

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114587.D
 Acq On : 24 May 2019 23:10
 Operator : JU/SJ
 Sample : K3035-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-3(OWS)-

Quant Time: May 25 00:24:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

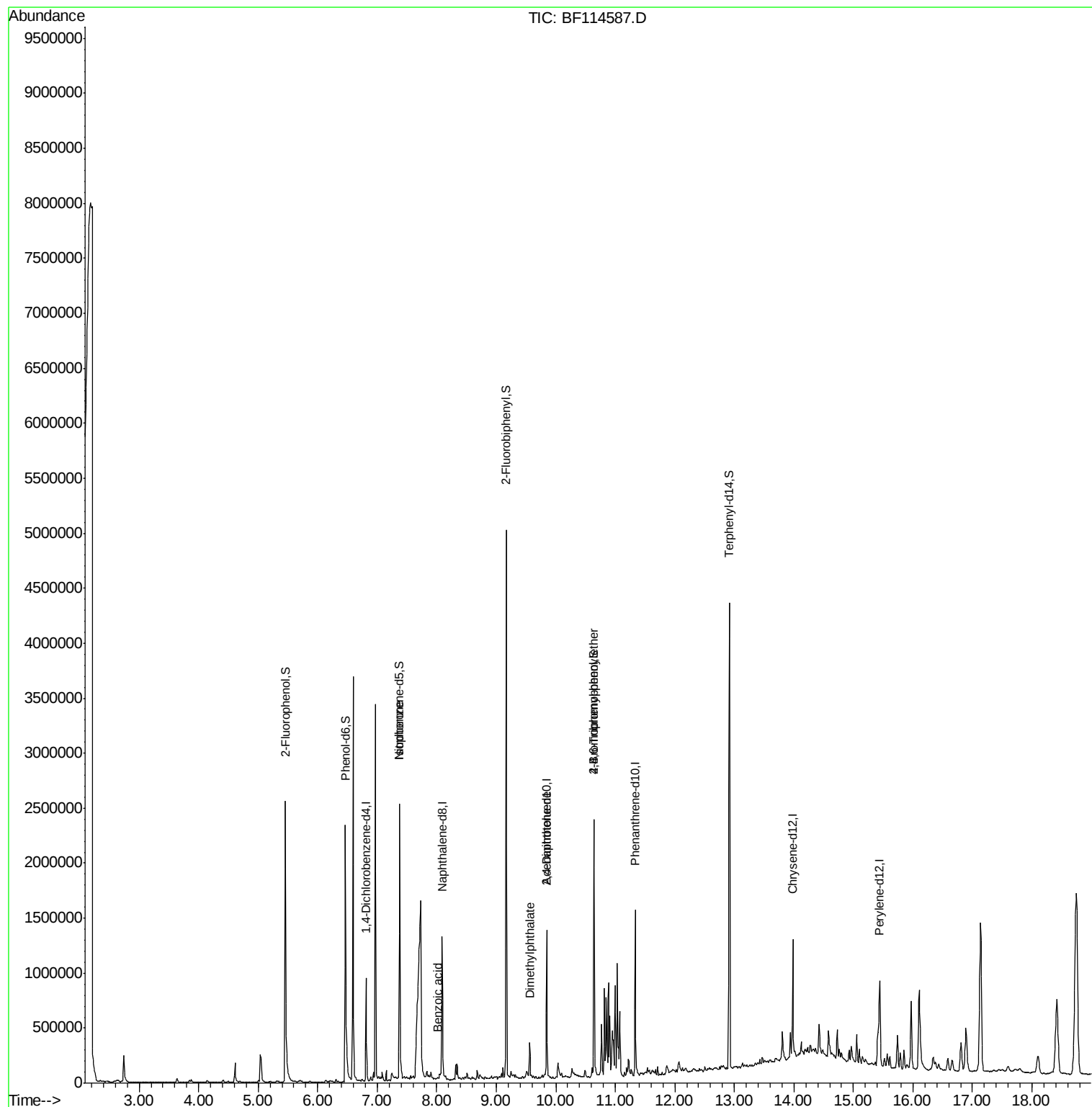
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149090	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	561949	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	268267	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	531576	20.00	ng	0.00
76) Chrysene-d12	13.98	240	358022	20.00	ng	0.00
87) Perylene-d12	15.44	264	380209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	857817	92.59	ng	0.01
7) Phenol-d6	6.46	99	984976	89.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	835889	83.48	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	288360	103.97	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1497069	84.41	ng	0.00
79) Terphenyl-d14	12.92	244	1583147	91.16	ng	0.00
Target Compounds						
25) Isophorone	7.37	82	835889	45.011	ng	# 64
32) Benzoic acid	8.02	122	468	7.093	ng	# 69
50) Dimethylphthalate	9.56	163	87048	4.420	ng	100
57) 2,4-Dinitrotoluene	9.85	165	33800	5.701	ng	# 26
67) 4-Bromophenyl-phenylether	10.64	248	19777	3.379	ng	# 1

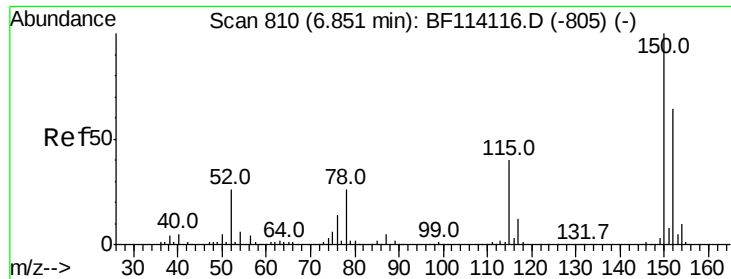
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 25 00:24:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



