

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141529.D
 Acq On : 08 Feb 2025 00:47
 Operator : RC/JU
 Sample : Q1235-03 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-51.2-012925

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 08 01:27:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	74004	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	282155	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	139032	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	214327	20.000	ng	0.00
76) Chrysene-d12	13.963	240	125100	20.000	ng	0.00
86) Perylene-d12	15.421	264	97428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	46462	9.843	ng	0.00
7) Phenol-d6	6.428	99	238371	39.953	ng	-0.01
23) Nitrobenzene-d5	7.351	82	163063	30.143	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	3490	2.499	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	310077	34.360	ng	0.00
79) Terphenyl-d14	12.904	244	282540	38.128	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.098	128	45734	3.114	ng	98
71) Phenanthrene	11.339	178	130102	11.028	ng	99
72) Anthracene	11.392	178	35837	3.022	ng	98
75) Fluoranthene	12.533	202	131404	10.506	ng	100
78) Pyrene	12.763	202	124888	11.727	ng	98
80) Butylbenzylphthalate	13.380	149	9021	2.446	ng	90
81) Benzo(a)anthracene	13.951	228	50640	6.090	ng	# 91
83) Chrysene	13.986	228	42089	5.481	ng	# 91
84) Bis(2-ethylhexyl)phtha...	13.945	149	10071	2.421	ng	# 88
87) Indeno(1,2,3-cd)pyrene	16.868	276	14925	2.479	ng	94
88) Benzo(b)fluoranthene	14.998	252	40221m	6.148	ng	
89) Benzo(k)fluoranthene	15.015	252	14880m	2.664	ng	
90) Benzo(a)pyrene	15.357	252	30235	5.712	ng	# 76
92) Benzo(g,h,i)perylene	17.309	276	17394	3.408	ng	# 84

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

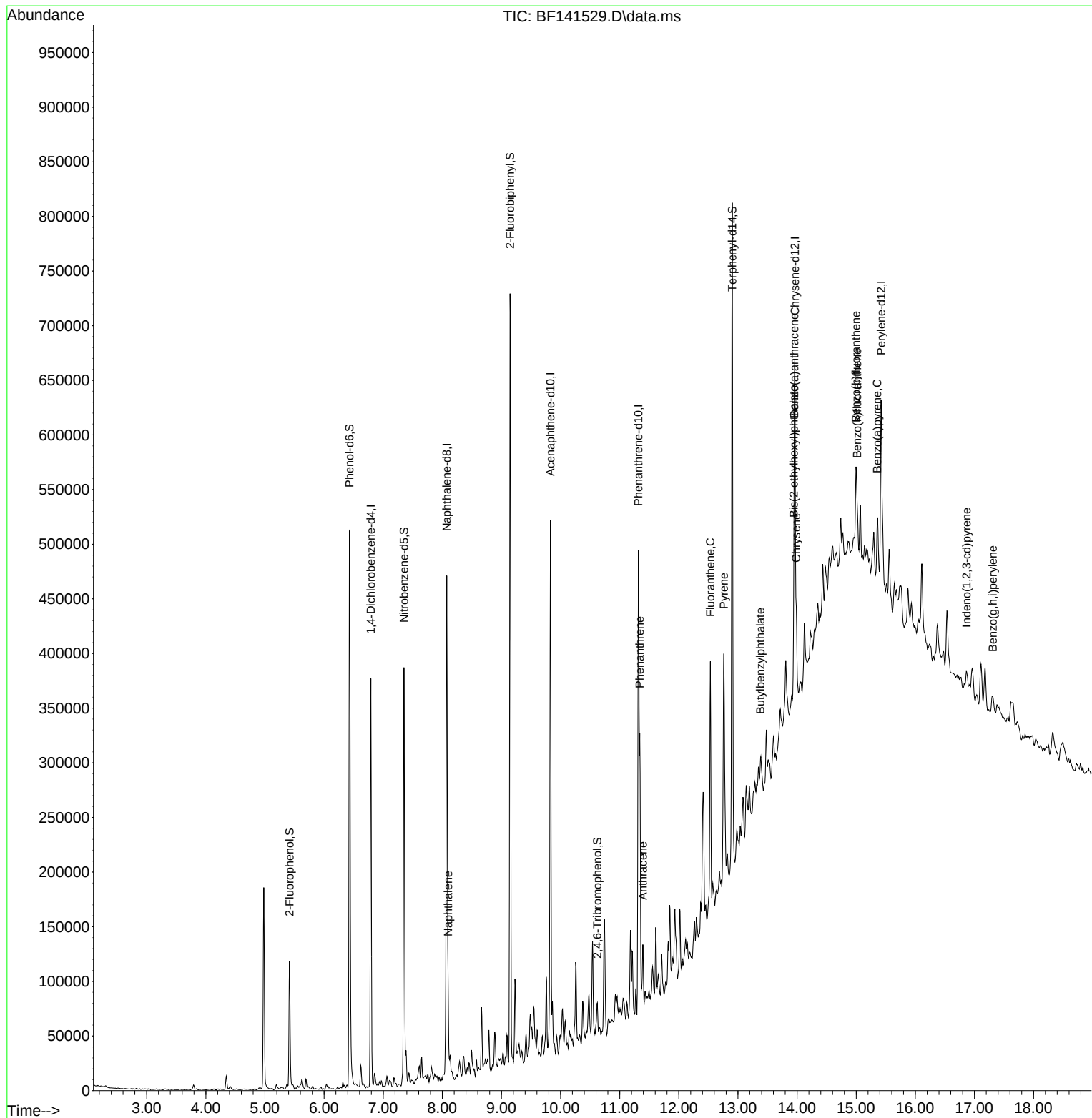
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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ALS Vial : 25 Sample Multiplier: 1

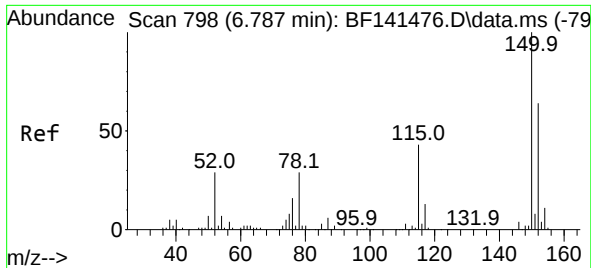
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Quant Time: Feb 08 01:27:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
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QLast Update : Thu Feb 06 16:58:59 2025
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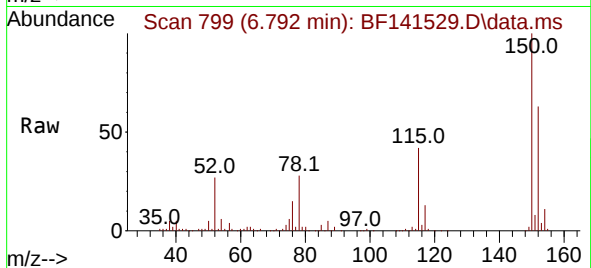
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

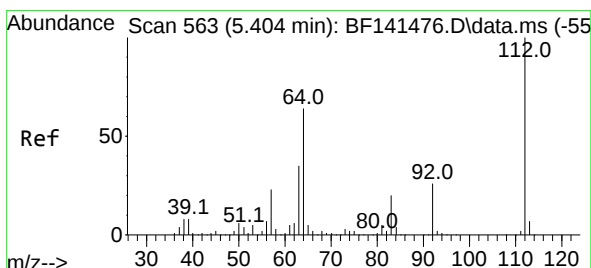
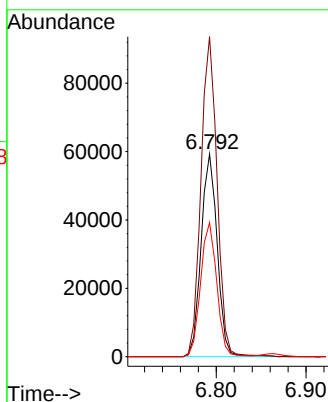
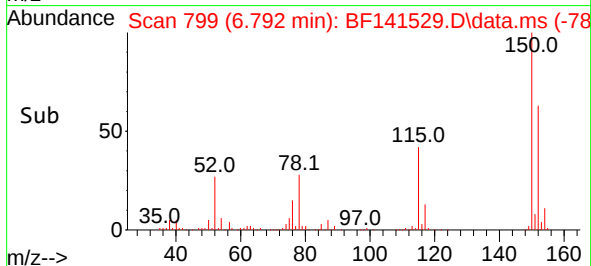
Instrument :
BNA_F
ClientSampleId :
JPP-51.2-012925



