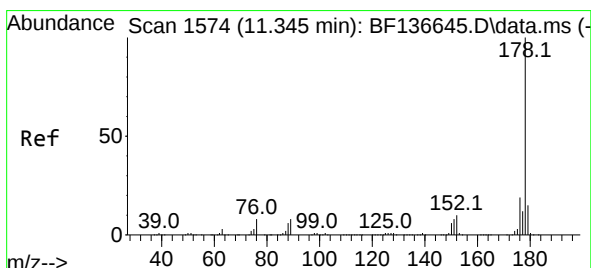
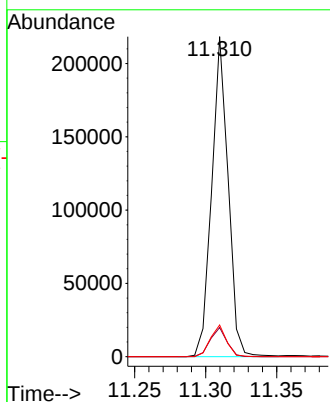
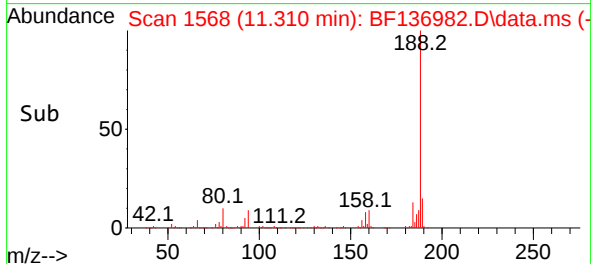
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2



Tgt Ion:188 Resp: 17585
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.9 8.1 12.1

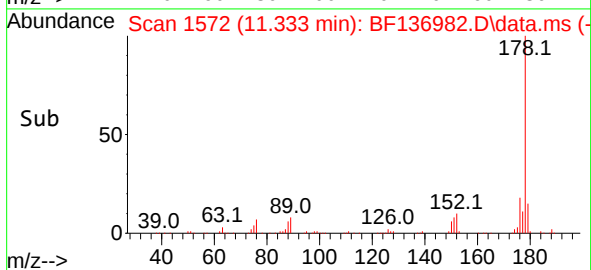
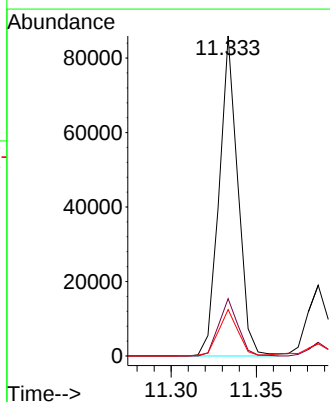
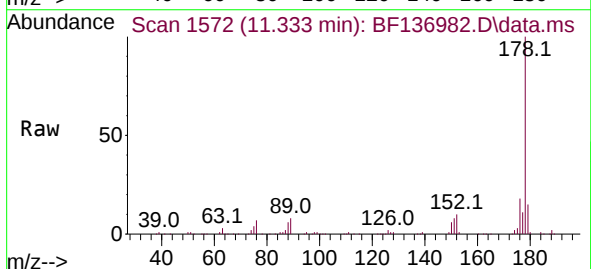
Manual Integrations
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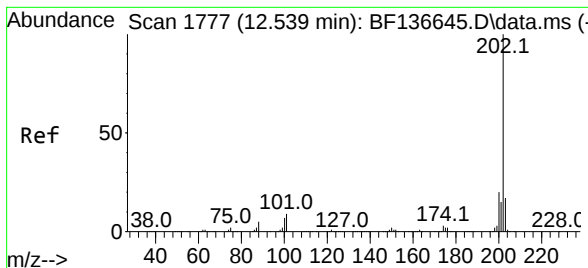
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#71
Phenanthrene
Concen: 7.304 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

