

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 00:30:33 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

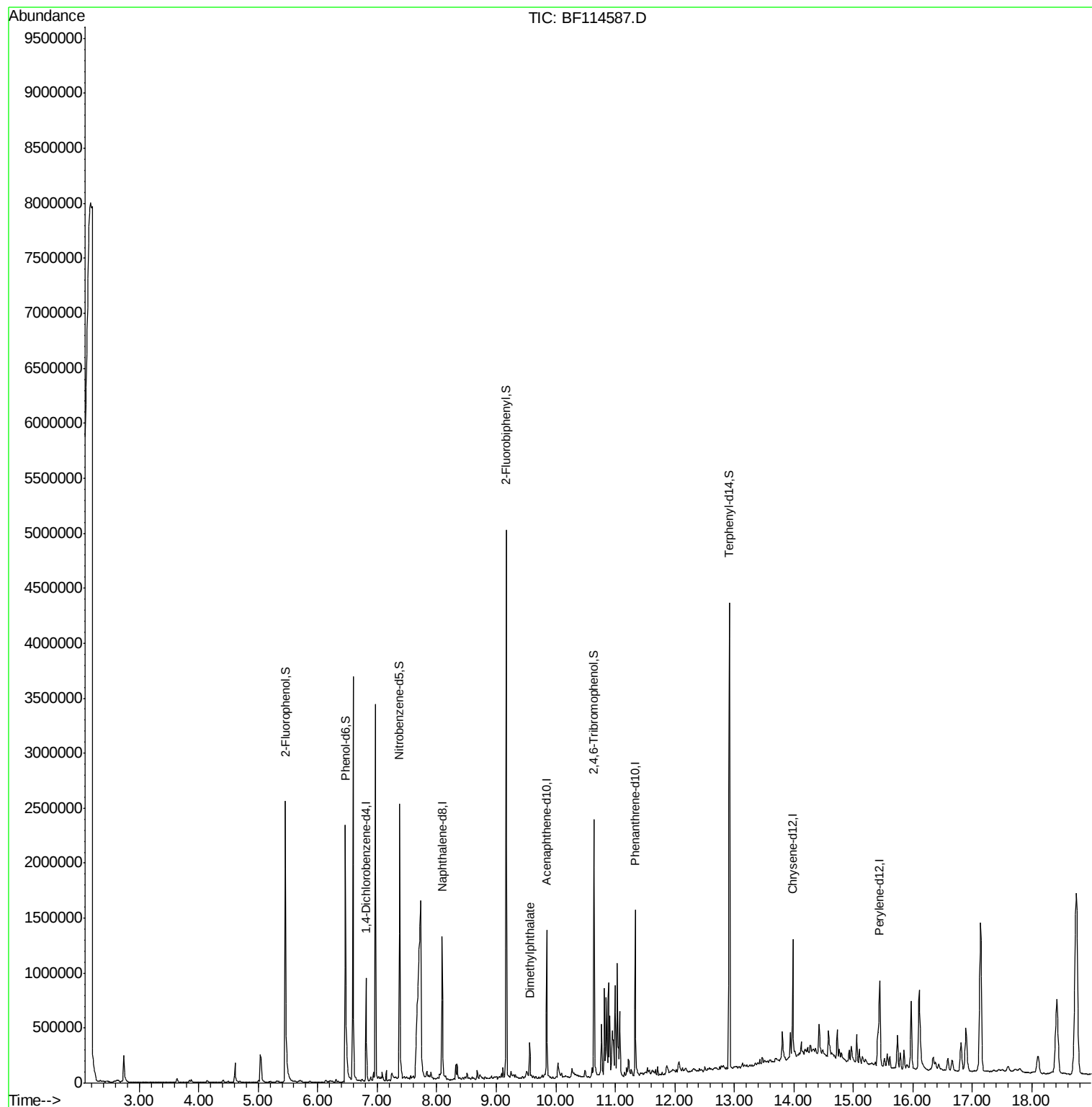
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149090	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	561949	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	268267	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	531576	20.00	ng	0.00
76) Chrysene-d12	13.98	240	358022	20.00	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						
50) Dimethylphthalate	9.56	163	87048	4.420	ng	Qvalue 100

