

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103360.D
 Acq On : 2 Mar 2018 12:24
 Operator : SJ/JU
 Sample : J1709-04DL 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATERDL

Manual Integrations
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Quant Time: Mar 02 14:15:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117723	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	440346	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	190384	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	318598	20.00	ng	0.00
75) Chrysene-d12	14.06	240	323422	20.00	ng	0.00
86) Perylene-d12	15.57	264	280656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	6468	0.83	ng	0.02
7) Phenol-d6	6.53	99	11240	1.18	ng	0.01
23) Nitrobenzene-d5	7.42	82	39405	5.11	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	158	0.10	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.00	244	11111	0.83	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	375567	17.421	ng	Qvalue # 92
37) 2-Methylnaphthalene	8.88	142	613717	44.048	ng	99
45) 1,1'-Biphenyl	9.34	154	118777	7.445	ng	97
70) Phenanthrene	11.45	178	84499	4.819	ng	# 90
77) Pyrene	12.87	202	53987	2.141	ng	95

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

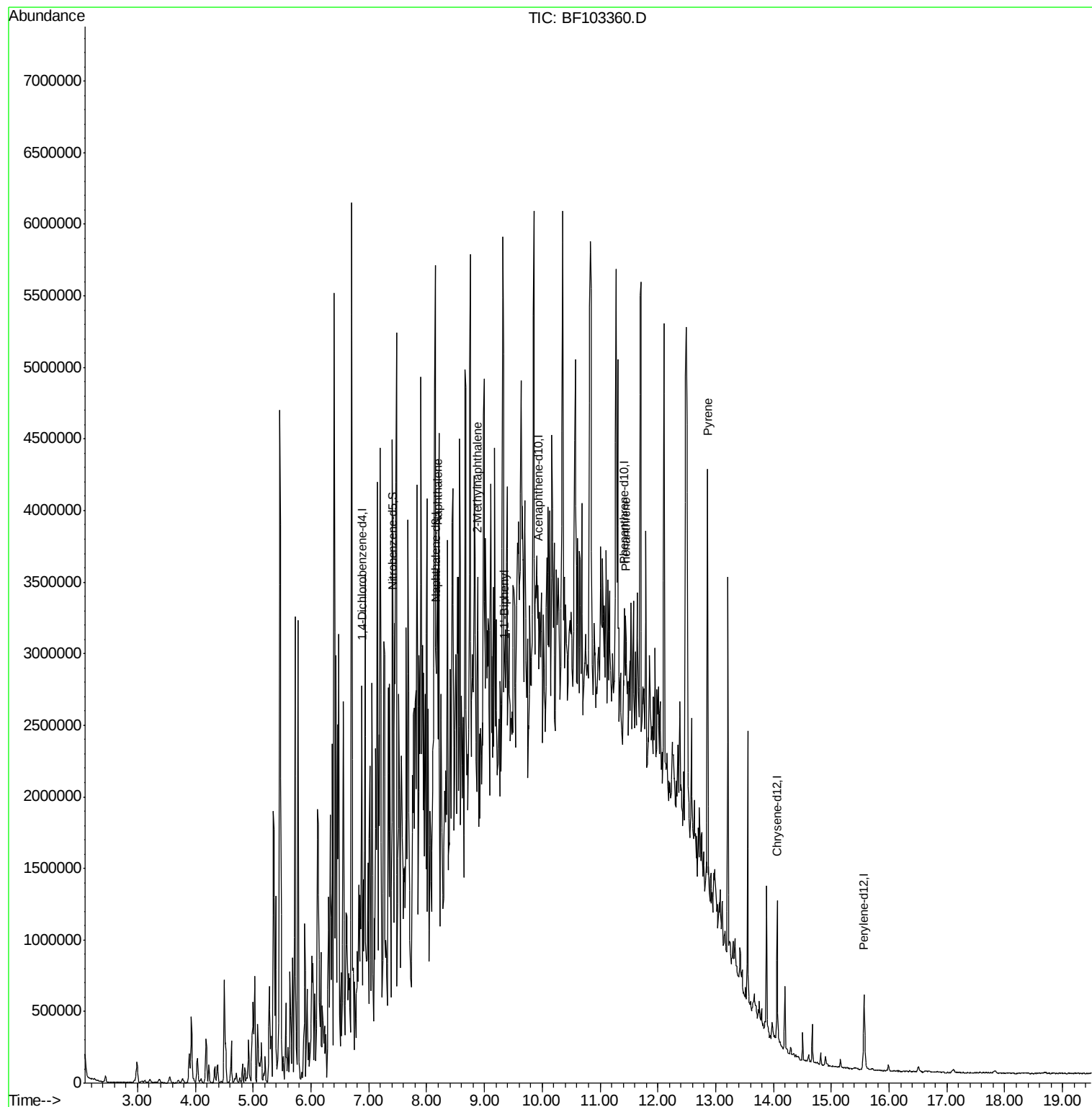
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103360.D
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ALS Vial : 7 Sample Multiplier: 1

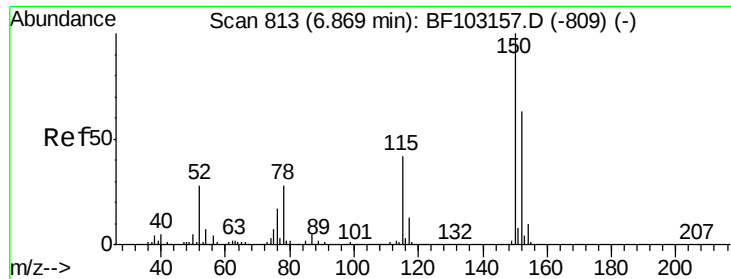
Instrument :
BNA_F
ClientSampleId :
OILY-WATERDL

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Quant Time: Mar 02 14:15:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