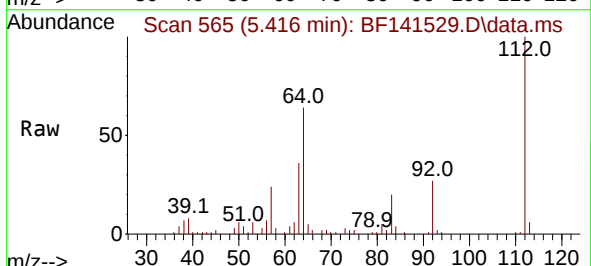
Tgt Ion:152 Resp: 74004
Ion Ratio Lower Upper
152 100
150 157.8 125.0 187.4
115 66.1 53.6 80.4

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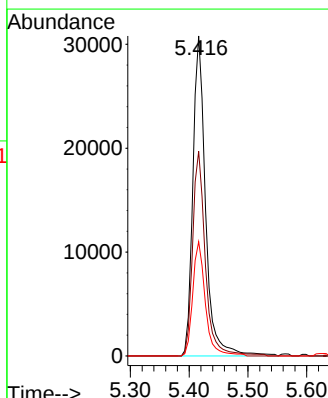
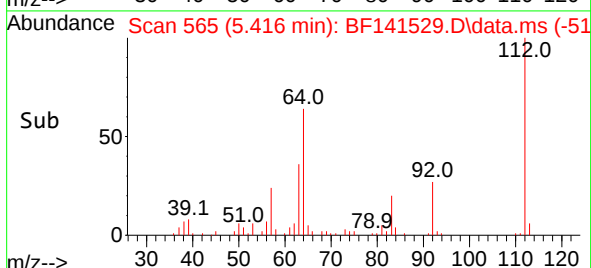
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

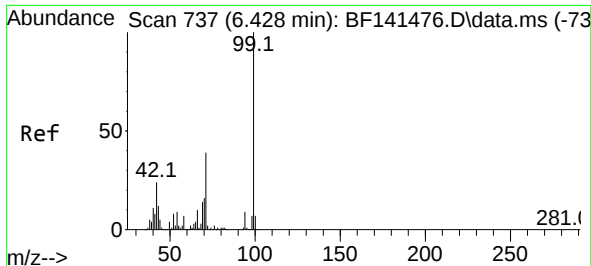


#5
2-Fluorophenol
Concen: 9.843 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47



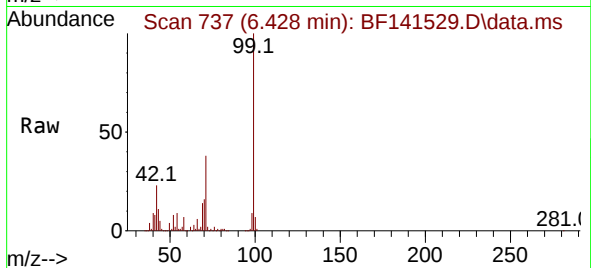
Tgt Ion:112 Resp: 46462
Ion Ratio Lower Upper
112 100
64 63.9 51.1 76.7
63 35.7 28.4 42.6





#7
Phenol-d6
Concen: 39.953 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

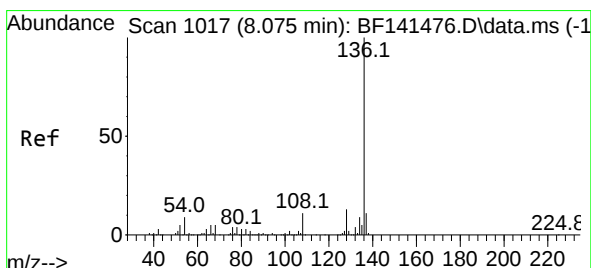
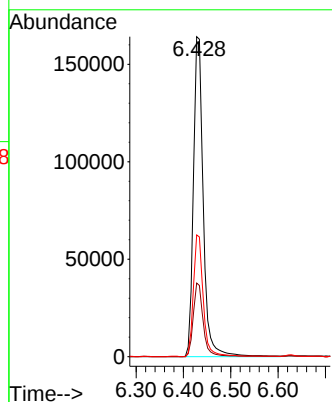
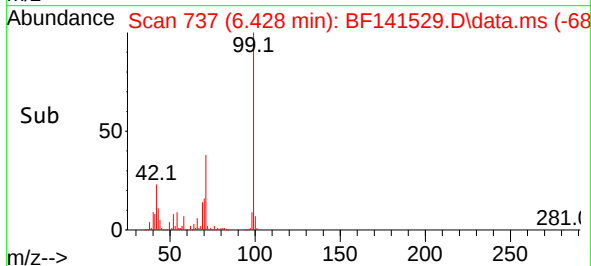
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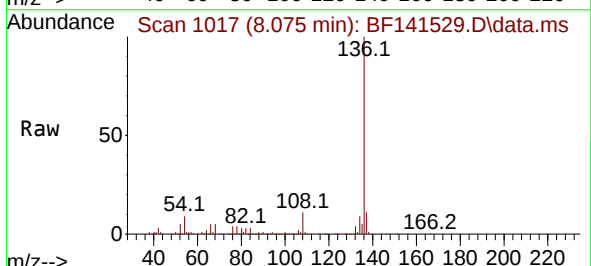
Tgt Ion: 99 Resp: 23837
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 38.1 31.1 46.7

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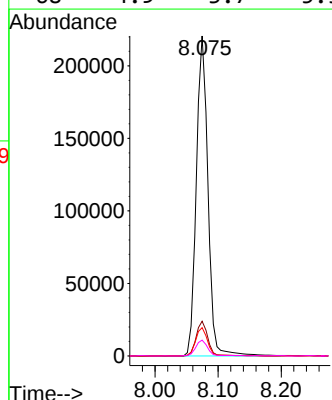
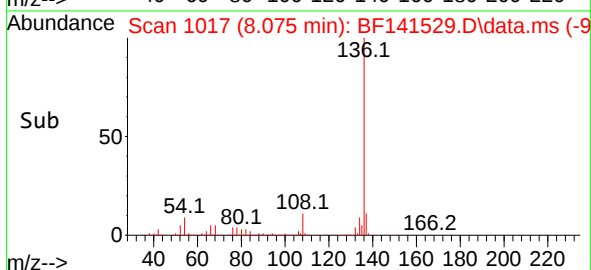
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

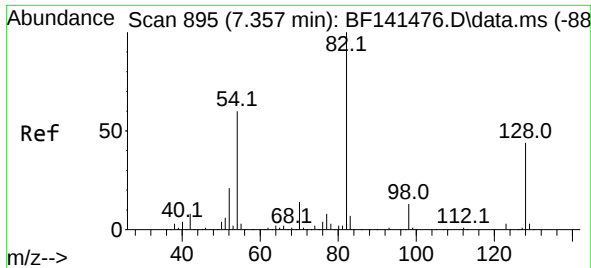


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47



Tgt Ion:136 Resp: 282155
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.2 10.8
68 4.9 3.7 5.5





#23
Nitrobenzene-d5
Concen: 30.143 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

Instrument :

BNA_F

ClientSampleId :

