

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103638.D
 Acq On : 14 Mar 2018 13:57
 Operator : SJ/JU
 Sample : J1893-01 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

Sohil

Quant Time: Mar 14 18:16:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114497	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	566558	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	254602	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	430449	20.00	ng	0.00
75) Chrysene-d12	14.06	240	237846	20.00	ng	0.00
86) Perylene-d12	15.57	264	223146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	56434m	7.45	ng	0.20
7) Phenol-d6	6.64	99	74351m	8.03	ng	0.14
23) Nitrobenzene-d5	7.51	82	49092m	4.95	ng	0.08
41) 2,4,6-Tribromophenol	10.72	330	9529	4.42	ng	0.02
44) 2-Fluorobiphenyl	9.22	172	76554	1.72	ng	0.00
78) Terphenyl-d14	12.98	244	59544	6.02	ng	0.00

Target Compounds Qvalue

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

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Misc :
ALS Vial : 3 Sample Multiplier: 1

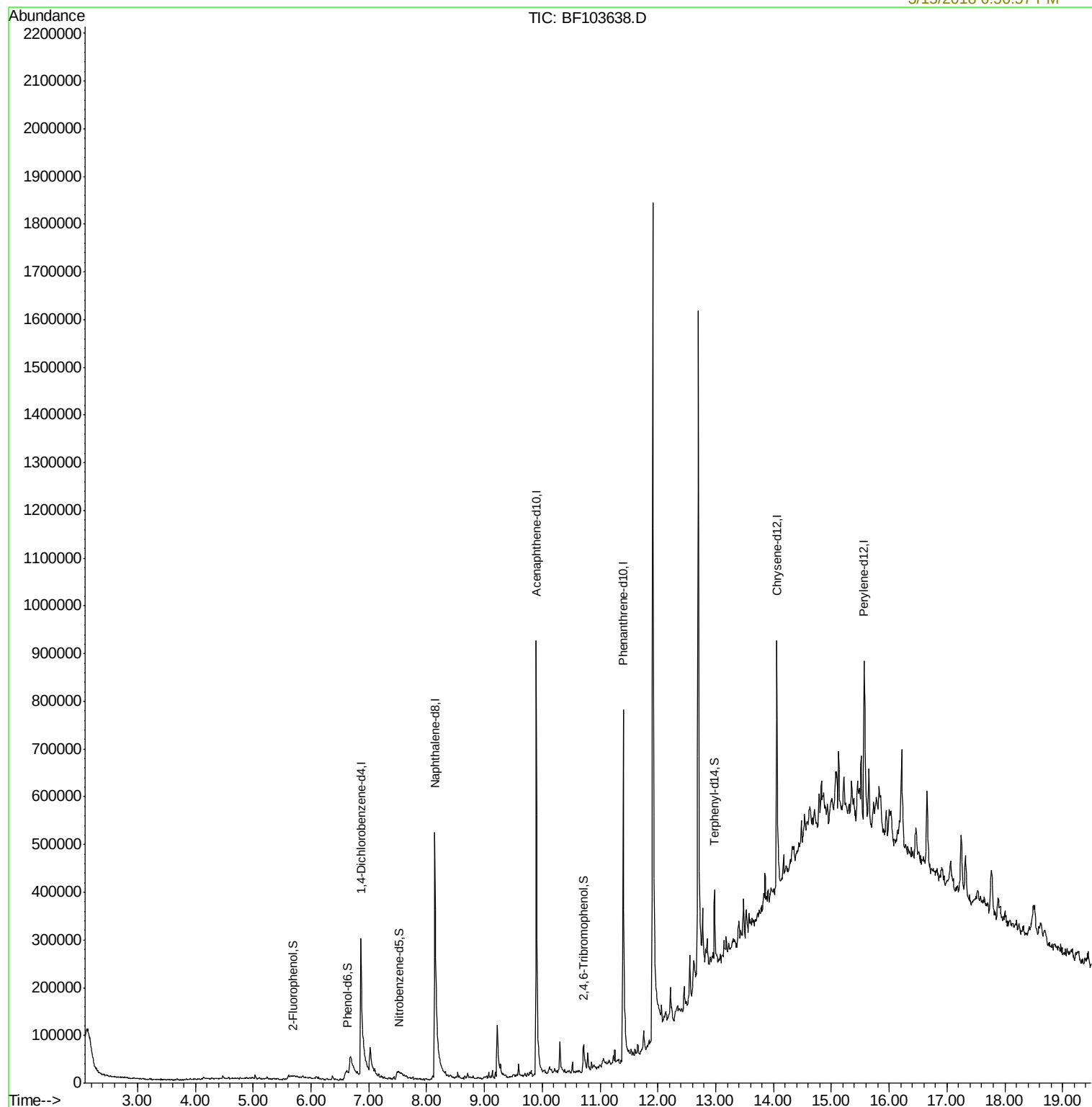
Instrument :
BNA_F
ClientSampleId :
TP-2