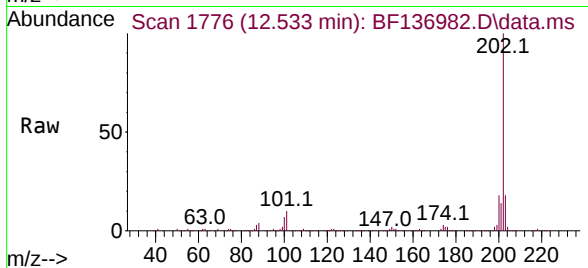
Tgt Ion:178 Resp: 65909
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 14.5 11.9 17.9





#75
Fluoranthene
Concen: 11.167 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

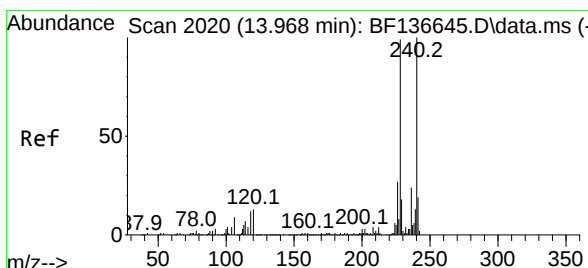
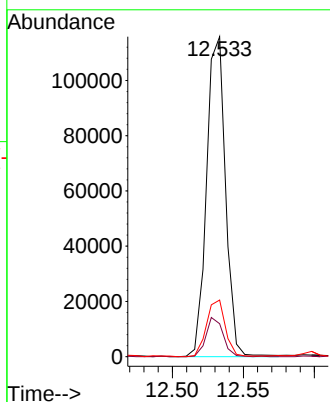
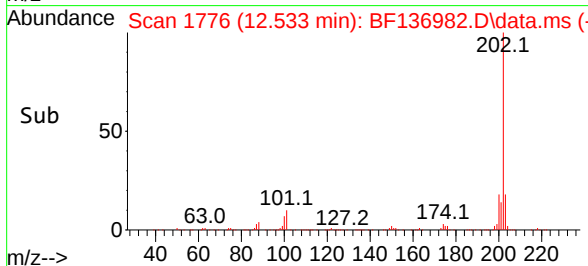
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2



Tgt Ion:202 Resp: 107784
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.3
203 17.7 0.0 37.1

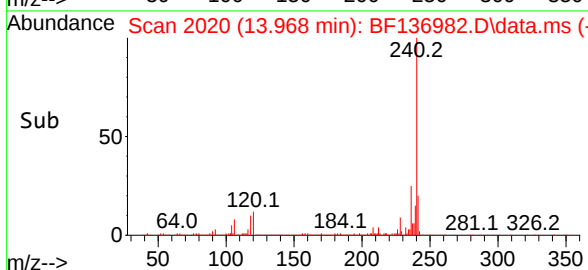
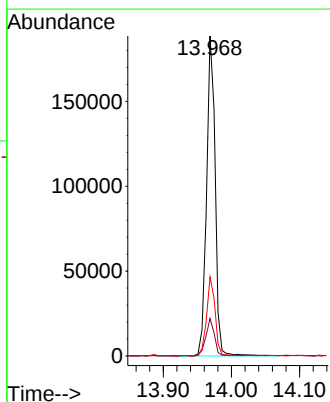
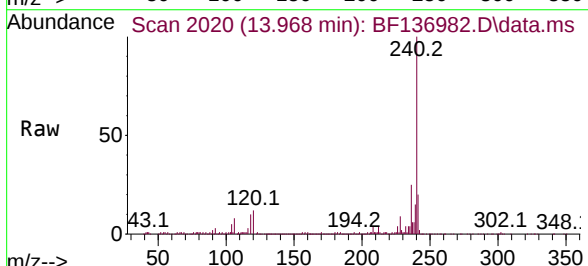
Manual Integrations
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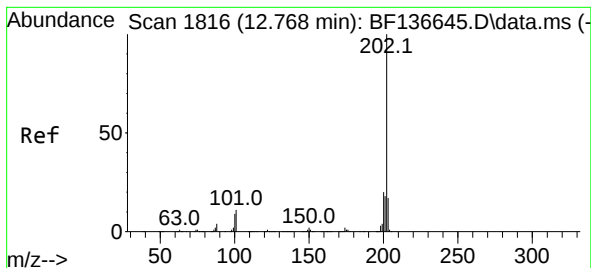
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