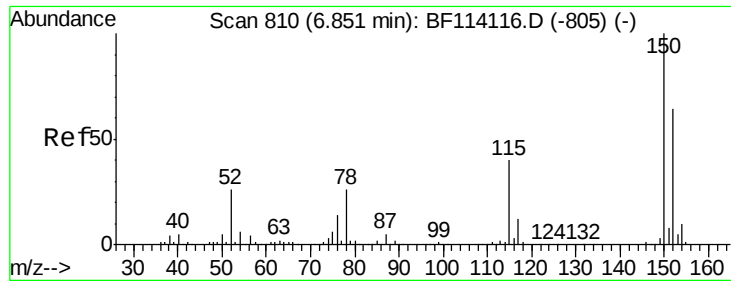
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 25 00:30:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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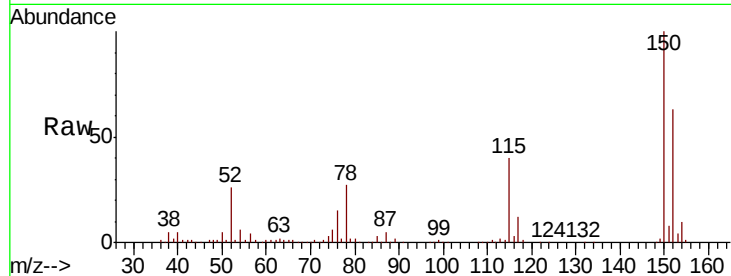


#1

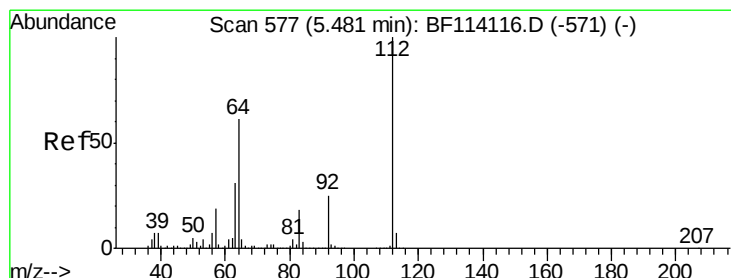
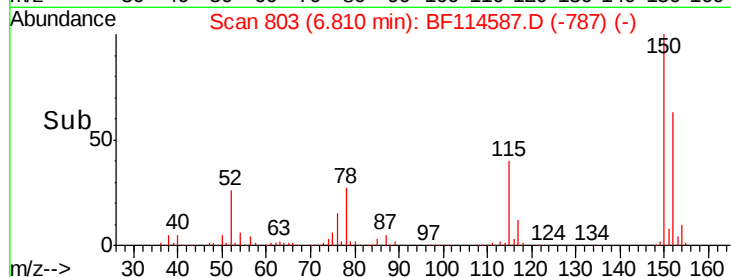
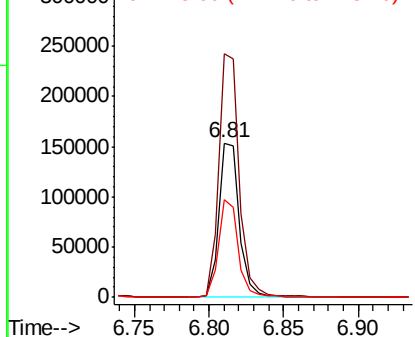
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114587.D
Acq: 24 May 2019 23:10

Instrument :
BNA_F
ClientSampleId :
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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



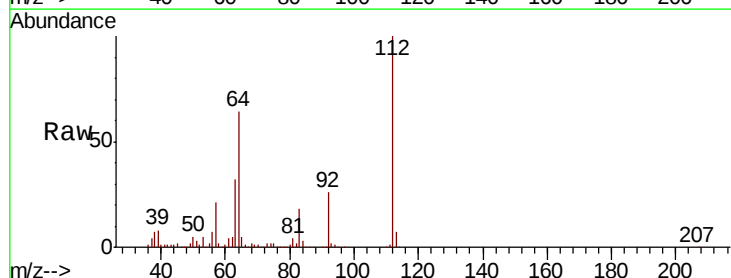
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



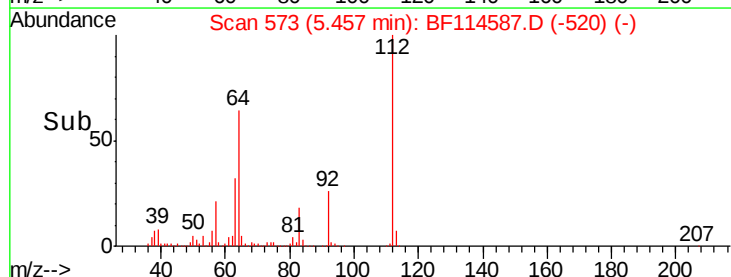
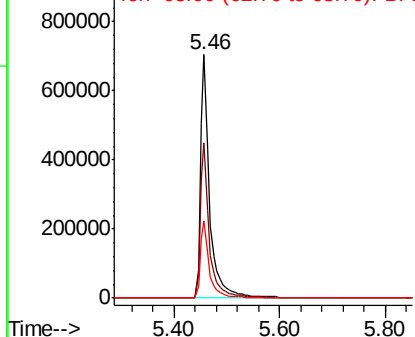
#5