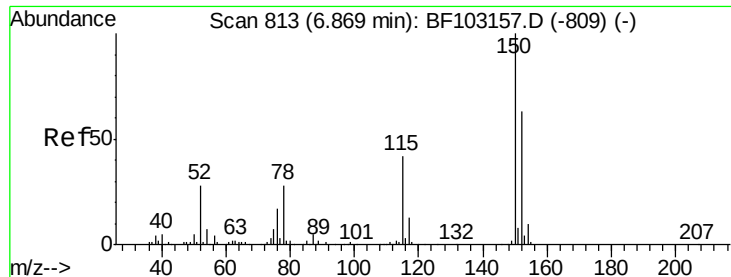
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

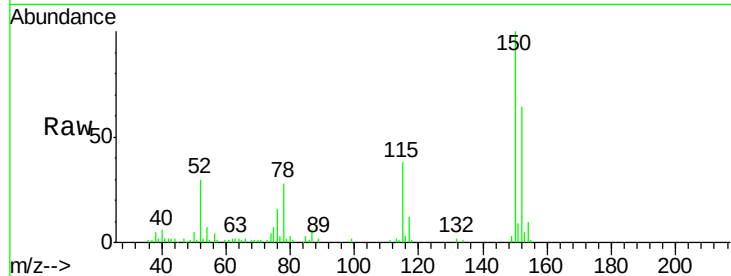
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103638.D
Acq: 14 Mar 2018 13:57

Instrument :
BNA_F
ClientSampled :
TP-2

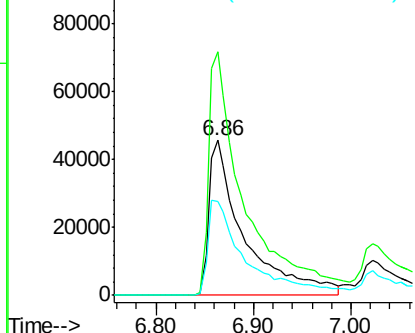
Tot Ion	Ion	Ratio	Lower	Upper
152	100			
150	157.4	124.6	186.8	
115	60.5	50.1	75.1	

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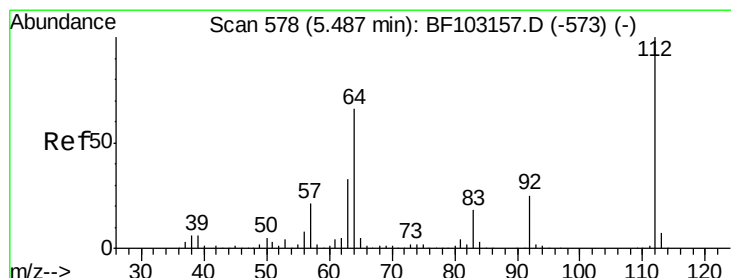
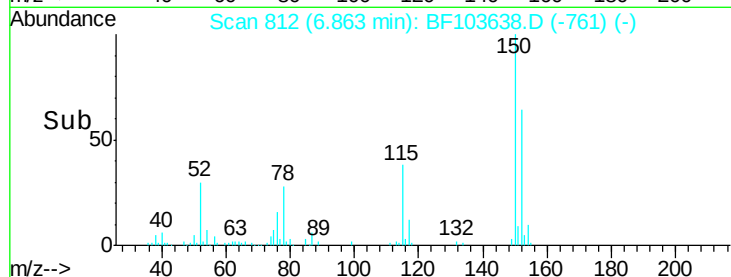
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