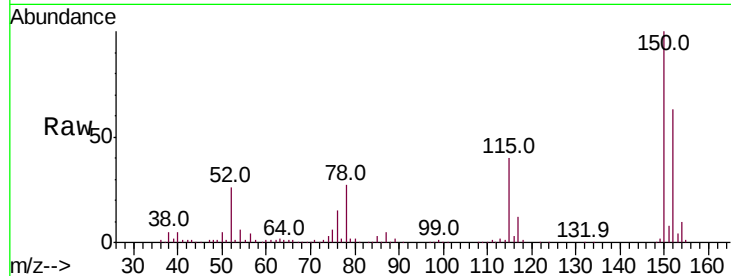


#1

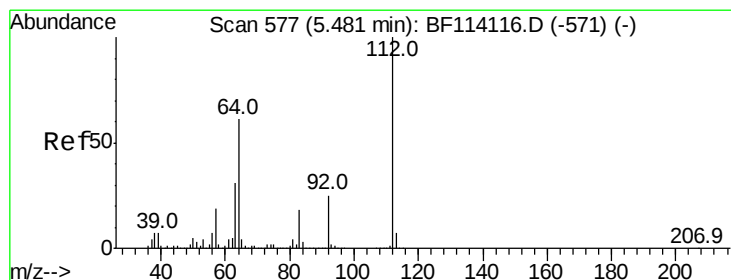
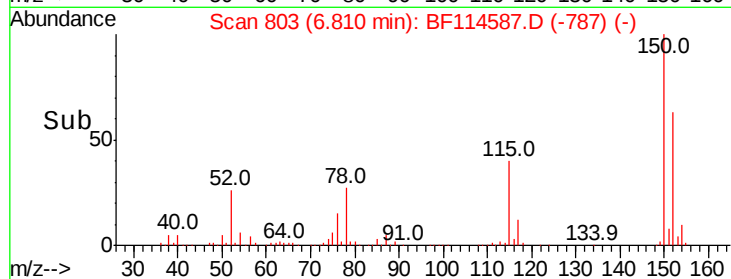
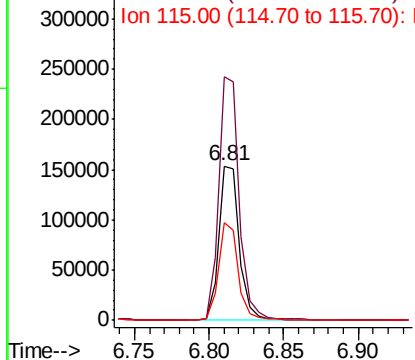
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114587.D
Acq: 24 May 2019 23:10

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-3(OWS)-

Tot Ion:152 Resp: 149090
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 63.1 49.1 73.7



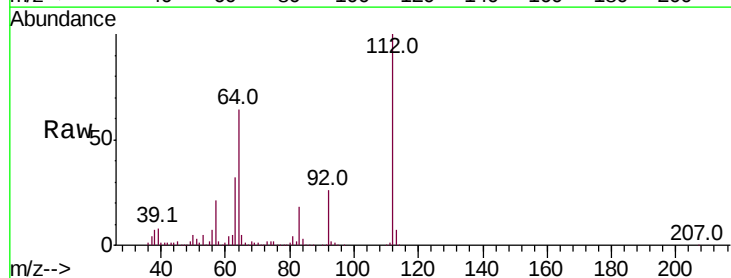
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



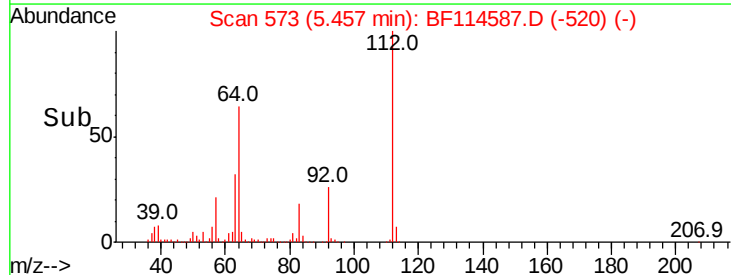
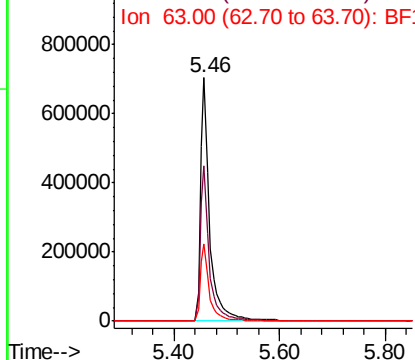
#5

2-Fluorophenol
Concen: 92.592 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114587.D
Acq: 24 May 2019 23:10

Tgt Ion:112 Resp: 857817
Ion Ratio Lower Upper
112 100
64 63.6 49.0 73.6
63 31.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 89.891 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114587.D