Tgt Ion:240 Resp: 166056
Ion Ratio Lower Upper
240 100
120 11.7 10.3 15.5
236 24.7 19.4 29.2





#78

Pyrene

Concen: 6.410 ng

RT: 12.763 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF136982.D

Acq: 05 Jan 2024 18:29

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2

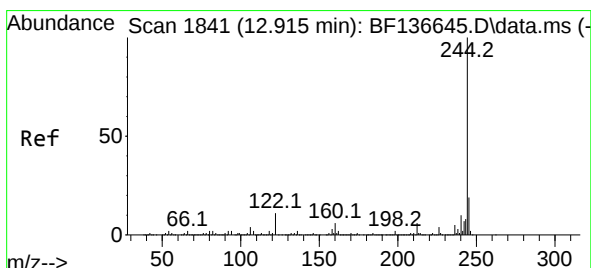
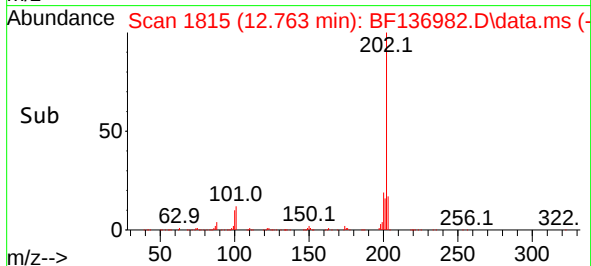
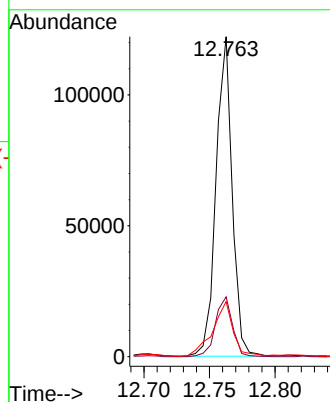
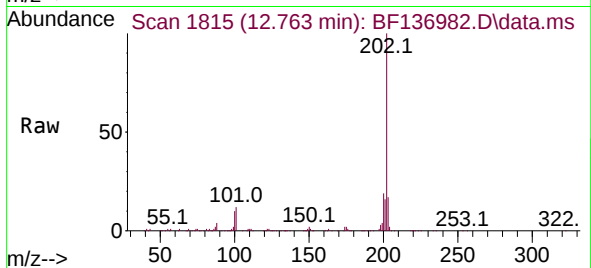
Tgt Ion:	202	Resp:	10449
Ion Ratio	Lower	Upper	
202	100		
200	18.7	15.9	23.9
203	17.2	13.8	20.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#79

Terphenyl-d14

Concen: 27.769 ng

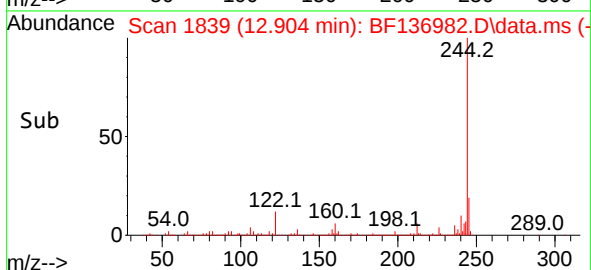
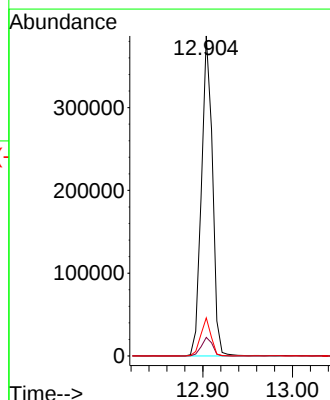
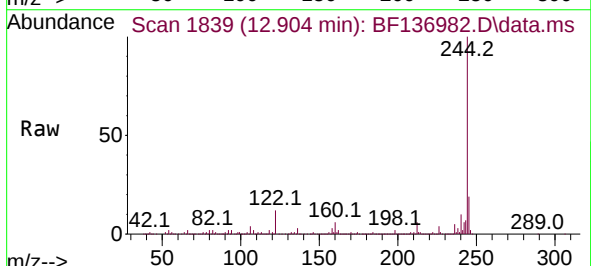
RT: 12.904 min Scan# 1839