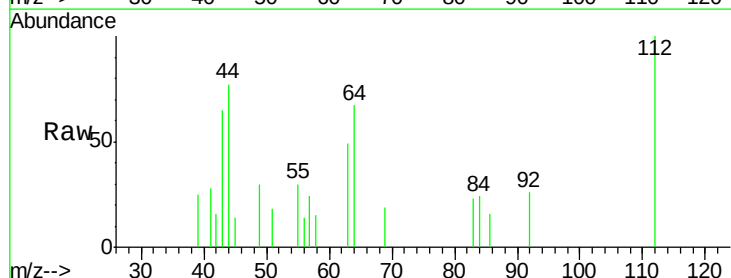
3/15/2018 6:56:57 PM



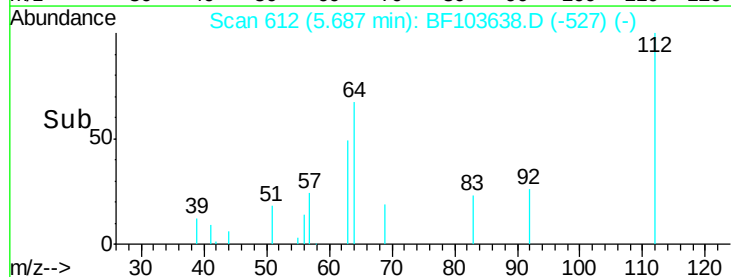
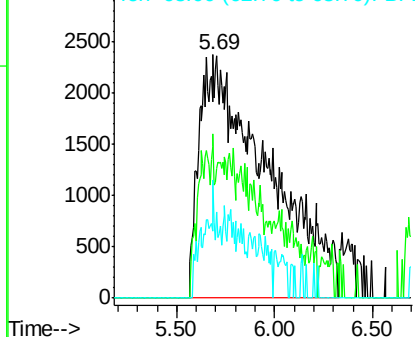
#5

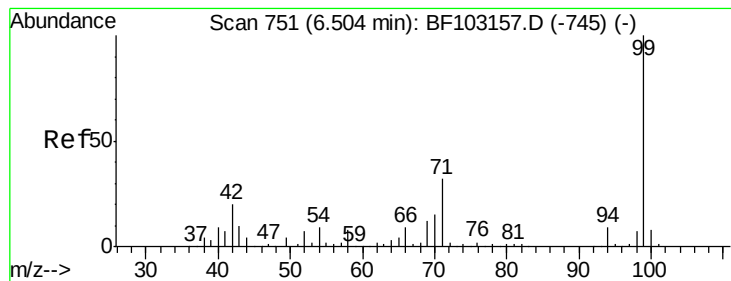
2-Fluorophenol
Concen: 7.455 ng m
RT: 5.69 min Scan# 612
Delta R.T. 0.20 min
Lab File: BF103638.D
Acq: 14 Mar 2018 13:57

Tgt Ion	Ion	Ratio	Lower	Upper
112	100			
64	67.4	47.9	71.9	
63	48.6	23.7	35.5	



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

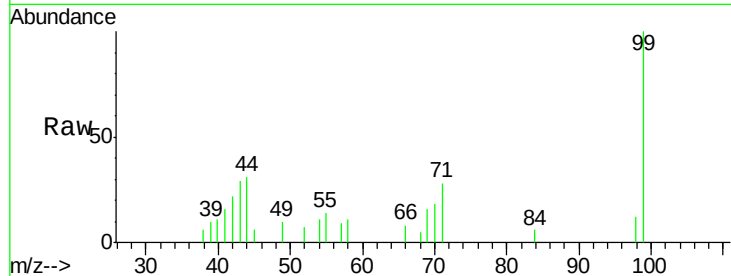
Concen: 8.026 ng/ml
 RT: 6.64 min Scan# 774
 Delta R.T. 0.14 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	27.7	25.4	38.0

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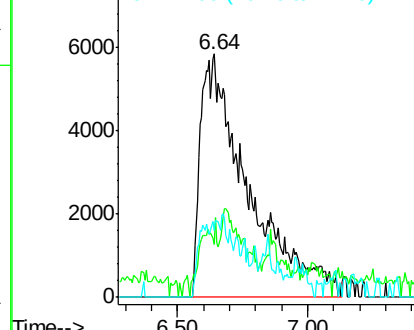


Abundance

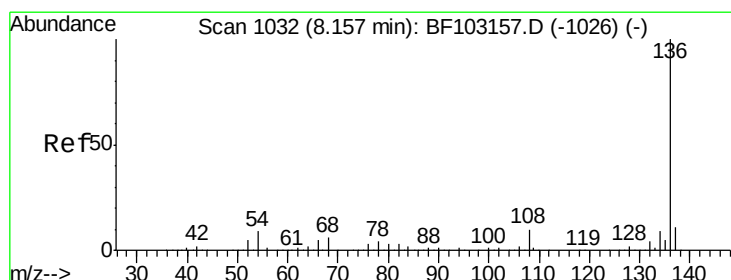
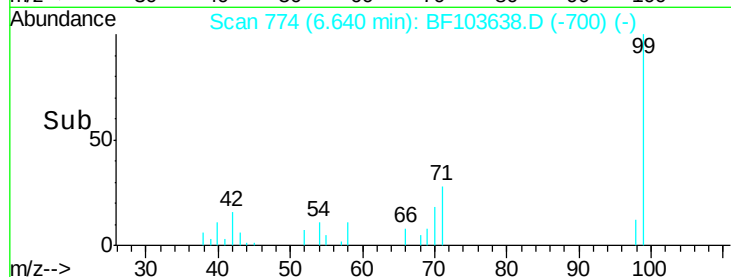
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



