

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129449.D
 Acq On : 29 Jul 2022 19:10
 Operator : CG\JU
 Sample : N3953-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRV-OILY-WATER

Quant Time: Jul 30 01:10:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

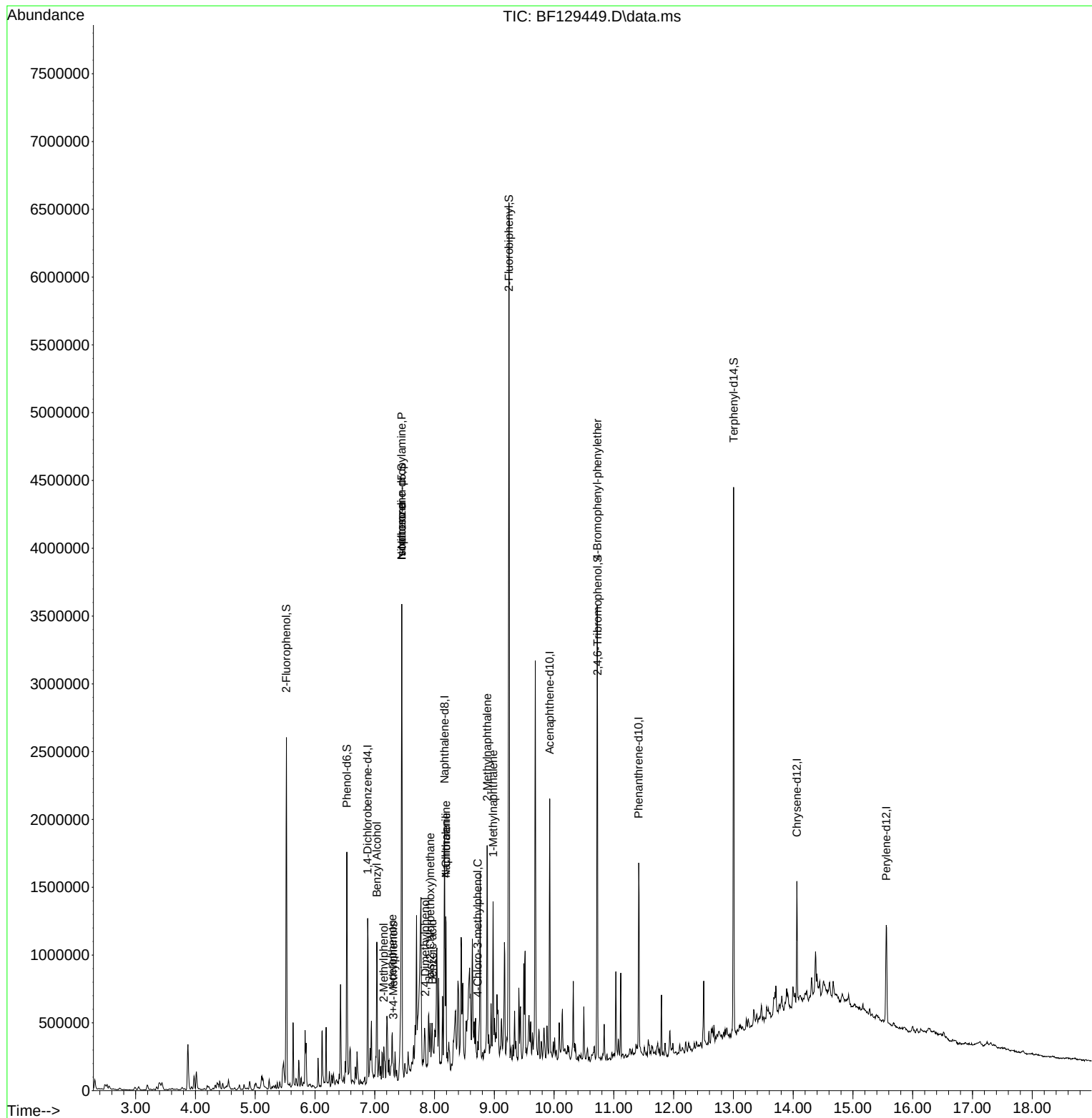
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	176392	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	681229	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	346606	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	493152	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	294754	20.000	ng	0.00
86) Perylene-d12	15.557	264	332672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	704749	65.084	ng	0.02
7) Phenol-d6	6.534	99	591807	43.482	ng	0.02
23) Nitrobenzene-d5	7.451	82	1163345	93.222	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	383482	115.078	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1940025	86.586	ng	0.00
79) Terphenyl-d14	13.004	244	1348348	86.301	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.034	79	32361	3.278	ng	# 66
17) 2-Methylphenol	7.151	107	28393	2.893	ng	95
19) n-Nitroso-di-n-propyla...	7.451	70	160170	19.439	ng	# 75
20) 3+4-Methylphenols	7.310	107	25016	2.005	ng	# 80
22) Acetophenone	7.292	105	94166	5.937	ng	# 93
25) Isophorone	7.451	82	1157193	51.731	ng	# 66
27) 2,4-Dimethylphenol	7.845	122	19975	2.101	ng	94
28) bis(2-Chloroethoxy)met...	7.928	93	52579	4.052	ng	# 58
31) Naphthalene	8.192	128	466216	13.470	ng	99
32) Benzoic acid	7.963	122	24725	3.597	ng	# 33
33) 4-Chloroaniline	8.192	127	63795	4.490	ng	# 36
36) 4-Chloro-3-methylphenol	8.722	107	23020	2.211	ng	# 27
37) 2-Methylnaphthalene	8.880	142	368311	16.375	ng	100
38) 1-Methylnaphthalene	8.980	142	217302	10.008	ng	98
67) 4-Bromophenyl-phenylether	10.722	248	24863	4.604	ng	# 1

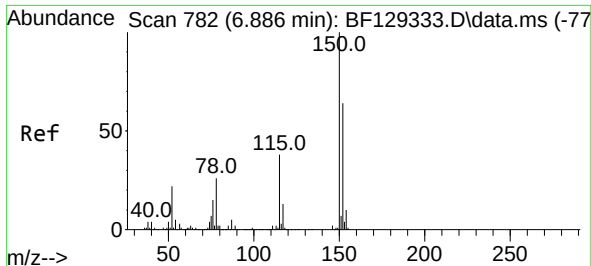
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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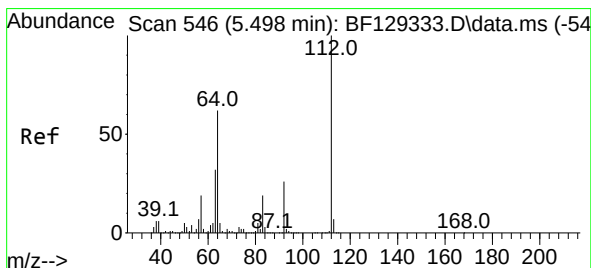
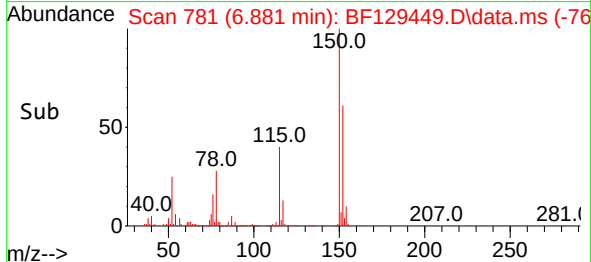
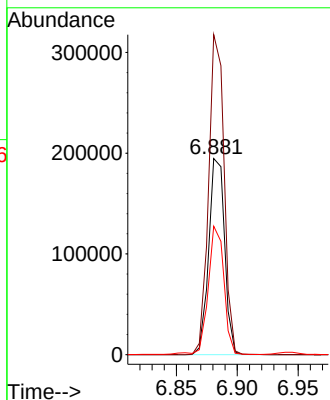
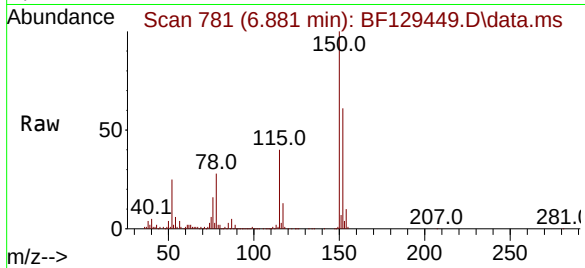




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129449.D
 Acq: 29 Jul 2022 19:10