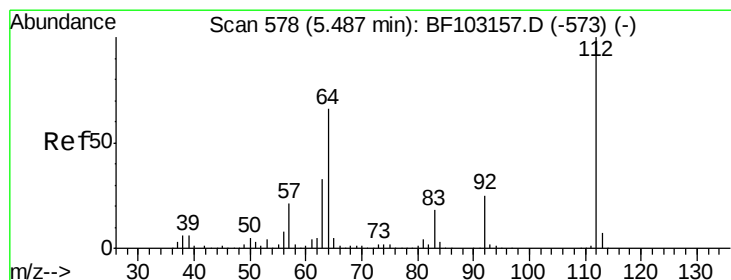
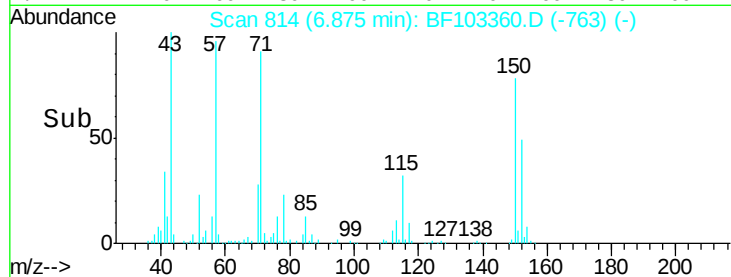
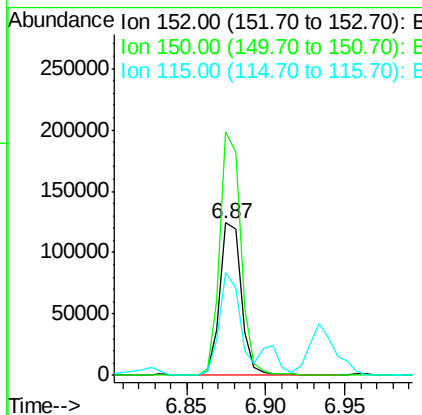
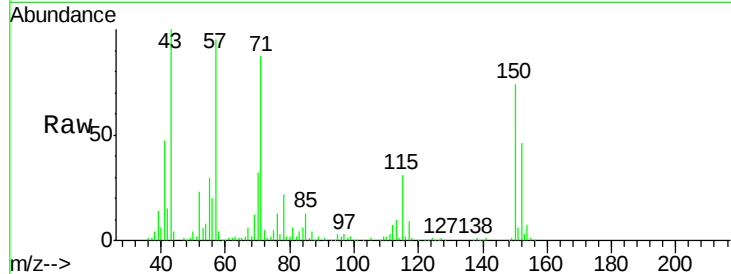
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103360.D
Acq: 2 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :
OILY-WATERDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	67.2	50.1	75.1

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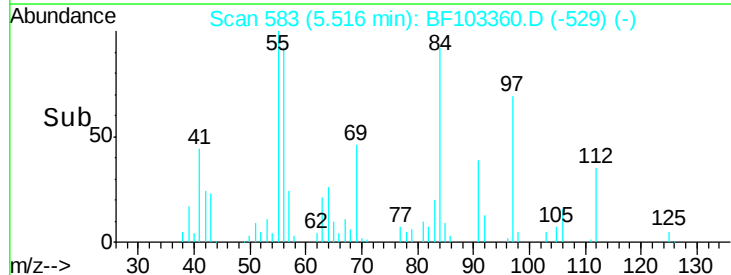
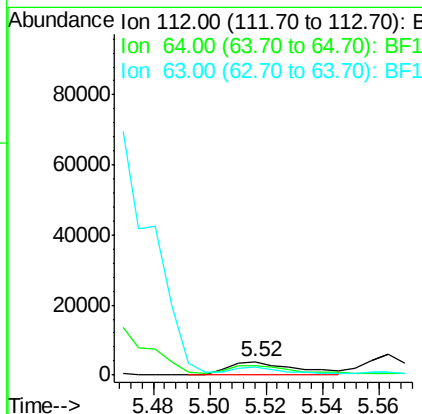
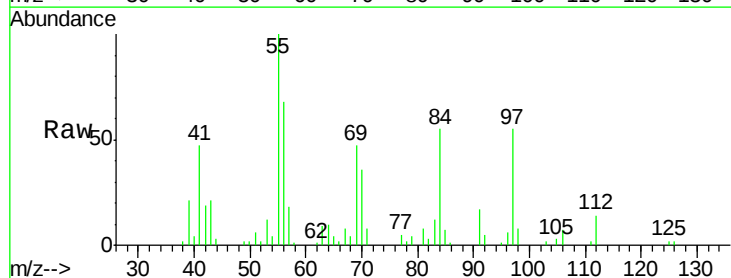
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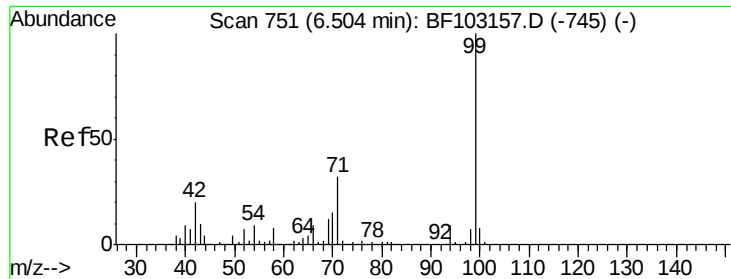


#5

2-Fluorophenol
Concen: 0.831 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103360.D
Acq: 2 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	47.9	71.9#
63	60.7	23.7	35.5#





#7

Phenol-d6

Concen: 1.180 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103360.D

Acq: 2 Mar 2018 12:24

Instrument :

BNA_F

ClientSampleId :