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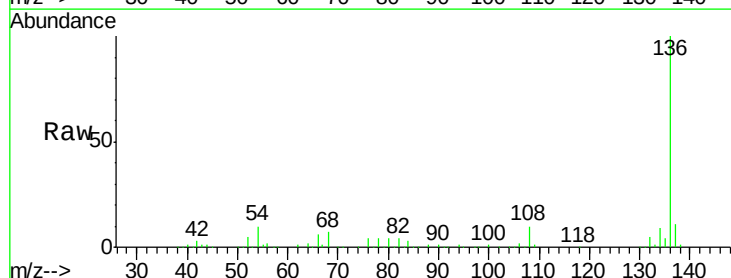


#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.0	6.6	9.8#
68	6.9	5.0	7.4



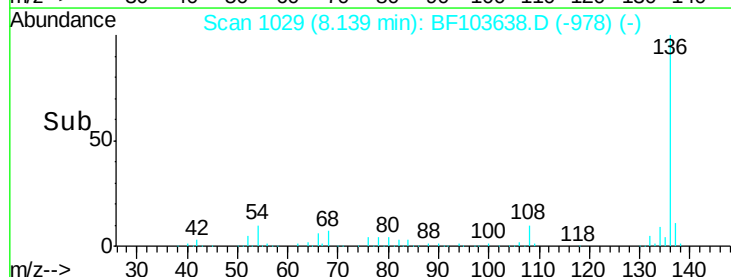
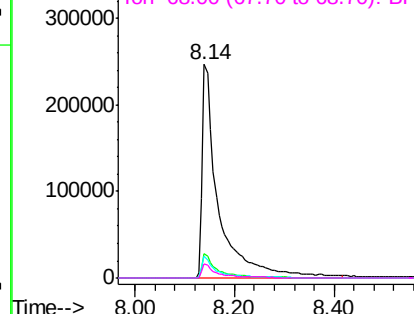
Abundance

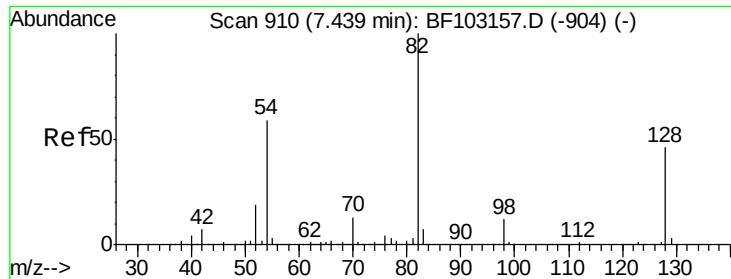
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





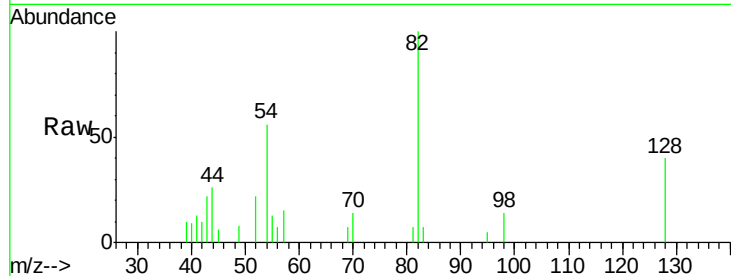
#23
Nitrobenzene-d5
Concen: 4.948 ng/ml
RT: 7.51 min Scan# 922
Delta R.T. 0.08 min
Lab File: BF103638.D
Acq: 14 Mar 2018 13:57

Instrument :
BNA_F
ClientSampled :
TP-2

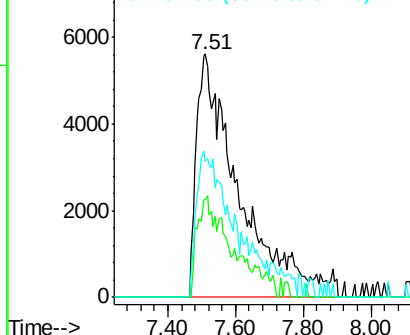
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	36.1	54.1
54	55.7	41.4	62.2