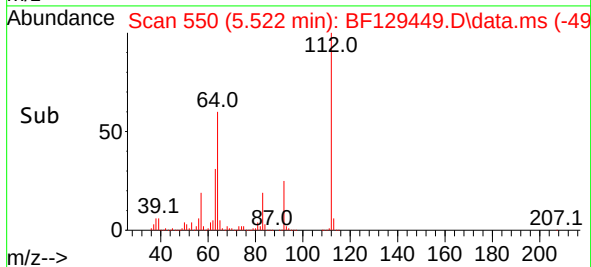
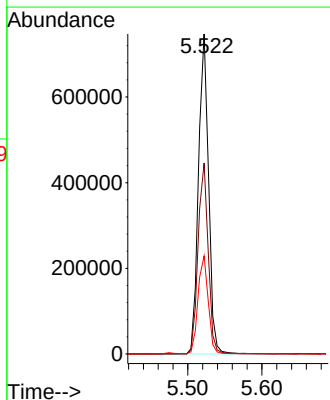
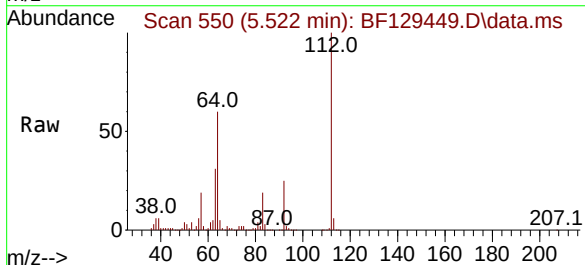
Instrument :
 BNA_F
 ClientSampleId :
 IRV-OILY-WATER

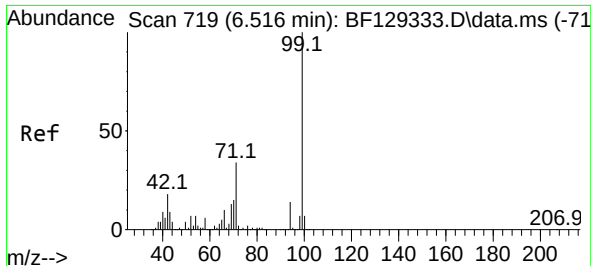
Tgt Ion:152 Resp: 176392
 Ion Ratio Lower Upper
 152 100
 150 163.1 123.7 185.5
 115 65.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 65.084 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.024 min
 Lab File: BF129449.D
 Acq: 29 Jul 2022 19:10

Tgt Ion:112 Resp: 704749
 Ion Ratio Lower Upper
 112 100
 64 59.7 53.3 79.9
 63 30.7 28.0 42.0

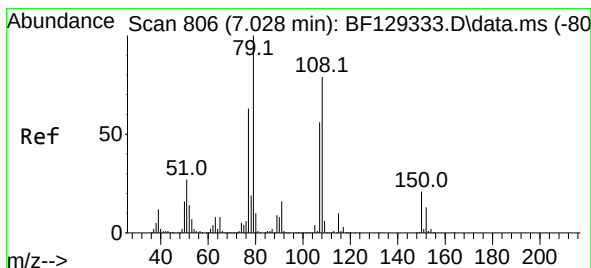
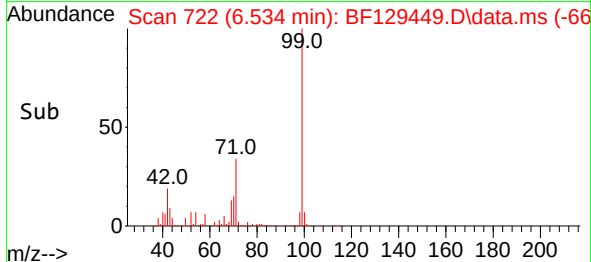
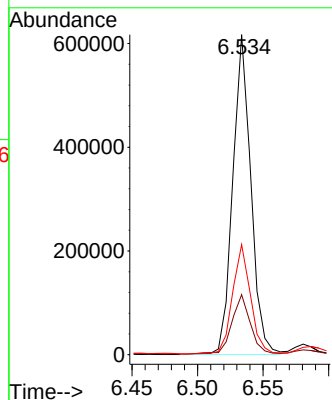
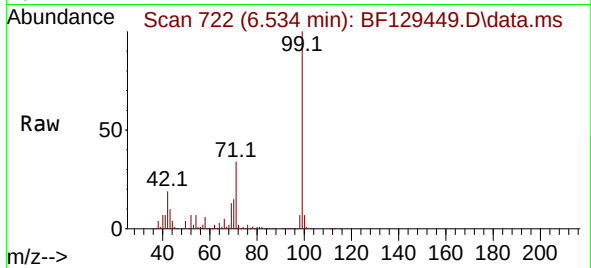




#7
Phenol-d6
Concen: 43.482 ng
RT: 6.534 min Scan# 719
Delta R.T. 0.018 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

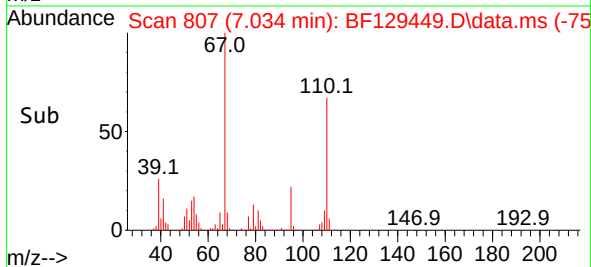
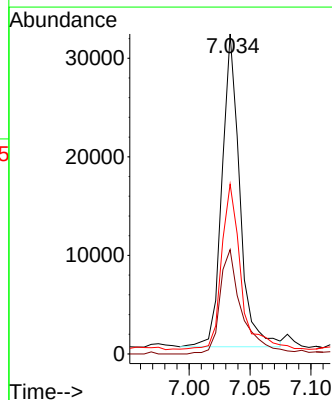
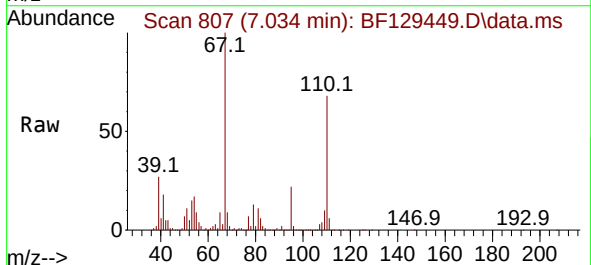
Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

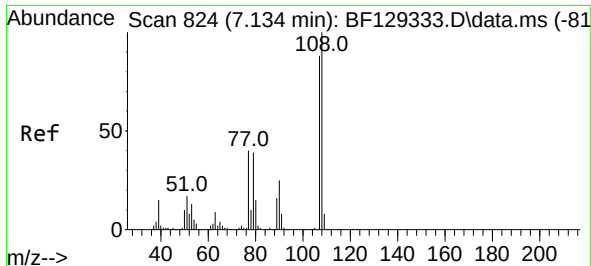
Tgt Ion: 99 Resp: 591807
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 34.4 28.9 43.3



#15
Benzyl Alcohol
Concen: 3.278 ng
RT: 7.034 min Scan# 807
Delta R.T. 0.006 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

Tgt Ion: 79 Resp: 32361
Ion Ratio Lower Upper
79 100
108 32.6 61.8 92.6#
77 53.0 50.2 75.4





#17

2-Methylphenol

Concen: 2.893 ng

RT: 7.151 min Scan# 81

Delta R.T. 0.018 min

Lab File: BF129449.D

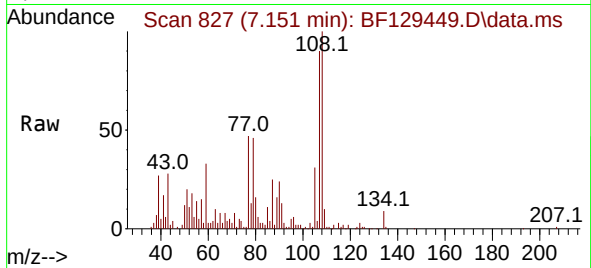
Acq: 29 Jul 2022 19:10

Instrument :

BNA_F

ClientSampleId :

