

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133360.D
 Acq On : 11 May 2023 18:09
 Operator : CG\JU
 Sample : 02744--01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-OILYWATER

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

Quant Time: May 12 05:28:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	152275	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	321185	20.000	ng	# 0.00
39) Acenaphthene-d10	9.769	164	654494	20.000	ng	0.01
64) Phenanthrene-d10	11.239	188	475302	20.000	ng	0.00
76) Chrysene-d12	13.874	240	382087	20.000	ng	0.00
86) Perylene-d12	15.292	264	479140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	100920m	10.012	ng	0.01
7) Phenol-d6	6.381	99	507490	40.561	ng	0.01
23) Nitrobenzene-d5	7.287	82	702867	118.121	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	180679	27.450	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1300917	33.254	ng	0.01
79) Terphenyl-d14	12.821	244	891022	40.219	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.398	94	1112885	80.627	ng	97
15) Benzyl Alcohol	6.892	79	191420	22.148	ng	99
20) 3+4-Methylphenols	7.151	107	712393m	64.547	ng	
22) Acetophenone	7.134	105	53622	7.207	ng	# 95
37) 2-Methylnaphthalene	8.739	142	63978	5.828	ng	93
38) 1-Methylnaphthalene	8.833	142	44622	4.345	ng	100

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

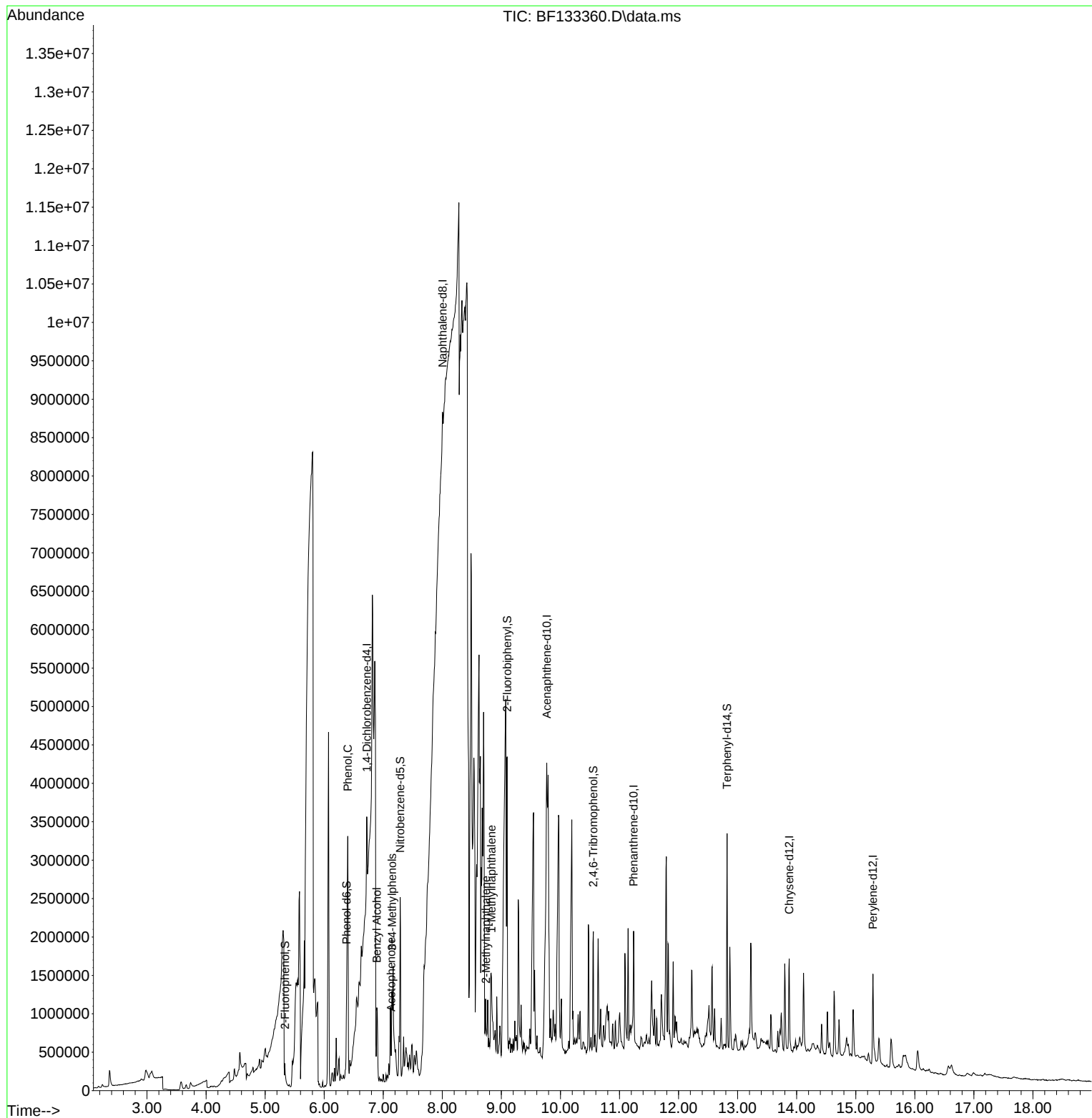
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
Data File : BF133360.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