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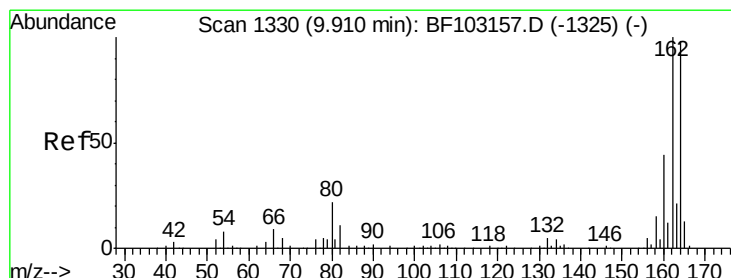
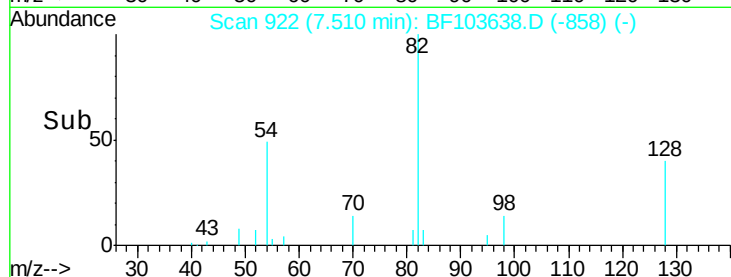
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



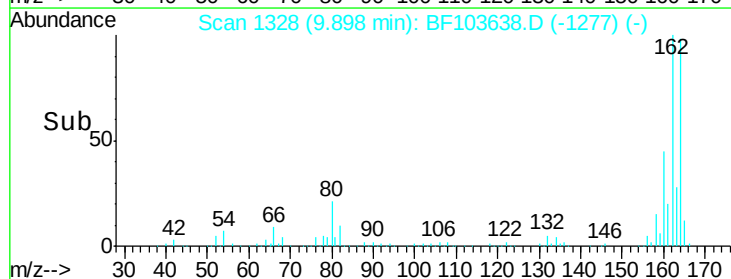
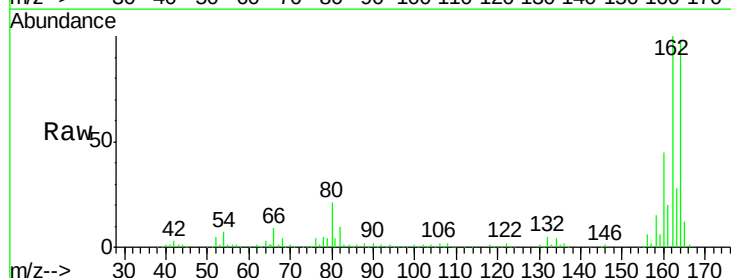
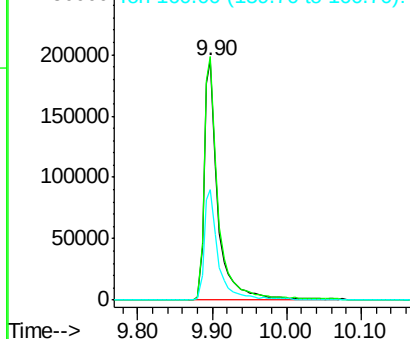
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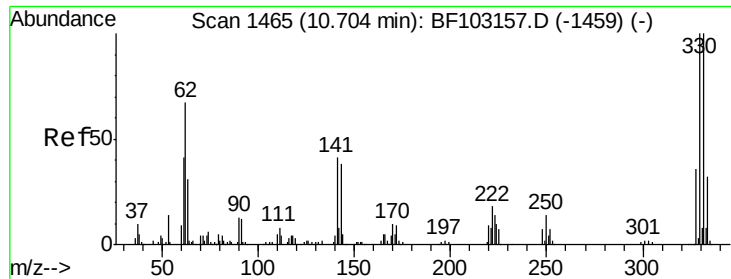


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF103638.D
Acq: 14 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.1	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





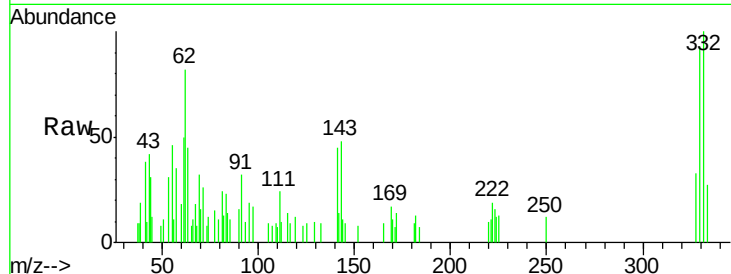
#41
 2,4,6-Tribromophenol
 Concen: 4.422 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.02 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	109.4	77.0	115.6
141	55.5	29.9	44.9