IRV-OILY-WATER



Tgt Ion:107 Resp: 28393

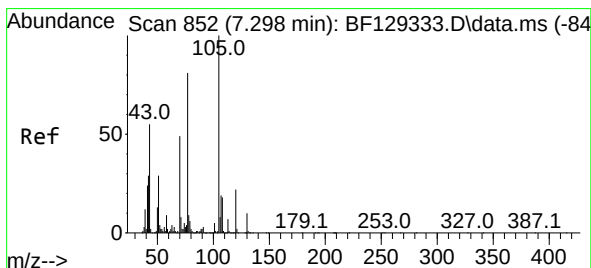
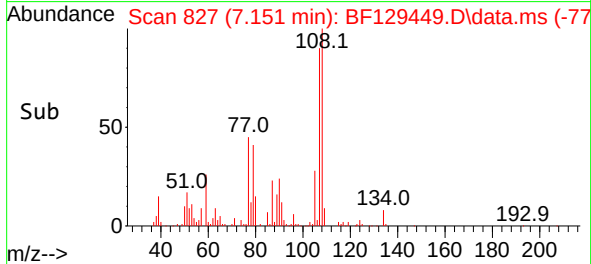
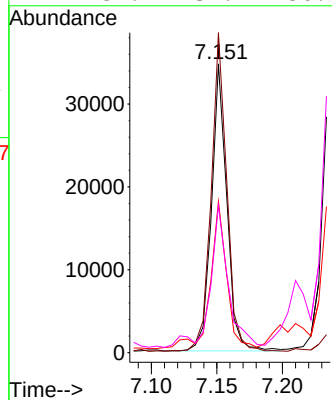
Ion Ratio Lower Upper

107 100

108 110.8 91.9 137.9

77 52.5 37.8 56.8

79 51.1 37.4 56.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.439 ng

RT: 7.451 min Scan# 878

Delta R.T. 0.153 min

Lab File: BF129449.D

Acq: 29 Jul 2022 19:10

Tgt Ion: 70 Resp: 160170

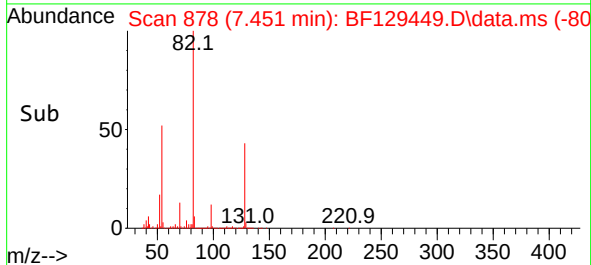
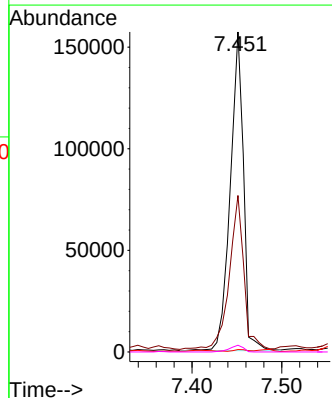
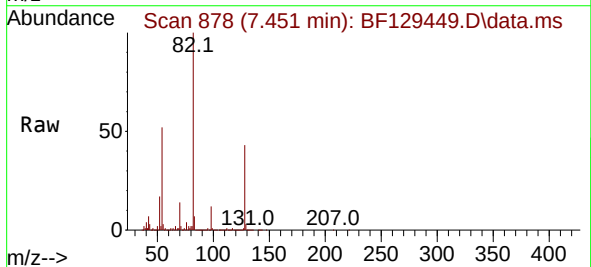
Ion Ratio Lower Upper

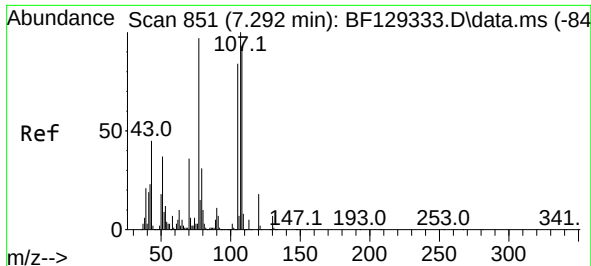
70 100

42 48.9 52.3 78.5#

101 0.7 7.5 11.3#

130 2.1 16.1 24.1#





#20

3+4-Methylphenols

Concen: 2.005 ng

RT: 7.310 min Scan# 8

Delta R.T. 0.018 min

Lab File: BF129449.D

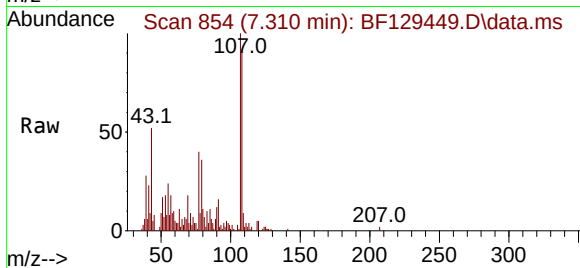
Acq: 29 Jul 2022 19:10

Instrument :

BNA_F

ClientSampleId :

IRV-OILY-WATER



Tgt Ion:107 Resp: 25016

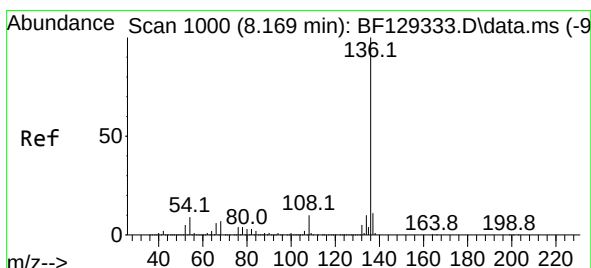
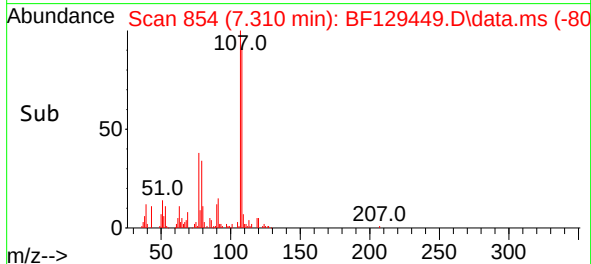
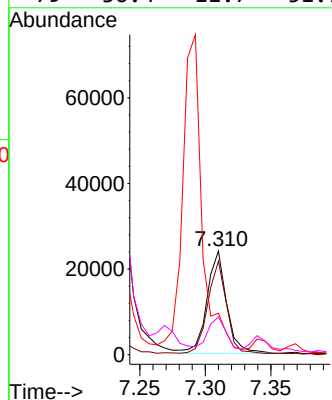
Ion Ratio Lower Upper

107 100

108 90.3 71.8 111.8

77 40.0 59.3 99.3#

79 36.4 11.7 51.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1000

Delta R.T. 0.000 min

Lab File: BF129449.D

Acq: 29 Jul 2022 19:10

Tgt Ion:136 Resp: 681229

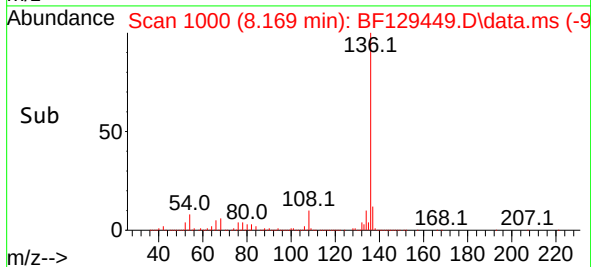
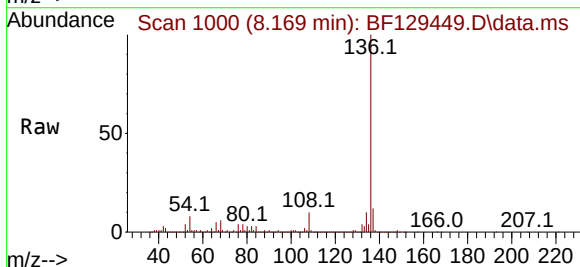
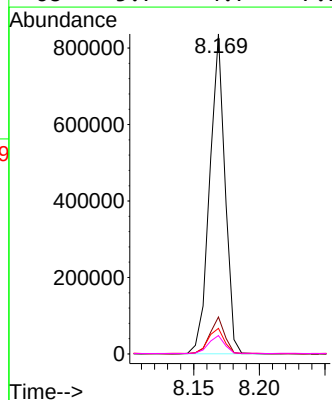
Ion Ratio Lower Upper