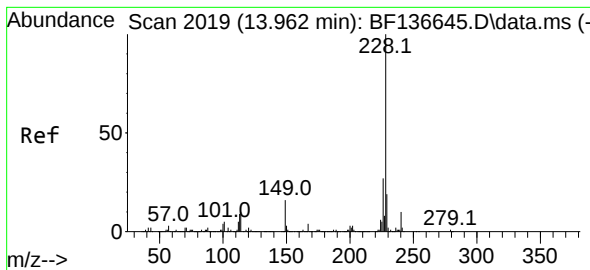
Delta R.T. -0.012 min

Lab File: BF136982.D

Acq: 05 Jan 2024 18:29

Tgt Ion:	244	Resp:	329967
Ion Ratio	Lower	Upper	
244	100		
212	5.8	5.0	7.4
122	11.9	9.0	13.4





#81

Benzo(a)anthracene

Concen: 4.778 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136982.D

Acq: 05 Jan 2024 18:29

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2

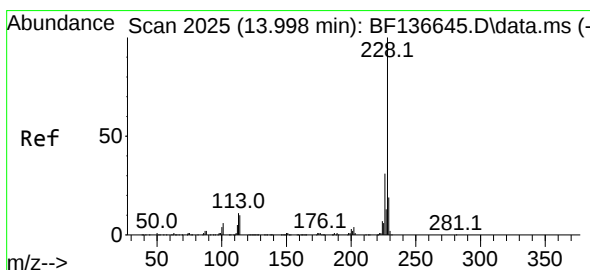
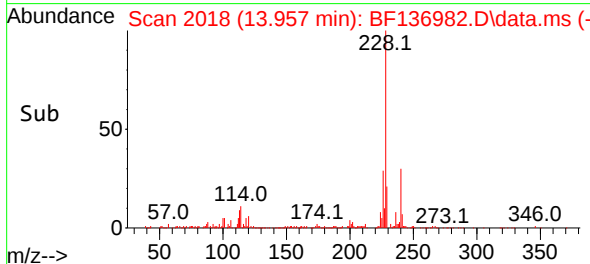
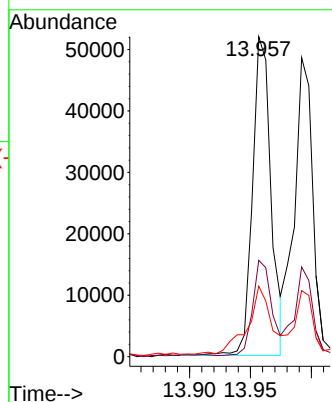
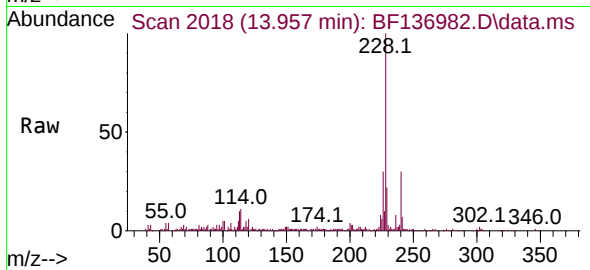
Tgt Ion:228	Resp: 55089
Ion Ratio	Lower Upper
228 100	
226 30.1	21.4 32.0
229 22.1	14.9 22.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#83