Manual Integrations
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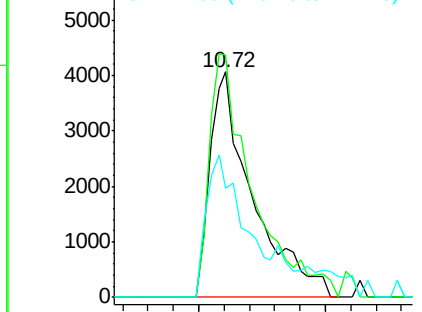


Abundance

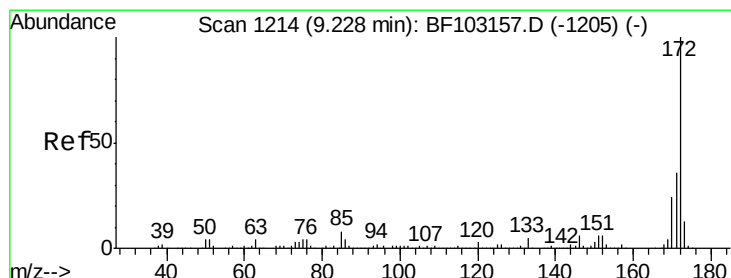
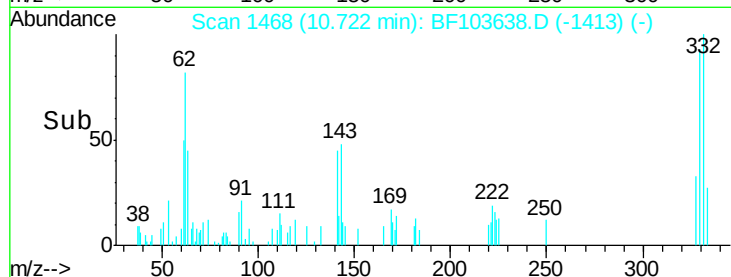
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

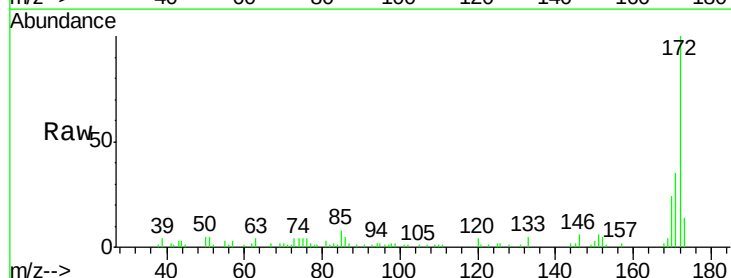


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#44
 2-Fluorobiphenyl
 Concen: 1.722 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF103638.D
 Acq: 14 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.3	19.6	29.4

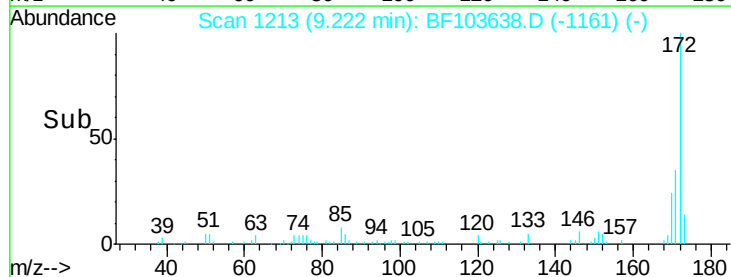
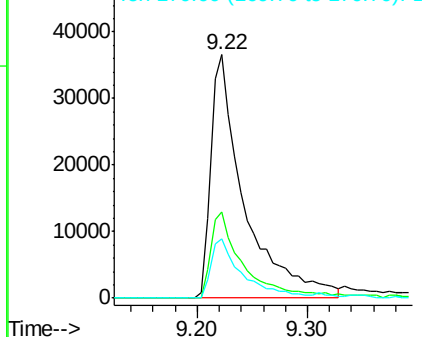