Acq: 24 May 2019 23:10

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-3(OWS)-

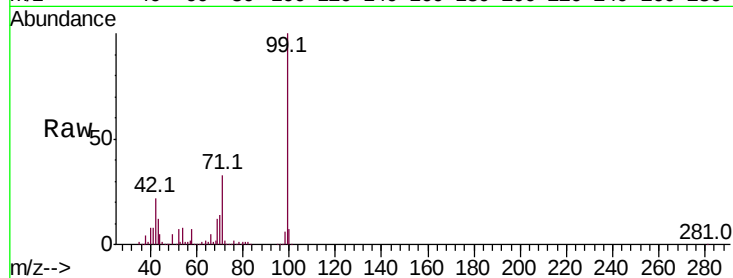
Tot Ion: 99 Resp: 984976

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

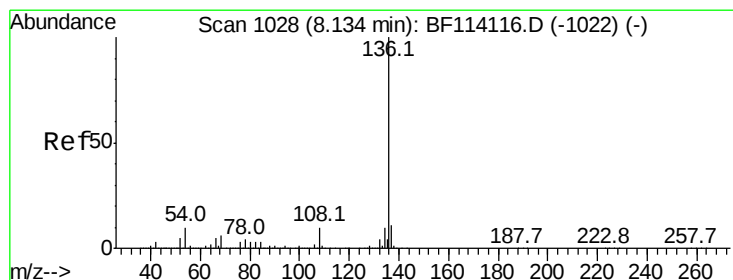
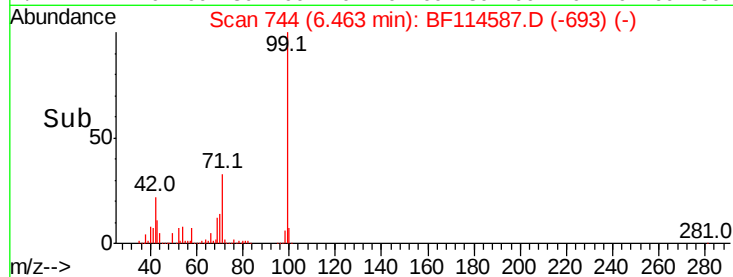
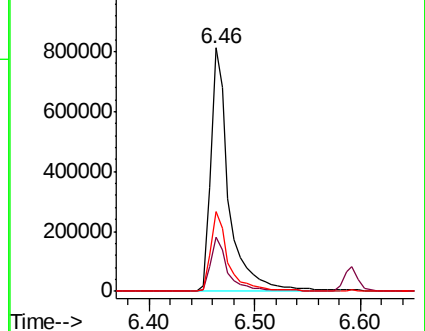
71 32.7 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114587.D

Acq: 24 May 2019 23:10

Tgt Ion: 136 Resp: 561949

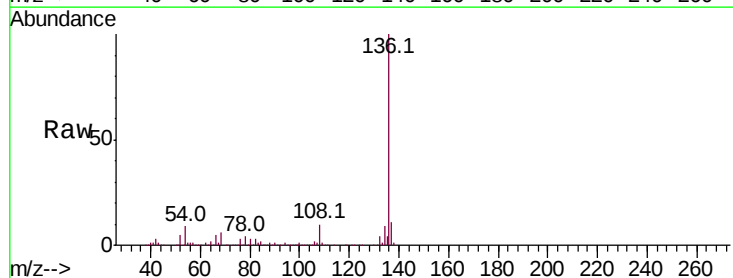
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.1 7.8 11.8

68 5.5 5.1 7.7

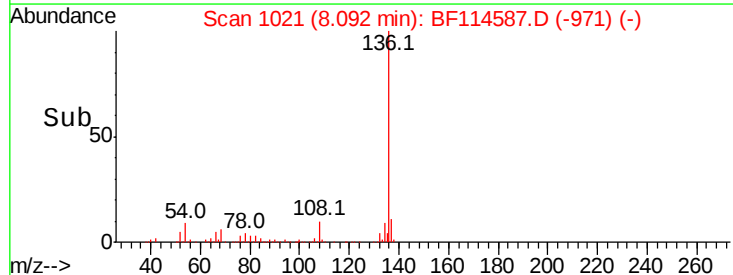
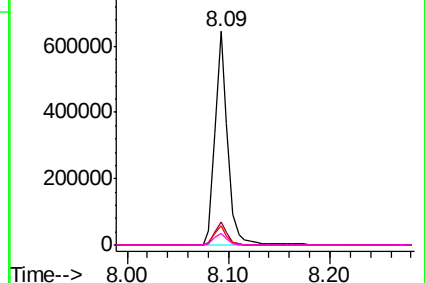


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 83.478 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF114587.D

Acq: 24 May 2019 23:10

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-3(OWS)-

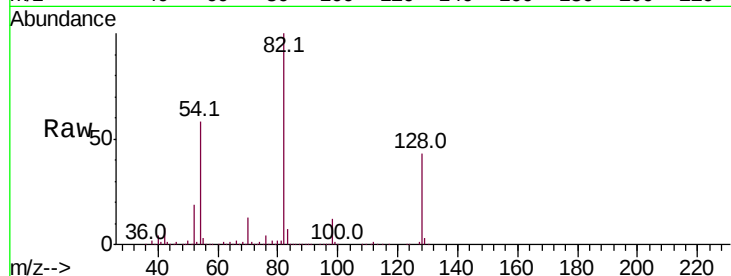
Tot Ion: 82 Resp: 835889

Ion Ratio Lower Upper

82 100

128 43.4 35.5 53.3

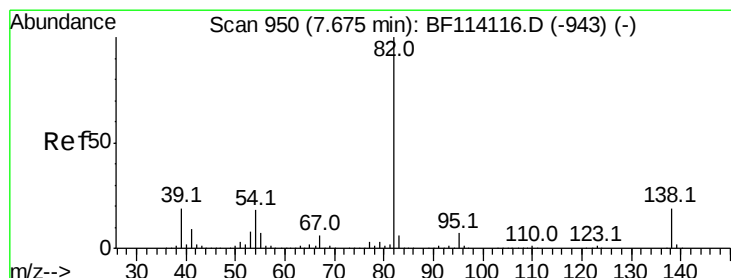
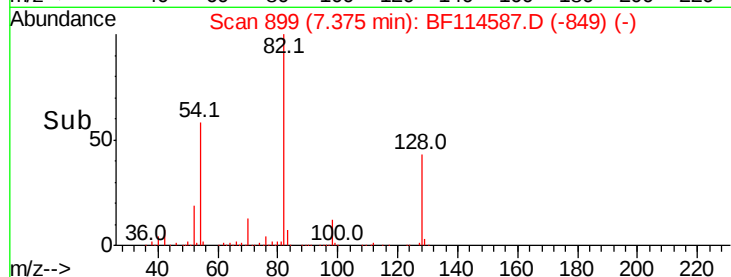
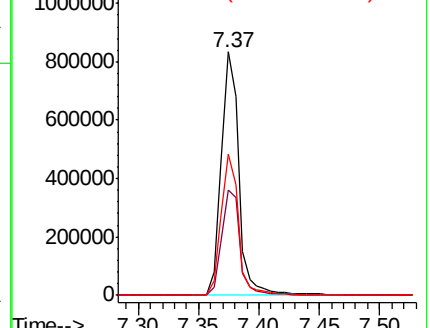
54 58.2 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 45.011 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114587.D

