

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141891.D
 Acq On : 07 Mar 2025 13:28
 Operator : RC/JU
 Sample : Q1518-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS-COMP

Quant Time: Mar 07 13:53:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/10/2025
 Supervised By :Jagrut Upadhyay 03/10/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	131534	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	475159	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	224480	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	359640	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	347689	20.000	ng	0.00
86) Perylene-d12	15.539	264	297803	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	143397	17.410	ng	0.00
7) Phenol-d6	6.493	99	183883	17.153	ng	-0.02
23) Nitrobenzene-d5	7.440	82	113945	15.328	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	41298	19.596	ng	-0.02
45) 2-Fluorobiphenyl	9.234	172	216904	15.493	ng	-0.01
79) Terphenyl-d14	12.986	244	230030	10.704	ng	-0.01
Target Compounds						Qvalue
74) Di-n-butylphthalate	11.963	149	110967	5.142	ng	99
75) Fluoranthene	12.616	202	116675	5.919	ng	94
78) Pyrene	12.845	202	108448m	3.602	ng	
81) Benzo(a)anthracene	14.039	228	56265	2.450	ng	# 88
83) Chrysene	14.074	228	53953	2.549	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.033	149	220324	16.176	ng	# 89

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

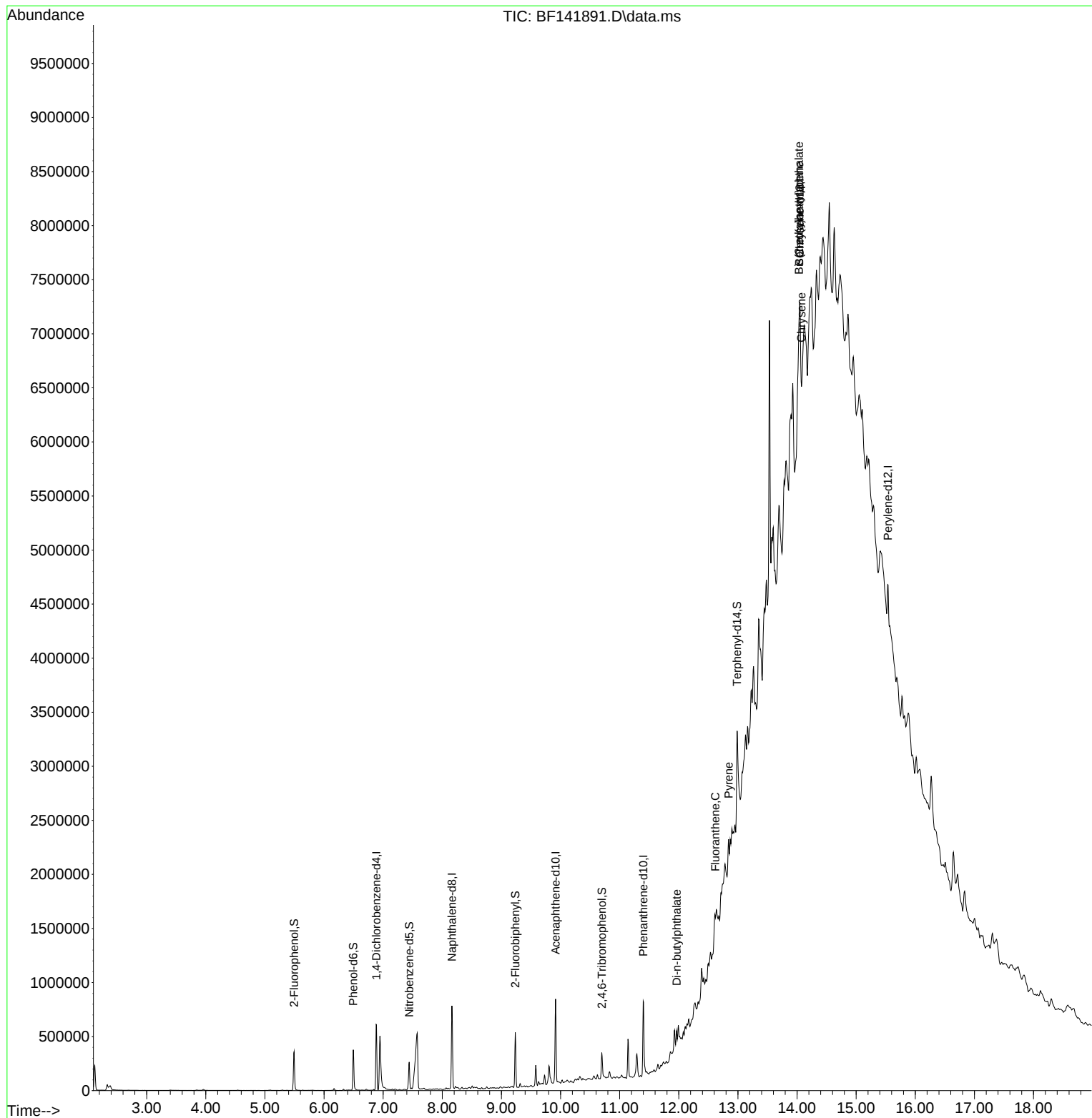
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
Data File : BF141891.D
Acq On : 07 Mar 2025 13:28
Operator : RC/JU
Sample : Q1518-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

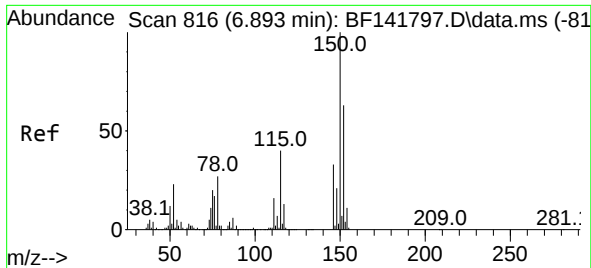
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP

Quant Time: Mar 07 13:53:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
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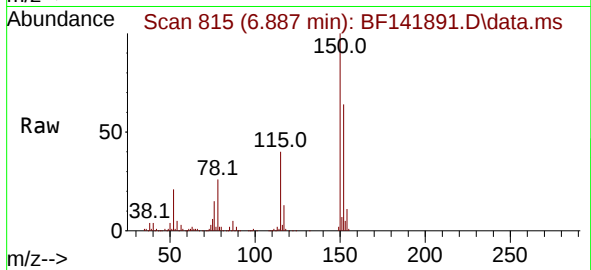
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28

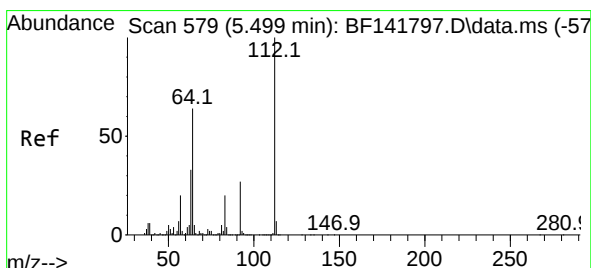
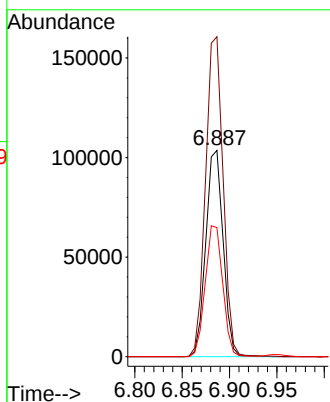
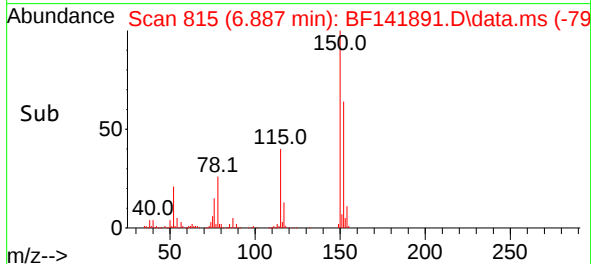
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP



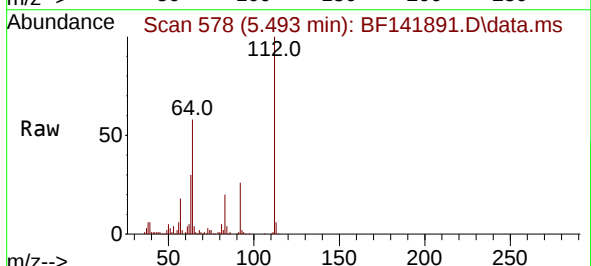
Tgt Ion:152 Resp: 131534
Ion Ratio Lower Upper
152 100
150 155.1 127.5 191.3
115 62.6 51.4 77.2

Manual Integrations
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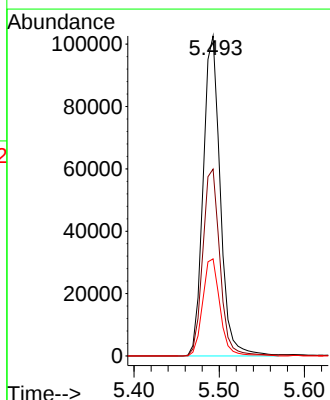
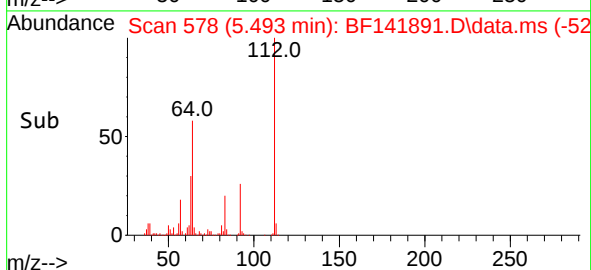
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#5
2-Fluorophenol
Concen: 17.410 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28



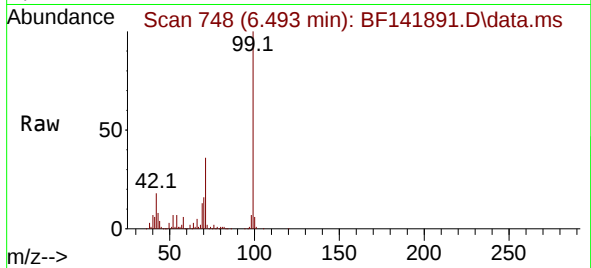
Tgt Ion:112 Resp: 143397
Ion Ratio Lower Upper
112 100
64 58.4 51.3 76.9
63 30.4 26.2 39.4





#7
Phenol-d6
Concen: 17.153 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28