Chrysene

Concen: 4.563 ng

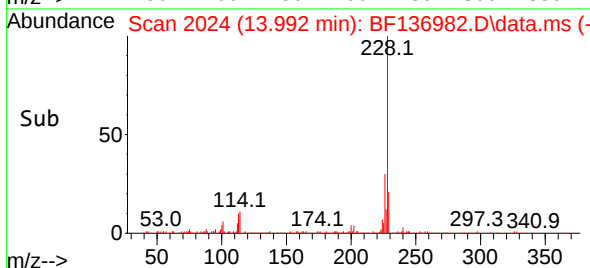
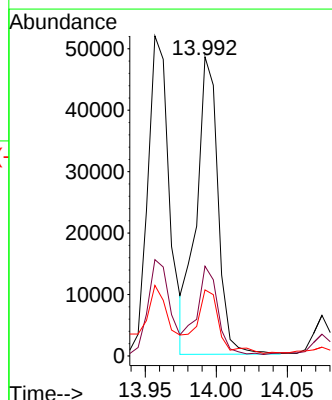
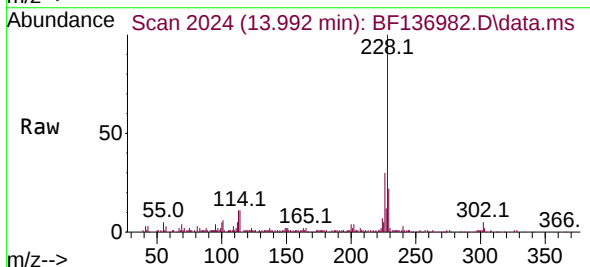
RT: 13.992 min Scan# 2024

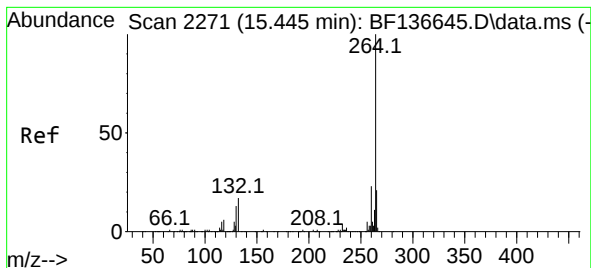
Delta R.T. -0.006 min

Lab File: BF136982.D

Acq: 05 Jan 2024 18:29

Tgt Ion:228	Resp: 51456
Ion Ratio	Lower Upper
228 100	
226 30.0	24.7 37.1
229 22.1	15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136982.D

Acq: 05 Jan 2024 18:29

Instrument :

BNA_F

ClientSampleId :

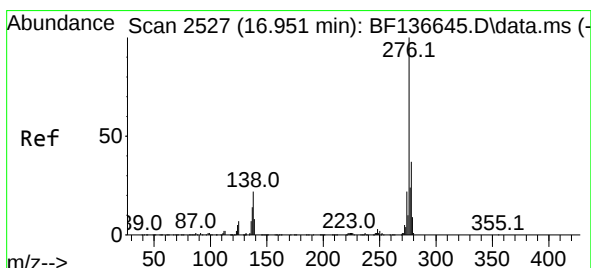
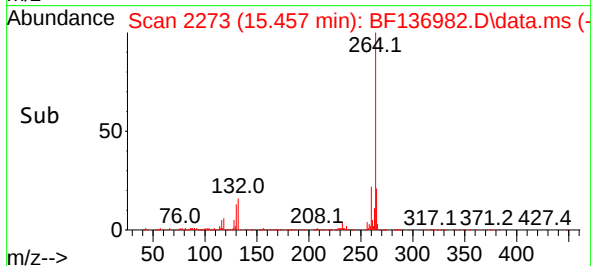
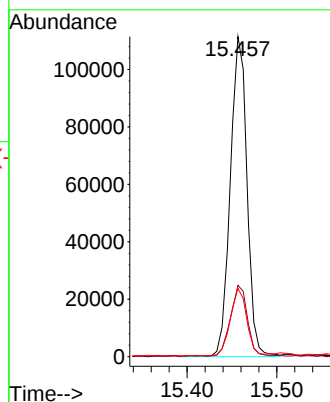
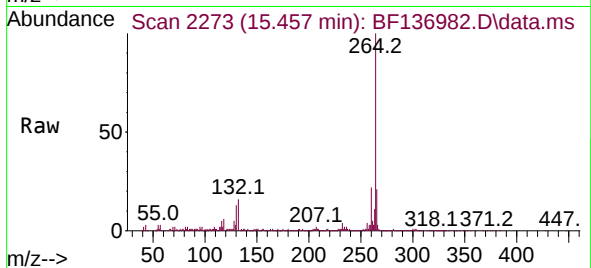
MR-317-0-2