Acq: 24 May 2019 23:10

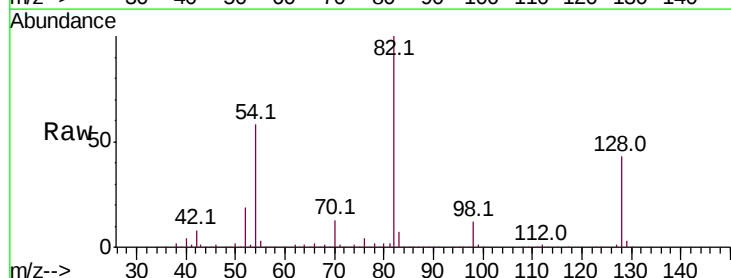
Tgt Ion: 82 Resp: 835889

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

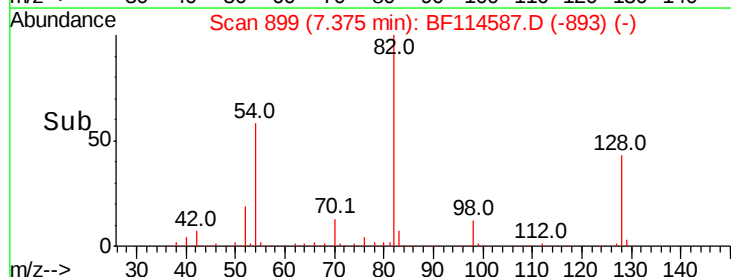
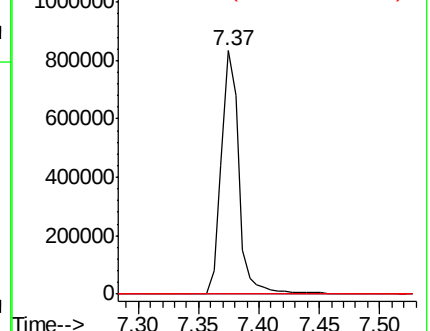
138 0.0 14.8 22.2#

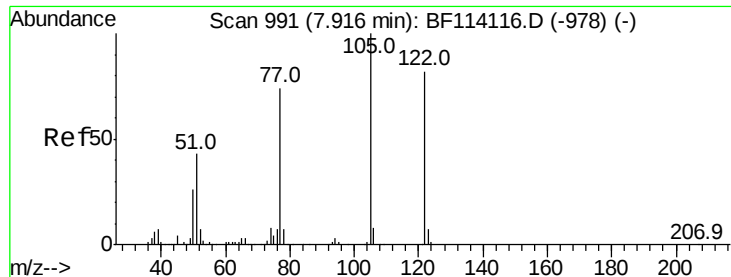


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

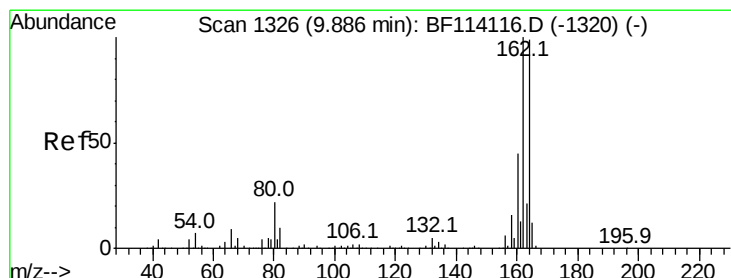
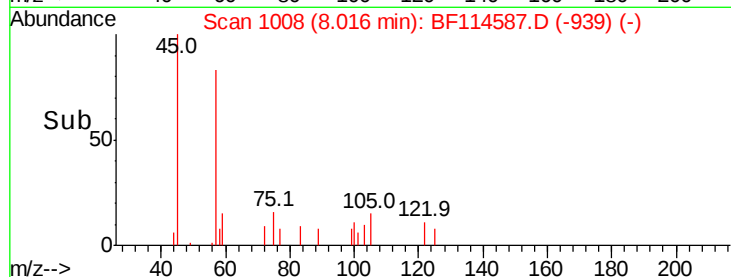
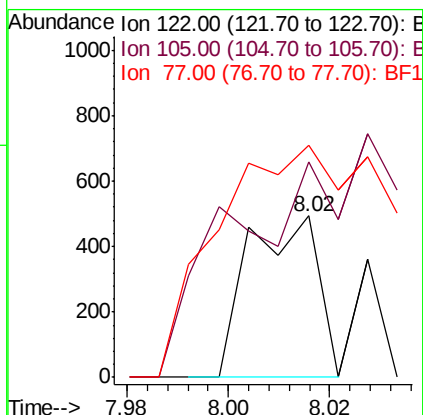
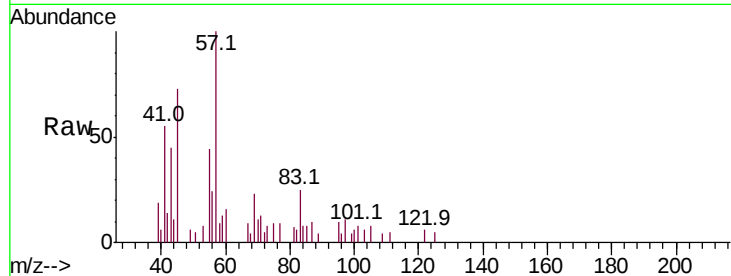




#32
Benzoic acid
Concen: 7.093 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.11 min
Lab File: BF114587.D
Acq: 24 May 2019 23:10