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)-

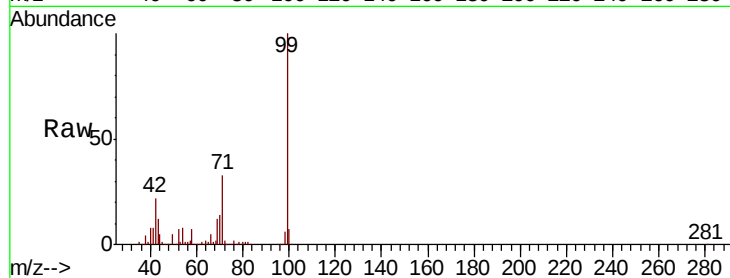
Tot Ion: 99 Resp: 984976

Ion Ratio Lower Upper

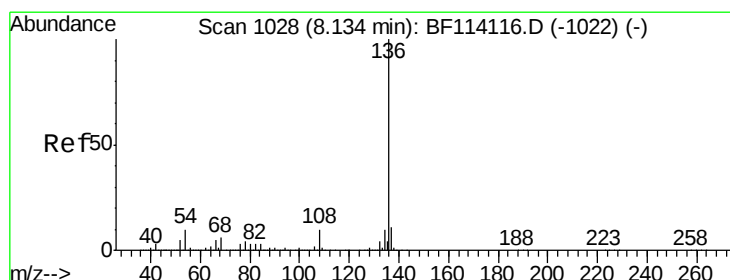
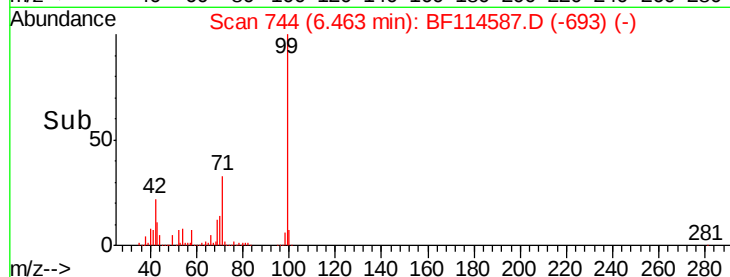
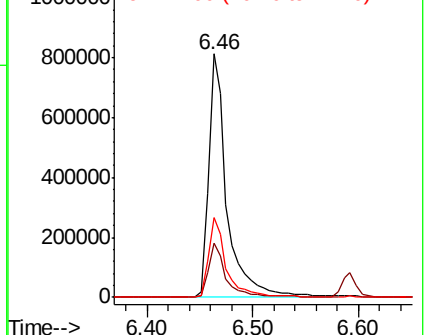
99 100

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

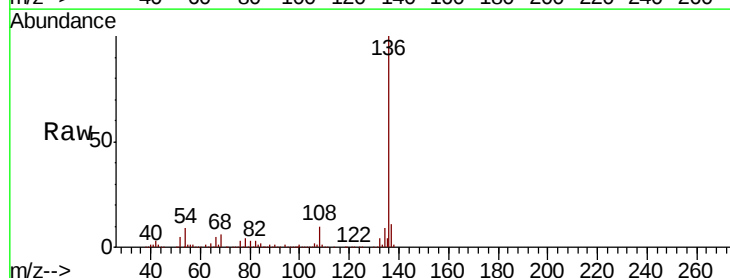
Ion Ratio Lower Upper

136 100

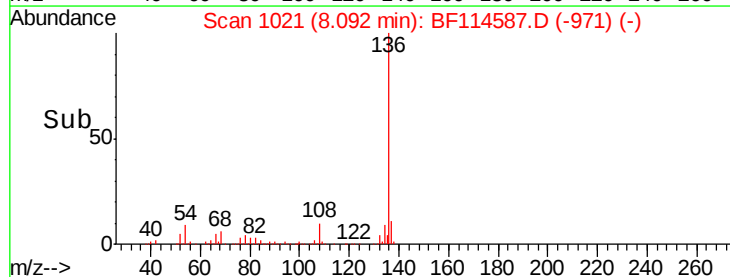
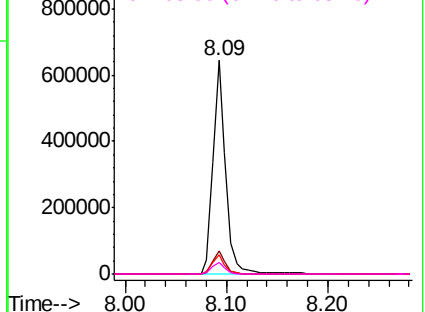
137 11.0 8.8 13.2