Tgt Ion:264 Resp: 144439

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	21.3	17.0	25.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.101 ng

RT: 16.974 min Scan# 2531

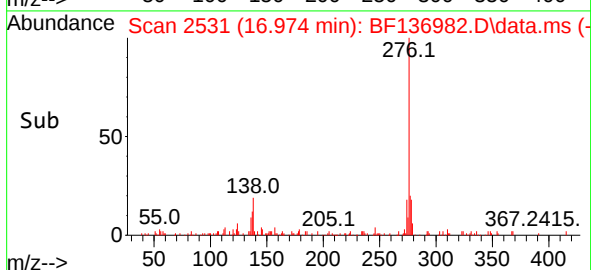
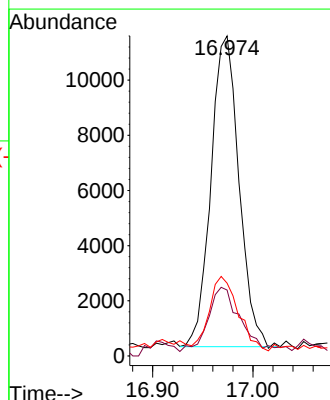
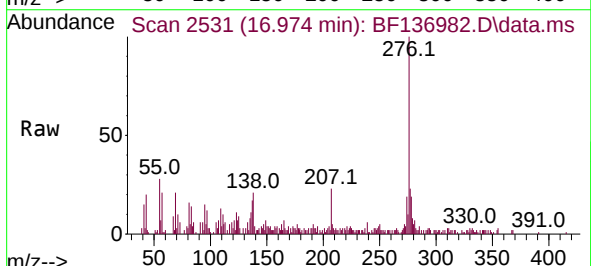
Delta R.T. 0.024 min

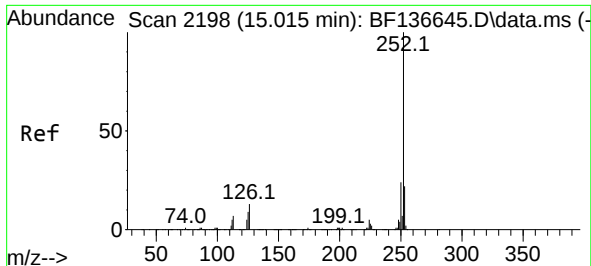
Lab File: BF136982.D

Acq: 05 Jan 2024 18:29

Tgt Ion:276 Resp: 21914

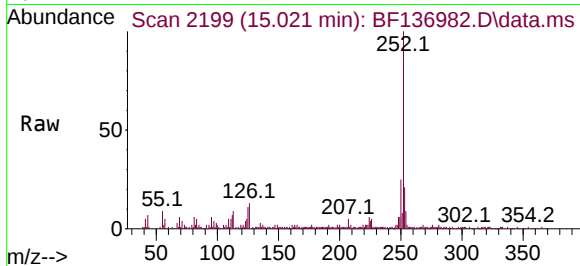
Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.7	28.1
277	24.5	20.2	30.2





#88
Benzo(b)fluoranthene
Concen: 6.438 ng m
RT: 15.021 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

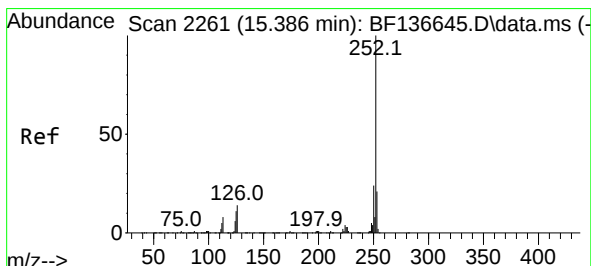
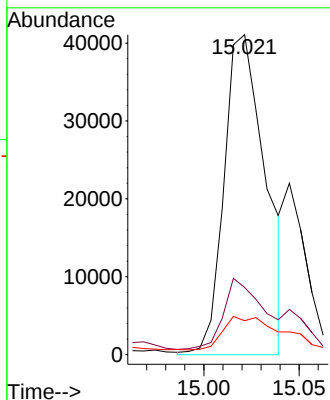
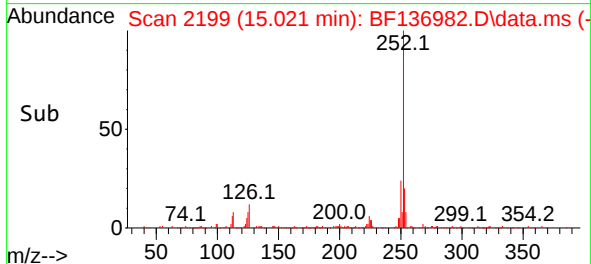
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2