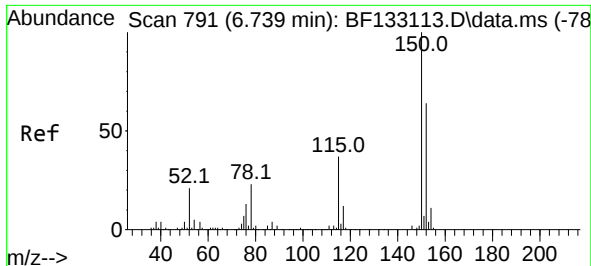
Instrument :
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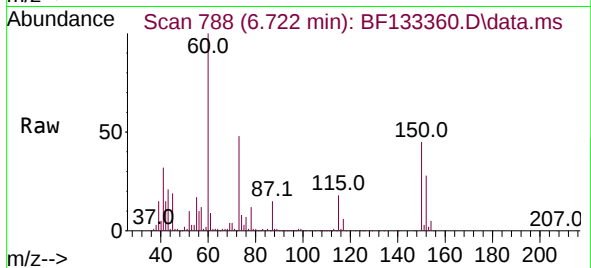
Reviewed By : Christian Giraldo 05/12/2023
Supervised By : Jagrut Upadhyay 05/15/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

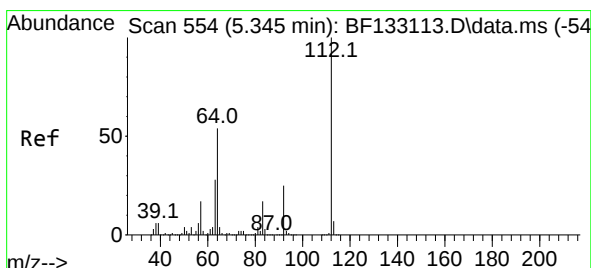
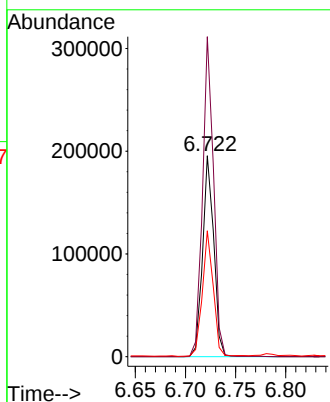
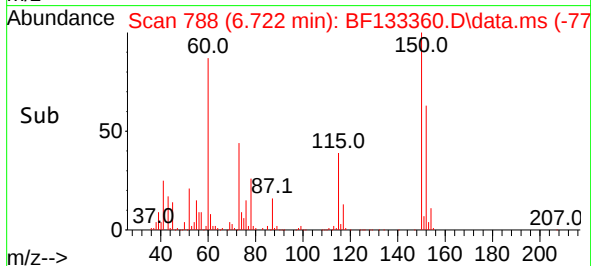
Instrument :
BNA_F
ClientSampleId :
PL-OILYWATER



Tgt Ion:152 Resp: 152275
Ion Ratio Lower Upper
152 100
150 159.3 124.8 187.2
115 62.7 49.9 74.9

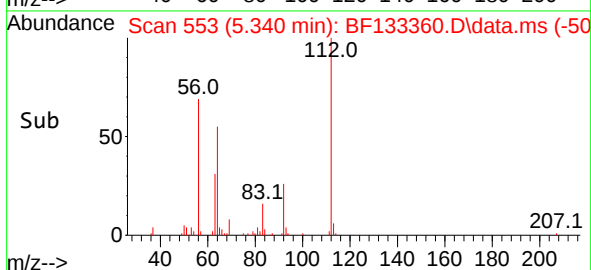
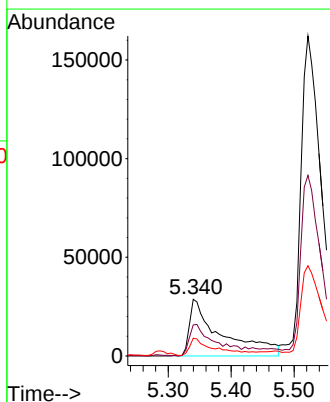
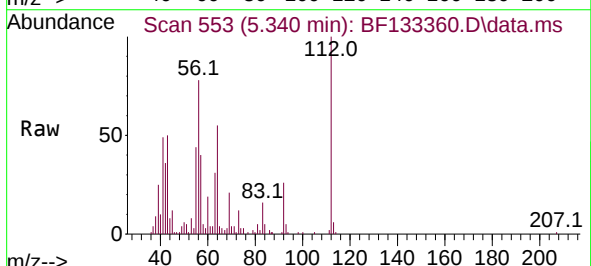
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Supervised By :Jagrut Upadhyay 05/15/2023



#5
2-Fluorophenol
Concen: 10.012 ng m
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

Tgt Ion:112 Resp: 100920
Ion Ratio Lower Upper
112 100
64 54.6 46.8 70.2
63 31.4 23.8 35.8





#7

Phenol-d6

Concen: 40.561 ng

RT: 6.381 min Scan# 730

Delta R.T. 0.012 min

Lab File: BF133360.D

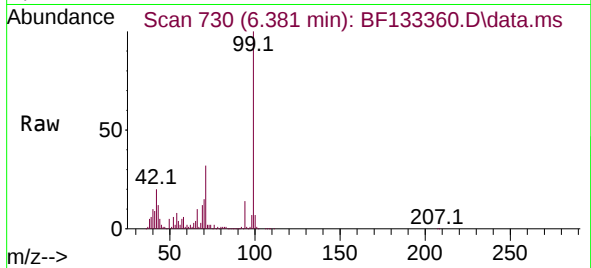
Acq: 11 May 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PL-OILYWATER