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

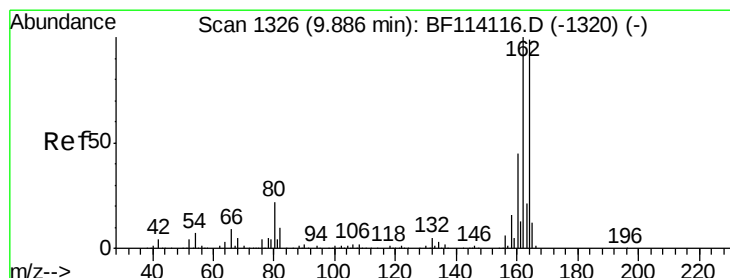
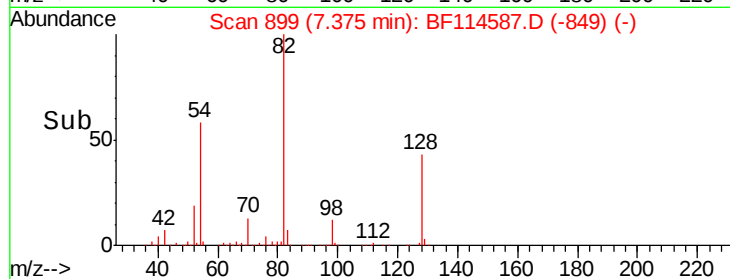
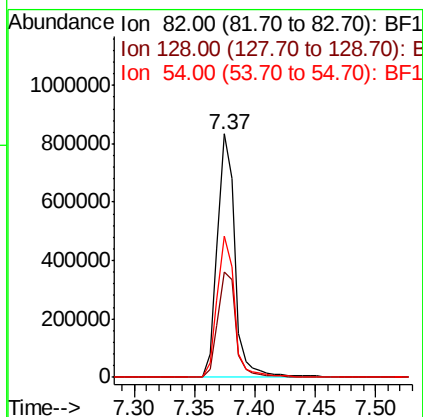
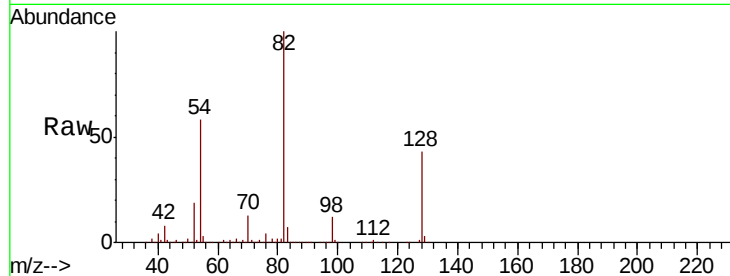




#23
Nitrobenzene-d5
Concen: 83.478 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114587.D
Acq: 24 May 2019 23:10

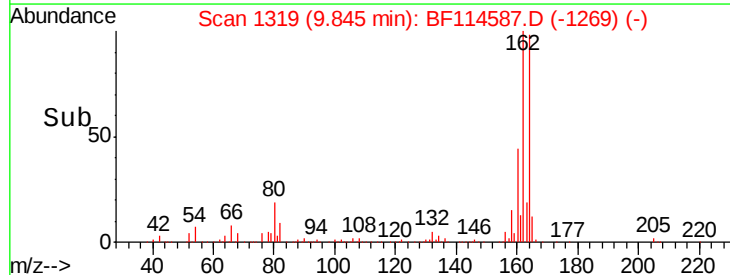
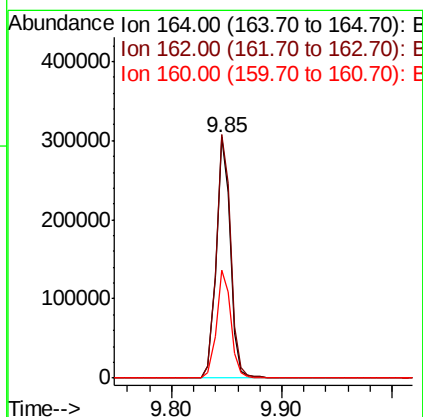
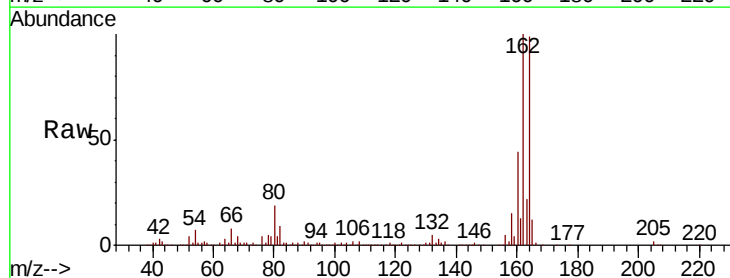
Instrument :
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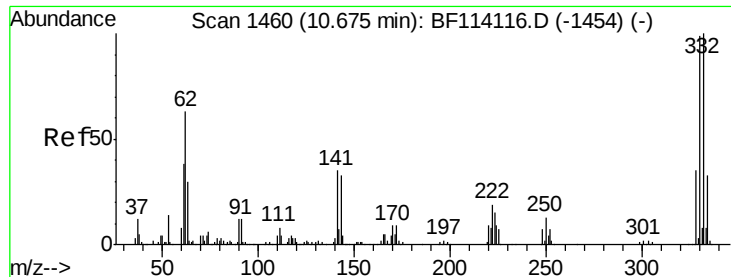
Tot Ion	82	Resp	835889
Ion Ratio	Lower	Upper	
82	100		
128	43.4	35.5	53.3
54	58.2	48.5	72.7