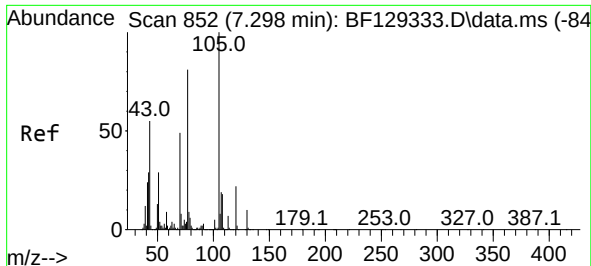
136 100

137 11.5 8.8 13.2

54 8.0 7.5 11.3

68 5.7 4.7 7.1

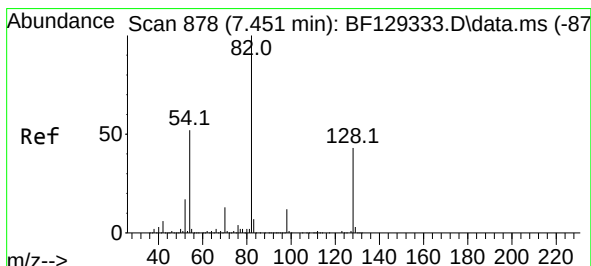
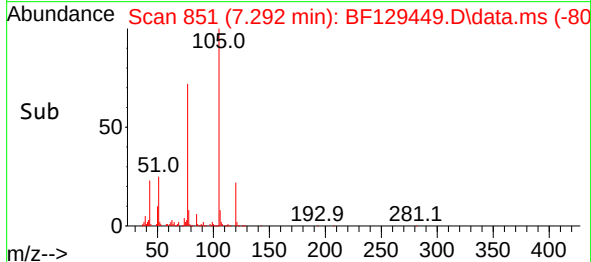
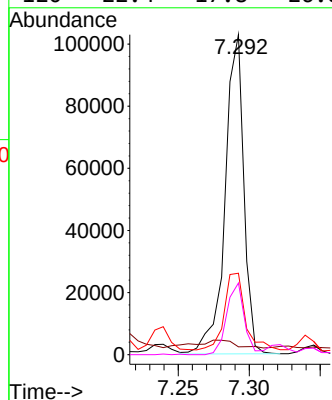
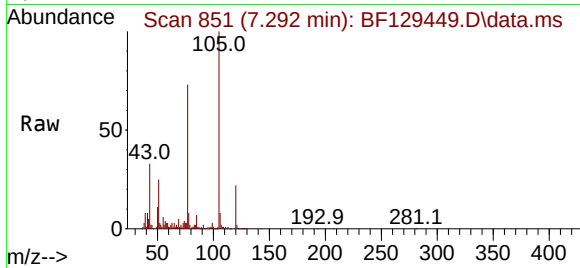




#22
Acetophenone
Concen: 5.937 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

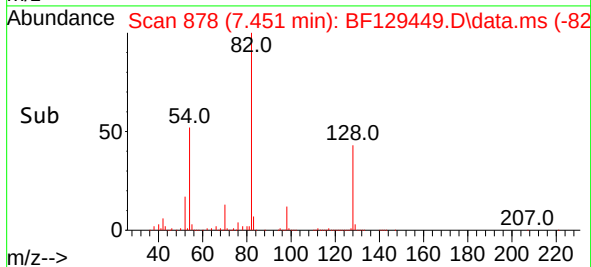
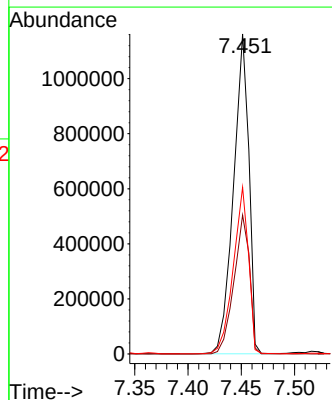
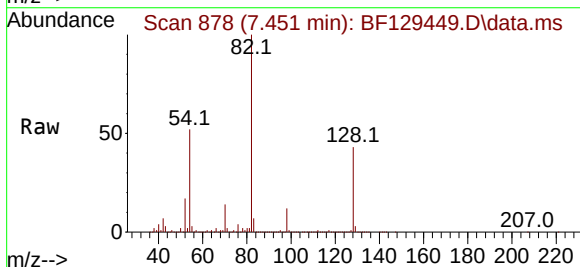
Instrument :
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IRV-OILY-WATER

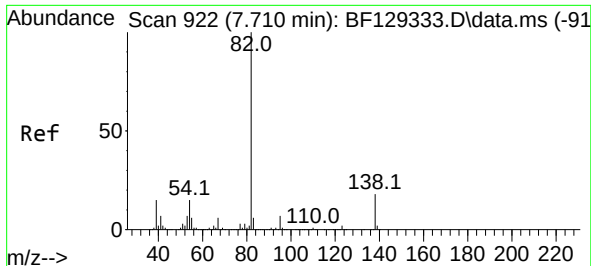
Tgt Ion:105 Resp: 94166
Ion Ratio Lower Upper
105 100
71 2.5 5.0 7.4#
51 25.5 25.0 37.4
120 22.4 17.8 26.8



#23
Nitrobenzene-d5
Concen: 93.222 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

Tgt Ion: 82 Resp: 1163345
Ion Ratio Lower Upper
82 100
128 43.4 34.0 51.0
54 52.1 46.9 70.3

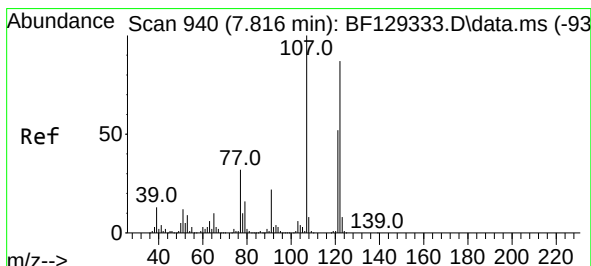
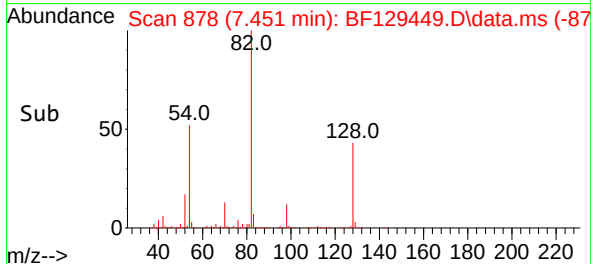
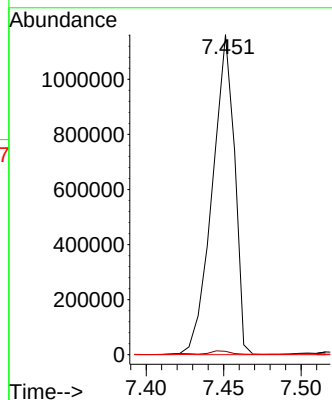
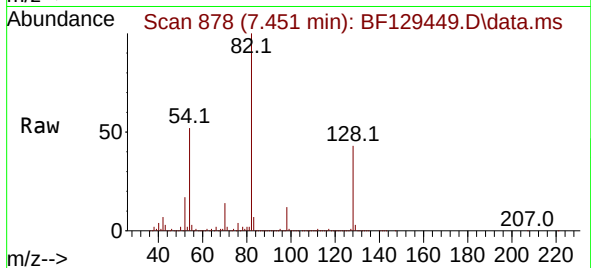




#25
Isophorone
Concen: 51.731 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

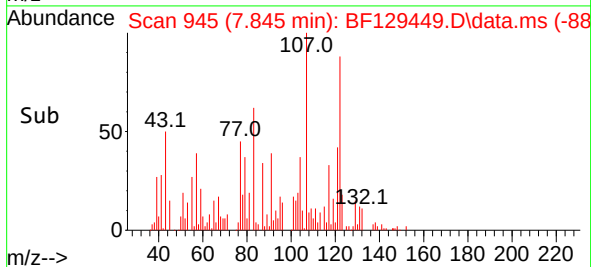
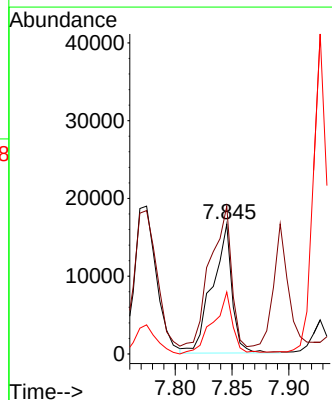
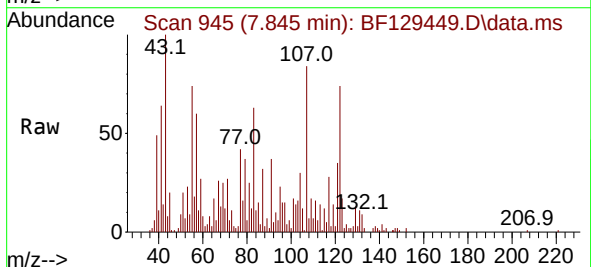
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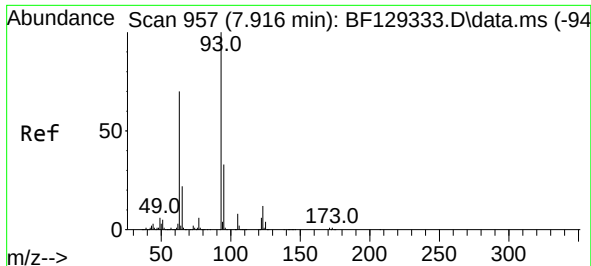
Tgt Ion: 82 Resp: 1157193
Ion Ratio Lower Upper
82 100
95 1.1 5.7 8.5#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 2.101 ng
RT: 7.845 min Scan# 945
Delta R.T. 0.029 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