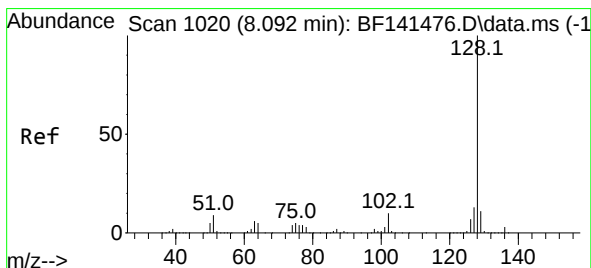
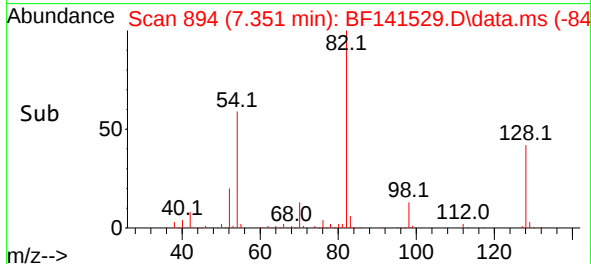
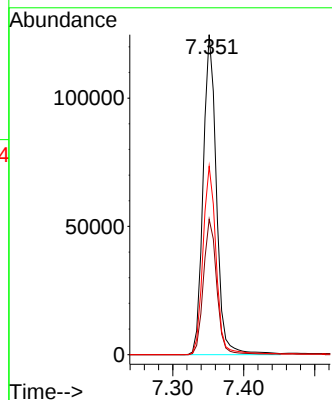
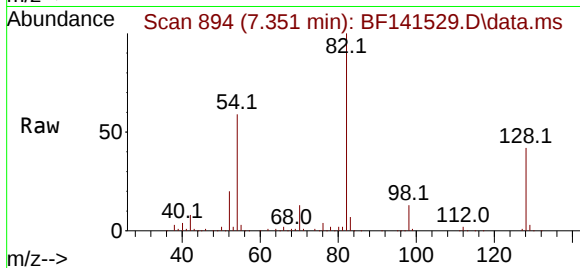
JPP-51.2-012925

Tgt Ion: 82 Resp: 16306
Ion Ratio Lower Upper
82 100
128 42.4 34.8 52.2
54 58.9 48.2 72.4

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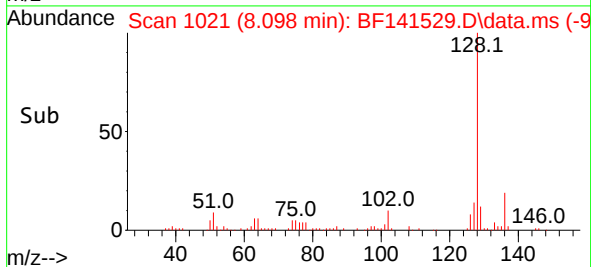
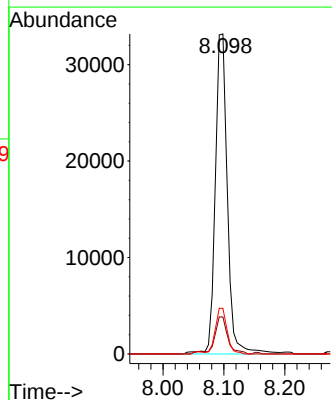
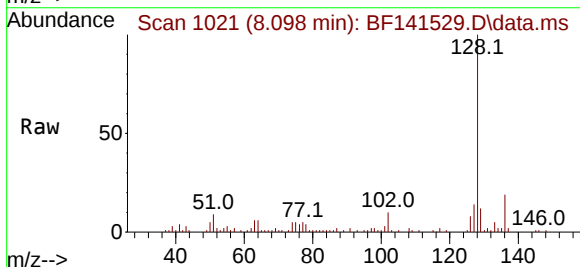
APPROVED

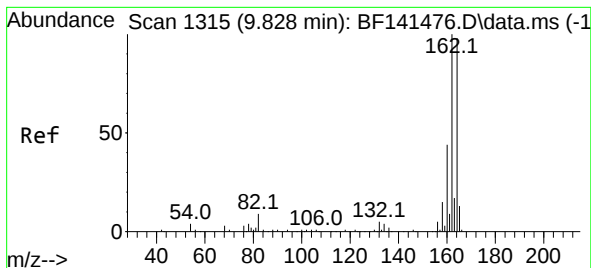
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#31
Naphthalene
Concen: 3.114 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

Tgt Ion:128 Resp: 45734
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 14.3 10.7 16.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141529.D

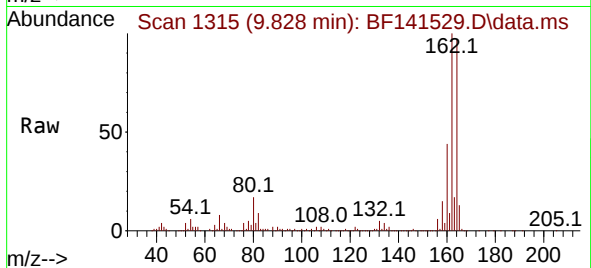
Acq: 08 Feb 2025 00:47

Instrument :

BNA_F

ClientSampleId :

JPP-51.2-012925



Tgt Ion:164 Resp: 13903

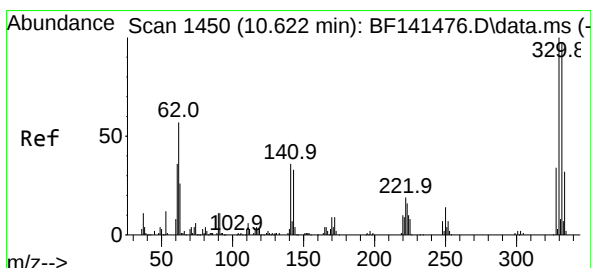
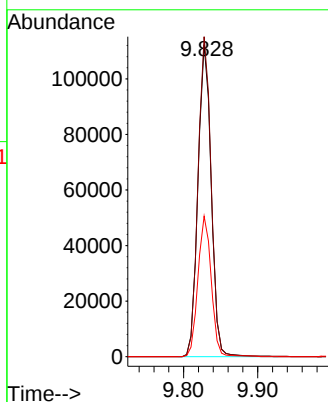
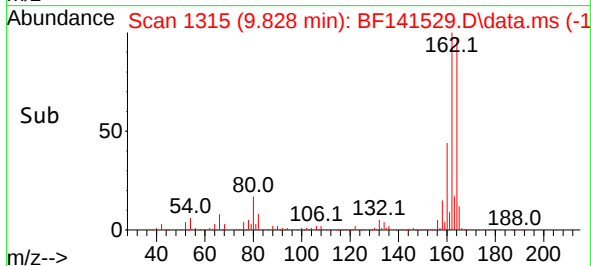
Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.3	121.9
160	45.0	35.9	53.9

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 2.499 ng

RT: 10.622 min Scan# 1450

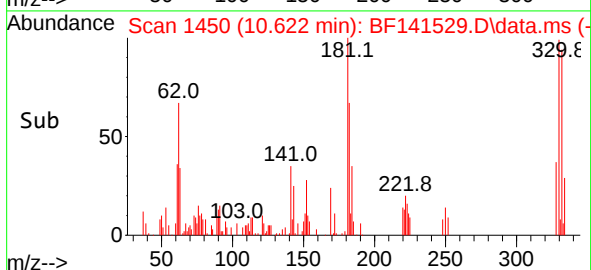
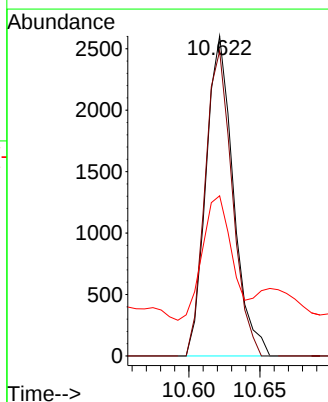
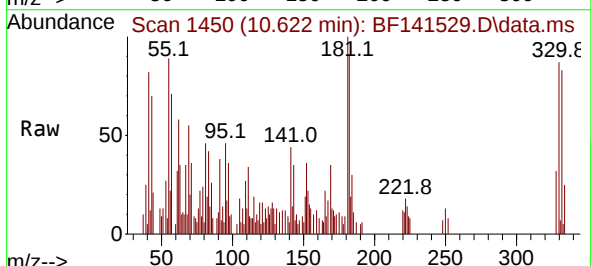
Delta R.T. -0.006 min