OILY-WATERDL

Tot Ion: 99 Resp: 11240

Ion Ratio Lower Upper

99 100

42 115.7 14.5 21.7#

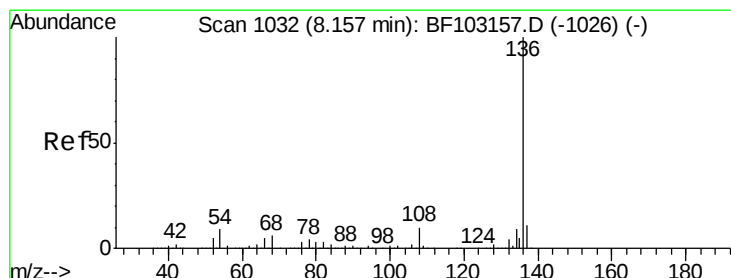
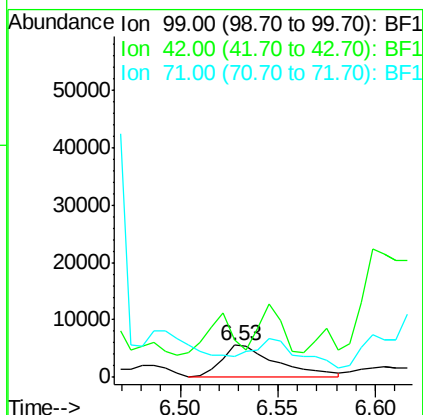
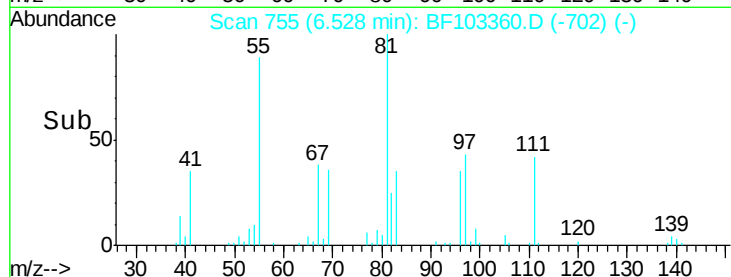
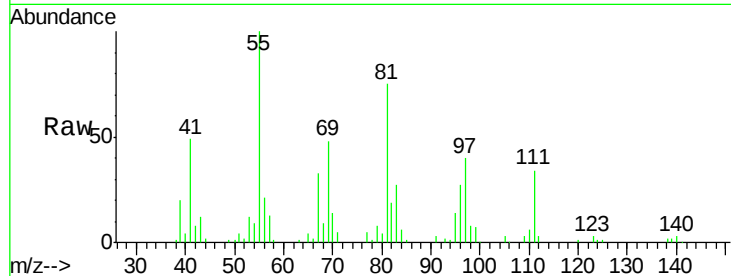
71 65.3 25.4 38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103360.D

Acq: 2 Mar 2018 12:24

Tgt Ion:136 Resp: 440346

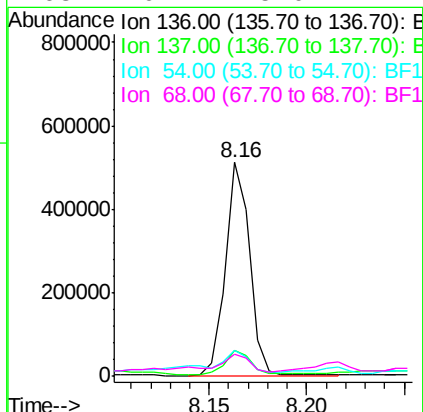
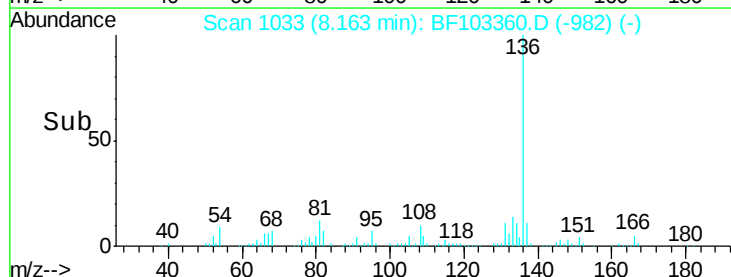
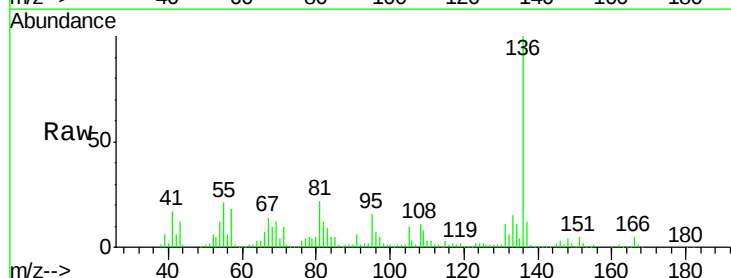
Ion Ratio Lower Upper

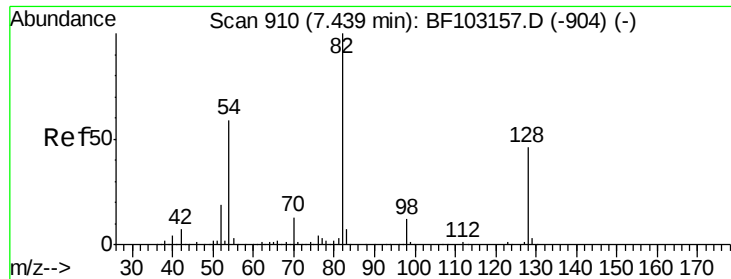
136 100

137 12.2 8.9 13.3

54 12.1 6.6 9.8#

68 10.1 5.0 7.4#





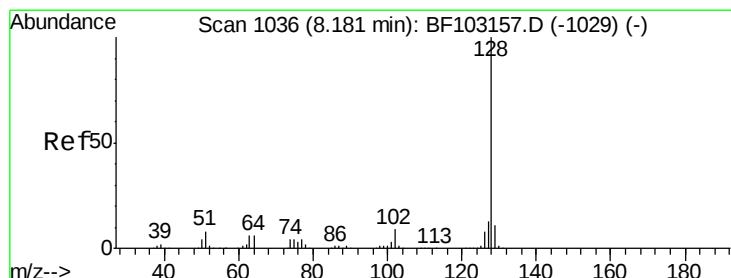
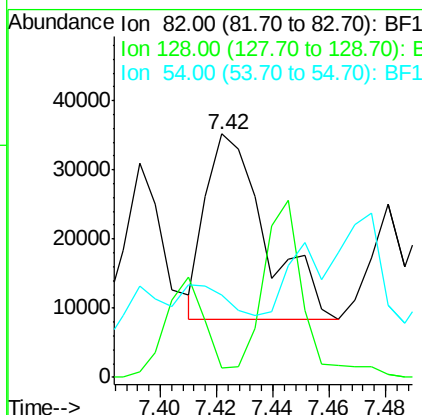
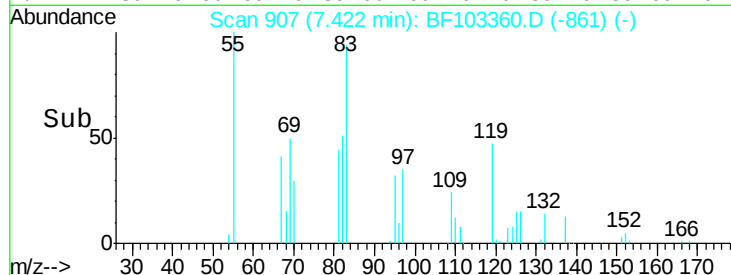
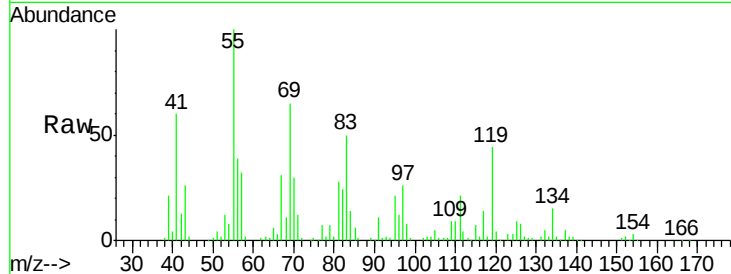
#23
Nitrobenzene-d5
Concen: 5.110 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF103360.D
Acq: 2 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :
OILY-WATERDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	3.7	36.1	54.1#
54	33.6	41.4	62.2#