Tgt Ion:122 Resp: 19975
Ion Ratio Lower Upper
122 100
107 113.9 93.0 139.6
121 47.8 46.6 70.0

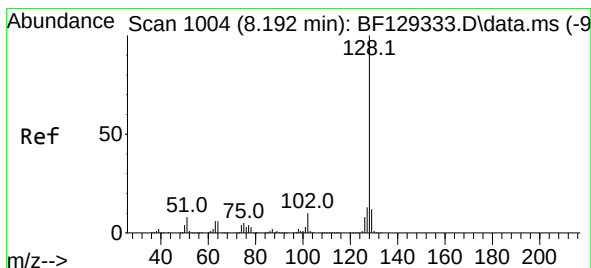
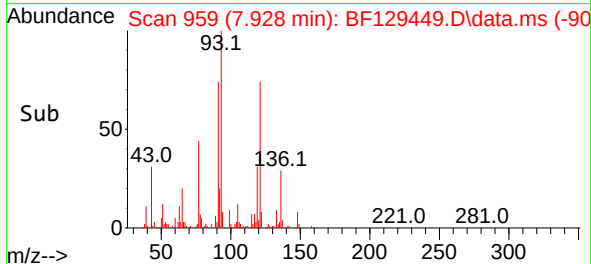
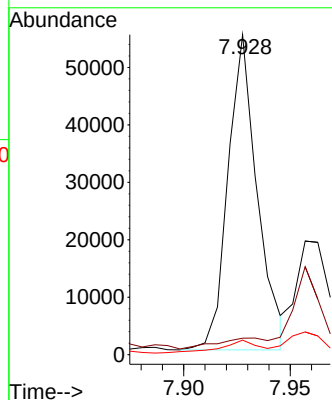
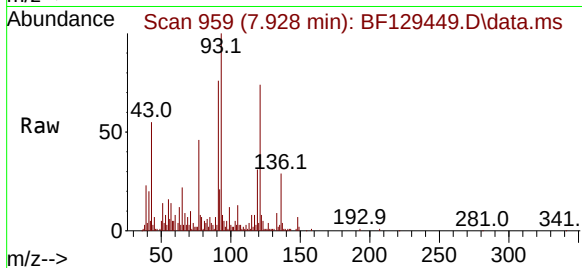




#28
bis(2-Chloroethoxy)methane
Concen: 4.052 ng
RT: 7.928 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

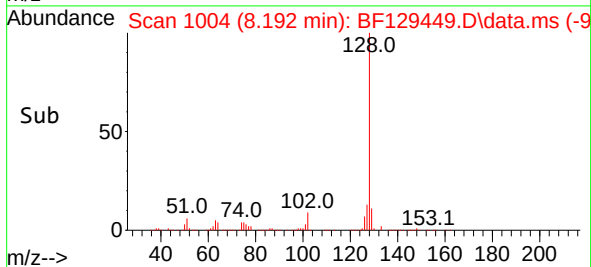
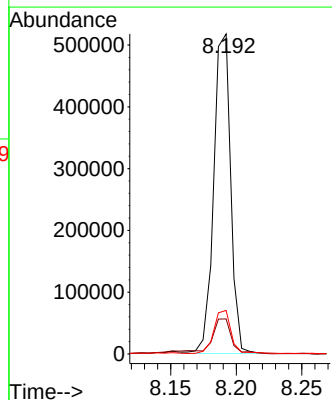
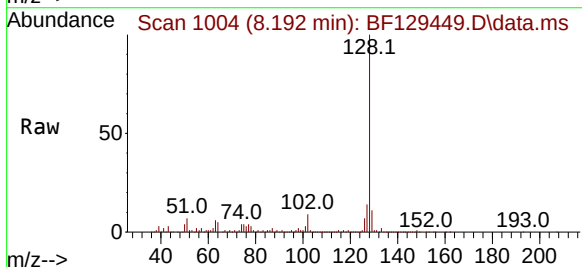
Instrument :
BNA_F
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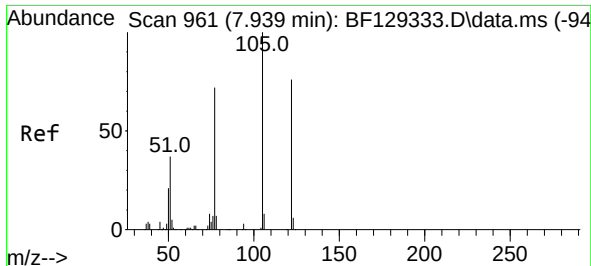
Tgt Ion: 93 Resp: 52579
Ion Ratio Lower Upper
93 100
95 5.1 26.8 40.2#
123 4.6 9.2 13.8#



#31
Naphthalene
Concen: 13.470 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

Tgt Ion:128 Resp: 466216
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.6 10.5 15.7

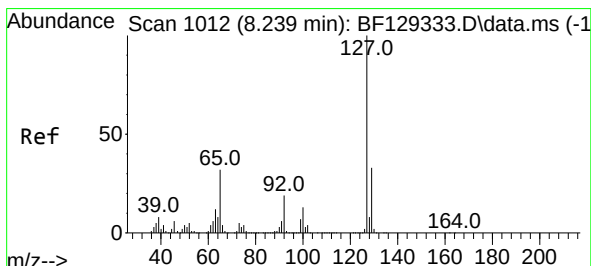
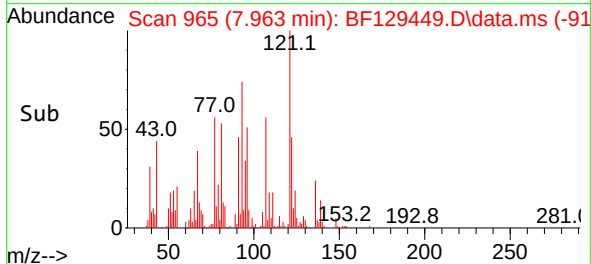
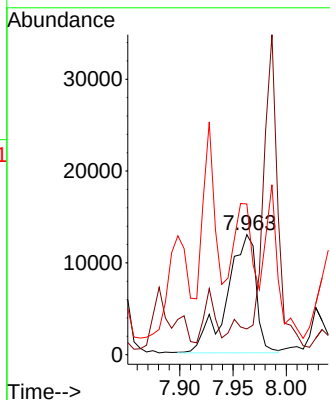
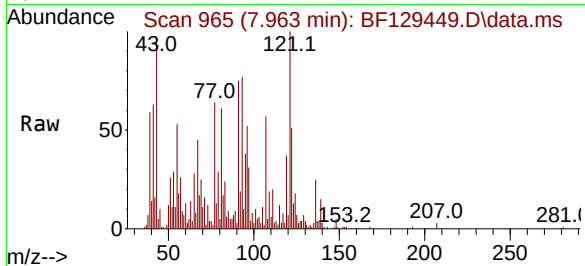




#32
Benzoic acid
Concen: 3.597 ng
RT: 7.963 min Scan# 90
Delta R.T. 0.024 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

