

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102920.D
 Acq On : 12 Feb 2018 15:07
 Operator : SJ/JU
 Sample : J1491-01RX
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-1-4-DENSE-GRADE-AGG-RCARX

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:25:35 AM

Quant Time: Feb 13 00:39:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	192975	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	784526	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	310801	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	442903	20.00	ng	0.00
75) Chrysene-d12	14.06	240	361975	20.00	ng	0.00
86) Perylene-d12	15.54	264	324259	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	81855	6.44	ng	0.01
7) Phenol-d6	6.51	99	642770	42.01	ng	0.00
23) Nitrobenzene-d5	7.45	82	1094589	96.79	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	15409	6.16	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1529420	81.66	ng	0.00
78) Terphenyl-d14	13.00	244	1055486	69.04	ng	0.00
Target Compounds						
10) Phenol	6.52	94	129520	7.899	ng	95
49) Dimethylphthalate	9.63	163	146025	6.026	ng	99
70) Phenanthrene	11.43	178	93841	3.804	ng	97
74) Fluoranthene	12.63	202	101356	4.084	ng	98
77) Pyrene	12.86	202	93524	3.295	ng	99
80) Benzo(a)anthracene	14.05	228	47484m	2.086	ng	
87) Benzo(b)fluoranthene	15.10	252	52060m	2.476	ng	

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

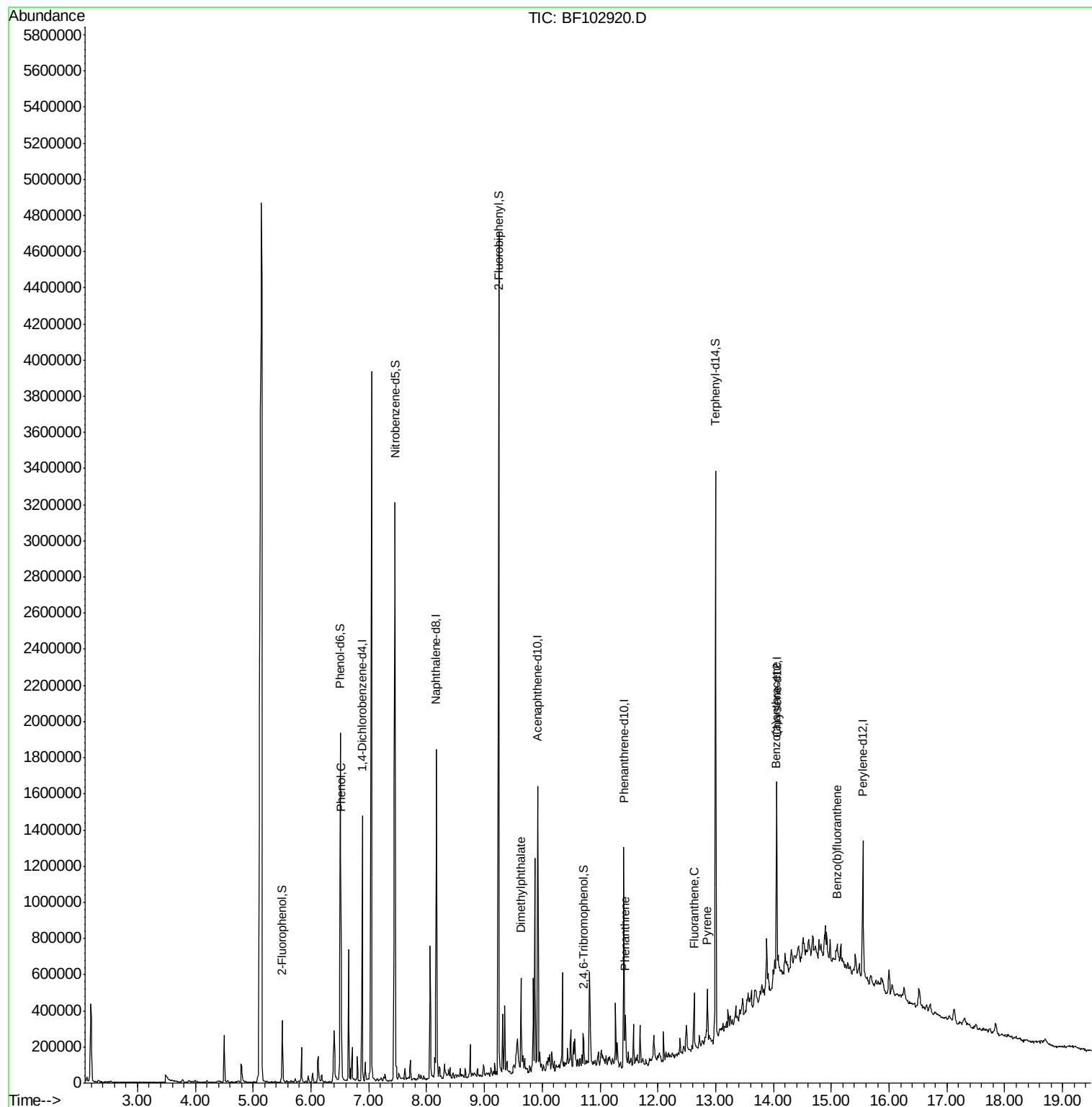
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Data File : BF102920.D
Acq On : 12 Feb 2018 15:07
Operator : SJ/JU
Sample : J1491-01RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