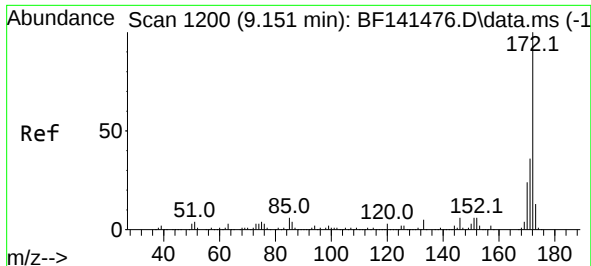
Lab File: BF141529.D

Acq: 08 Feb 2025 00:47

Tgt Ion:330 Resp: 3490

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.5	117.7
141	43.0	31.0	46.4





#45

2-Fluorobiphenyl

Concen: 34.360 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141529.D

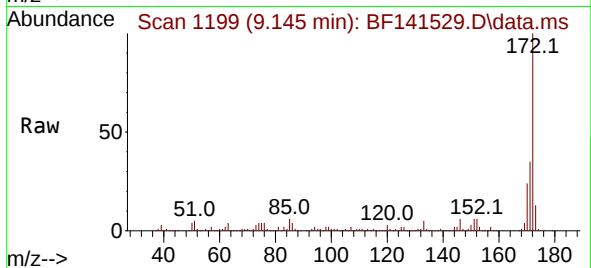
Acq: 08 Feb 2025 00:47

Instrument :

BNA_F

ClientSampleId :

JPP-51.2-012925



Tgt Ion:172 Resp: 31007

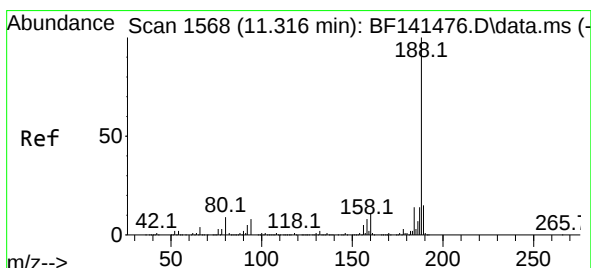
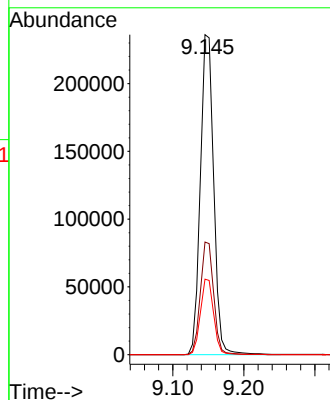
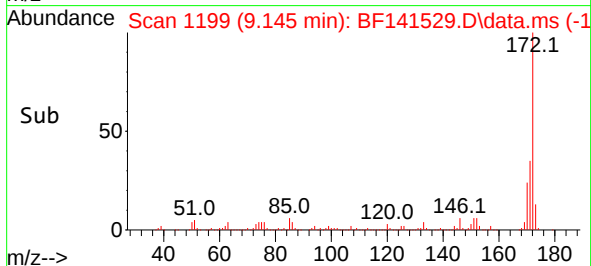
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.6	18.9	28.3

Manual Integrations

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Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

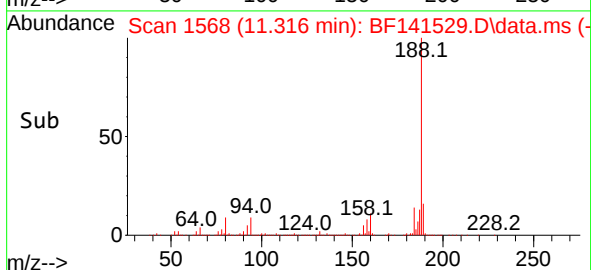
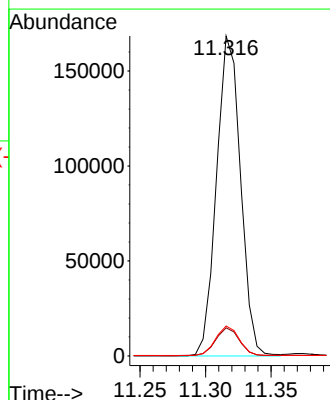
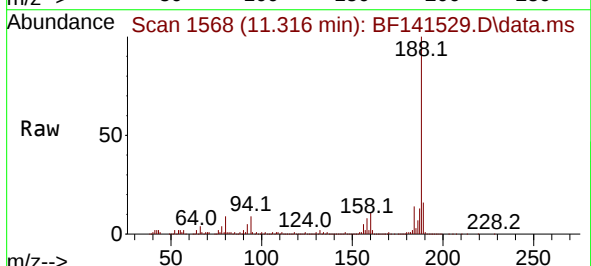
Delta R.T. 0.000 min

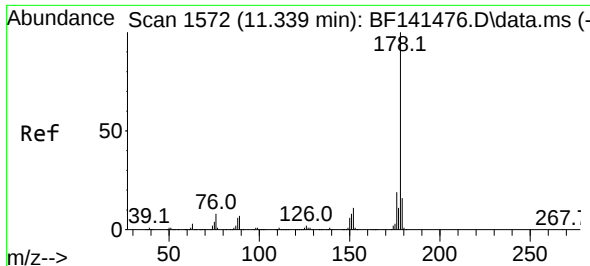
Lab File: BF141529.D

Acq: 08 Feb 2025 00:47

Tgt Ion:188 Resp: 214327

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.4	7.3	10.9





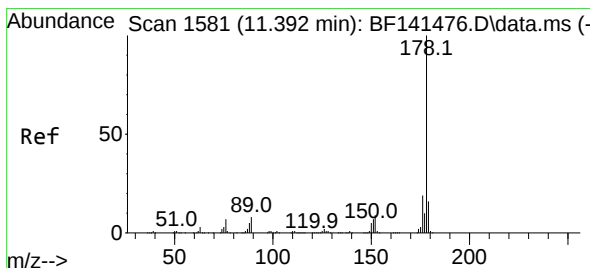
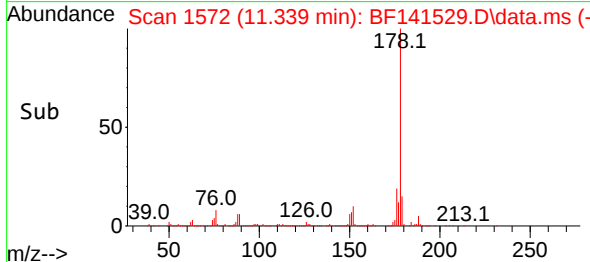
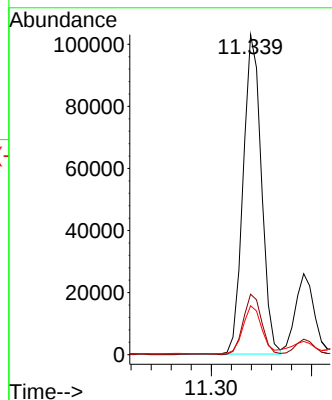
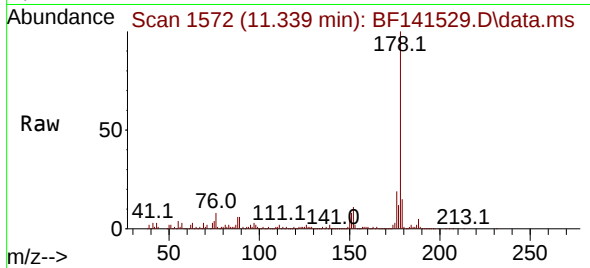
#71
Phenanthrene
Concen: 11.028 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

Instrument :
BNA_F
ClientSampleId :
JPP-51.2-012925

Tgt Ion:178 Resp: 13010
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.4 18.6