#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)-

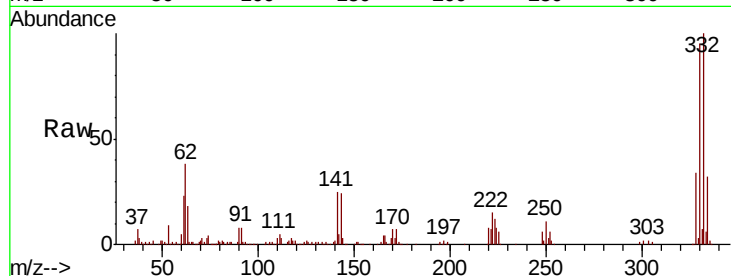
Tot Ion:330 Resp: 288360

Ion Ratio Lower Upper

330 100

332 103.1 81.4 122.2

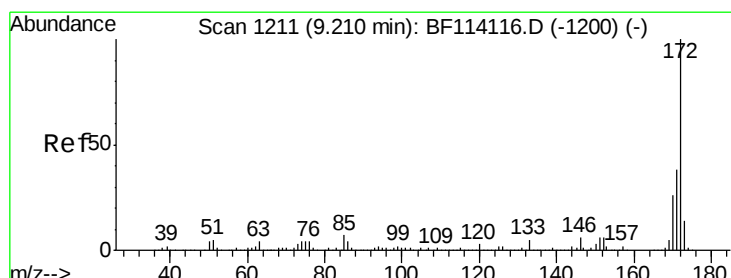
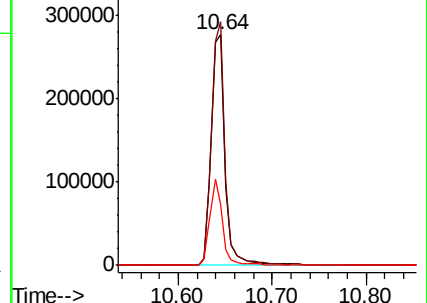
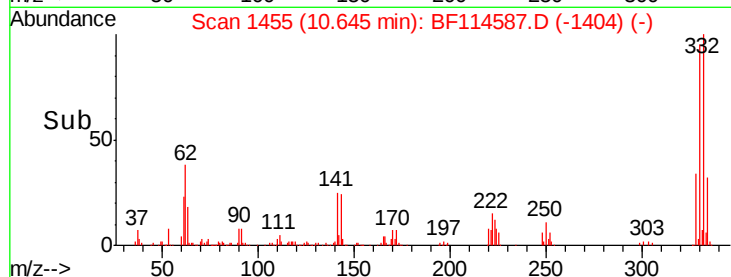
141 33.4 26.6 40.0