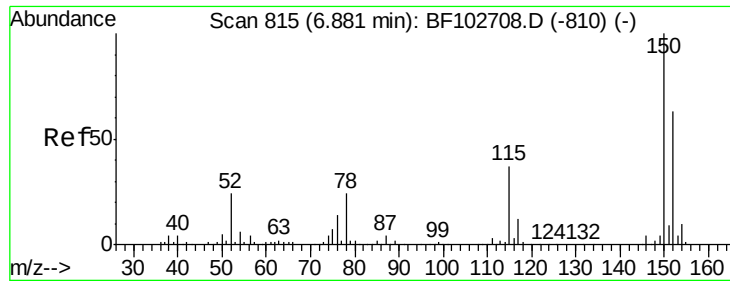
Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

Manual Integrations
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2/13/2018 11:25:35 AM

Quant Time: Feb 13 00:39:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

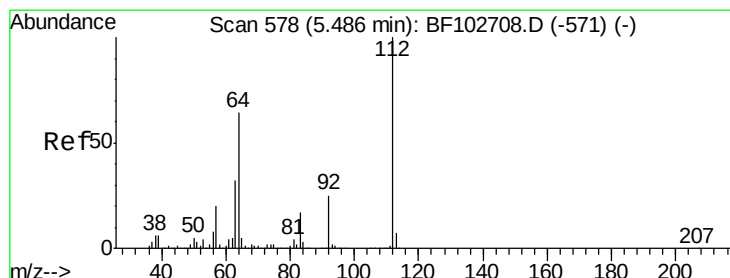
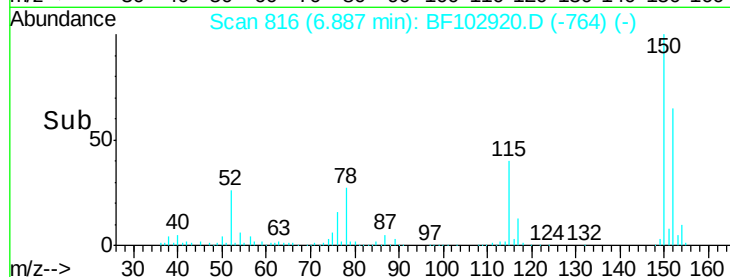
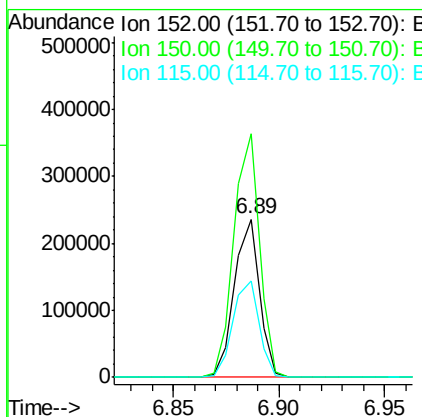
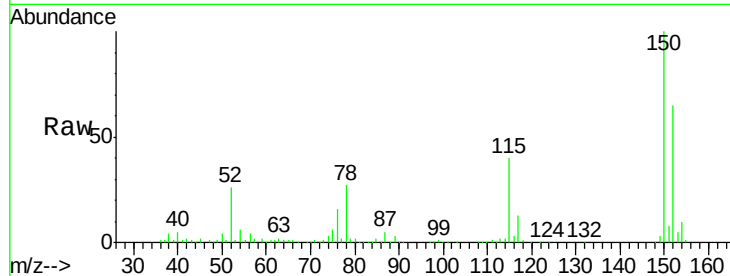
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102920.D
Acq: 12 Feb 2018 15:07