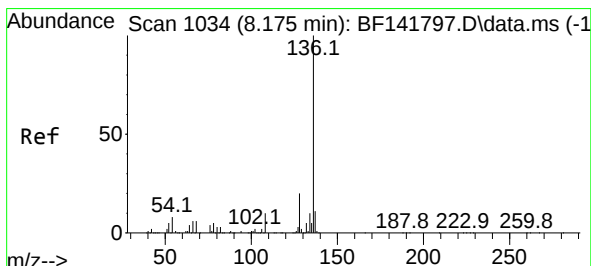
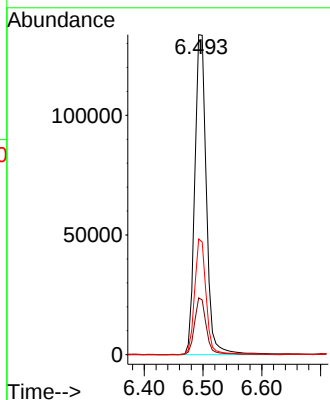
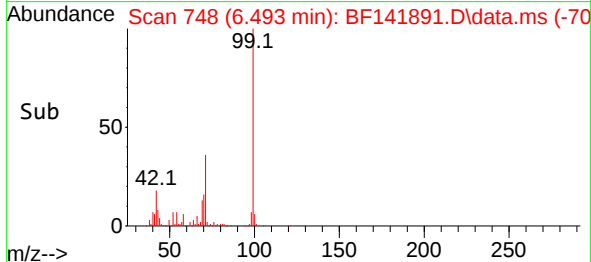
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP



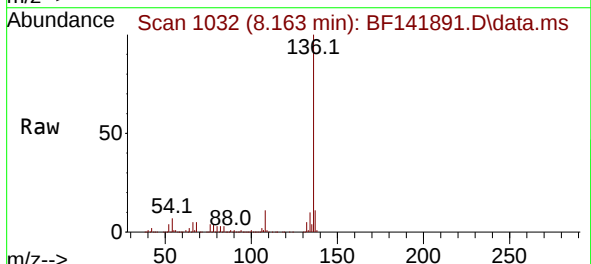
Tgt Ion: 99 Resp: 18388
Ion Ratio Lower Upper
99 100
42 17.8 15.2 22.8
71 36.2 28.2 42.2

Manual Integrations
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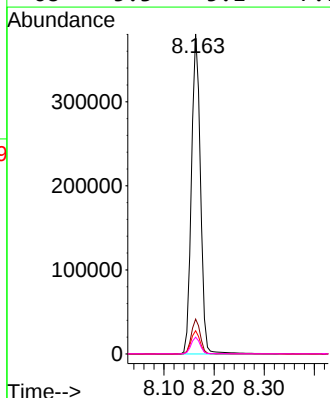
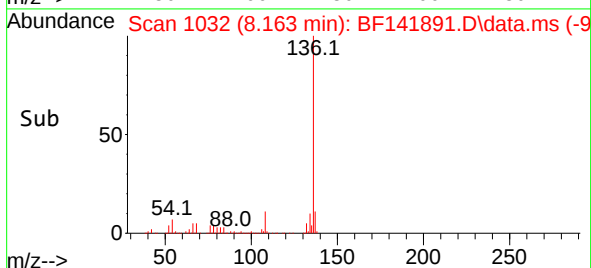
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28



Tgt Ion:136 Resp: 475159
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.2 6.9 10.3
68 5.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 15.328 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF141891.D

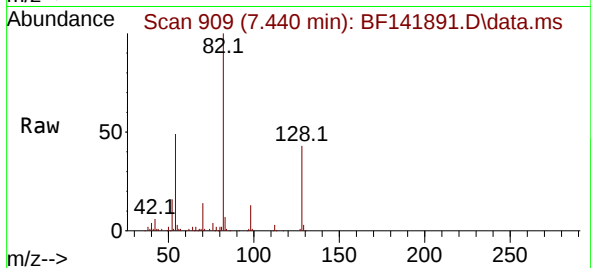
Acq: 07 Mar 2025 13:28

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP



Tgt Ion: 82 Resp: 11394

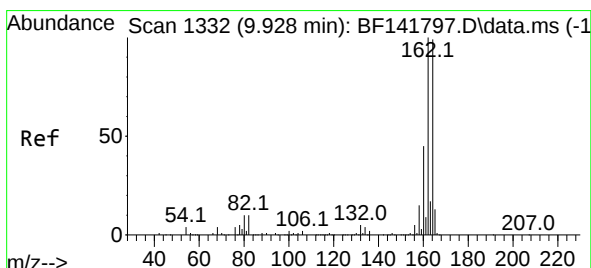
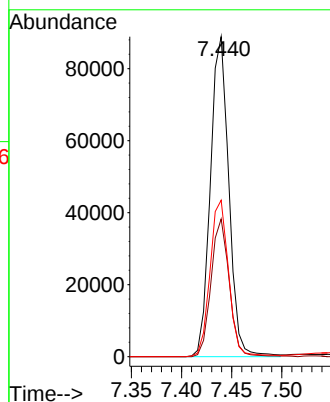
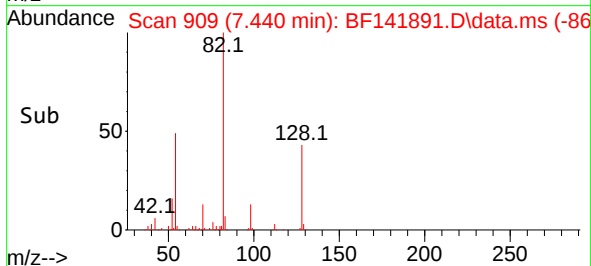
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.5	50.3
54	48.9	42.7	64.1