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

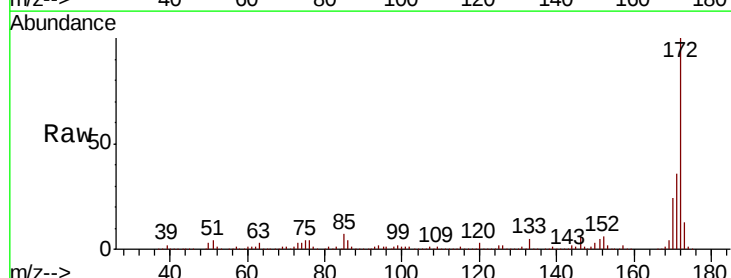
Tgt Ion:172 Resp: 1497069

Ion Ratio Lower Upper

172 100

171 36.1 30.7 46.1

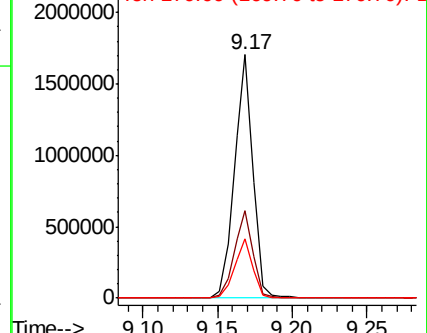
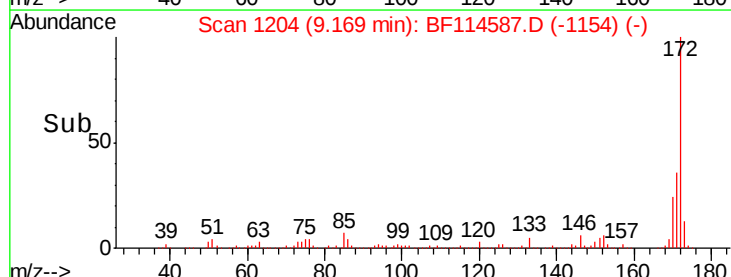
170 24.1 20.5 30.7

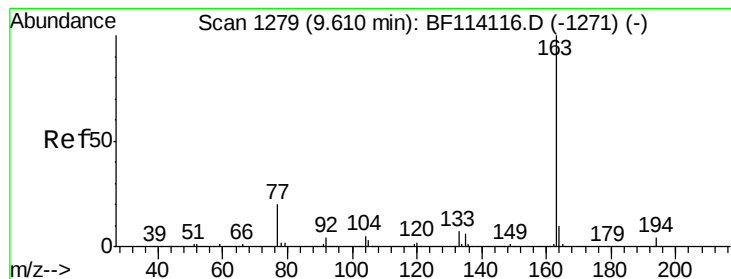


Abundance Ion 172.00 (171.70 to 172.70): E

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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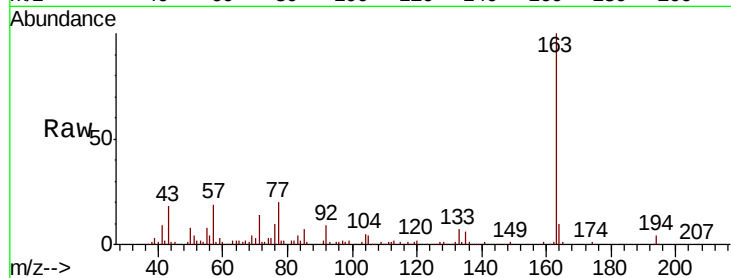
Tot Ion:163 Resp: 87048

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

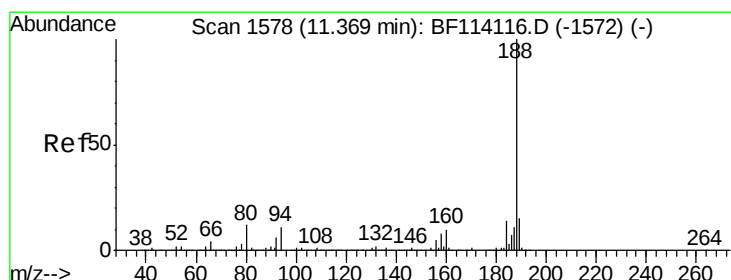
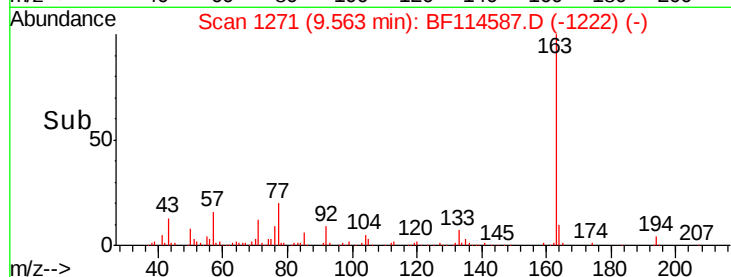
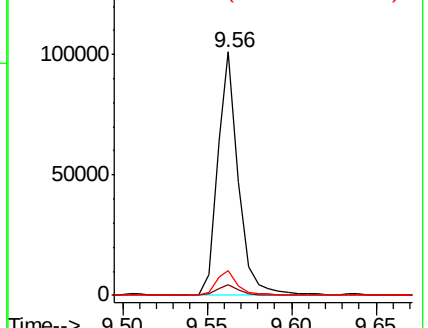
164 10.2 8.2 12.2