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	61.2	50.1	75.1

Manual Integrations
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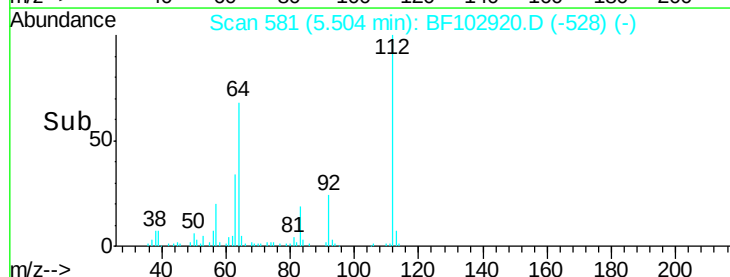
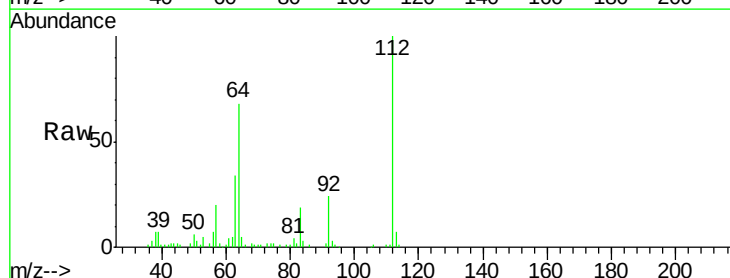
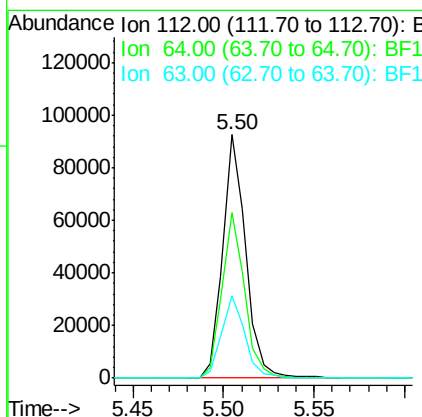
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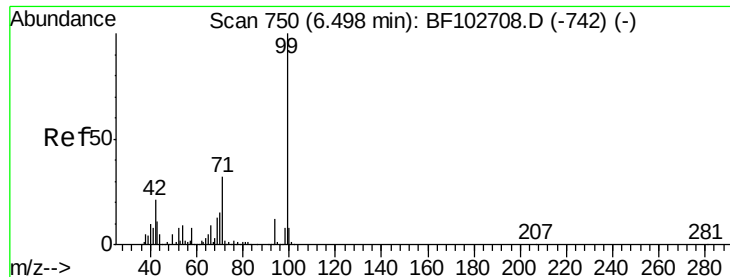


#5

2-Fluorophenol
Concen: 6.442 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102920.D
Acq: 12 Feb 2018 15:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	33.9	23.7	35.5





#7

Phenol-d6

Concen: 42.011 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102920.D

Acq: 12 Feb 2018 15:07

Instrument :