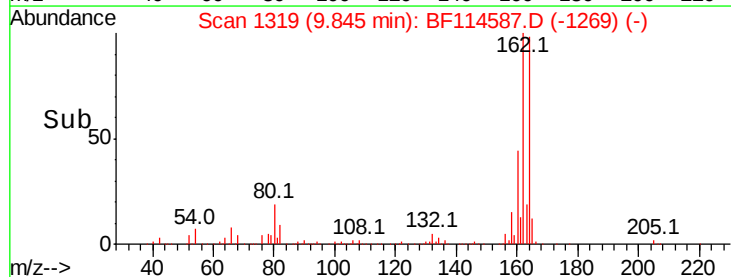
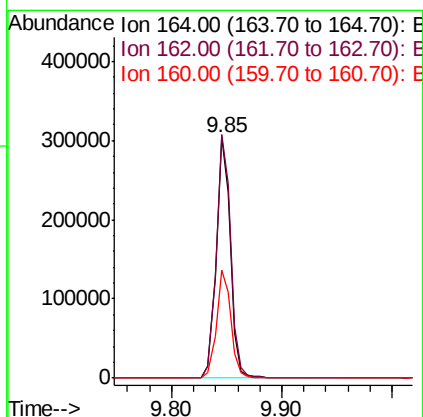
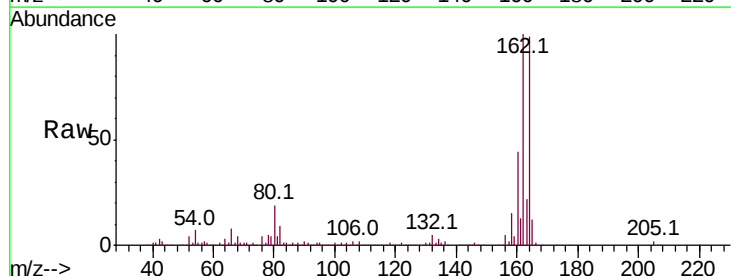
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-3(OWS)-

Tot Ion:122 Resp: 468
Ion Ratio Lower Upper
122 100
105 133.2 99.9 139.9
77 143.3 69.4 109.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114587.D
Acq: 24 May 2019 23:10

Tgt Ion:164 Resp: 268267
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.7 36.5 54.7

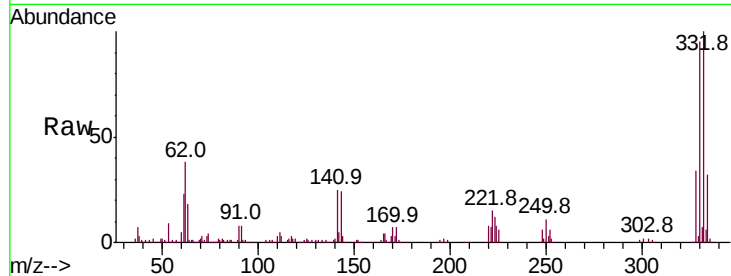




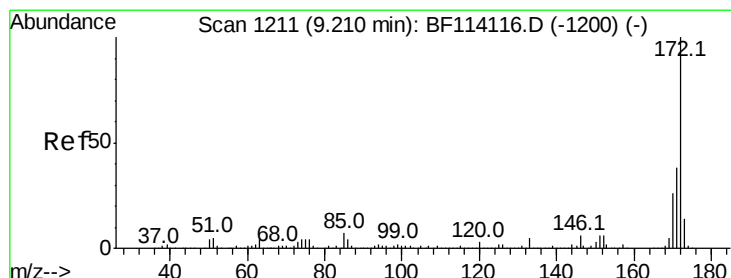
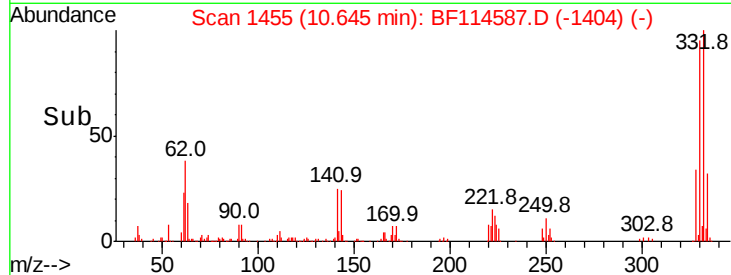
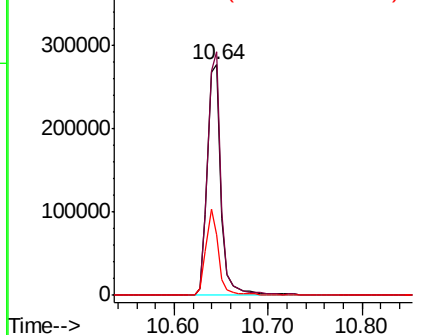
#42
 2,4,6-Tribromophenol
 Concen: 103.972 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114587.D
 Acq: 24 May 2019 23:10

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-3(OWS)-

Tot Ion:330 Resp: 288360
 Ion Ratio Lower Upper
 330 100
 332 103.1 81.4 122.2
 141 33.4 26.6 40.0

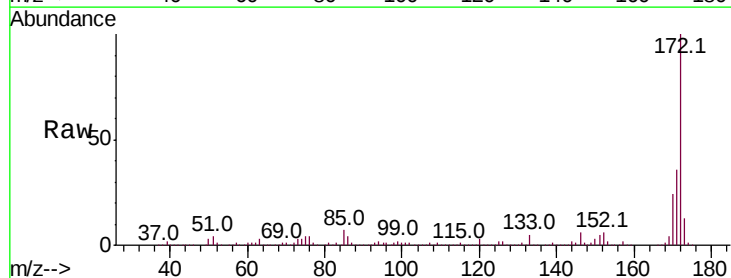


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

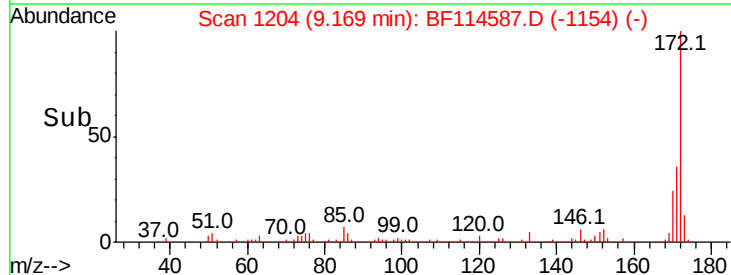
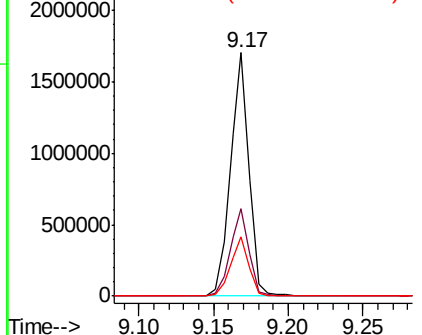