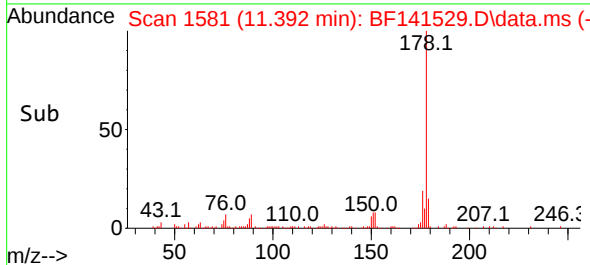
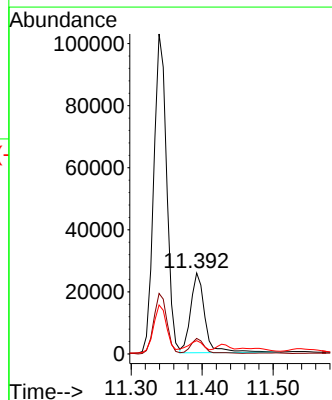
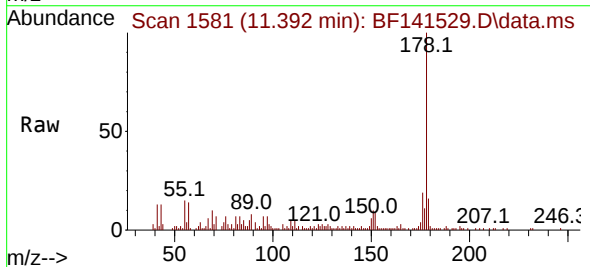
Manual Integrations
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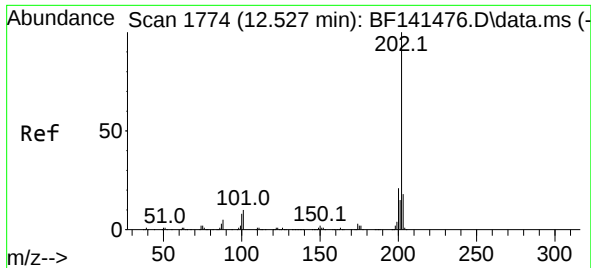
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#72
Anthracene
Concen: 3.022 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

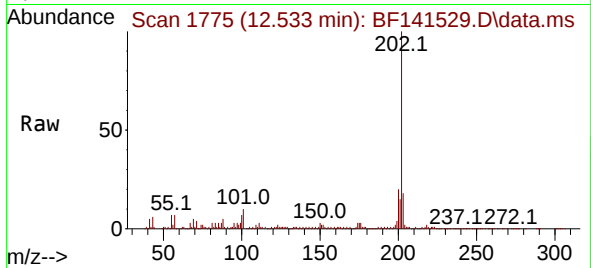
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Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 16.4 12.4 18.6





#75
Fluoranthene
Concen: 10.506 ng
RT: 12.533 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

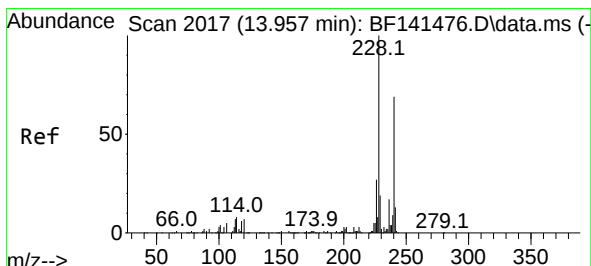
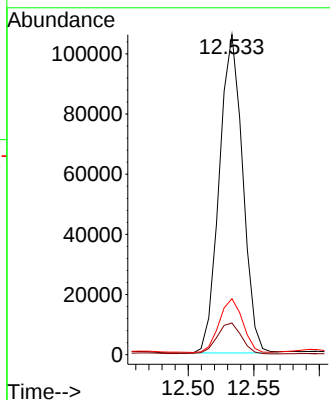
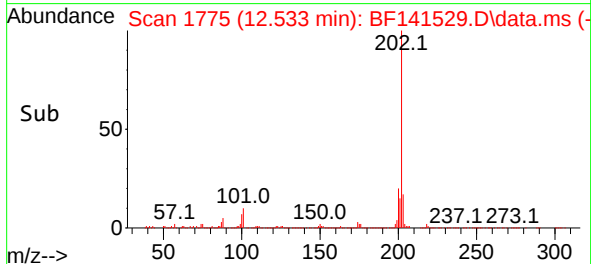
Instrument :
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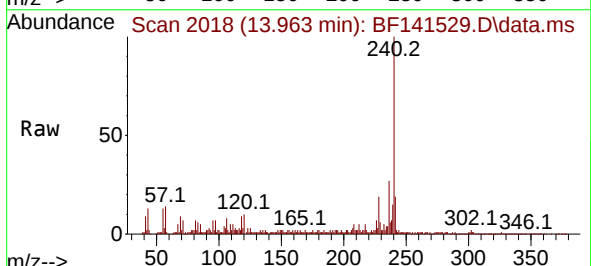
Tgt Ion:202 Resp: 131404
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.5 0.0 37.6

Manual Integrations
APPROVED

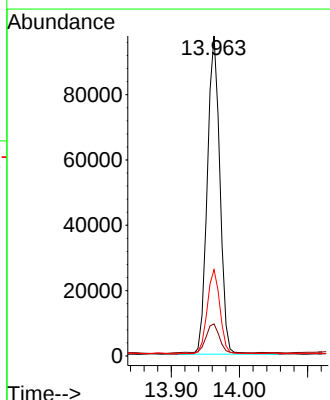
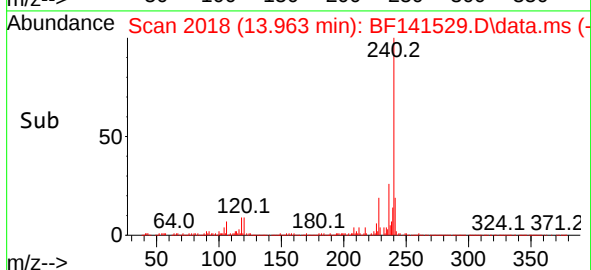
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

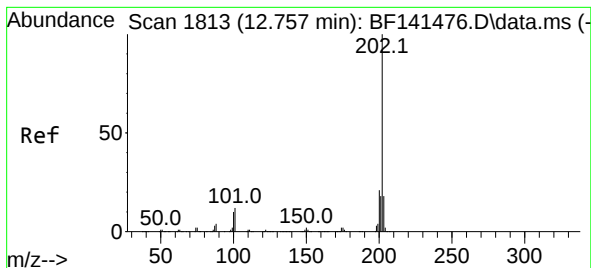


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47



Tgt Ion:240 Resp: 125100
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 27.0 19.8 29.8





#78

Pyrene

Concen: 11.727 ng

RT: 12.763 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF141529.D

Acq: 08 Feb 2025 00:47

Instrument :

BNA_F

ClientSampleId :

JPP-51.2-012925

Tgt Ion:202 Resp: 12488

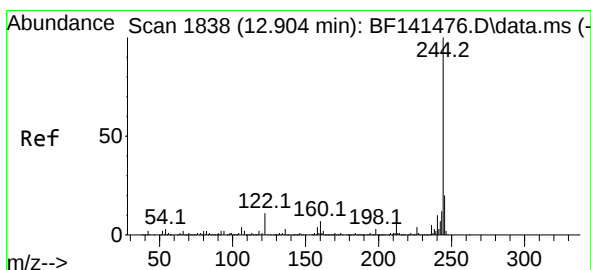
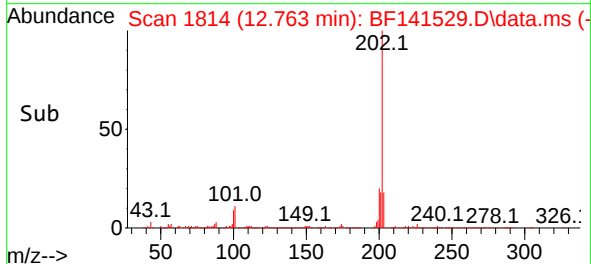
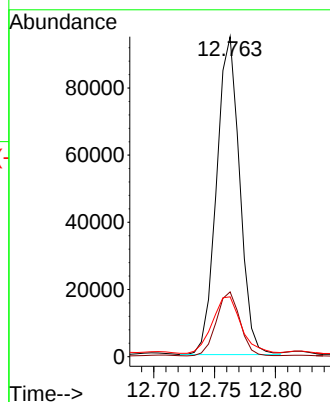
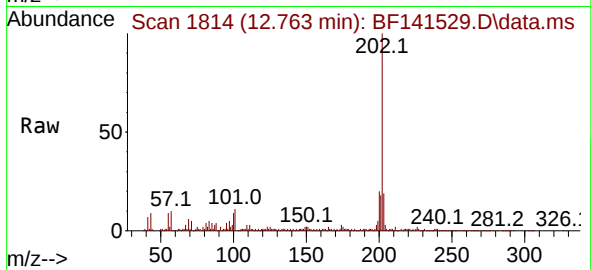
Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.4
203	18.7	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#79