BNA_F

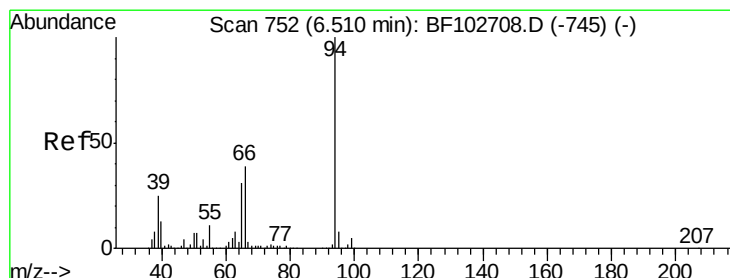
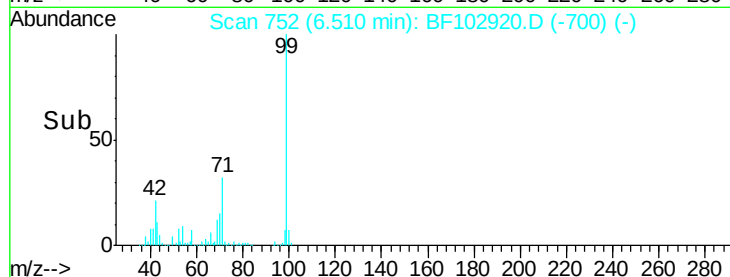
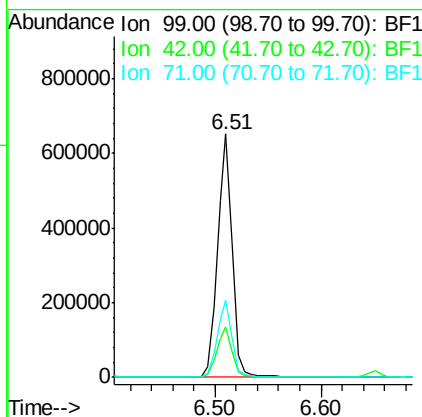
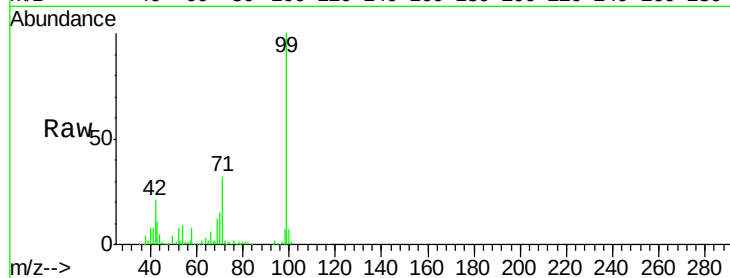
ClientSampleId :

1-1-4-DENSE-GRADE-AGG-RCARX

Tot Ion:	99	Resp:	642770
Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	31.6	25.4	38.0

Manual Integrations
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#10

Phenol

Concen: 7.899 ng

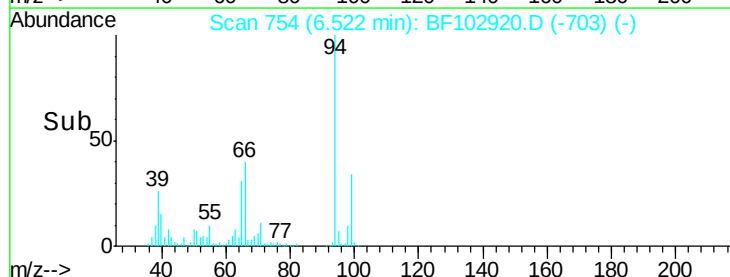
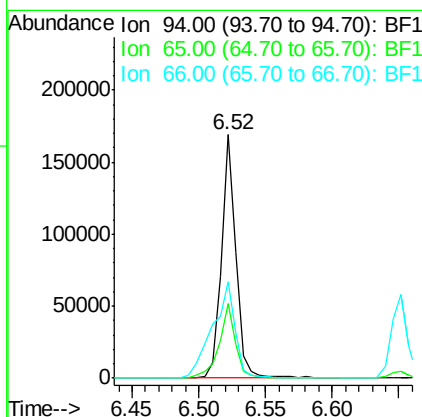
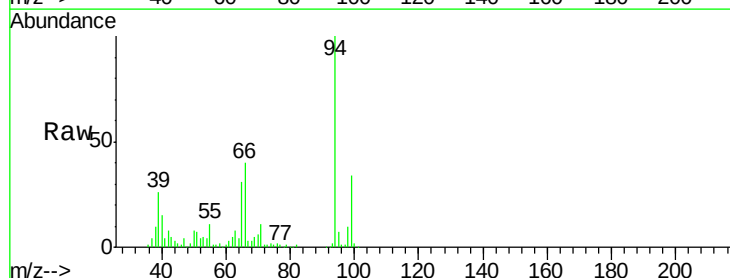
RT: 6.52 min Scan# 754