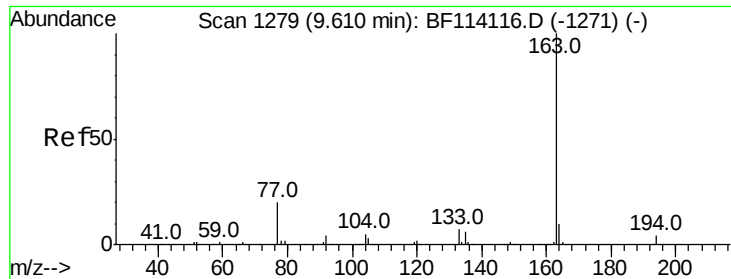
#45
 2-Fluorobiphenyl
 Concen: 84.415 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114587.D
 Acq: 24 May 2019 23:10

Tgt Ion:172 Resp: 1497069
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.7 46.1
 170 24.1 20.5 30.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

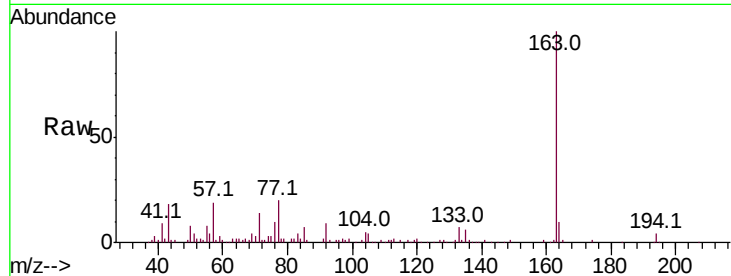




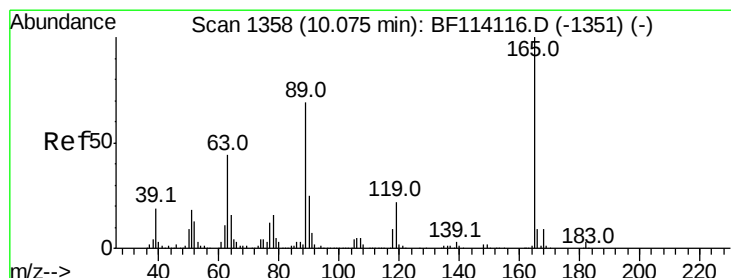
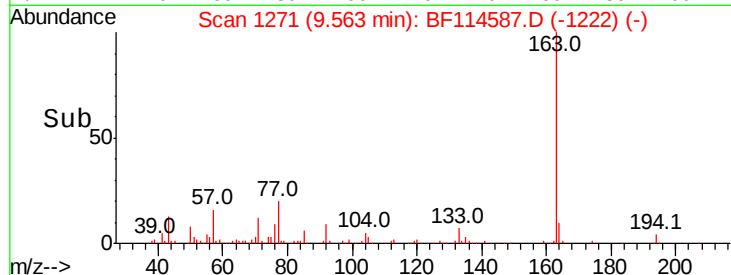
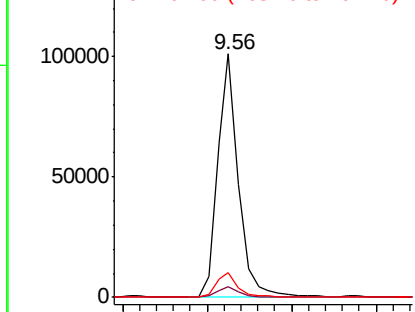
#50
Dimethylphthalate
Concen: 4.420 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114587.D
Acq: 24 May 2019 23:10

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Tot Ion:163 Resp: 87048
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.2 8.2 12.2

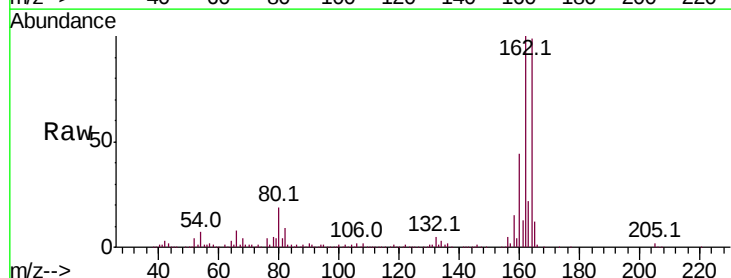


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

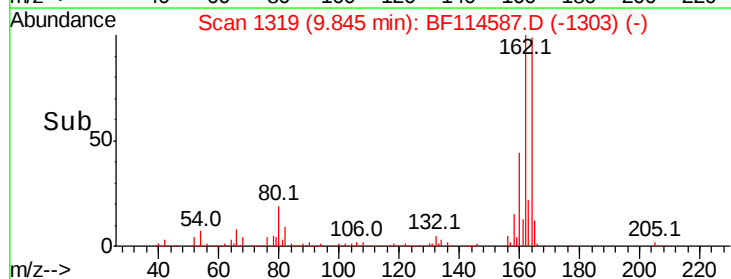
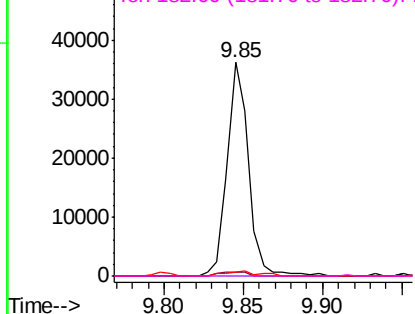


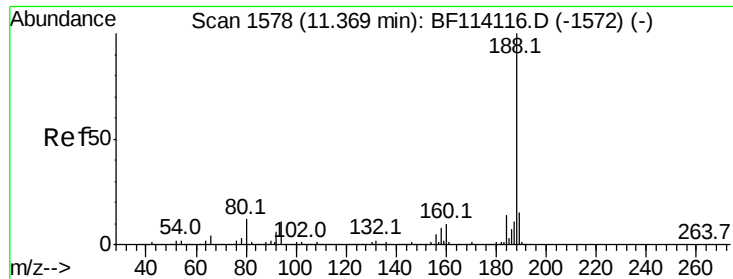
#57
2,4-Dinitrotoluene
Concen: 5.701 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF114587.D
Acq: 24 May 2019 23:10