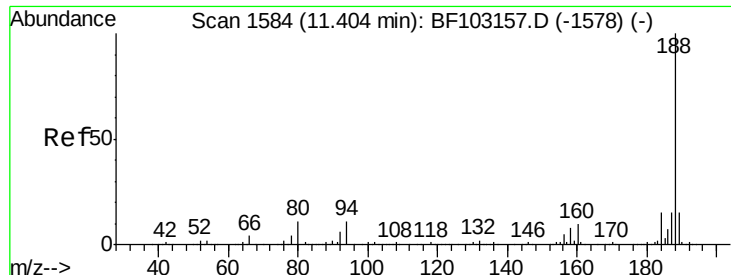
Abundance

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





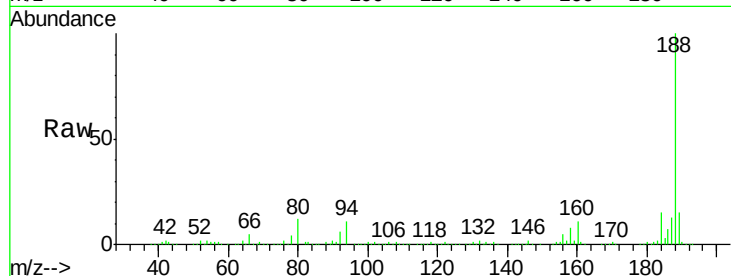
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF103638.D
Acq: 14 Mar 2018 13:57

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	430449		
94	10.8		8.5	12.7
80	12.0		9.2	13.8

Manual Integrations
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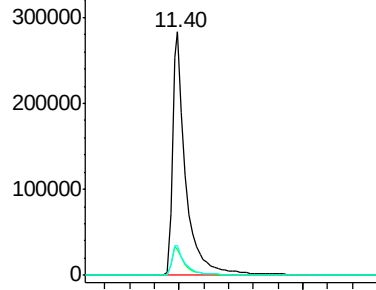
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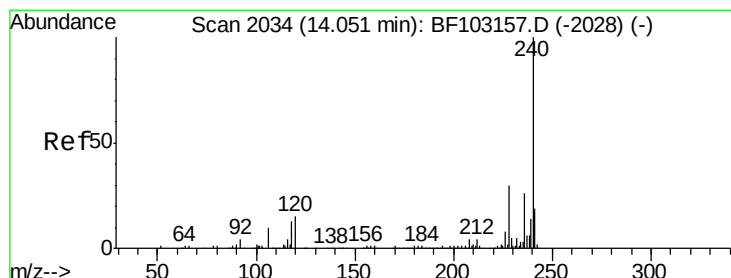
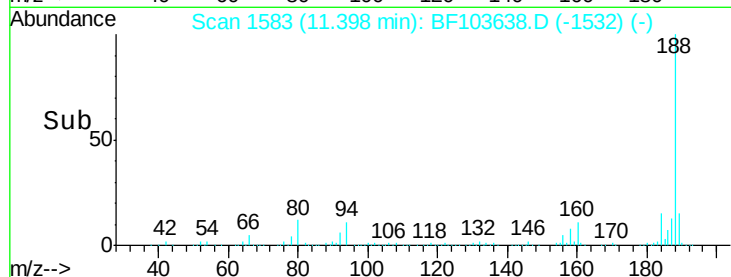
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

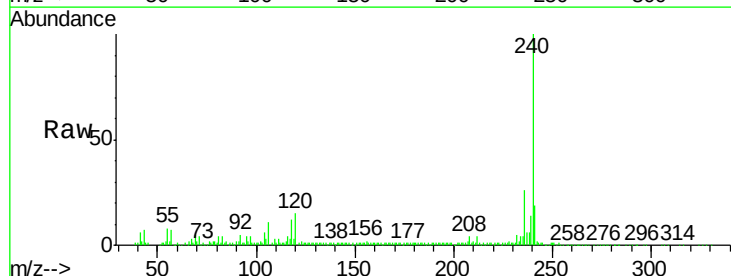


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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103638.D
Acq: 14 Mar 2018 13:57

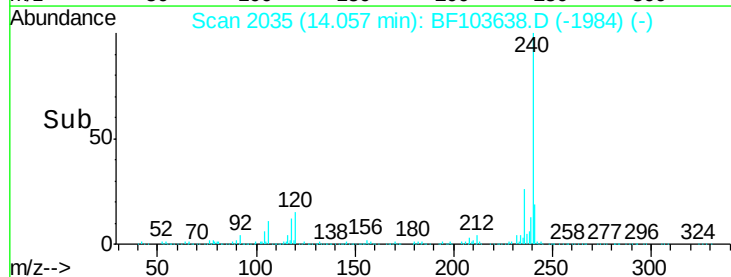
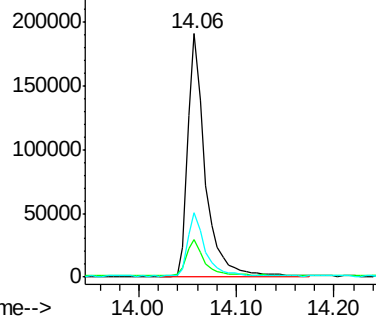
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	237846		
120	15.4		9.5	14.3#
236	26.5		20.7	31.1