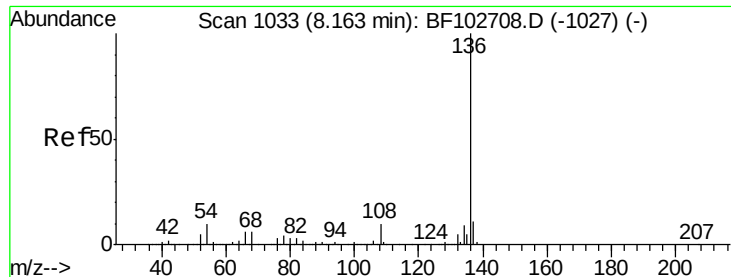
Delta R.T. 0.00 min

Lab File: BF102920.D

Acq: 12 Feb 2018 15:07

Tgt Ion:	94	Resp:	129520
Ion	Ratio	Lower	Upper
94	100		
65	30.5	7.9	47.9
66	39.7	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102920.D

Acq: 12 Feb 2018 15:07

Instrument :

BNA_F

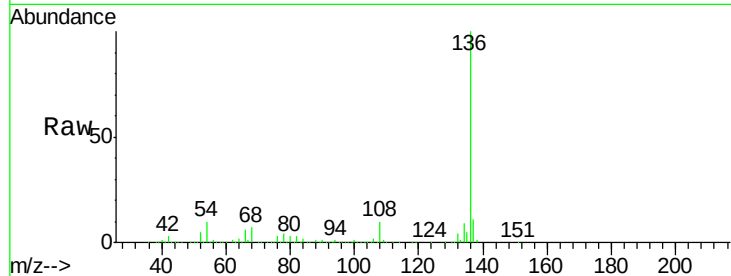
ClientSampleId :

1-1-4-DENSE-GRADE-AGG-RCARX

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.7	6.6	9.8
68	6.6	5.0	7.4

Manual Integrations
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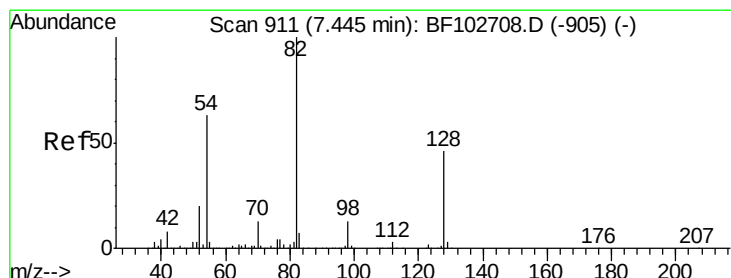
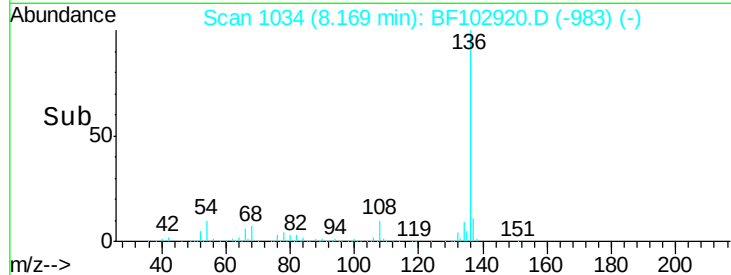
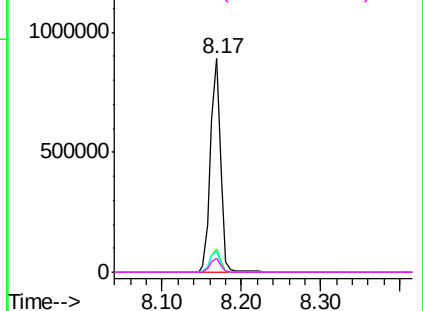