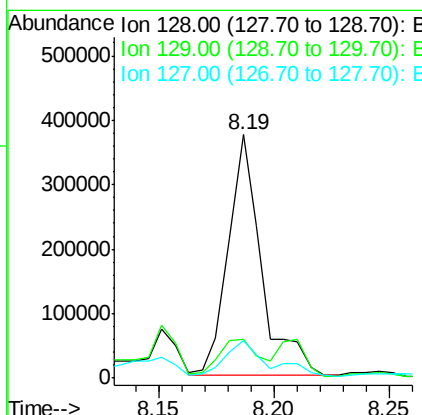
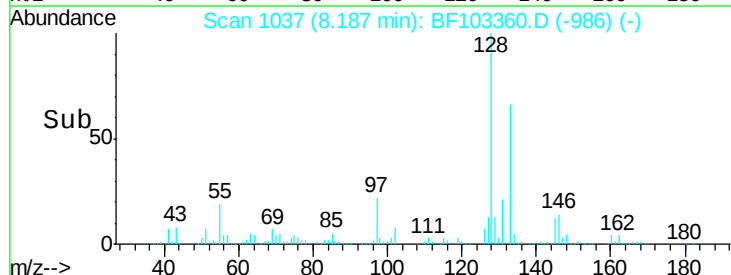
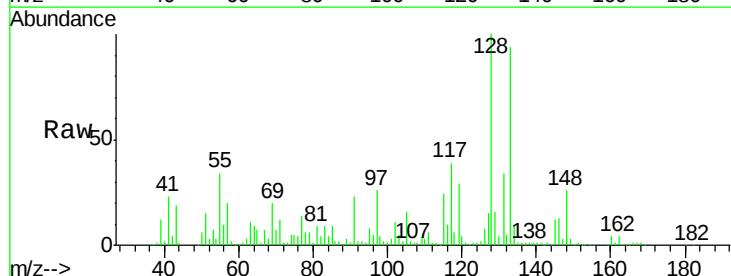
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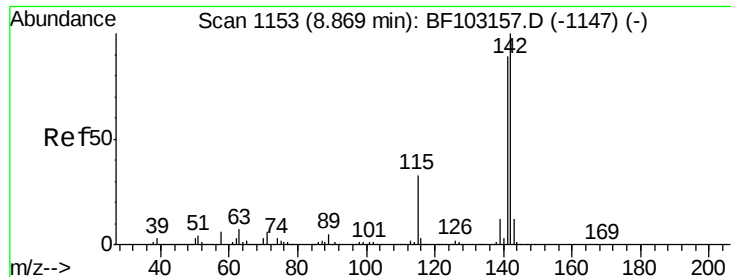
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#31
Naphthalene
Concen: 17.421 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF103360.D
Acq: 2 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.1	8.8	13.2#
127	15.2	10.9	16.3





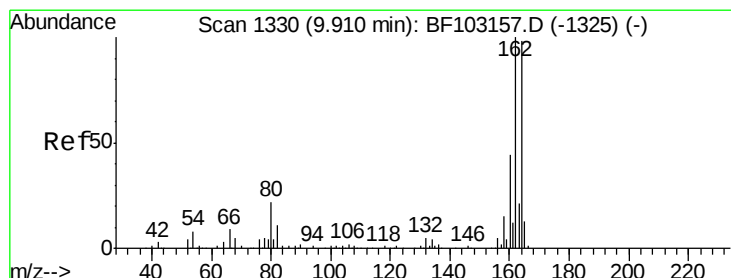
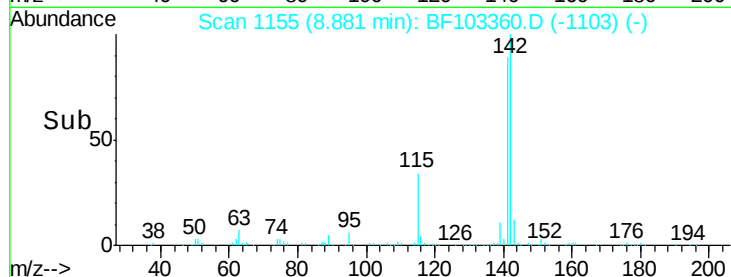
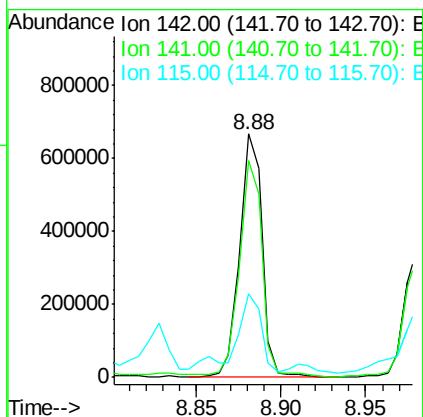
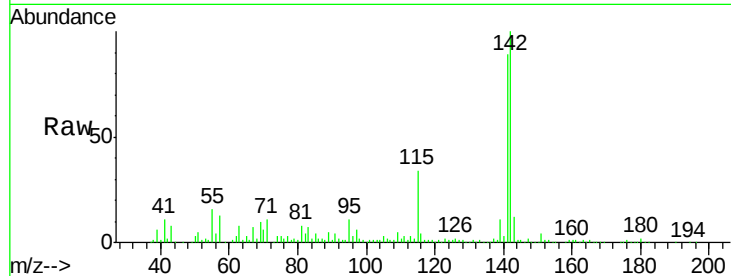
#37
2-Methylnaphthalene
Concen: 44.048 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BF103360.D
Acq: 2 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :
OILY-WATERDL