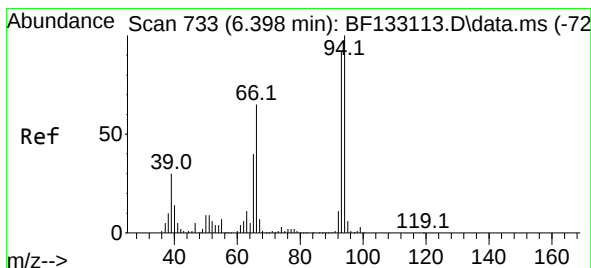
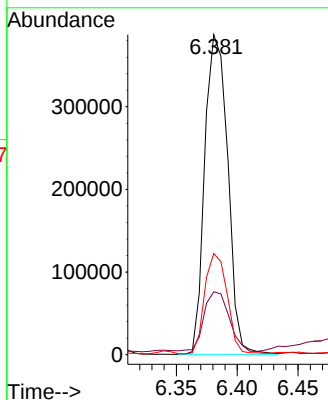
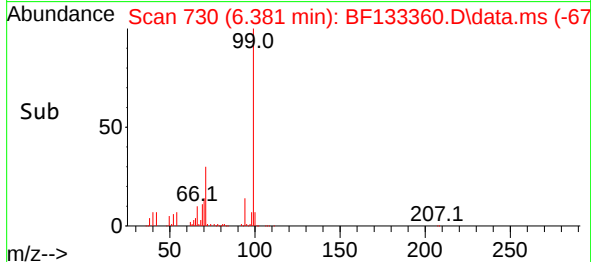
Tgt Ion: 99 Resp: 507490

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.3	24.5
71	31.6	25.6	38.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/15/2023



#10

Phenol

Concen: 80.627 ng

RT: 6.398 min Scan# 733

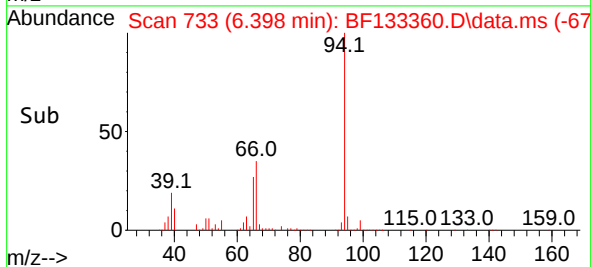
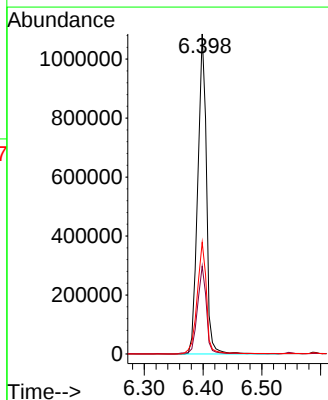
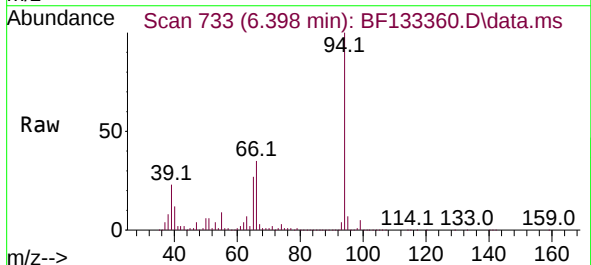
Delta R.T. 0.018 min

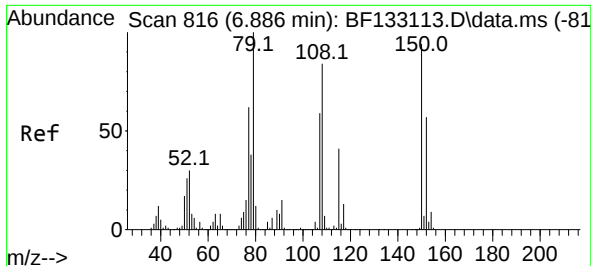
Lab File: BF133360.D

Acq: 11 May 2023 18:09

Tgt Ion: 94 Resp: 1112885

Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.6	48.6
66	34.9	17.3	57.3





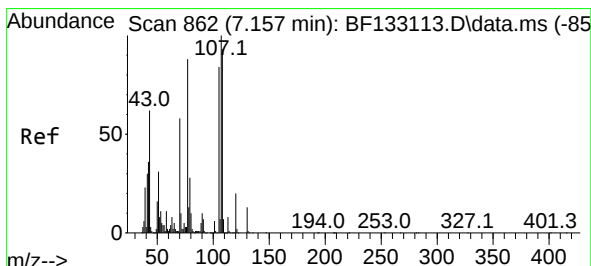
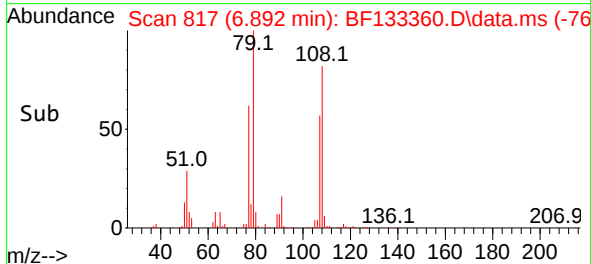
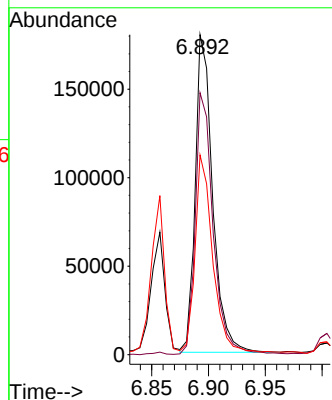
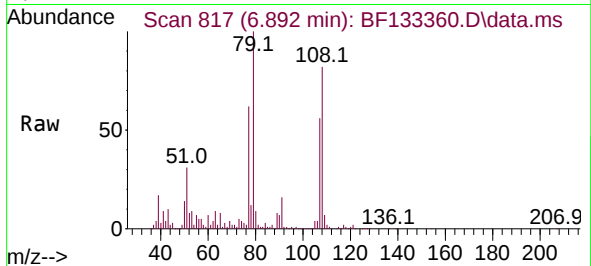
#15
Benzyl Alcohol
Concen: 22.148 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.024 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PL-OILYWATER

Tgt Ion: 79 Resp: 191420
Ion Ratio Lower Upper
79 100
108 81.9 66.6 99.8
77 62.4 49.2 73.8