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.787 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF102920.D

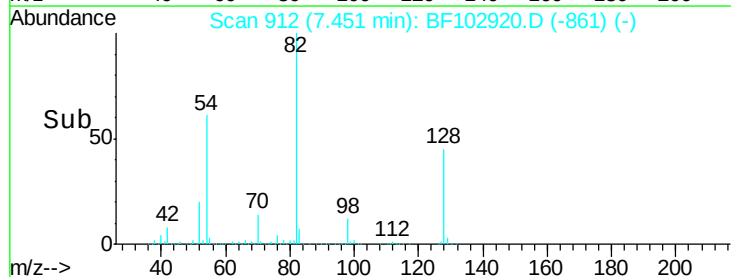
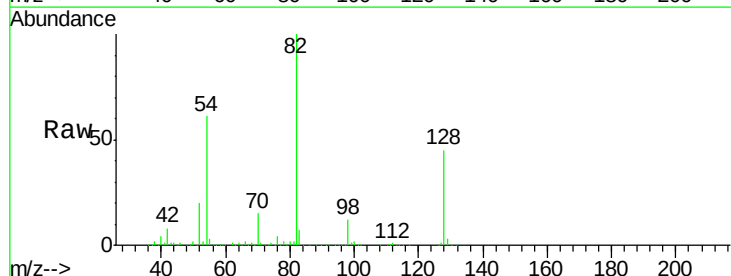
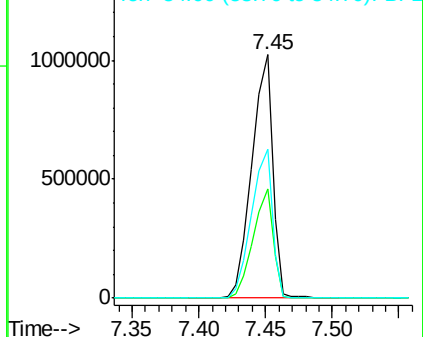
Acq: 12 Feb 2018 15:07

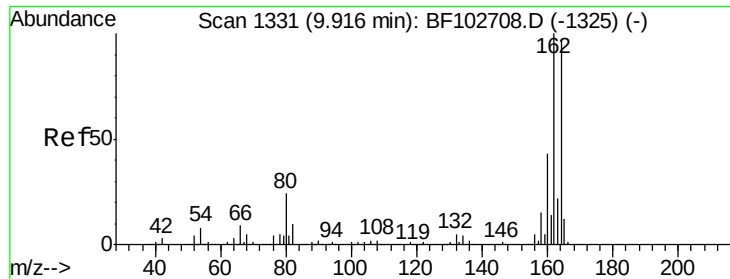
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.7	36.1	54.1
54	61.4	41.4	62.2

Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





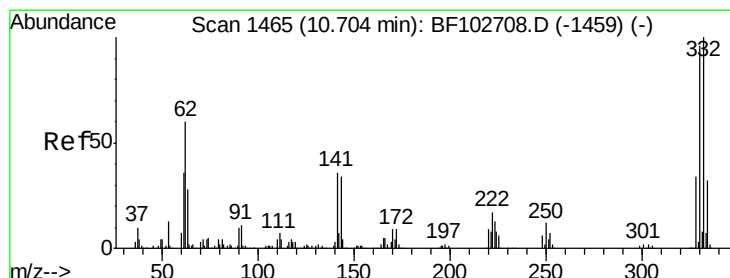
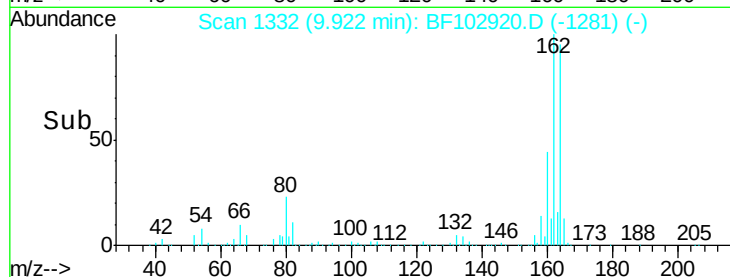
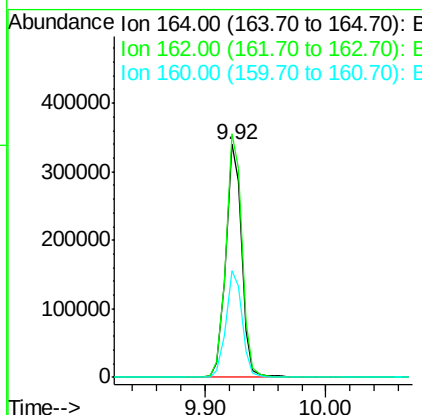
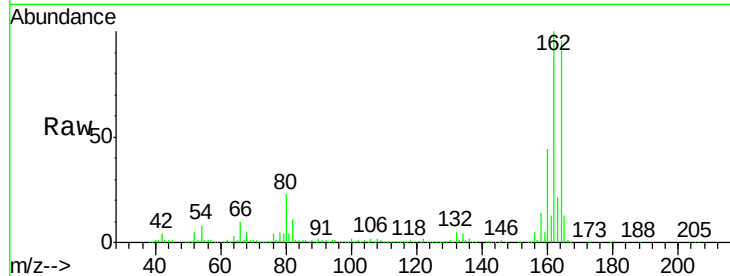
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102920.D
Acq: 12 Feb 2018 15:07

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.4	86.1	129.1	
160	46.0	38.3	57.5	

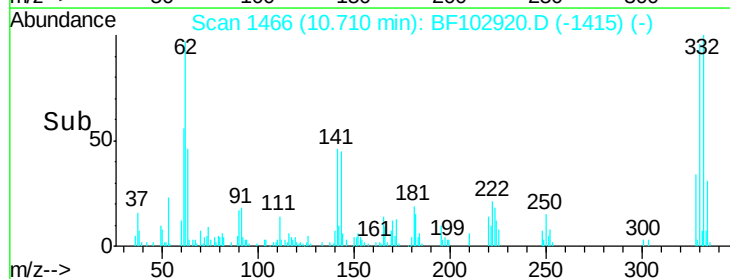
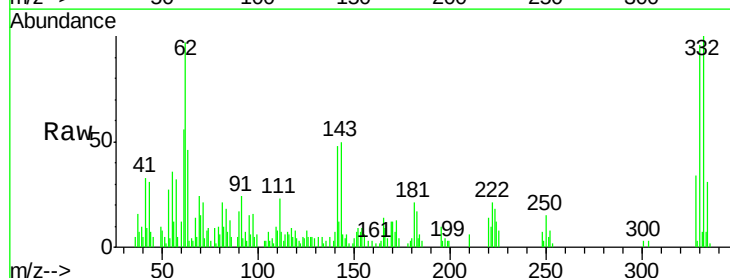
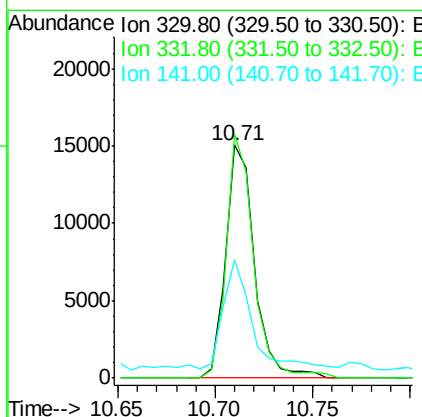
Manual Integrations
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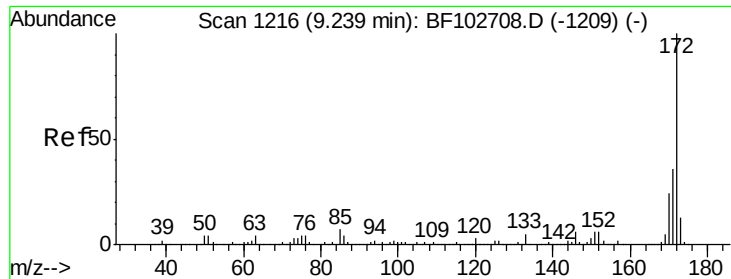
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#41
2,4,6-Tribromophenol
Concen: 6.160 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF102920.D
Acq: 12 Feb 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.4	77.0	115.6	
141	46.1	29.9	44.9	