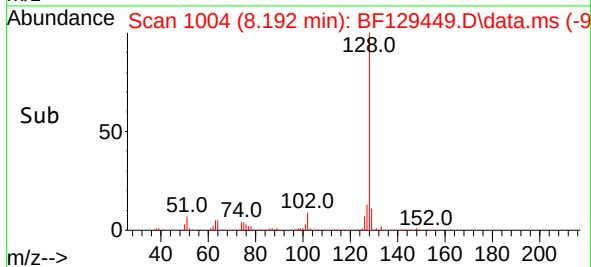
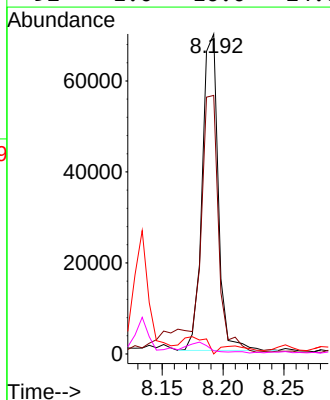
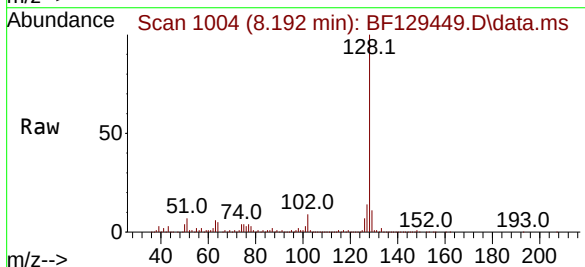
Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

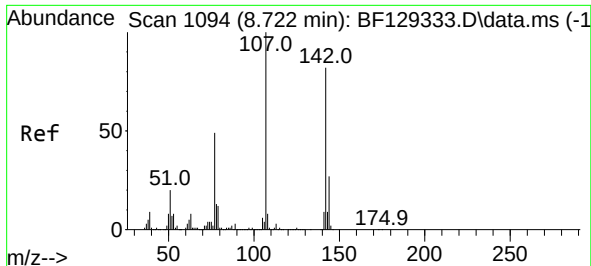
Tgt Ion:122 Resp: 24725
Ion Ratio Lower Upper
122 100
105 21.5 107.1 147.1#
77 125.6 74.2 114.2#



#33
4-Chloroaniline
Concen: 4.490 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.047 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

Tgt Ion:127 Resp: 63795
Ion Ratio Lower Upper
127 100
129 80.8 26.4 39.6#
65 0.0 26.4 39.6#
92 1.0 16.0 24.0#





#36

4-Chloro-3-methylphenol

Concen: 2.211 ng

RT: 8.722 min Scan# 1094

Delta R.T. 0.000 min

Lab File: BF129449.D

Acq: 29 Jul 2022 19:10

Instrument :

BNA_F

ClientSampleId :

IRV-OILY-WATER

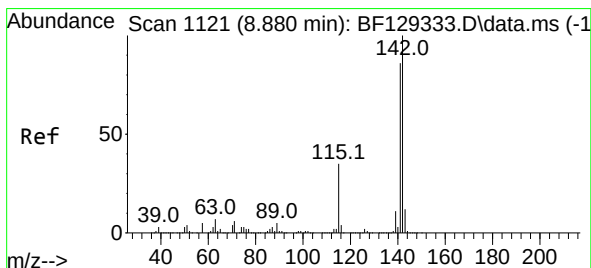
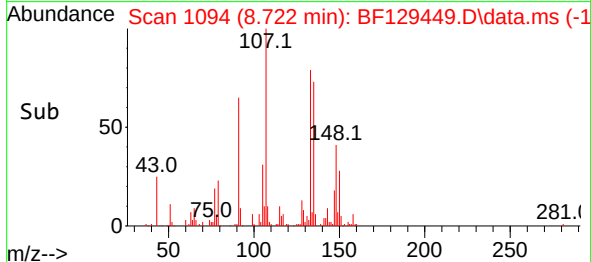
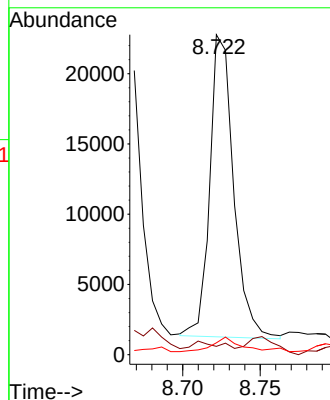
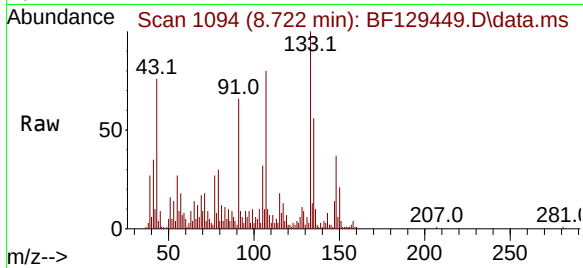
Tgt Ion:107 Resp: 23020

Ion Ratio Lower Upper

107 100

144 2.6 19.5 29.3#

142 3.7 58.2 87.4#



#37

2-Methylnaphthalene

Concen: 16.375 ng

RT: 8.880 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129449.D

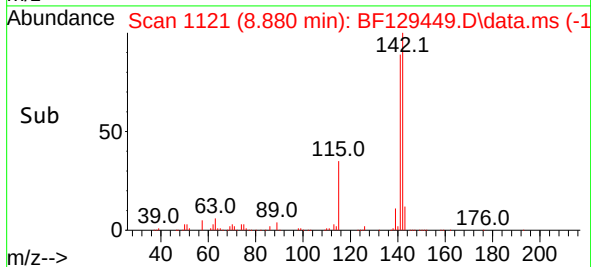
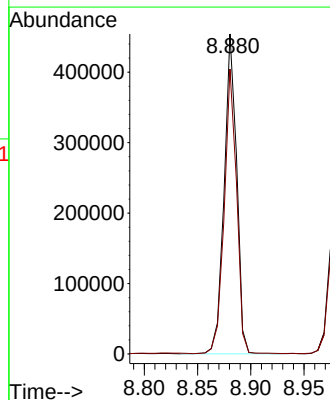
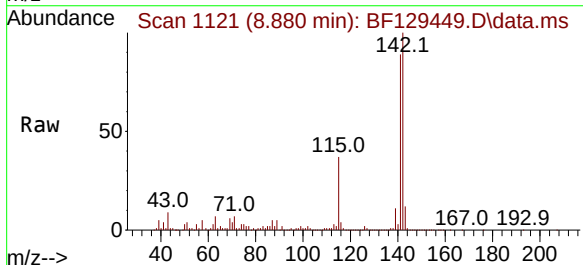
Acq: 29 Jul 2022 19:10

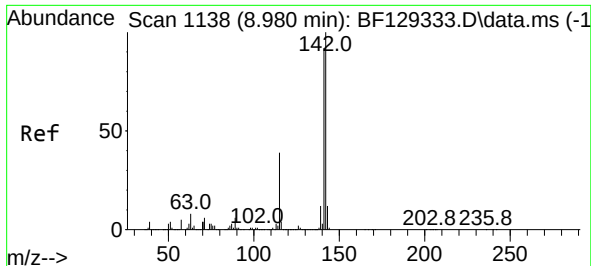
Tgt Ion:142 Resp: 368311

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.4

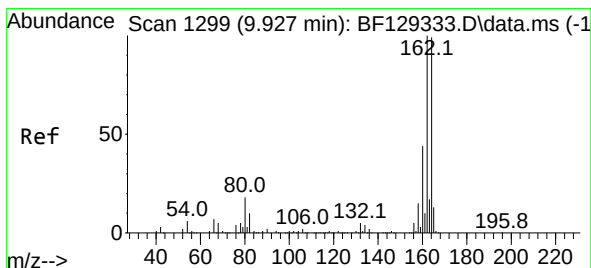
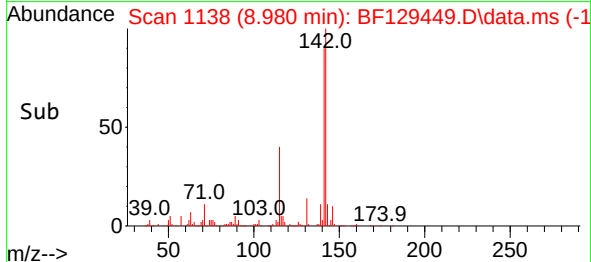
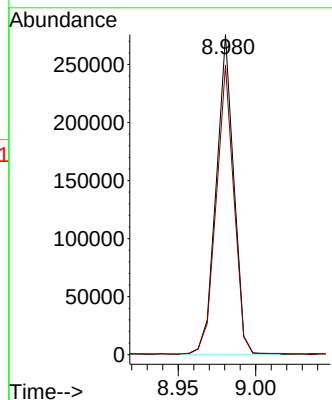
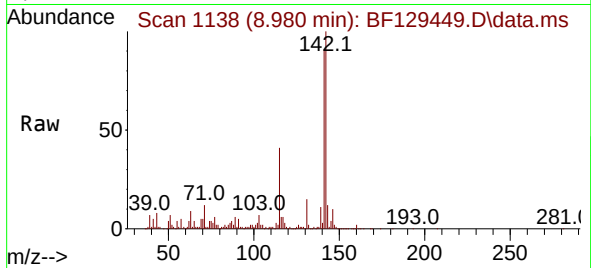