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



#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

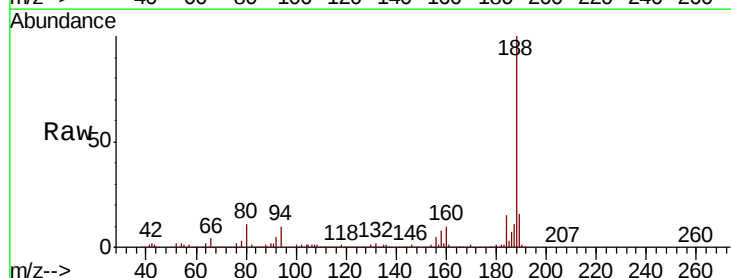
Tgt Ion:188 Resp: 531576

Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

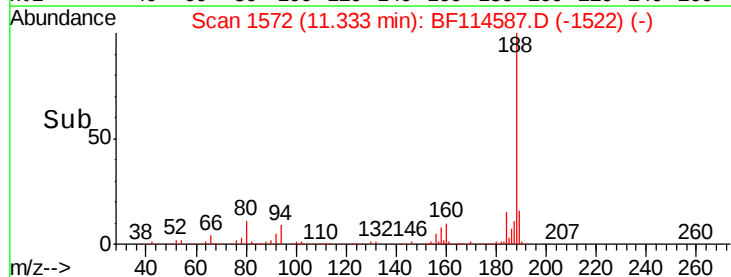
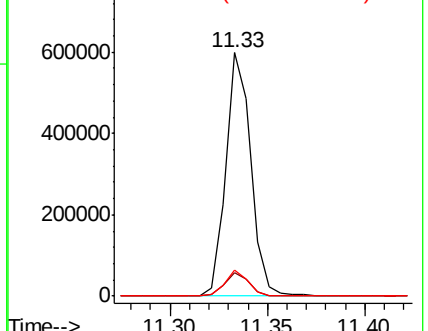
80 10.7 9.2 13.8

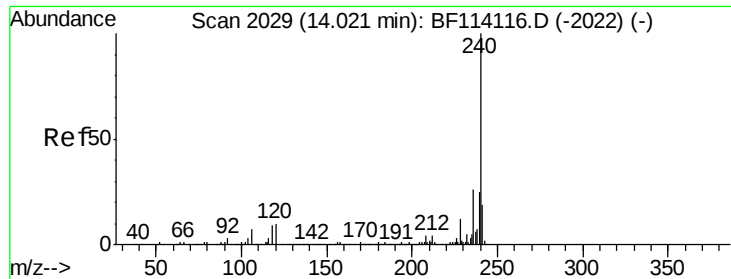


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

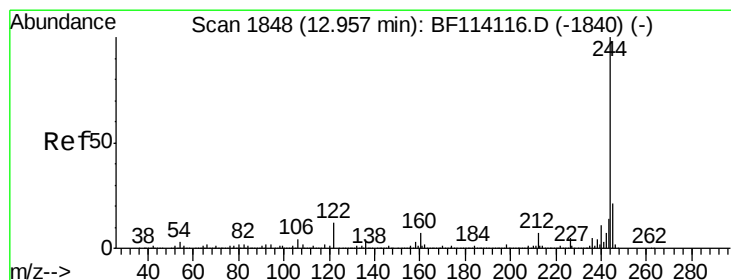
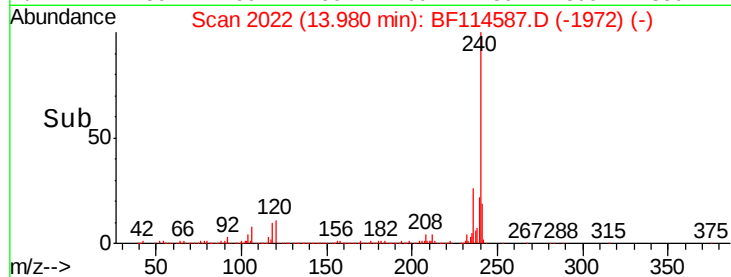
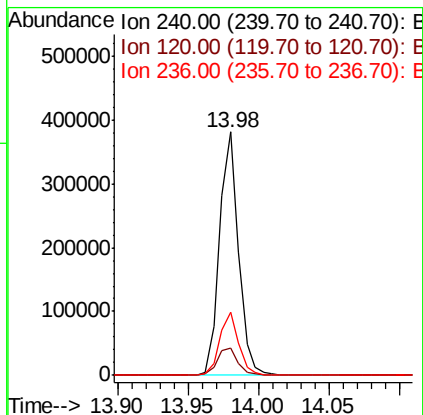
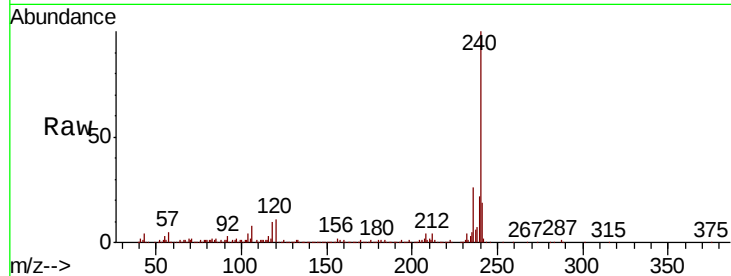