Terphenyl-d14

Concen: 38.128 ng

RT: 12.904 min Scan# 1838

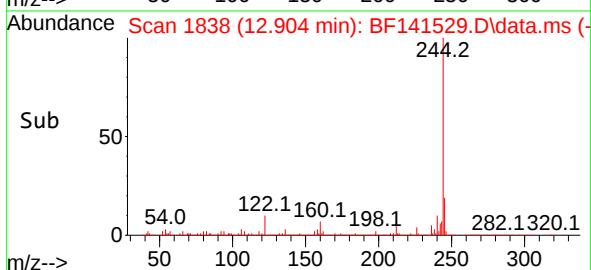
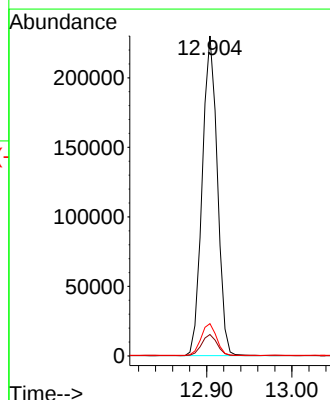
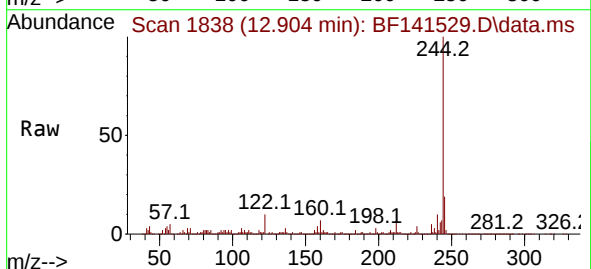
Delta R.T. 0.000 min

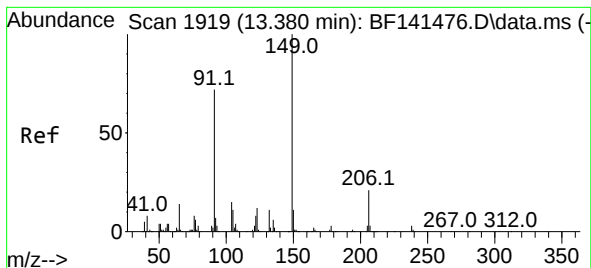
Lab File: BF141529.D

Acq: 08 Feb 2025 00:47

Tgt Ion:244 Resp: 282540

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.1	8.4	12.6





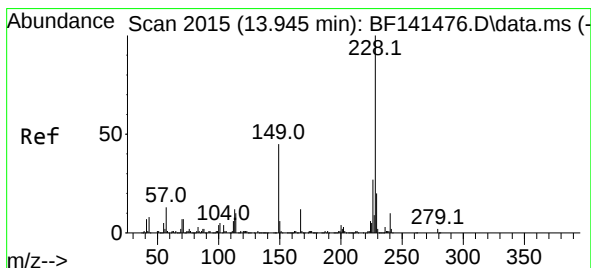
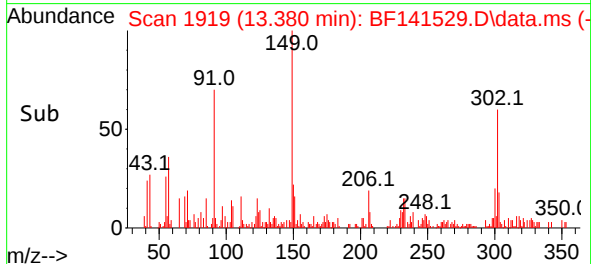
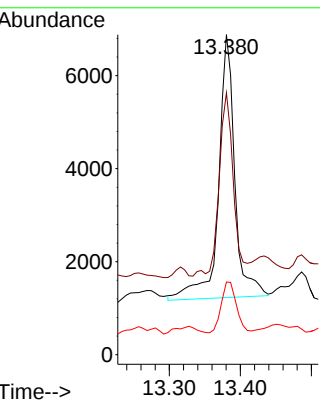
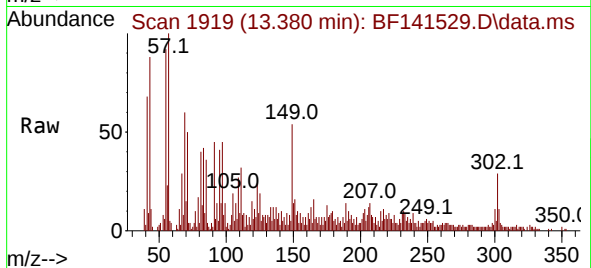
#80
Butylbenzylphthalate
Concen: 2.446 ng
RT: 13.380 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

Instrument :
BNA_F
ClientSampleId :
JPP-51.2-012925

Tgt Ion:149 Resp: 902
Ion Ratio Lower Upper
149 100
91 81.9 57.8 86.8
206 22.7 16.7 25.1

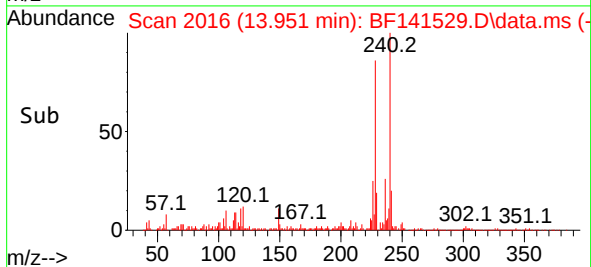
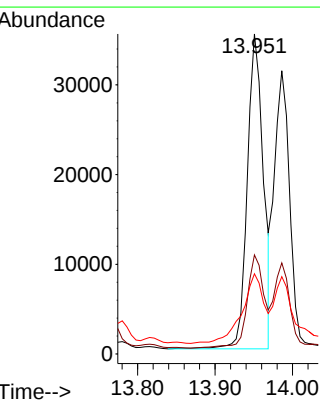
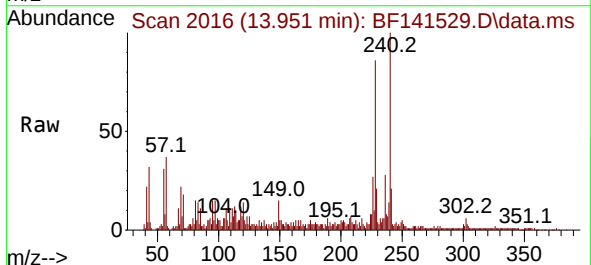
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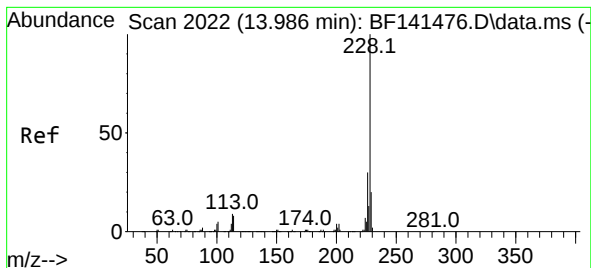
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#81
Benzo(a)anthracene
Concen: 6.090 ng
RT: 13.951 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

Tgt Ion:228 Resp: 50640
Ion Ratio Lower Upper
228 100
226 30.9 21.8 32.8
229 25.1 15.8 23.6#





#83

Chrysene

Concen: 5.481 ng

RT: 13.986 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141529.D

Acq: 08 Feb 2025 00:47

Instrument :

BNA_F

ClientSampleId :