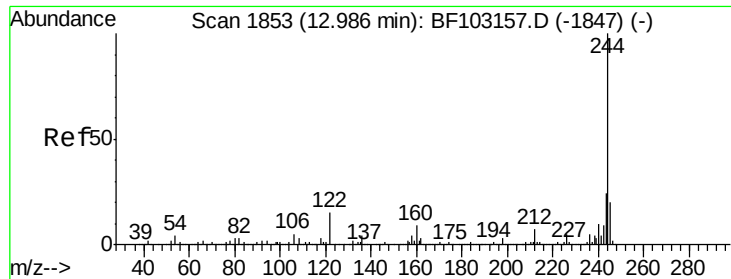


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 6.018 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF103638.D

Acq: 14 Mar 2018 13:57

Instrument :

BNA_F

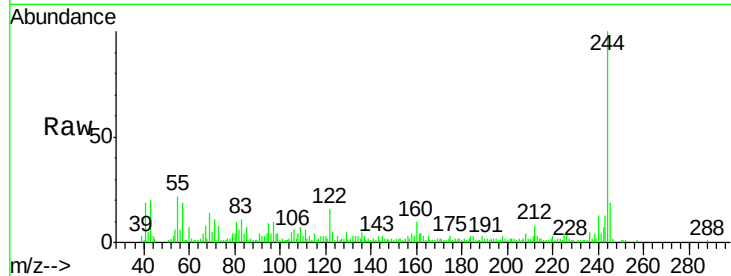
ClientSampleId :

TP-2

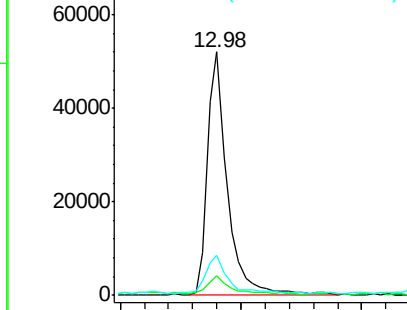
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.0#
122	16.2	11.0	16.4

Manual Integrations
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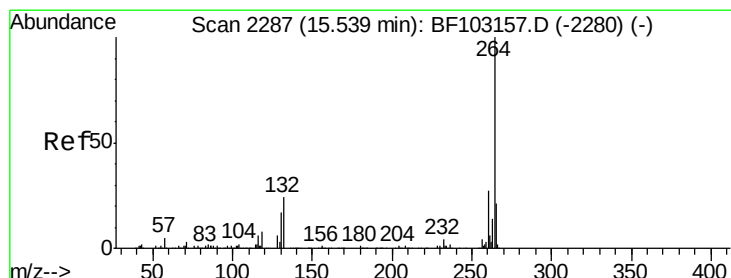
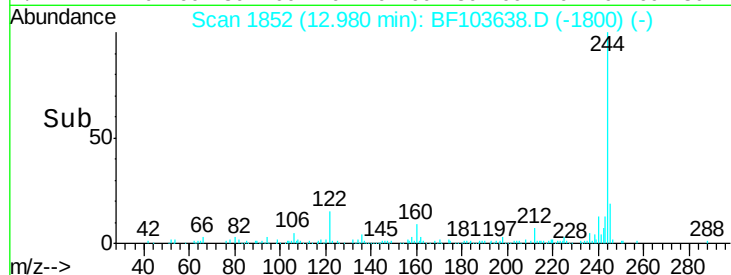
Sohil



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



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#86

Perylene-d12

Concen: 20.000 ng

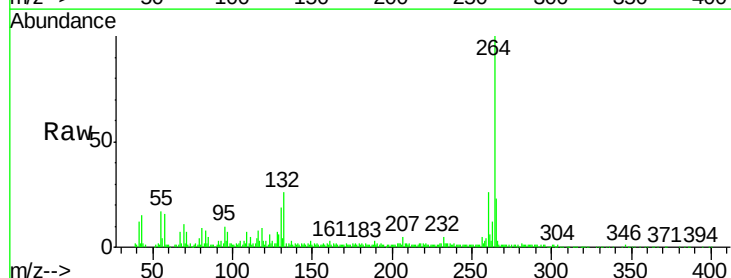
RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103638.D

Acq: 14 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.6	17.5	26.3



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