#38
1-Methylnaphthalene
Concen: 10.008 ng
RT: 8.980 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

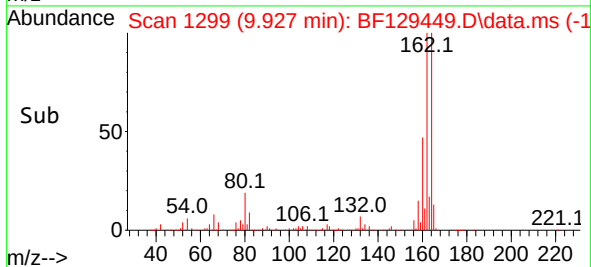
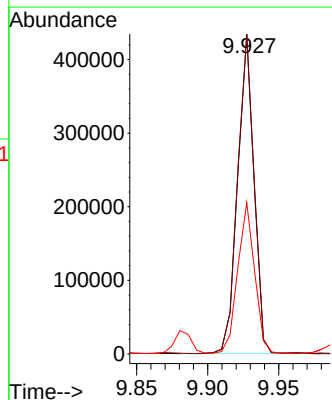
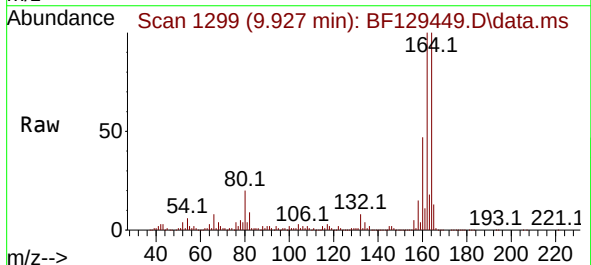
Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

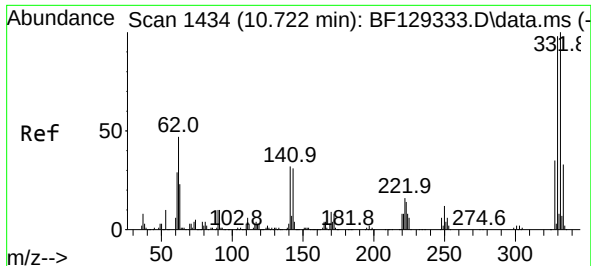
Tgt Ion:142 Resp: 217302
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

Tgt Ion:164 Resp: 346606
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 47.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 115.078 ng

RT: 10.727 min Scan# 1435

Delta R.T. 0.006 min

Lab File: BF129449.D

Acq: 29 Jul 2022 19:10

Instrument :

BNA_F

ClientSampleId :

IRV-OILY-WATER

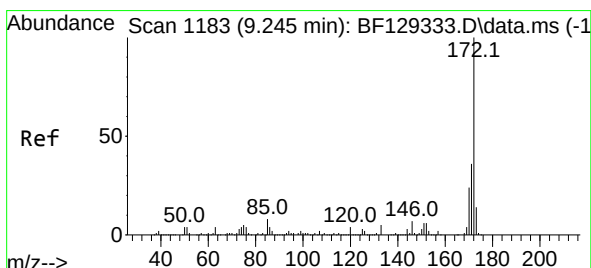
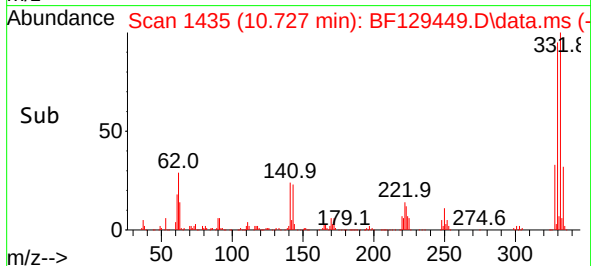
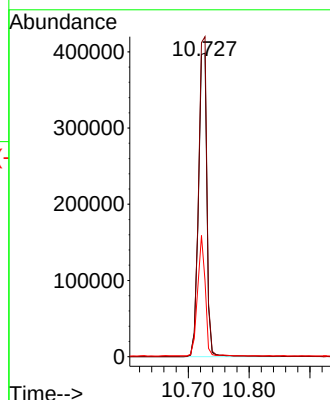
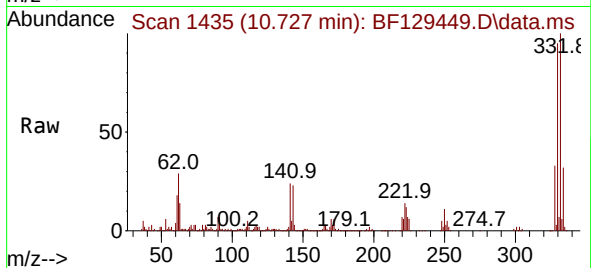
Tgt Ion:330 Resp: 383482

Ion Ratio Lower Upper

330 100

332 104.2 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.586 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129449.D

Acq: 29 Jul 2022 19:10

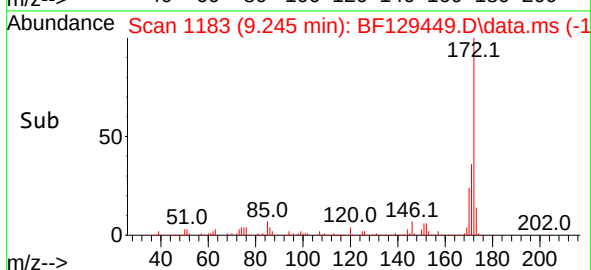
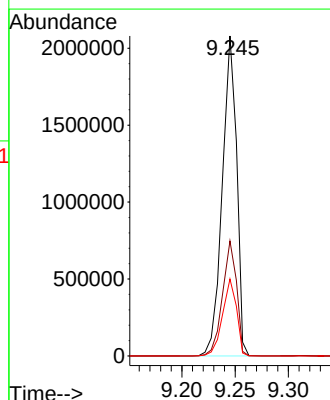
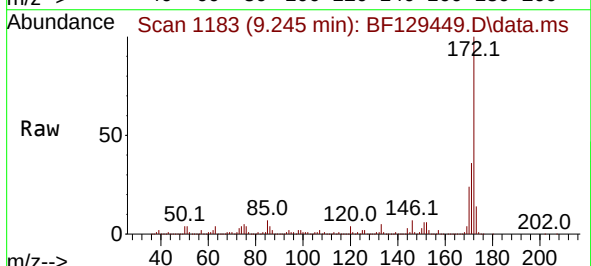
Tgt Ion:172 Resp: 1940025

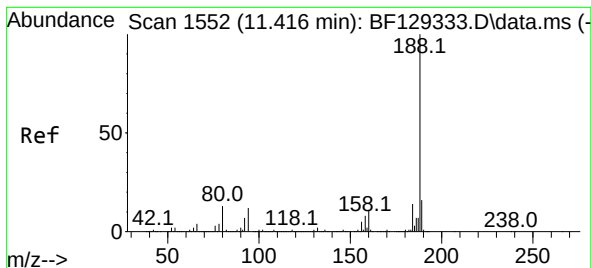
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.1 19.8 29.8