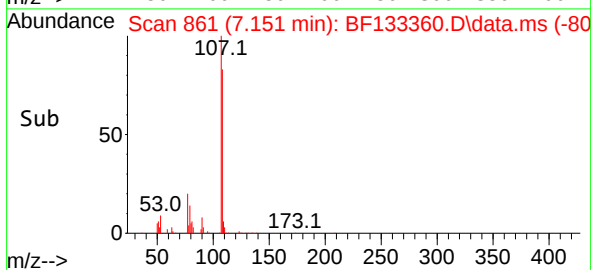
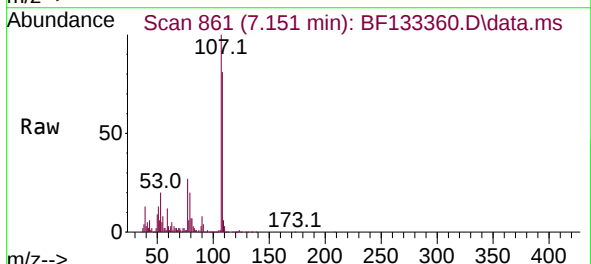
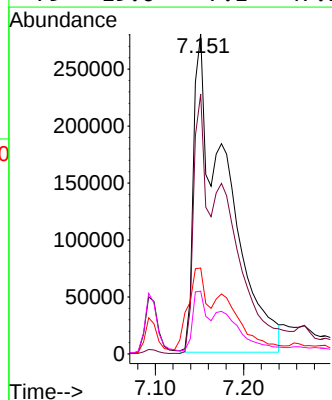
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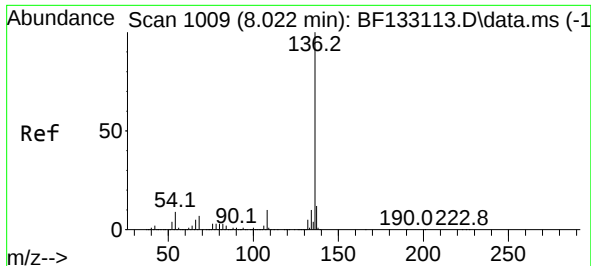
Reviewed By :Christian Giraldo 05/12/2023
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#20
3+4-Methylphenols
Concen: 64.547 ng m
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

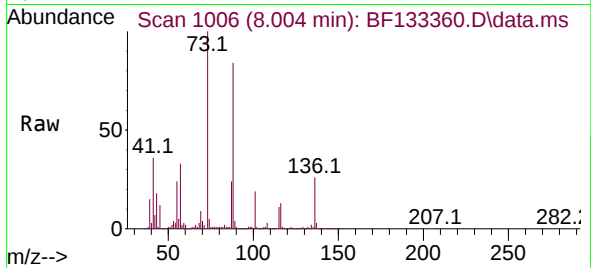
Tgt Ion:107 Resp: 712393
Ion Ratio Lower Upper
107 100
108 81.2 70.5 110.5
77 26.9 91.7 131.7#
79 19.6 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

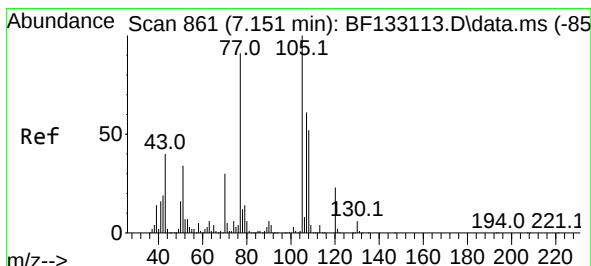
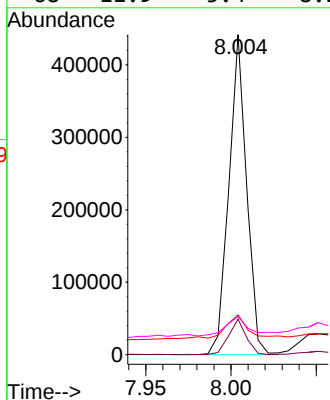
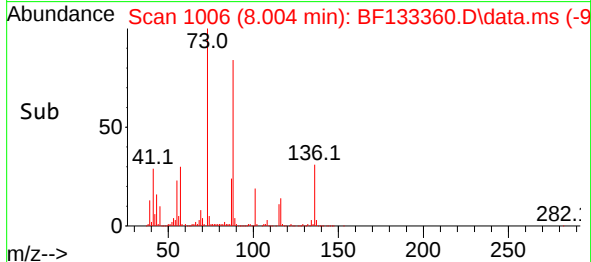
Instrument :
BNA_F
ClientSampleId :
PL-OILYWATER



Tgt Ion:136 Resp: 32118
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 12.5 7.0 10.4
68 11.9 5.4 8.2