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	34.3	26.1	39.1

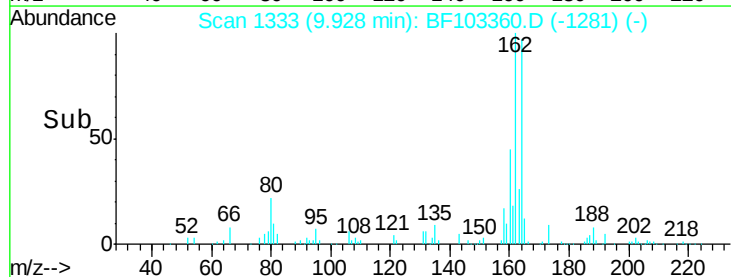
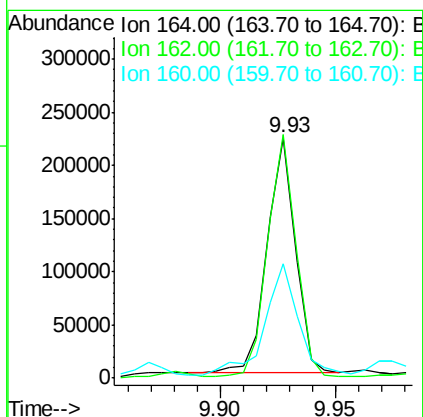
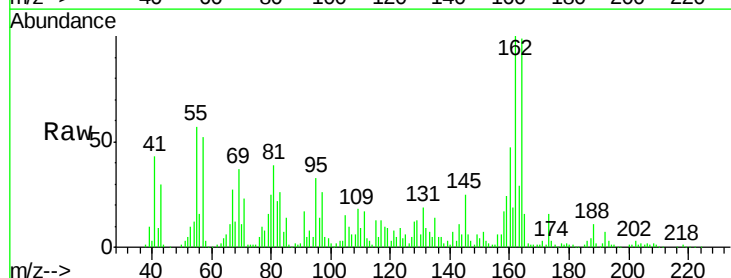
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF103360.D
Acq: 2 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	47.7	38.3	57.5





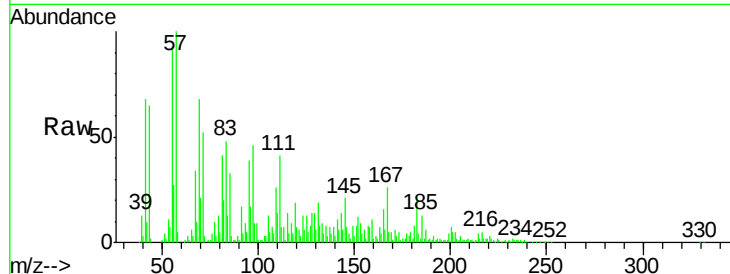
#41
 2,4,6-Tribromophenol
 Concen: 0.098 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF103360.D
 Acq: 2 Mar 2018 12:24

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATERDL

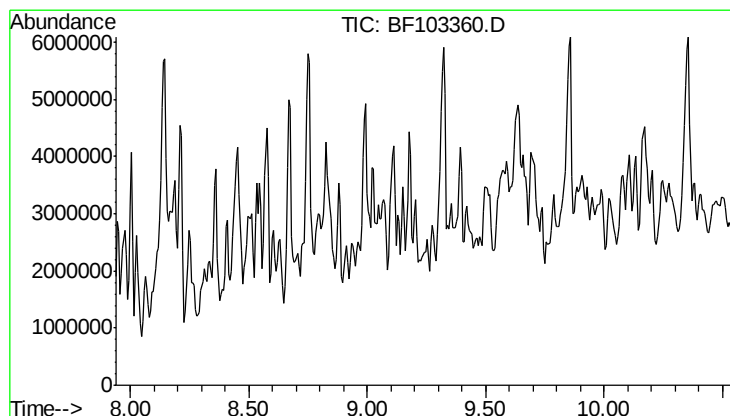
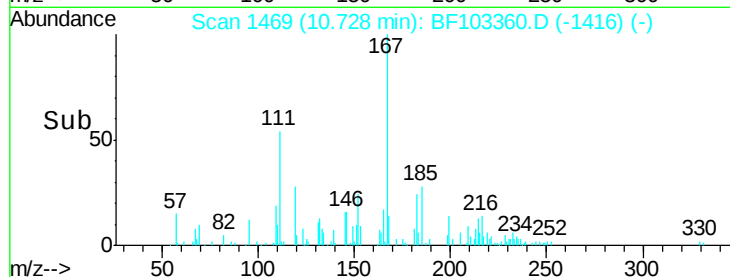
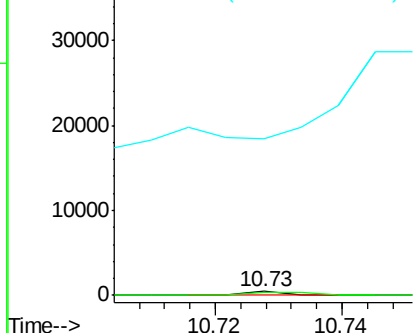
Tot Ion:330 Resp: 158
 Ion Ratio Lower Upper
 330 100
 332 177.2 77.0 115.6#
 141 1219.6 29.9 44.9

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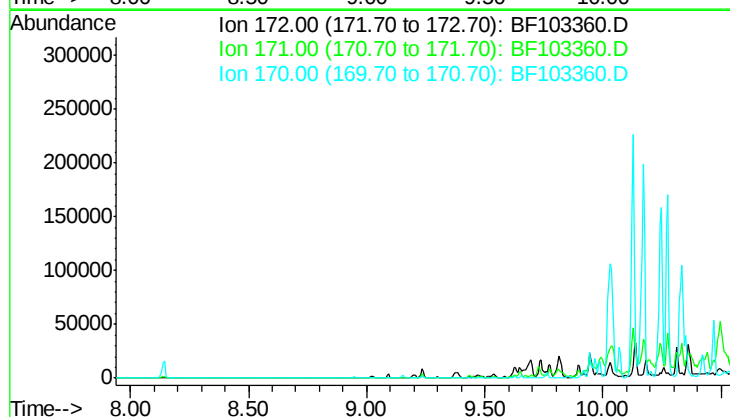
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