JPP-51.2-012925

Tgt Ion:228 Resp: 42089

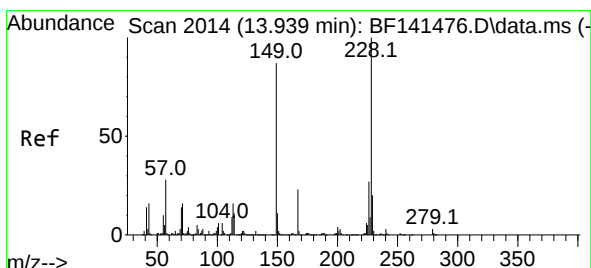
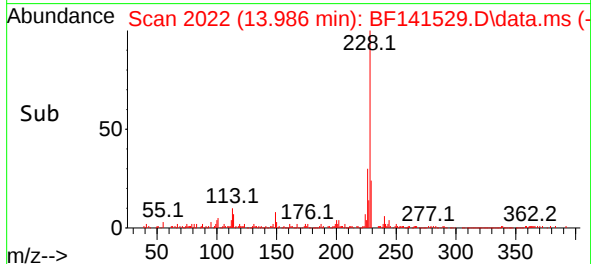
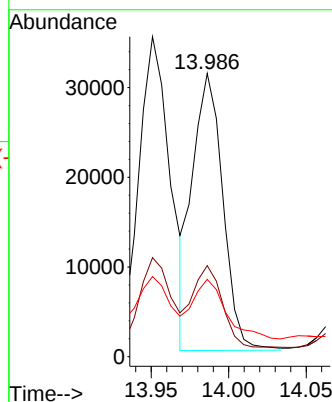
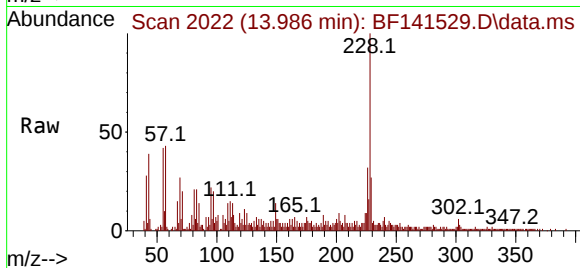
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	27.3	15.7	23.5

Manual Integrations

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Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.421 ng

RT: 13.945 min Scan# 2015

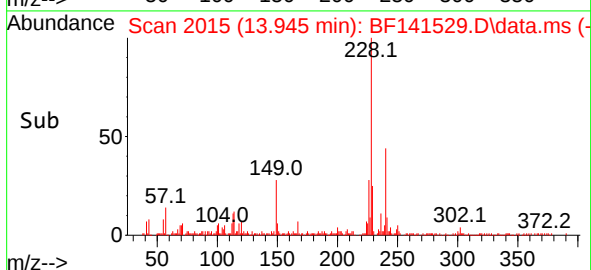
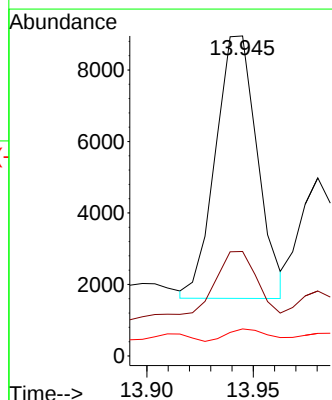
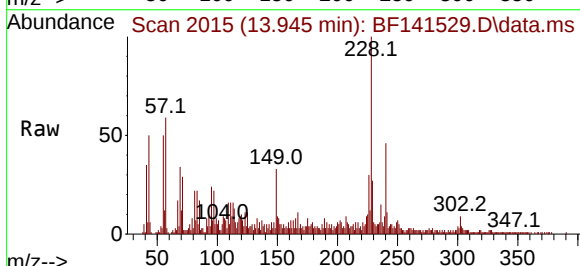
Delta R.T. 0.006 min

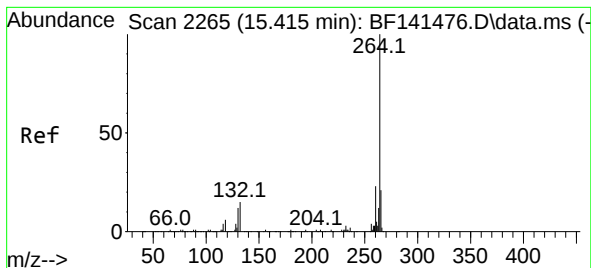
Lab File: BF141529.D

Acq: 08 Feb 2025 00:47

Tgt Ion:149 Resp: 10071

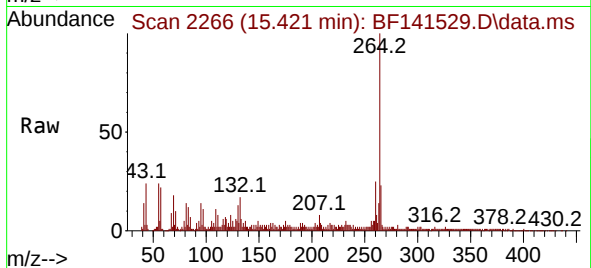
Ion	Ratio	Lower	Upper
149	100		
167	32.6	21.4	32.0#
279	8.5	3.1	4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

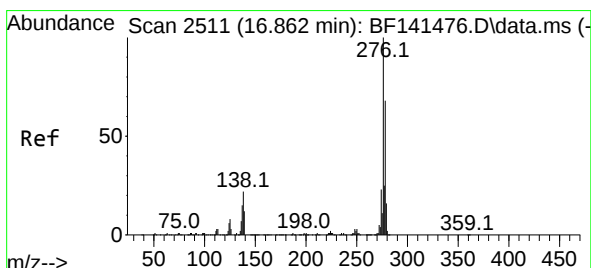
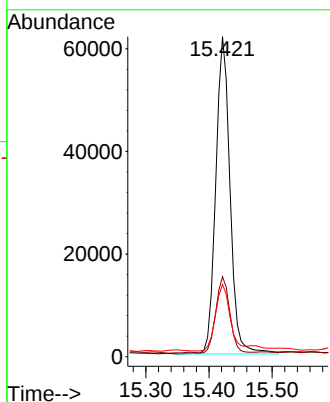
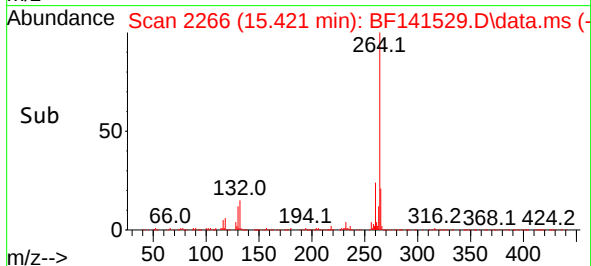
Instrument :
BNA_F
ClientSampleId :
JPP-51.2-012925



Tgt Ion:264 Resp: 97428
Ion Ratio Lower Upper
264 100
260 25.0 18.6 28.0
265 22.6 17.0 25.4

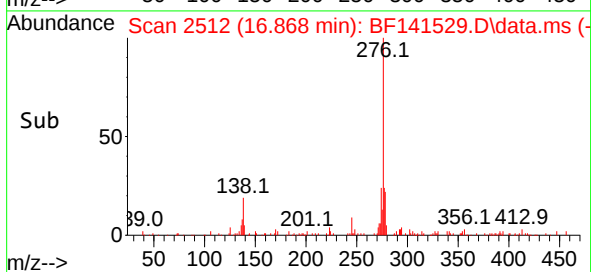
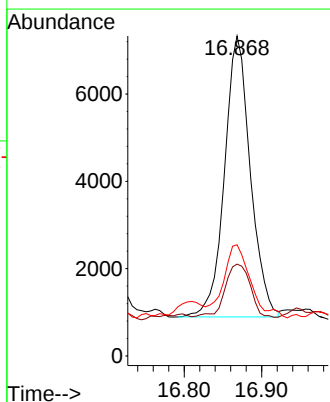
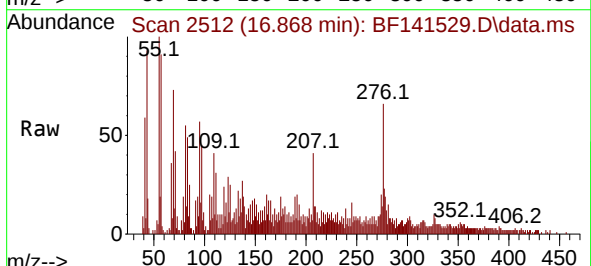
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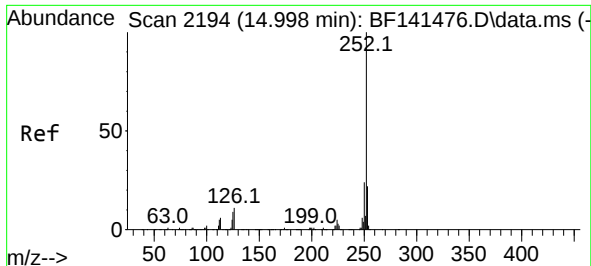
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.479 ng
RT: 16.868 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