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

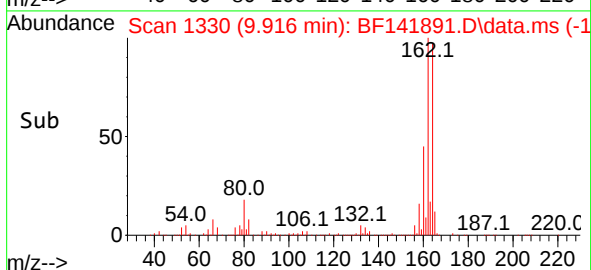
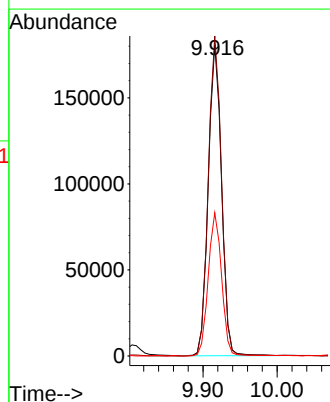
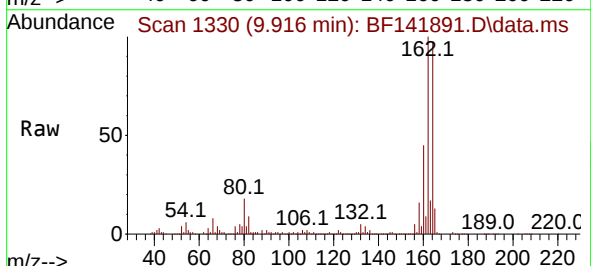
Delta R.T. -0.012 min

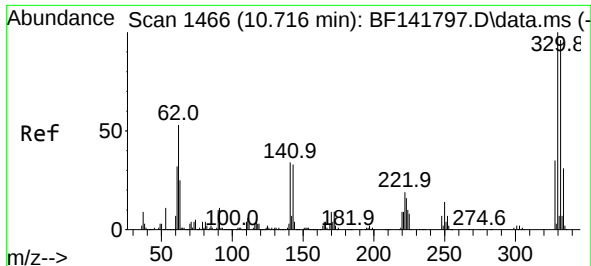
Lab File: BF141891.D

Acq: 07 Mar 2025 13:28

Tgt Ion:164 Resp: 224480

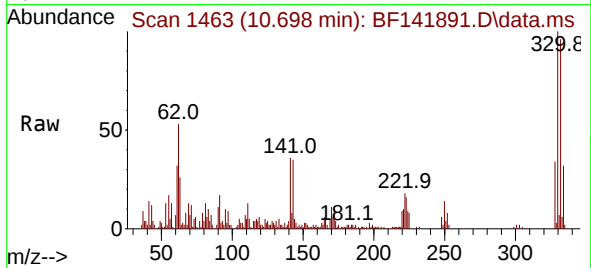
Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	46.0	36.3	54.5





#42
2,4,6-Tribromophenol
Concen: 19.596 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28

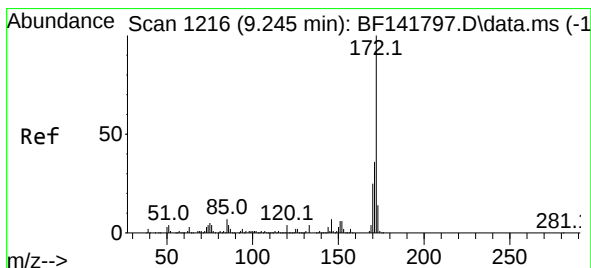
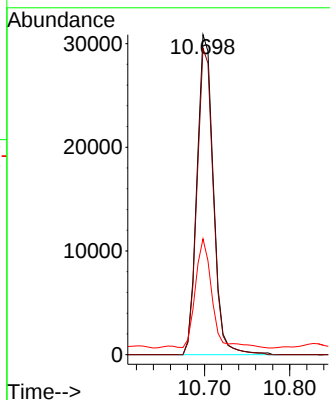
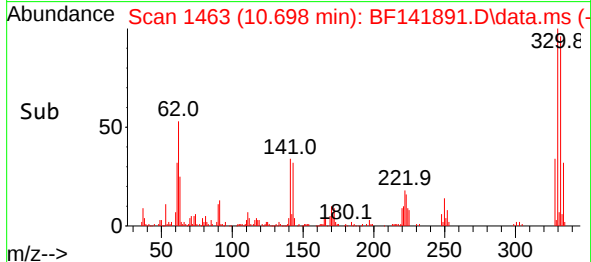
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP



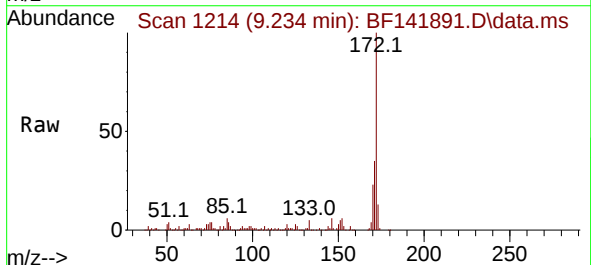
Tgt Ion:330 Resp: 41298
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 34.3 29.0 43.4

Manual Integrations
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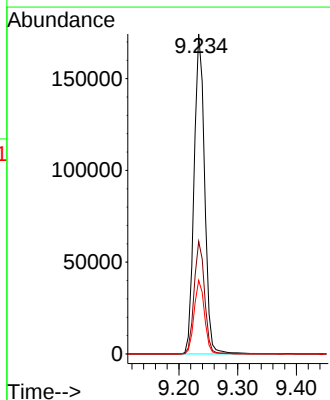
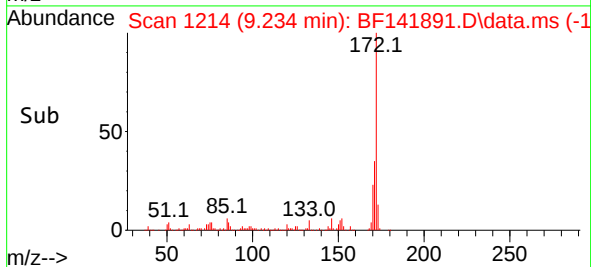
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