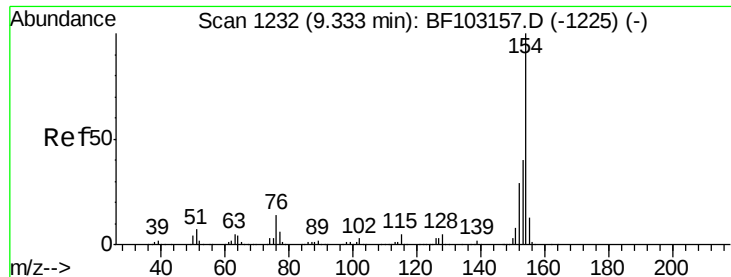


#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.24 min

Lab File: BF103360.D
 Acq: 2 Mar 2018 12:24

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5





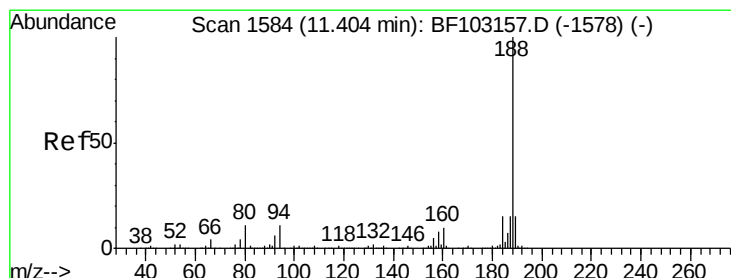
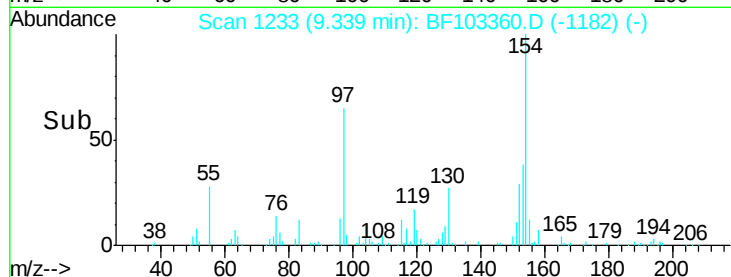
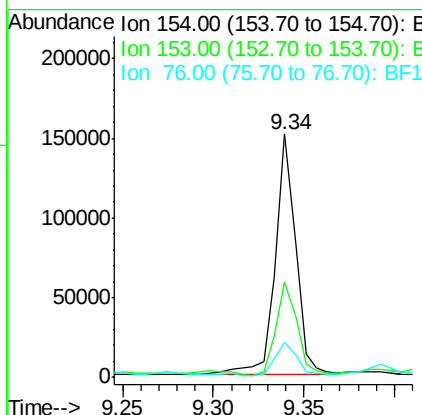
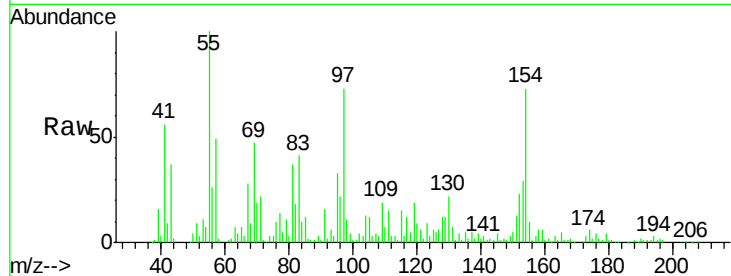
#45
 1,1'-Biphenyl
 Concen: 7.445 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF103360.D
 Acq: 2 Mar 2018 12:24

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATERDL

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.3	61.3
76	14.3	0.0	34.0

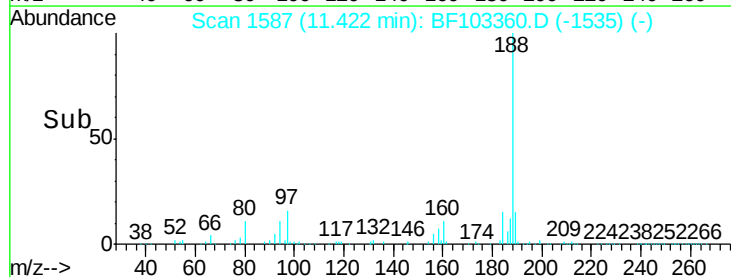
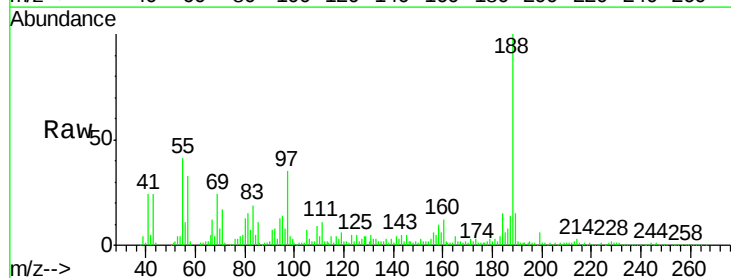
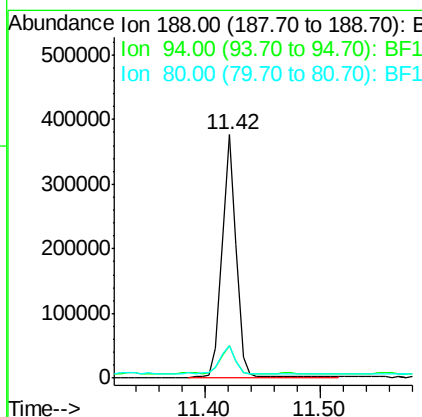
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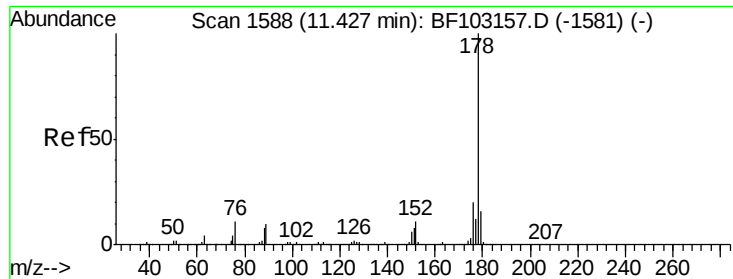
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF103360.D
 Acq: 2 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.2	8.5	12.7#
80	13.5	9.2	13.8