Tgt Ion:165 Resp: 33800
Ion Ratio Lower Upper
165 100
63 1.9 35.5 53.3#
89 1.9 55.2 82.8#
182 0.0 2.2 3.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

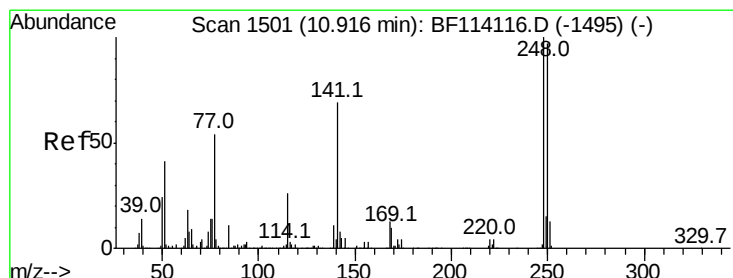
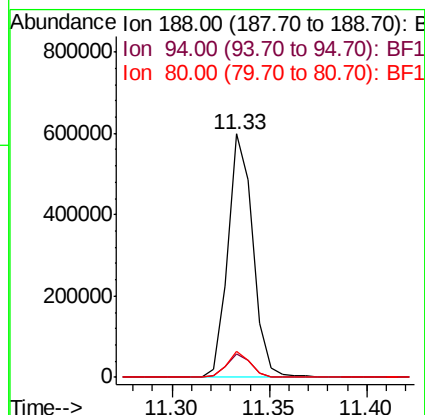
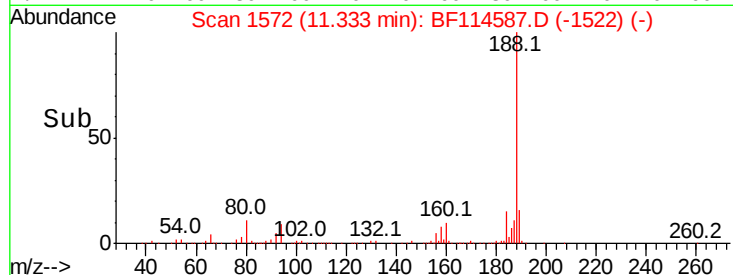
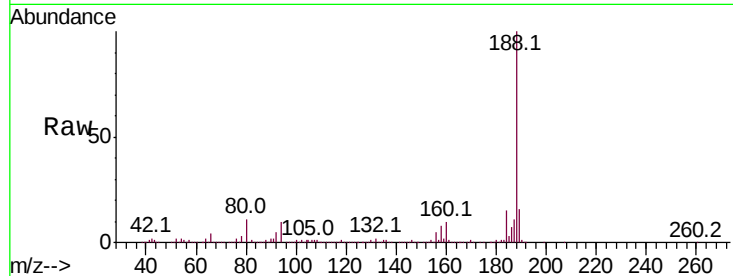




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114587.D
Acq: 24 May 2019 23:10

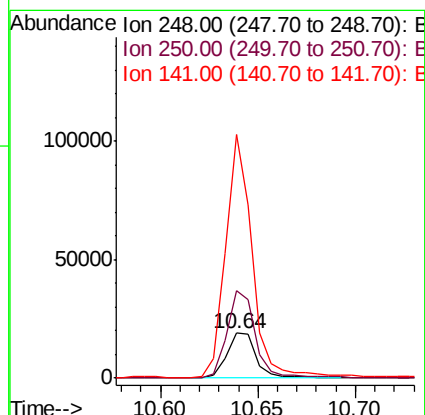
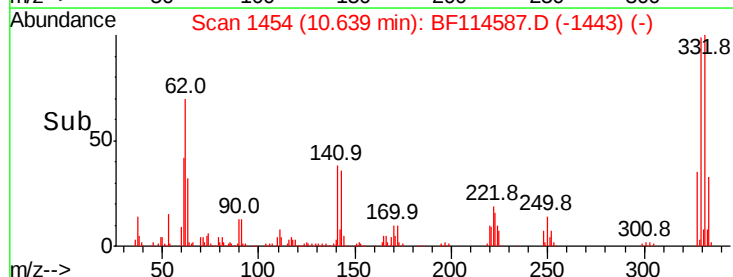
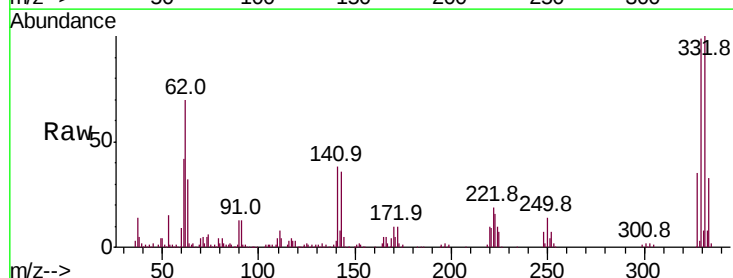
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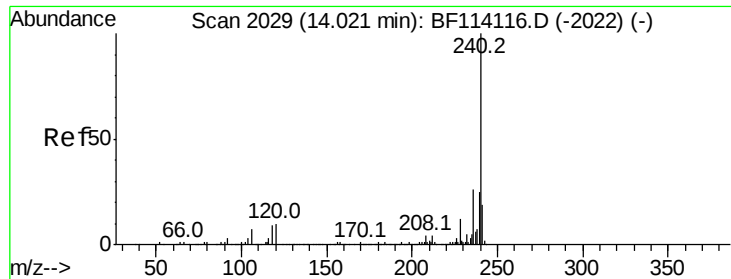
Tot Ion:188 Resp: 531576
Ion Ratio Lower Upper
188 100
94 9.6 8.4 12.6
80 10.7 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.379 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF114587.D
Acq: 24 May 2019 23:10