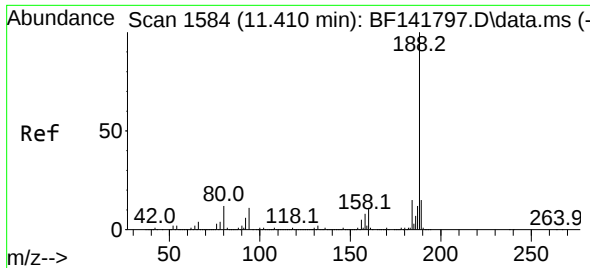


#45
2-Fluorobiphenyl
Concen: 15.493 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28



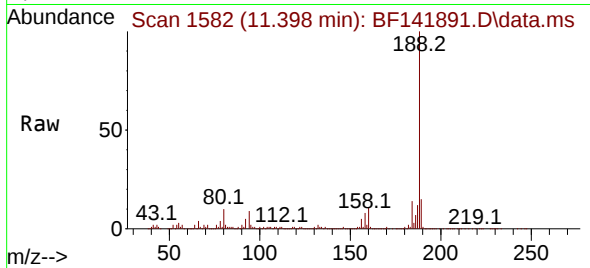
Tgt Ion:172 Resp: 216904
Ion Ratio Lower Upper
172 100
171 35.2 29.2 43.8
170 23.0 19.7 29.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28

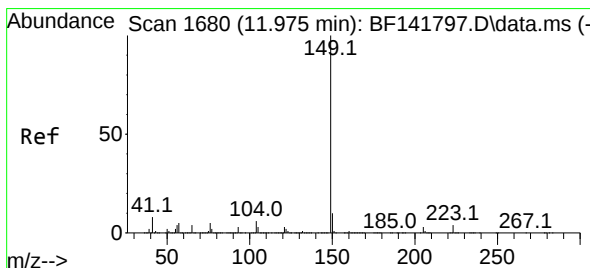
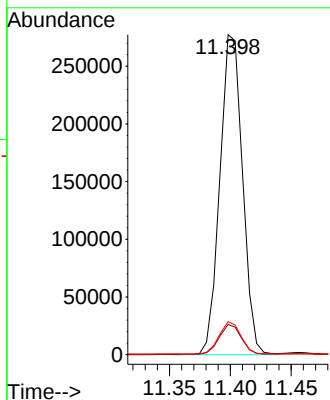
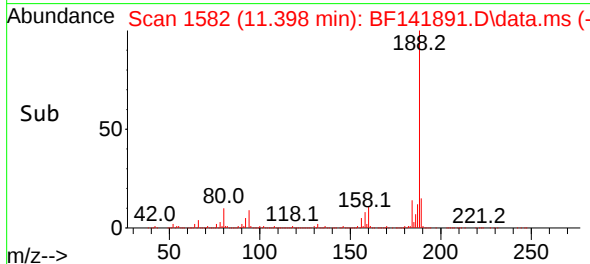
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP



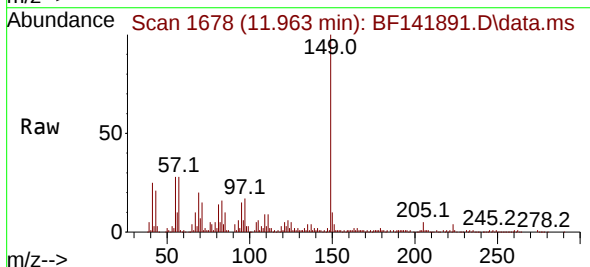
Tgt Ion:188 Resp: 359640
Ion Ratio Lower Upper
188 100
94 9.5 8.9 13.3
80 10.3 9.7 14.5

Manual Integrations
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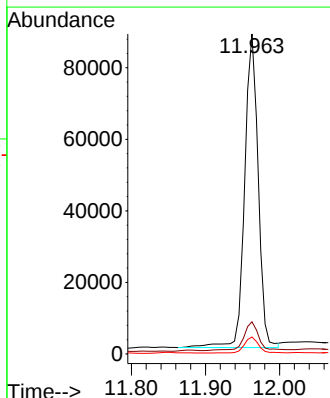
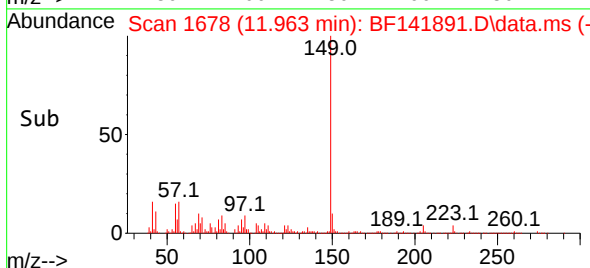
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

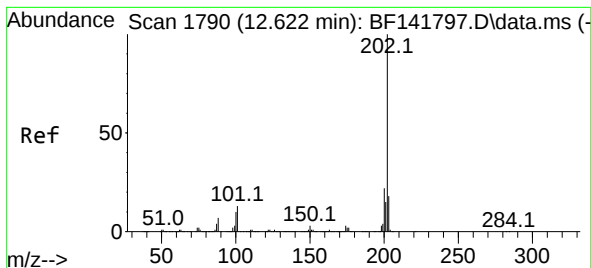


#74
Di-n-butylphthalate
Concen: 5.142 ng
RT: 11.963 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28