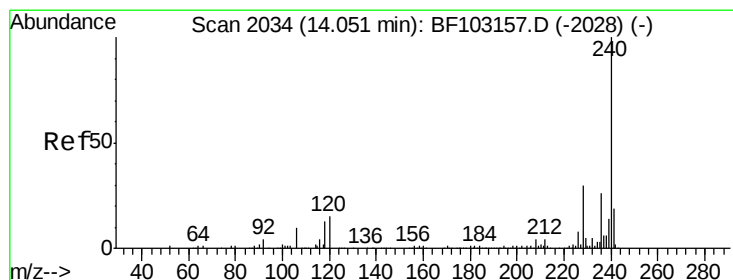
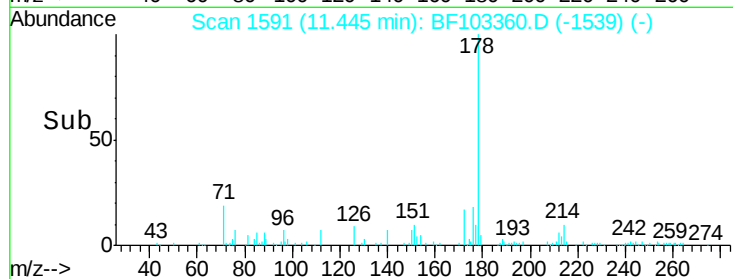
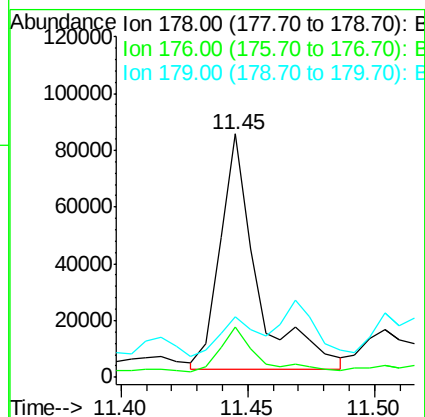
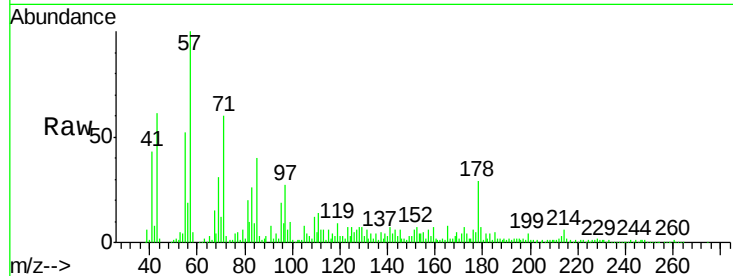
#70
Phenanthrene
Concen: 4.819 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF103360.D
Acq: 2 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :
OILY-WATERDL

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	25.0	13.0	19.6

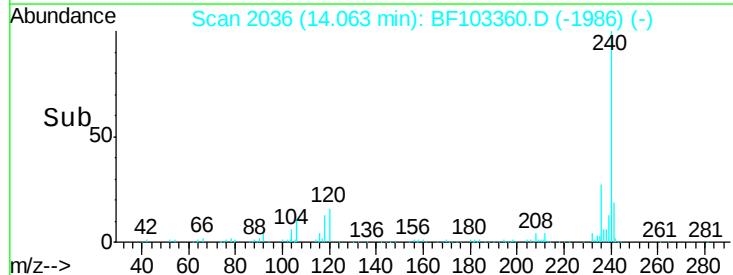
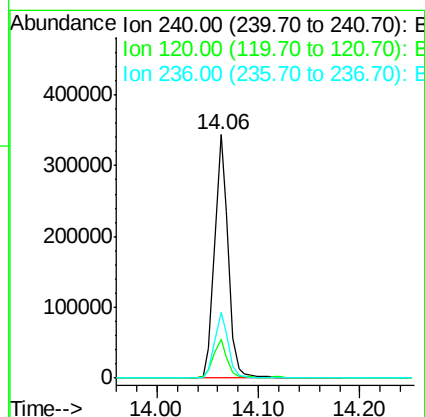
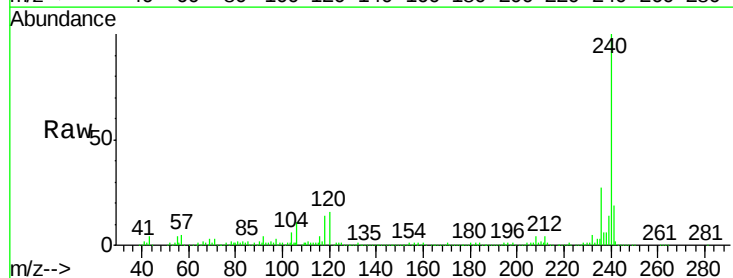
Manual Integrations
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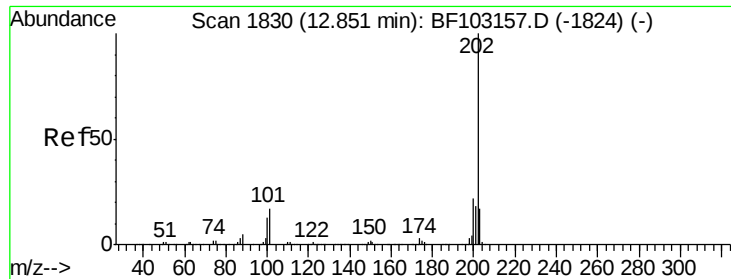
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103360.D
Acq: 2 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3
236	27.0	20.7	31.1