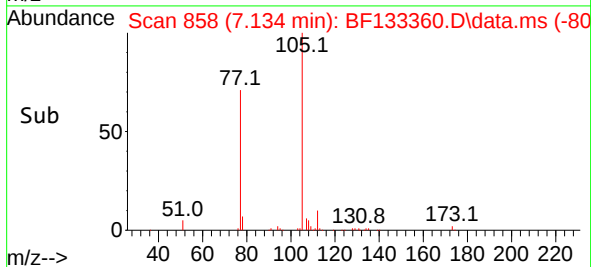
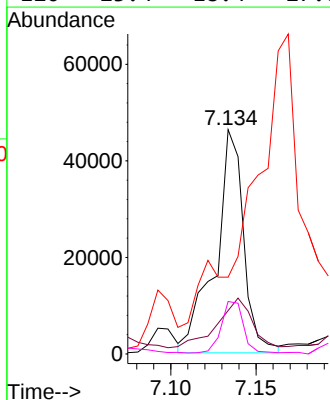
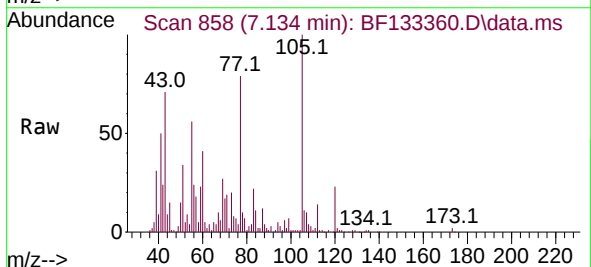
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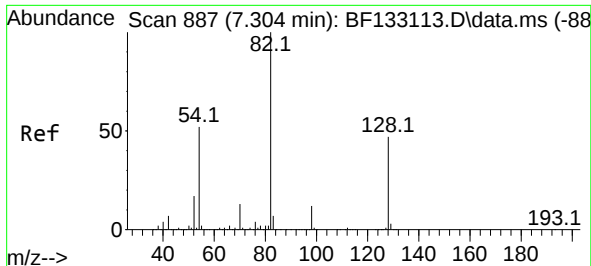
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#22
Acetophenone
Concen: 7.207 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

Tgt Ion:105 Resp: 53622
Ion Ratio Lower Upper
105 100
71 19.3 4.6 7.0
51 34.3 28.2 42.2
120 23.4 18.4 27.6





#23

Nitrobenzene-d5

Concen: 118.121 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133360.D

Acq: 11 May 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PL-OILYWATER

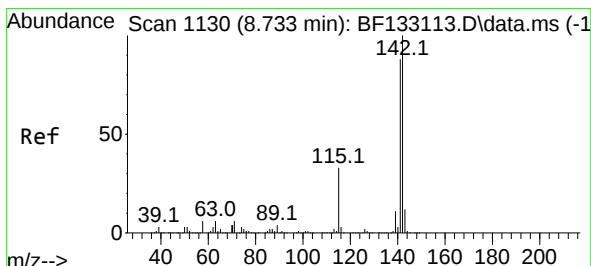
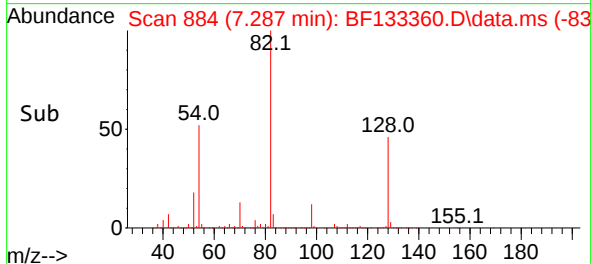
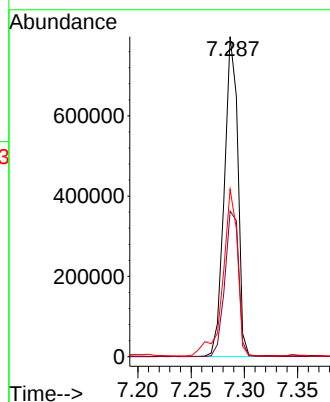
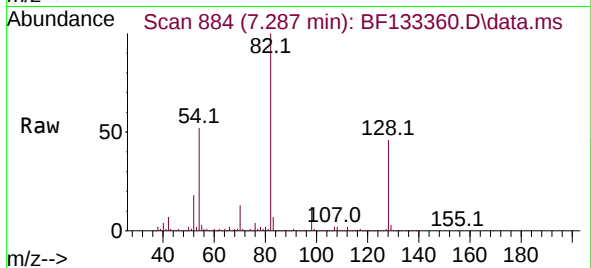
Tgt Ion: 82 Resp: 70286

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.7	56.5
54	52.3	43.0	64.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/15/2023



#37

2-Methylnaphthalene

Concen: 5.828 ng

RT: 8.739 min Scan# 1131

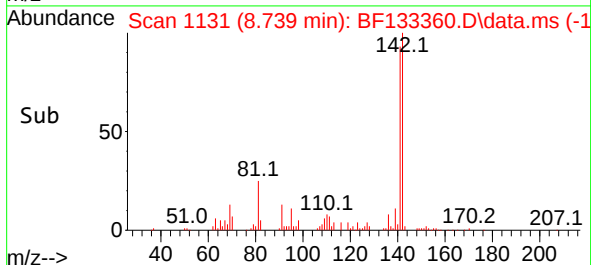
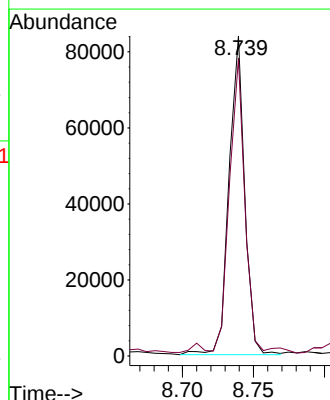
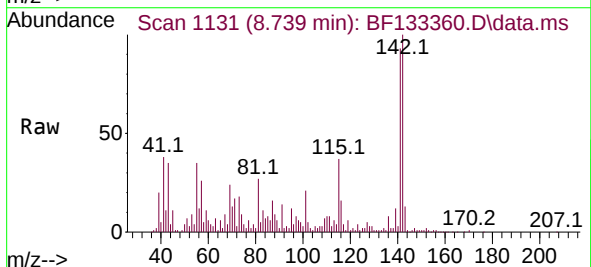
Delta R.T. 0.018 min