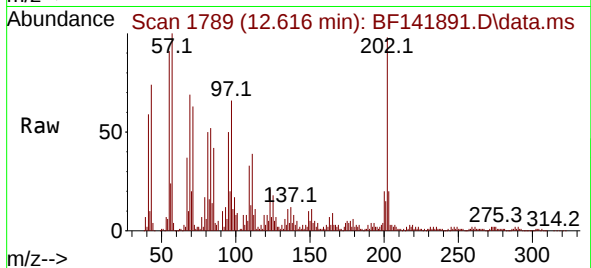
Tgt Ion:149 Resp: 110967
Ion Ratio Lower Upper
149 100
150 10.1 7.7 11.5
104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 5.919 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28

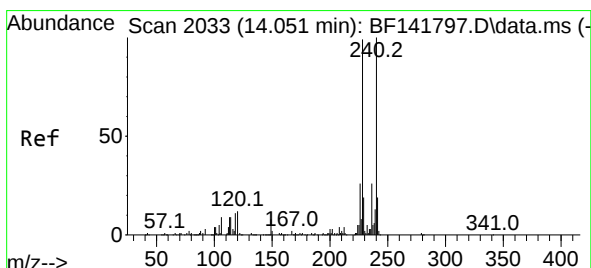
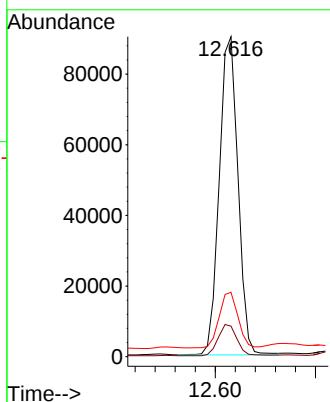
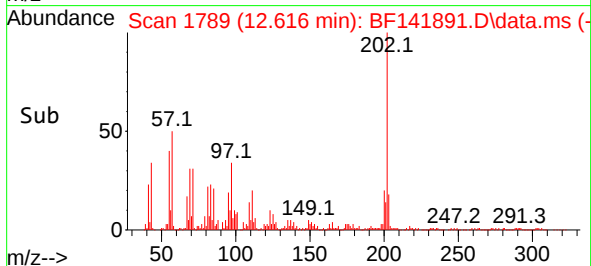
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP



Tgt Ion:202 Resp: 116679
Ion Ratio Lower Upper
202 100
101 9.6 0.0 32.8
203 20.1 0.0 38.0

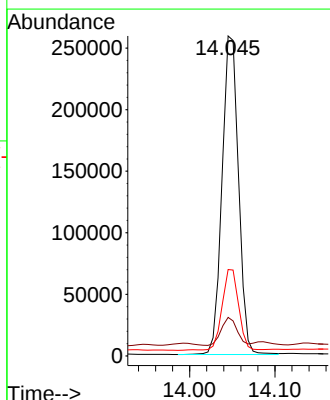
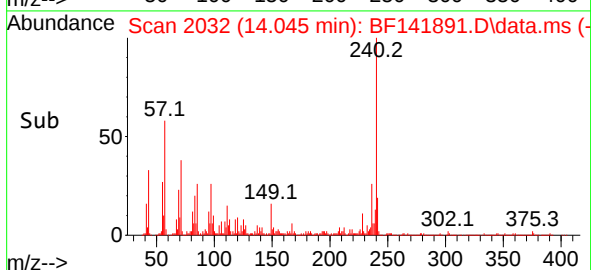
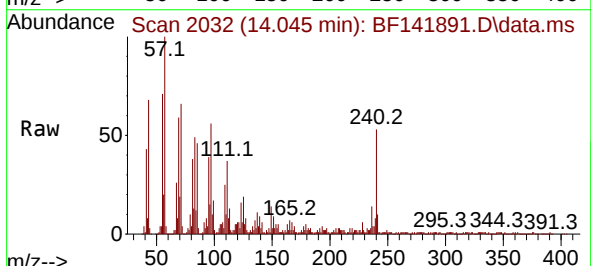
Manual Integrations
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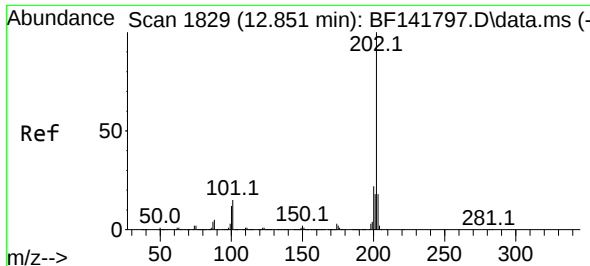
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28

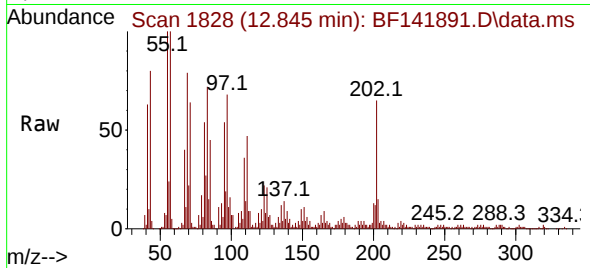
Tgt Ion:240 Resp: 347689
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 27.0 21.0 31.4





#78
Pyrene
Concen: 3.602 ng m
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28