Tgt Ion:248 Resp: 19777
Ion Ratio Lower Upper
248 100
250 194.9 77.4 116.2#
141 539.1 55.6 83.4#

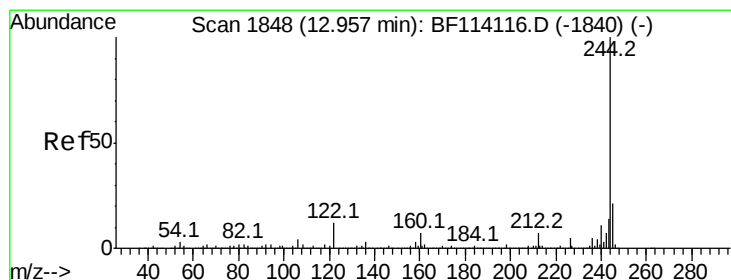
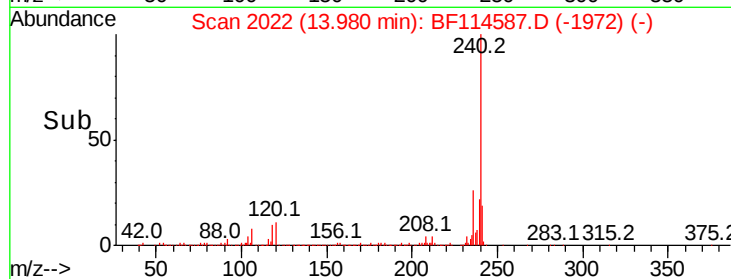
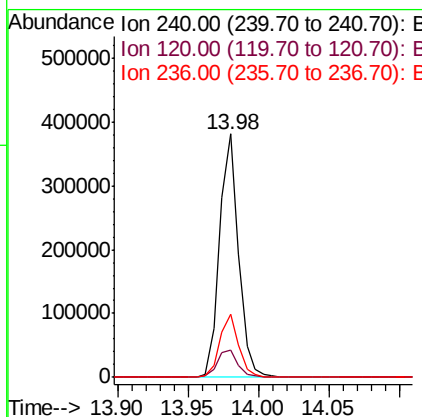
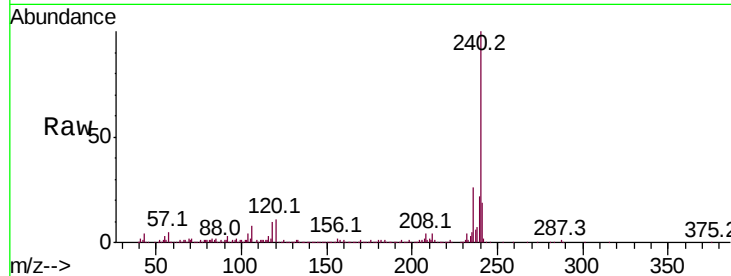




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114587.D
 Acq: 24 May 2019 23:10

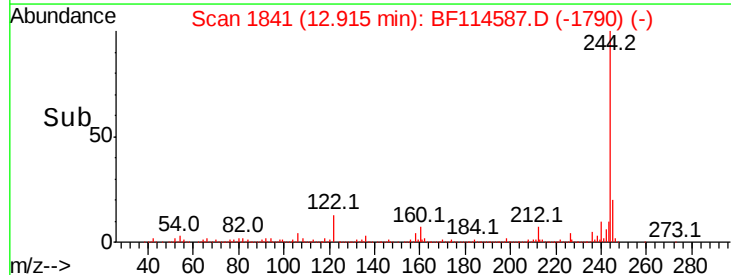
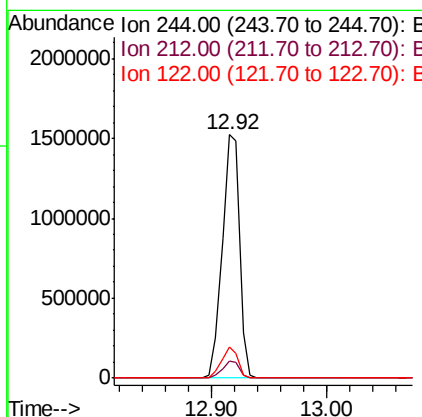
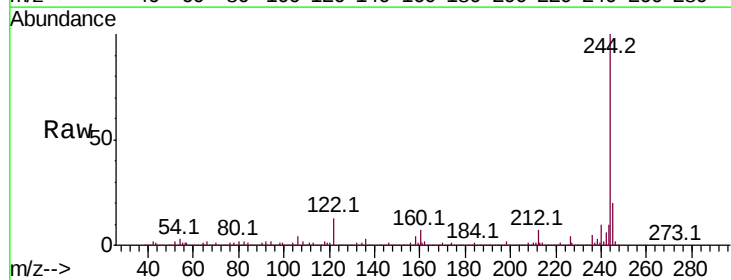
Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-3(OWS)-

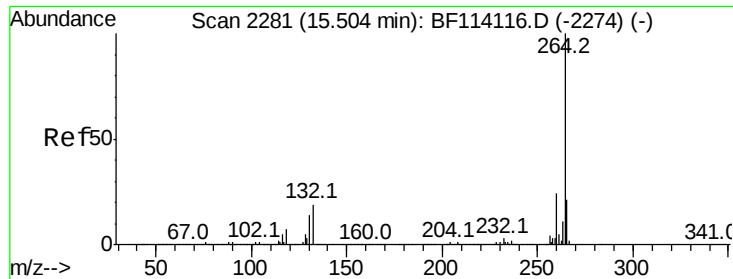
Tot Ion:240 Resp: 358022
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.3 12.5
 236 26.2 20.8 31.2



#79
 Terphenyl-d14
 Concen: 91.155 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114587.D
 Acq: 24 May 2019 23:10

Tgt Ion:244 Resp: 1583147
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 12.7 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114587.D
 Acq: 24 May 2019 23:10

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-3(OWS)-

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	20.9	16.9	25.3