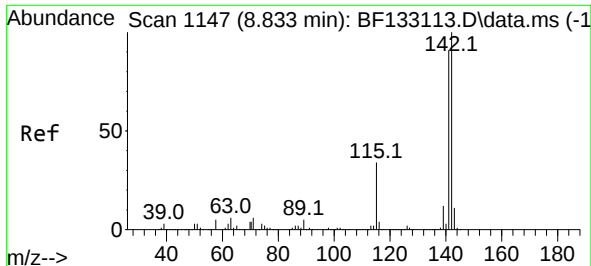
Lab File: BF133360.D

Acq: 11 May 2023 18:09

Tgt Ion:142 Resp: 63978

Ion	Ratio	Lower	Upper
142	100		
141	93.0	69.4	104.0





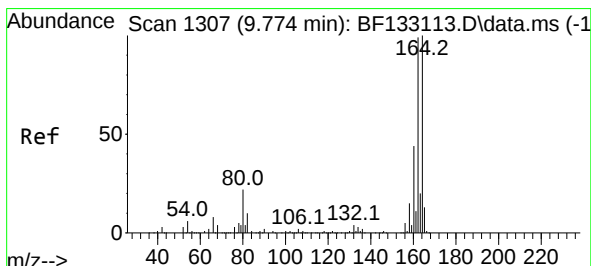
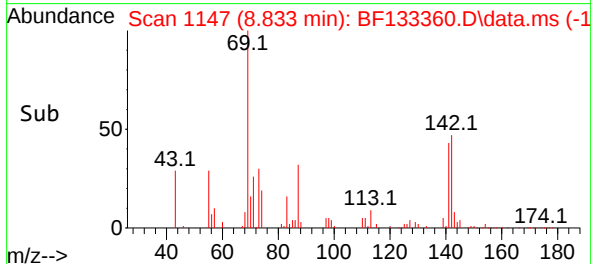
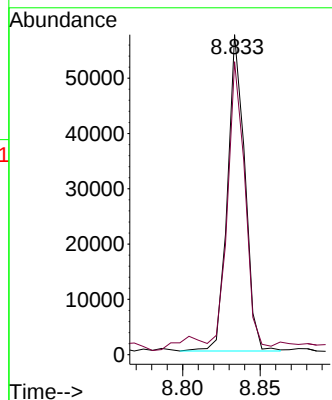
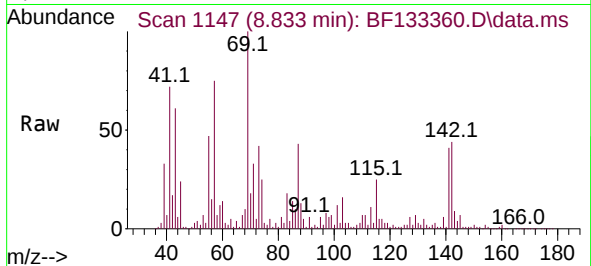
#38
1-Methylnaphthalene
Concen: 4.345 ng
RT: 8.833 min Scan# 1147
Delta R.T. 0.012 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PL-OILYWATER

Tgt Ion:142 Resp: 4462
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7

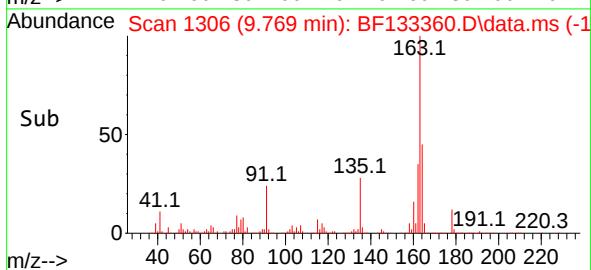
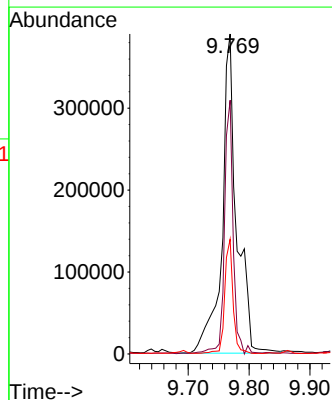
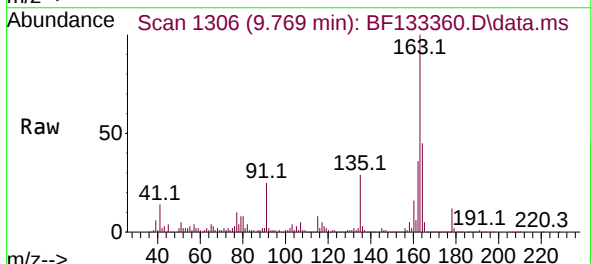
Manual Integrations
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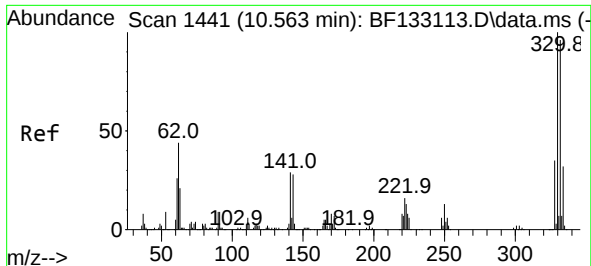
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.012 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

Tgt Ion:164 Resp: 654494
Ion Ratio Lower Upper
164 100
162 79.3 78.7 118.1
160 35.9 35.8 53.6