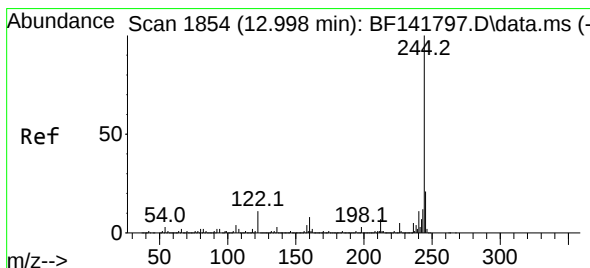
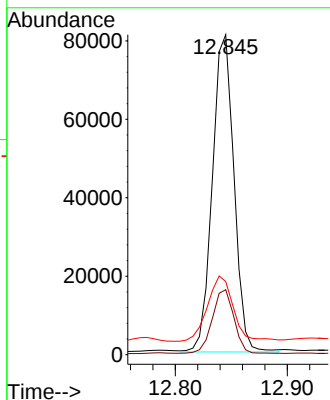
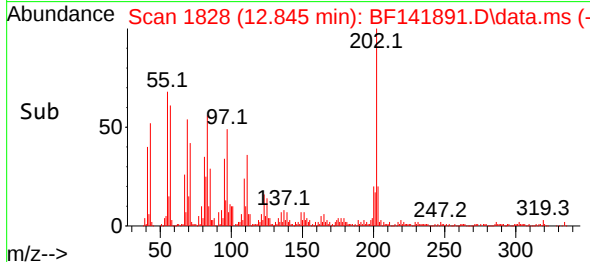
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMP



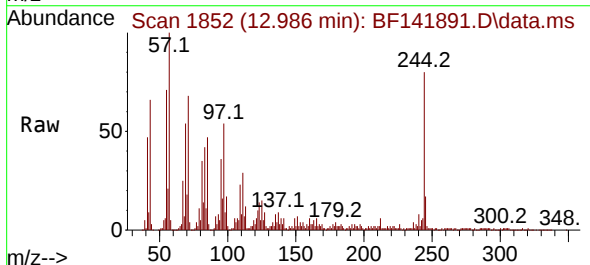
Tgt Ion:202 Resp: 108448
Ion Ratio Lower Upper
202 100
200 20.3 17.4 26.0
203 22.8 14.6 22.0

Manual Integrations
APPROVED

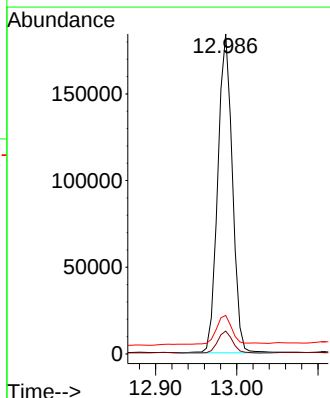
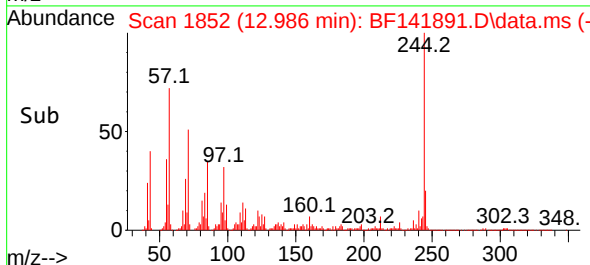
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

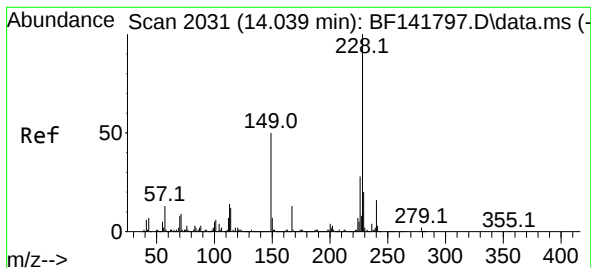


#79
Terphenyl-d14
Concen: 10.704 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.012 min
Lab File: BF141891.D
Acq: 07 Mar 2025 13:28



Tgt Ion:244 Resp: 230030
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.0 9.0 13.6





#81

Benzo(a)anthracene

Concen: 2.450 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF141891.D

Acq: 07 Mar 2025 13:28

Instrument :

BNA_F

ClientSampleId :

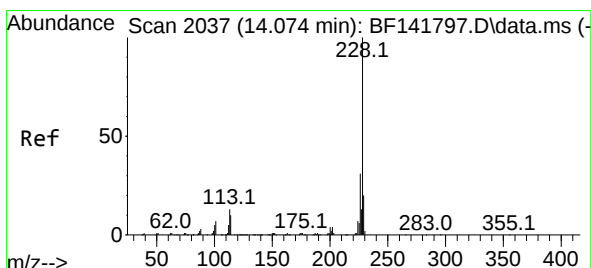
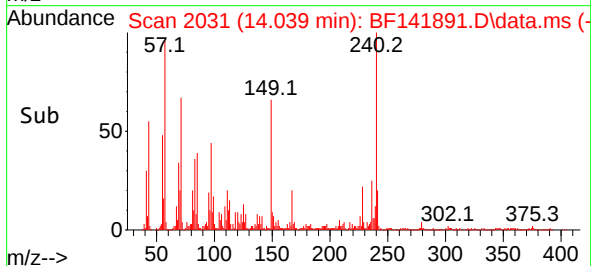
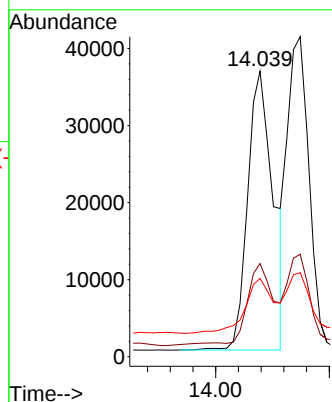
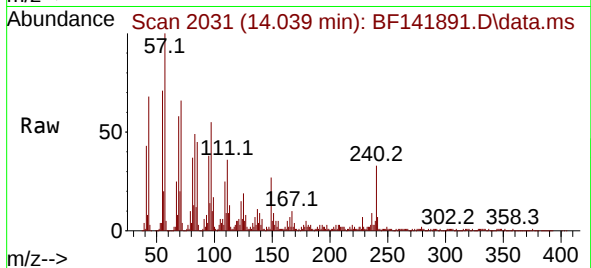
OILY-DEBRIS-COMP