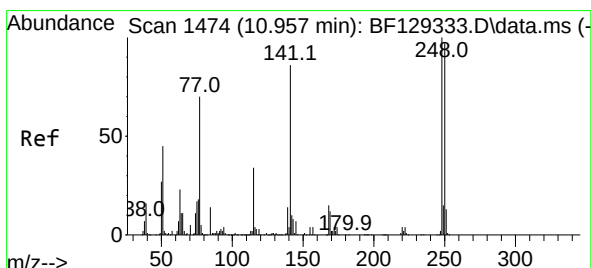
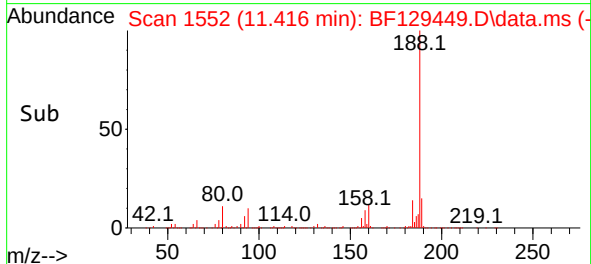
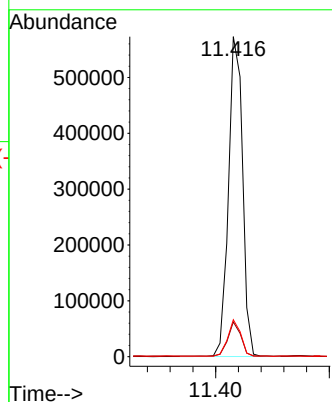
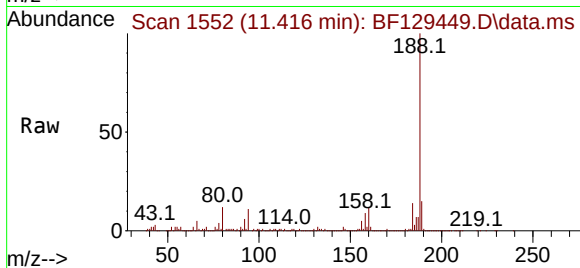




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

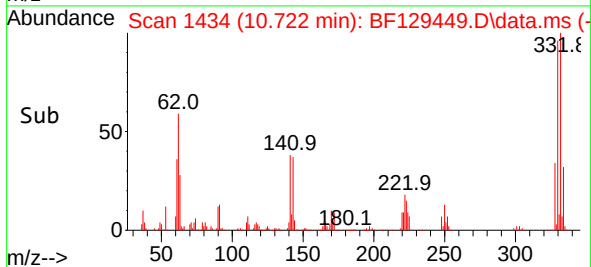
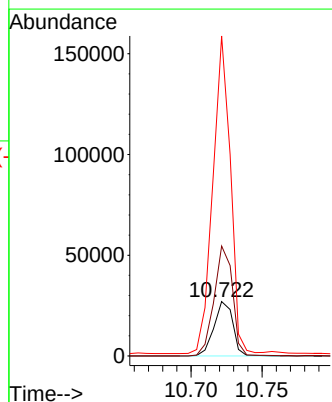
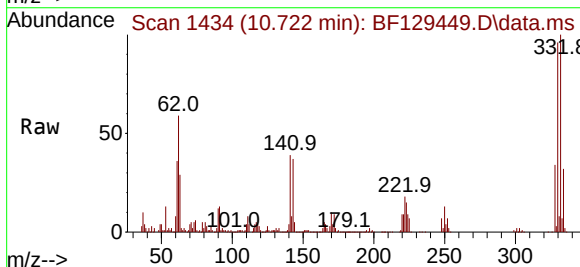
Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

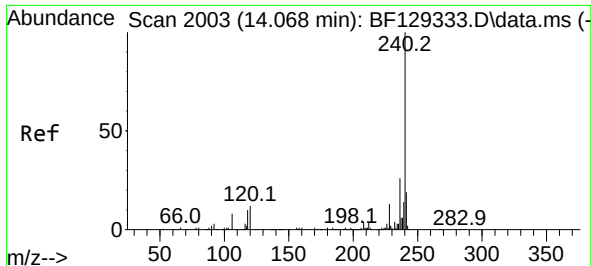
Tgt Ion:188 Resp: 493152
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.5 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.604 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

Tgt Ion:248 Resp: 24863
Ion Ratio Lower Upper
248 100
250 202.1 80.6 120.8#
141 588.7 58.9 88.3#

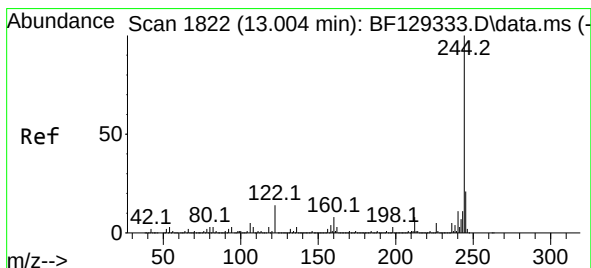
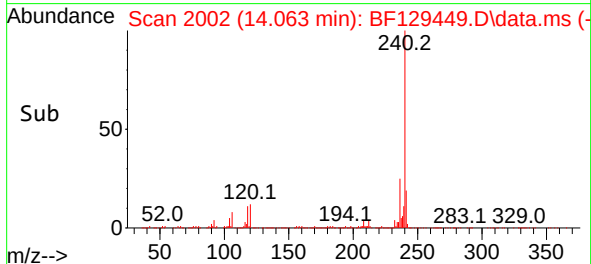
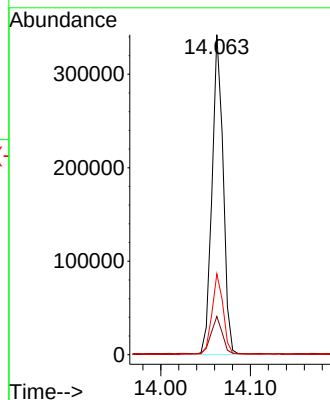
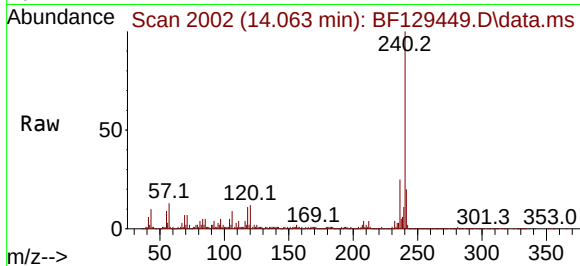




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

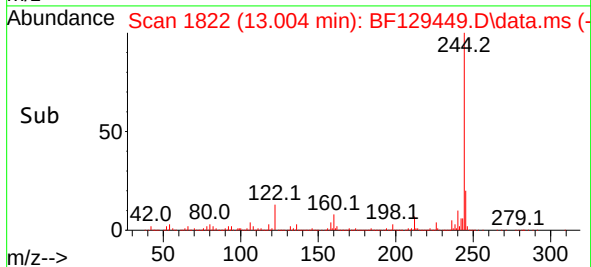
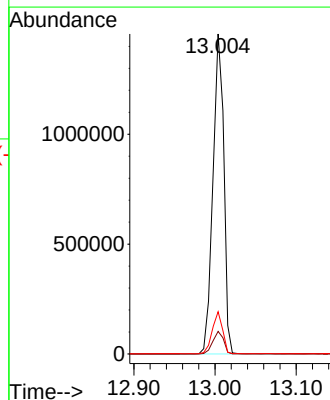
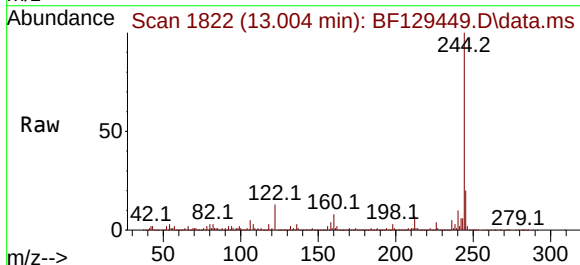
Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

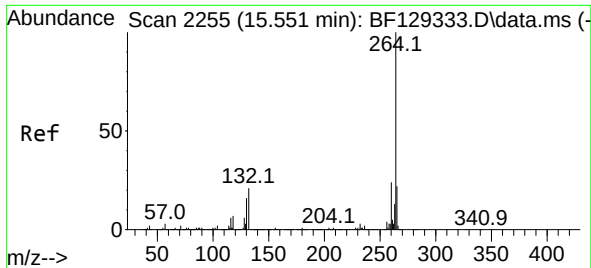
Tgt Ion:240 Resp: 294754
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 86.301 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129449.D
Acq: 29 Jul 2022 19:10

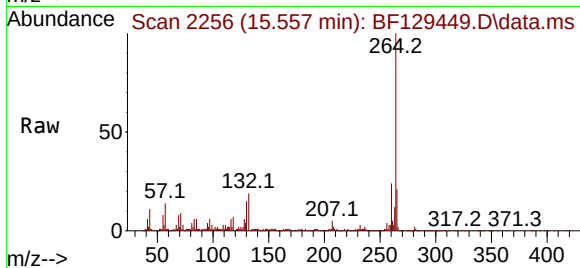
Tgt Ion:244 Resp: 1348348
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 13.2 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129449.D
 Acq: 29 Jul 2022 19:10

Instrument :
 BNA_F
 ClientSampleId :
 IRV-OILY-WATER



Tgt Ion:264 Resp: 332672

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.2	17.2	25.8