Tgt Ion:252 Resp: 62110
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 10.6 7.4 11.2

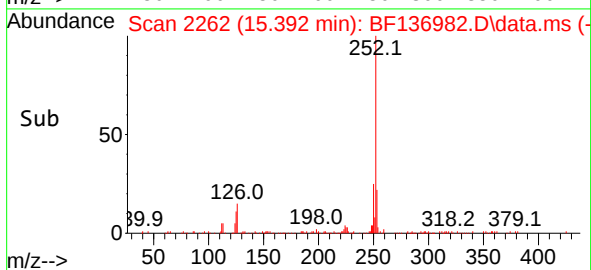
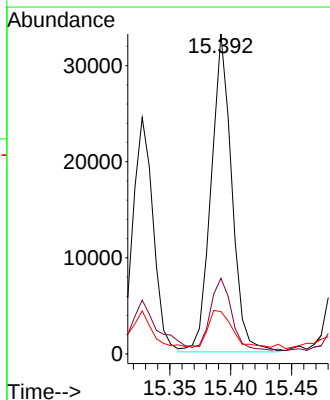
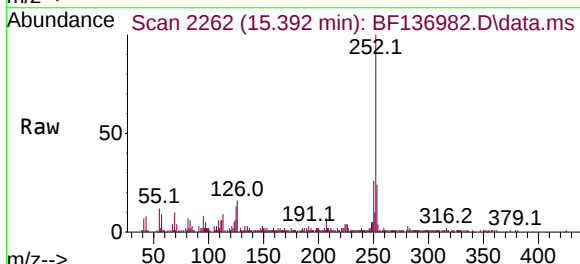
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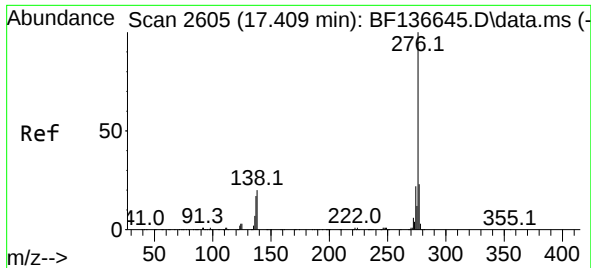
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#90
Benzo(a)pyrene
Concen: 4.807 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

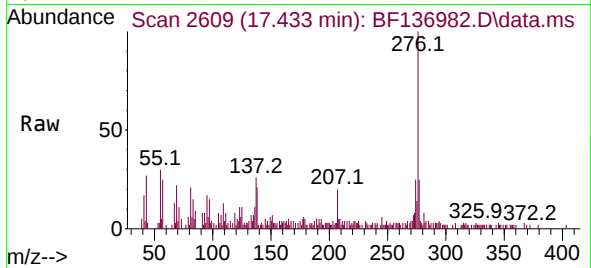
Tgt Ion:252 Resp: 39146
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 13.2 8.8 13.2#





#92
Benzo(g,h,i)perylene
Concen: 2.479 ng
RT: 17.433 min Scan# 20
Delta R.T. 0.024 min
Lab File: BF136982.D
Acq: 05 Jan 2024 18:29

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2



Tgt Ion: 276 Resp: 21720
Ion Ratio Lower Upper
276 100
277 24.6 18.3 27.5
138 21.2 15.6 23.4

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Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