Tgt Ion:228 Resp: 5626
 Ion Ratio Lower Upper
 228 100
 226 32.7 22.1 33.1
 229 27.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025
 Supervised By :Jagrut Upadhyay 03/10/2025



#83

Chrysene

Concen: 2.549 ng

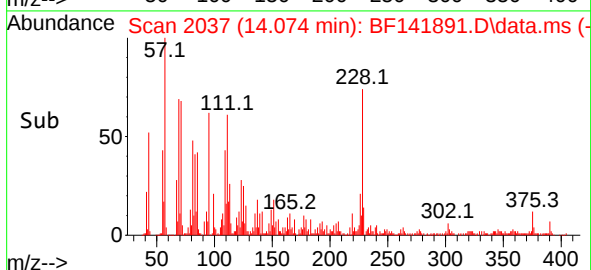
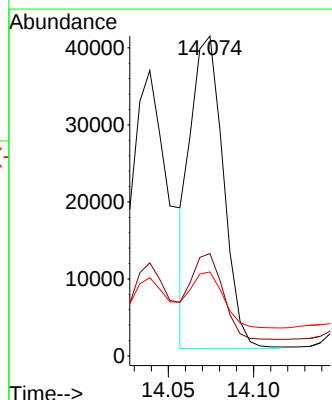
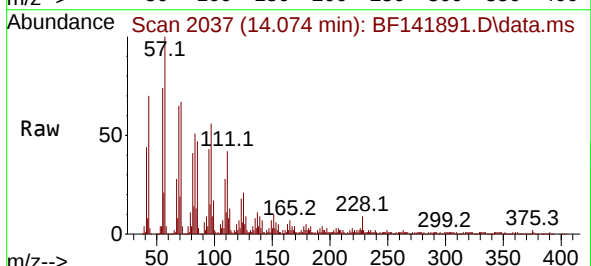
RT: 14.074 min Scan# 2037

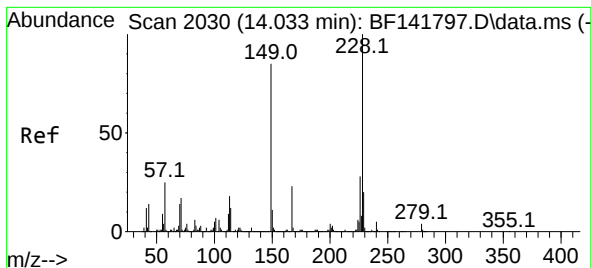
Delta R.T. -0.000 min

Lab File: BF141891.D

Acq: 07 Mar 2025 13:28

Tgt Ion:228 Resp: 53953
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.6 37.0
 229 26.2 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 16.176 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF141891.D

Acq: 07 Mar 2025 13:28

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS-COMP

Tgt Ion:149 Resp: 220324

Ion Ratio Lower Upper

149 100

167 32.8 21.2 31.8

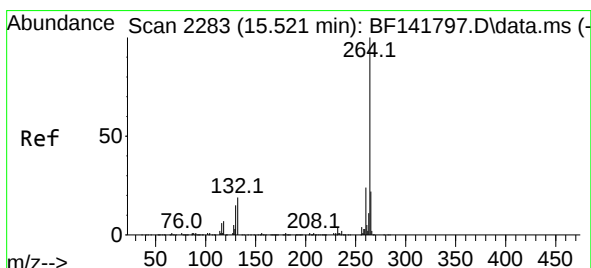
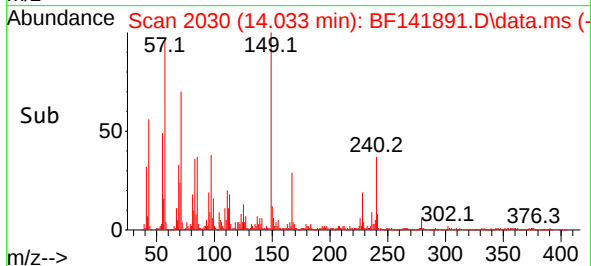
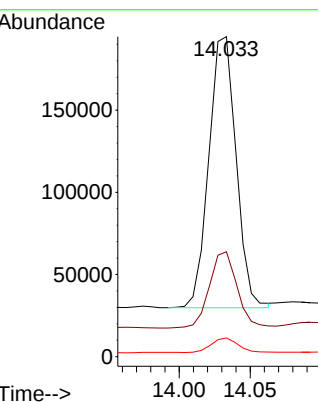
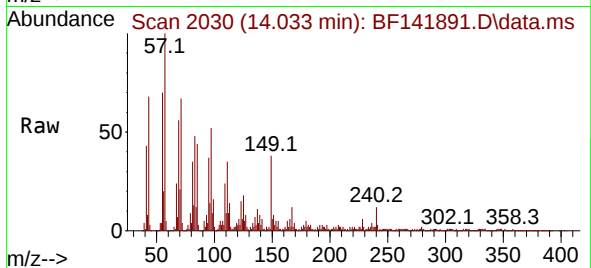
279 5.8 3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.018 min

Lab File: BF141891.D

Acq: 07 Mar 2025 13:28

Tgt Ion:264 Resp: 297803

Ion Ratio Lower Upper

264 100

260 24.6 18.9 28.3

265 22.7 17.4 26.0