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114587.D
 Acq: 24 May 2019 23:10

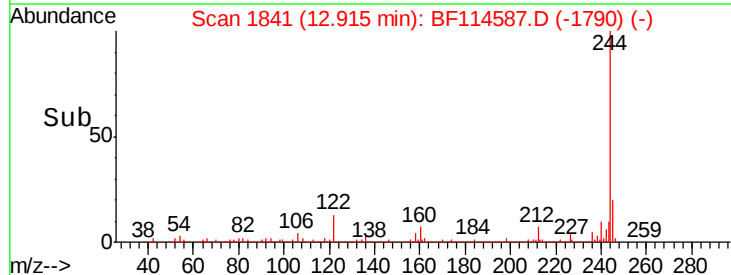
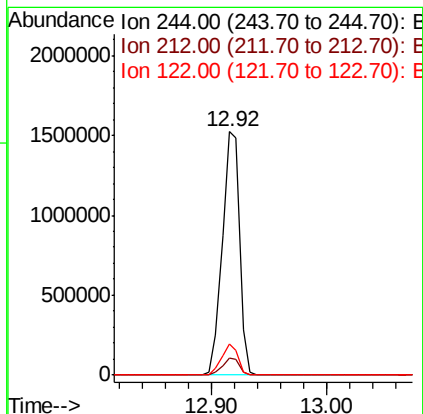
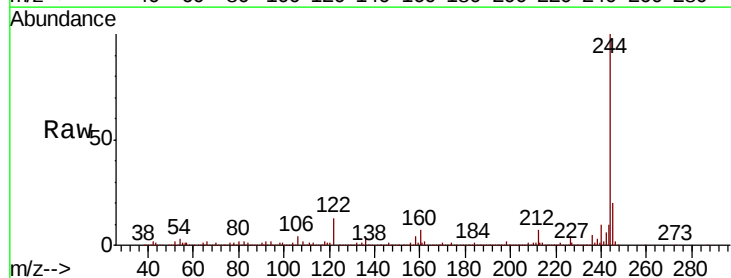
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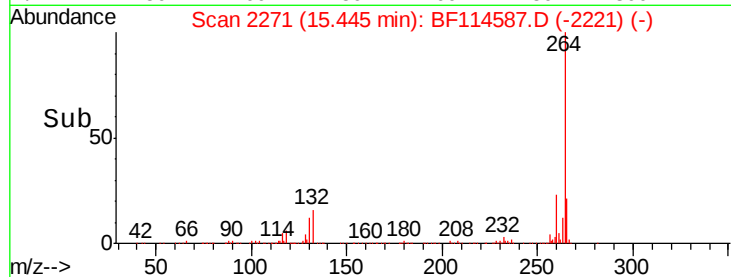
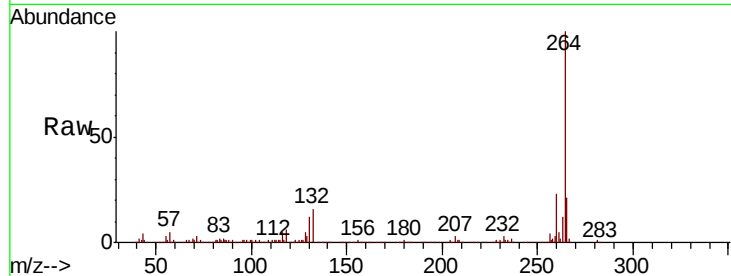
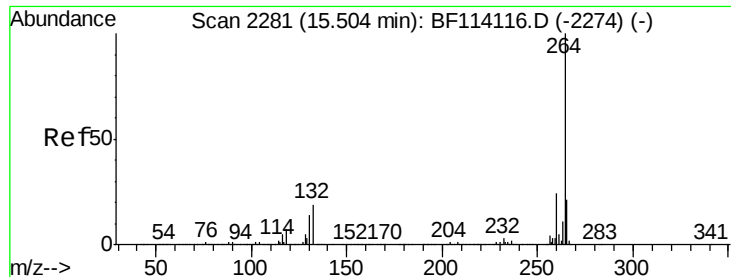
Tot Ion:240 Resp: 358022
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.3 12.5
 236 26.2 20.8 31.2



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