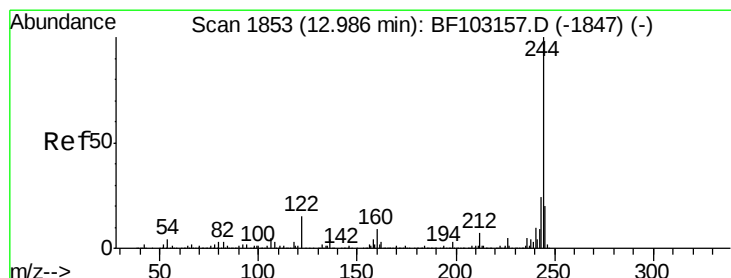
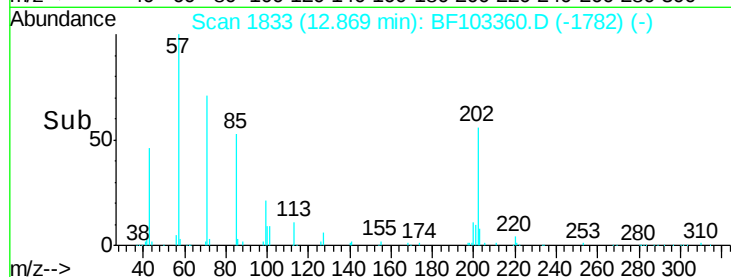
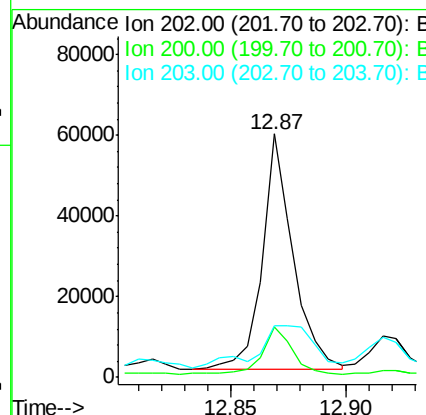
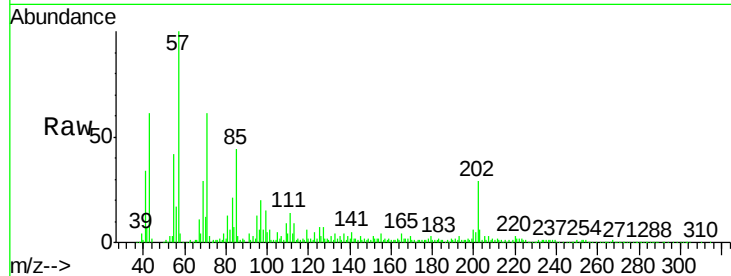
#77
Pvrene
Concen: 2.141 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BF103360.D
Acq: 2 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :
OILY-WATERDL

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	21.0	14.3	21.5

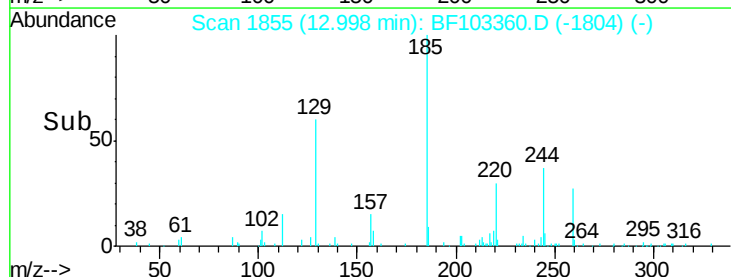
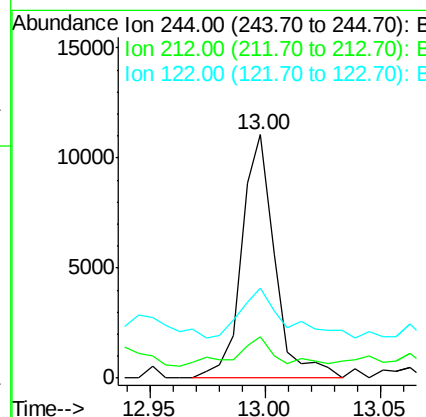
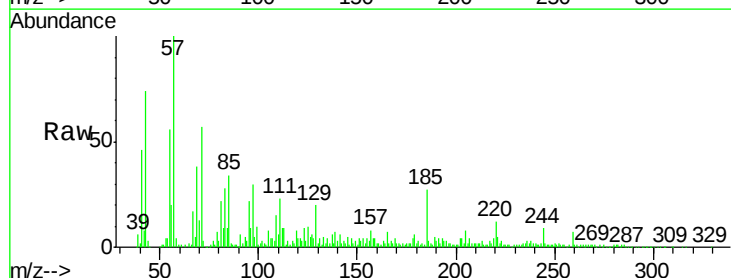
Manual Integrations
APPROVED

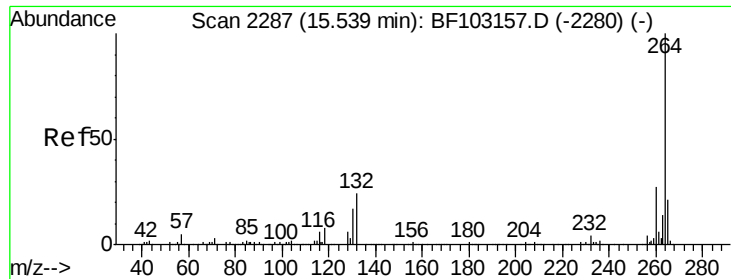
Sohil
3/5/2018 3:12:57 PM



#78
Terphenyl-d14
Concen: 0.826 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF103360.D
Acq: 2 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	17.2	5.4	8.0#
122	37.0	11.0	16.4#





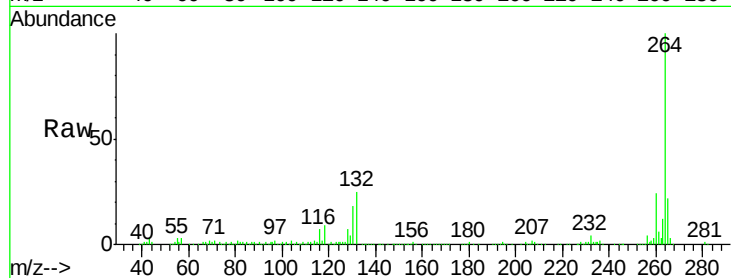
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103360.D
 Acq: 2 Mar 2018 12:24

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATERDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:12:57 PM



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