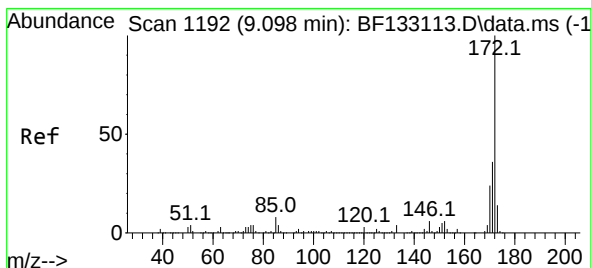
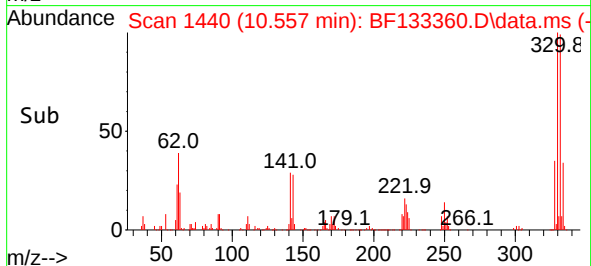
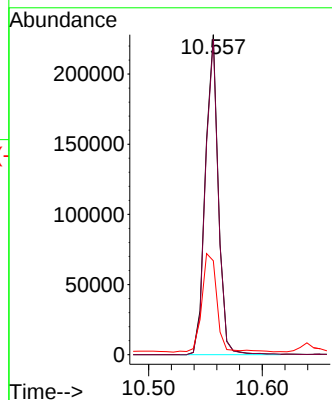
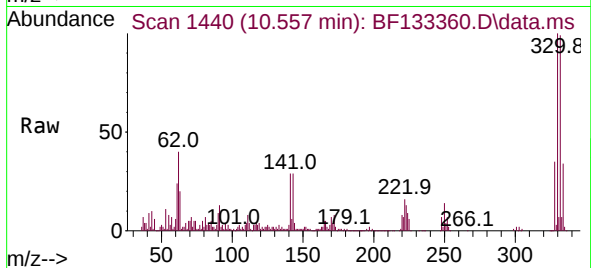
#42
2,4,6-Tribromophenol
Concen: 27.450 ng
RT: 10.557 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PL-OILYWATER

Tgt Ion:330 Resp: 180679
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 36.1 25.8 38.8

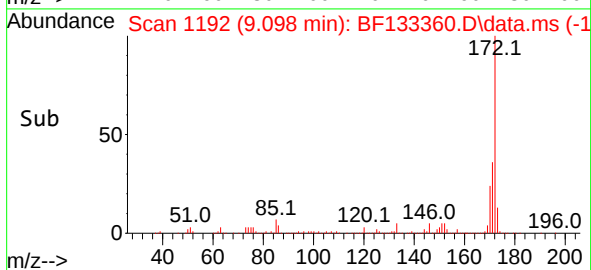
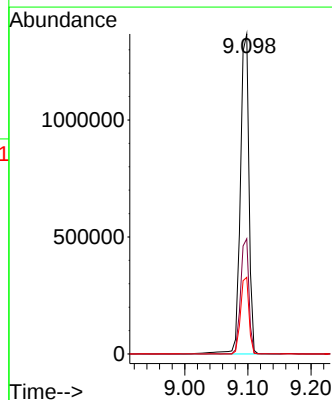
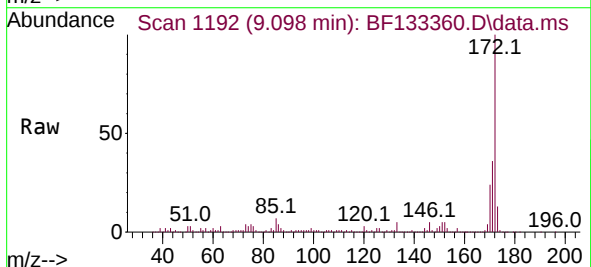
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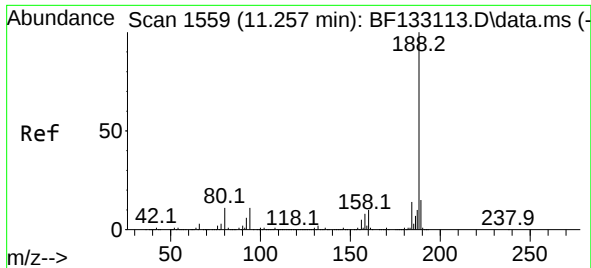
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#45
2-Fluorobiphenyl
Concen: 33.254 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

Tgt Ion:172 Resp: 1300917
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.0 19.4 29.2





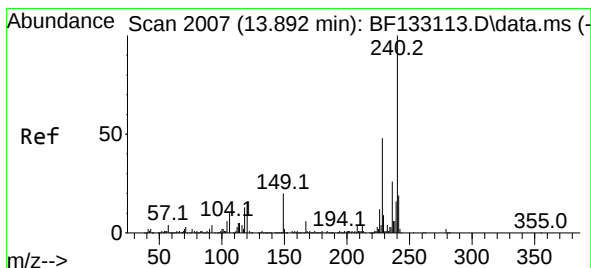
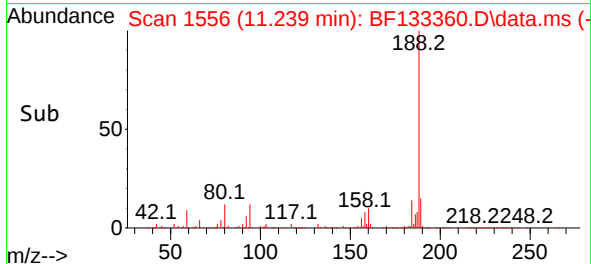
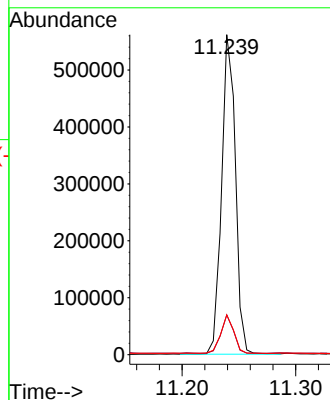
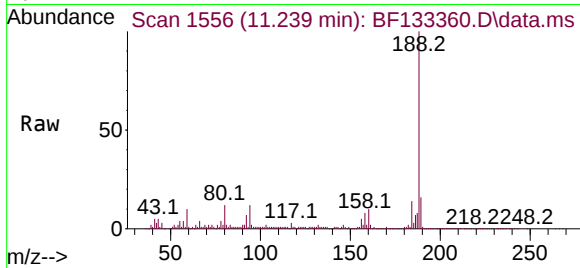
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PL-OILYWATER