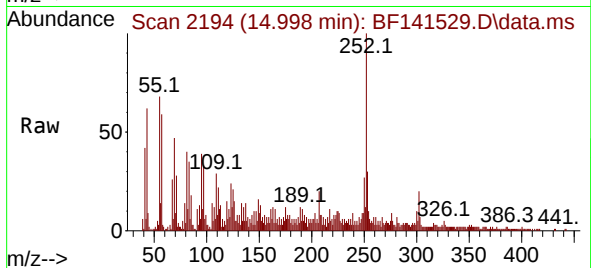
Tgt Ion:276 Resp: 14925
Ion Ratio Lower Upper
276 100
138 18.3 18.0 27.0
277 27.3 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 6.148 ng m
RT: 14.998 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

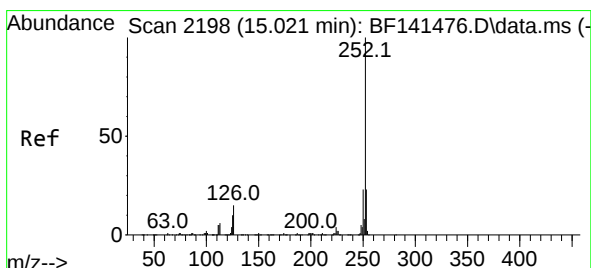
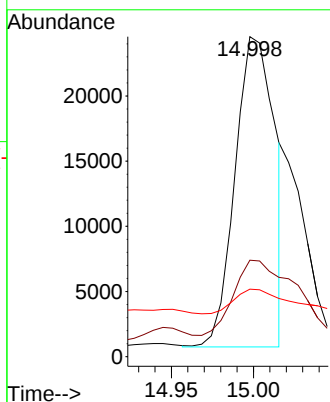
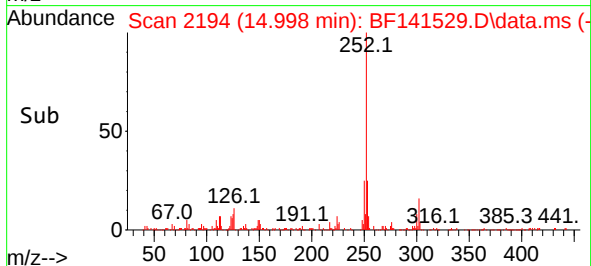
Instrument :
BNA_F
ClientSampleId :
JPP-51.2-012925



Tgt Ion:252 Resp: 4022
Ion Ratio Lower Upper
252 100
253 30.2 17.5 26.3
125 21.1 7.0 10.6

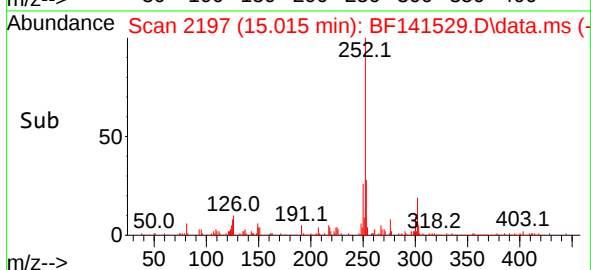
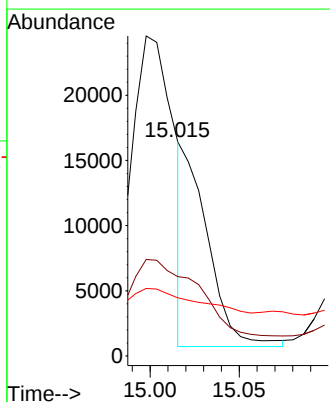
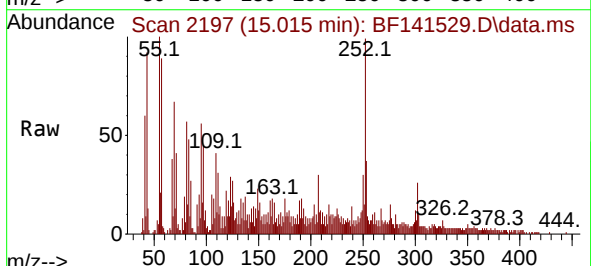
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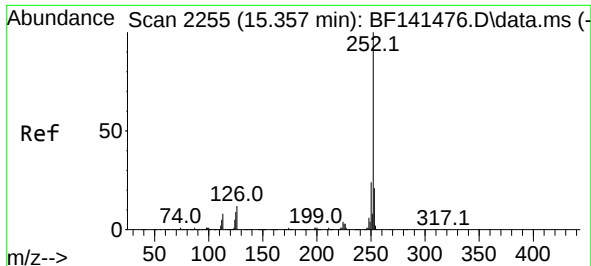
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#89
Benzo(k)fluoranthene
Concen: 2.664 ng m
RT: 15.015 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

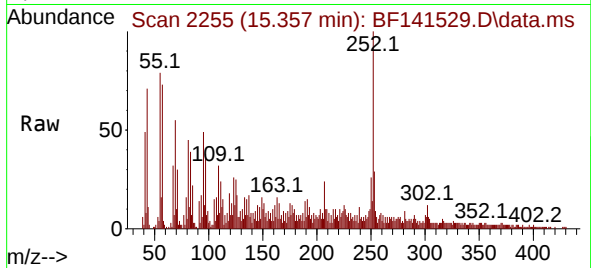
Tgt Ion:252 Resp: 14880
Ion Ratio Lower Upper
252 100
253 37.0 18.0 27.0#
125 27.2 7.4 11.0#





#90
Benzo(a)pyrene
Concen: 5.712 ng
RT: 15.357 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

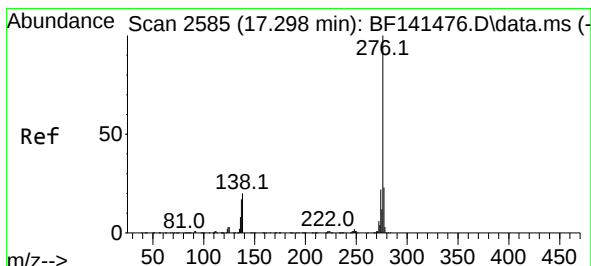
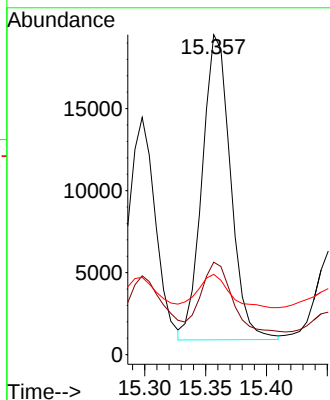
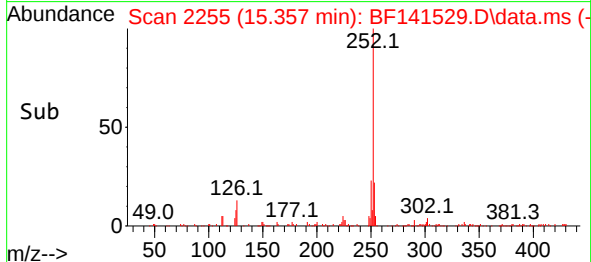
Instrument :
BNA_F
ClientSampleId :
JPP-51.2-012925



Tgt Ion:252 Resp: 30235
Ion Ratio Lower Upper
252 100
253 28.9 17.1 25.7
125 25.1 7.4 11.2

Manual Integrations
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Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#92
Benzo(g,h,i)perylene
Concen: 3.408 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BF141529.D
Acq: 08 Feb 2025 00:47

Tgt Ion:276 Resp: 17394
Ion Ratio Lower Upper
276 100
277 32.6 18.6 28.0#
138 25.3 15.9 23.9#