Tgt Ion:188 Resp: 475302
Ion Ratio Lower Upper
188 100
94 12.4 9.7 14.5
80 12.5 10.4 15.6

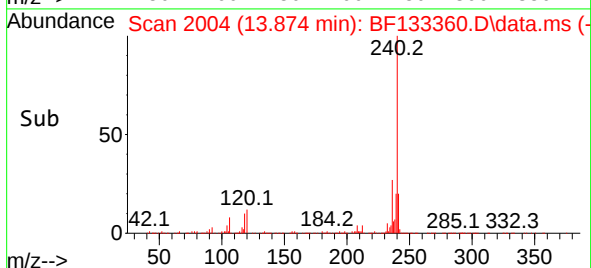
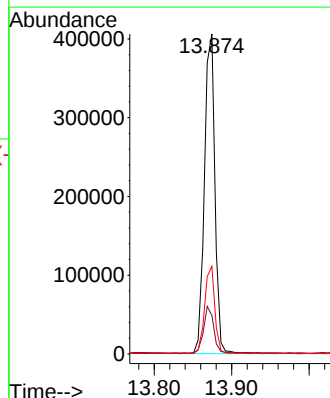
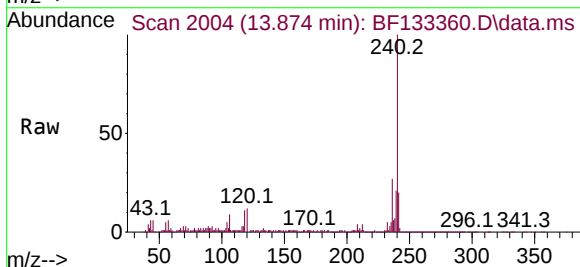
Manual Integrations
APPROVED

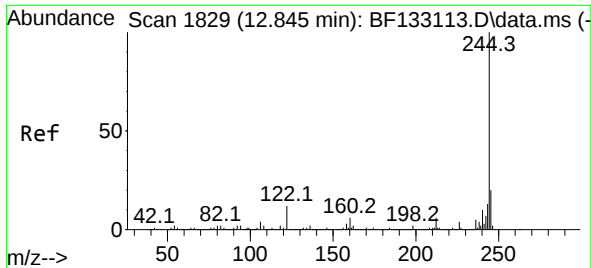
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

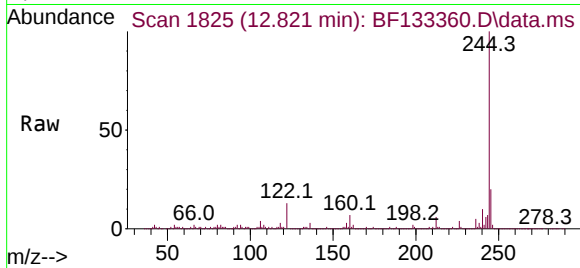
Tgt Ion:240 Resp: 382087
Ion Ratio Lower Upper
240 100
120 12.0 10.5 15.7
236 27.4 21.5 32.3





#79
Terphenyl-d14
Concen: 40.219 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09

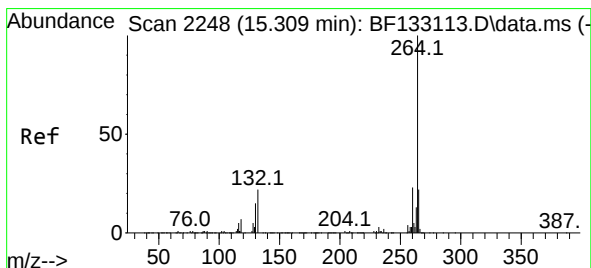
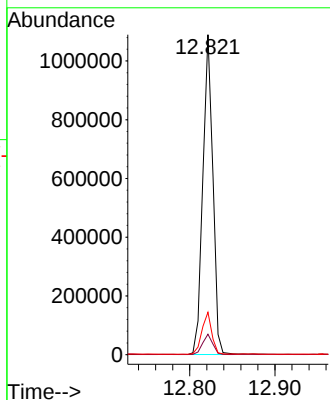
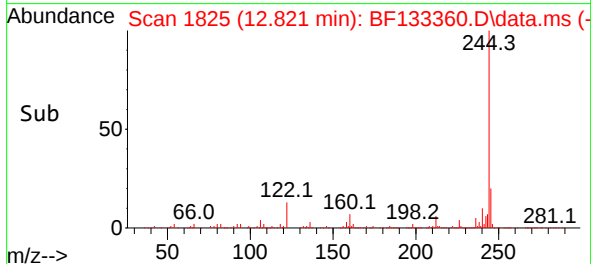
Instrument :
BNA_F
ClientSampleId :
PL-OILYWATER



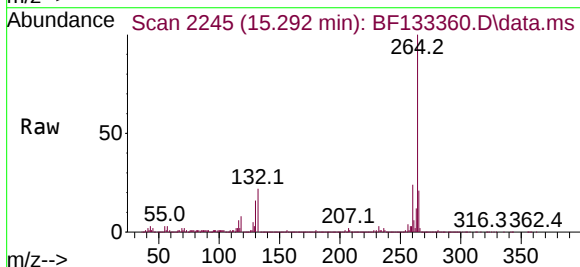
Tgt Ion:244 Resp: 891022
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 13.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF133360.D
Acq: 11 May 2023 18:09



Tgt Ion:264 Resp: 479140
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 21.2 17.0 25.4