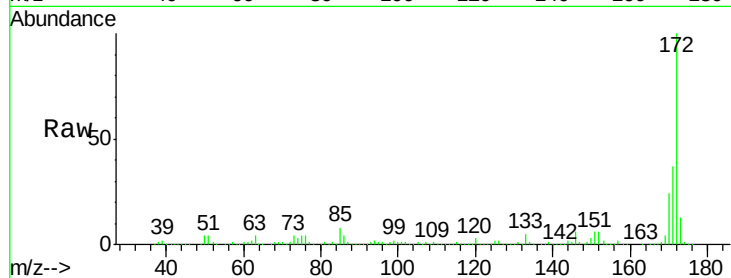
#44
2-Fluorobiphenyl
Concen: 81.655 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF102920.D
Acq: 12 Feb 2018 15:07

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.3	29.7	44.5	
170	24.4	19.6	29.4	

Manual Integrations
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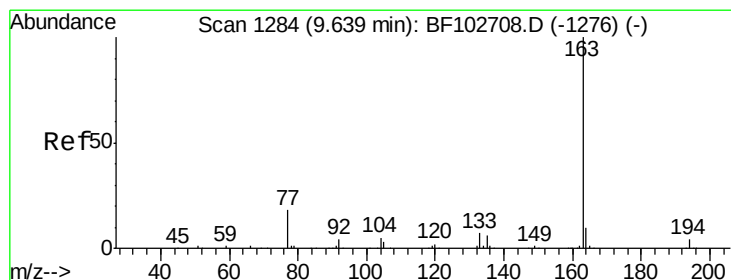
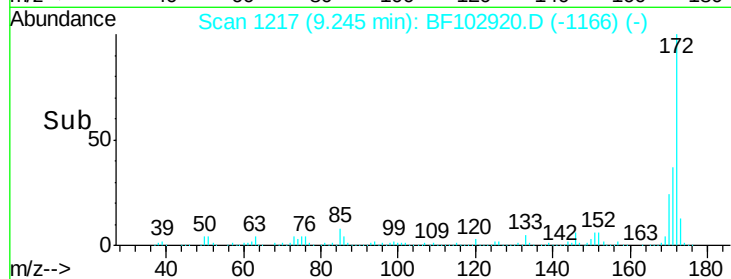
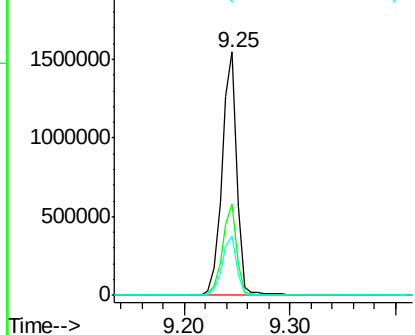


Abundance

Ion 172.00 (171.70 to 172.70): E

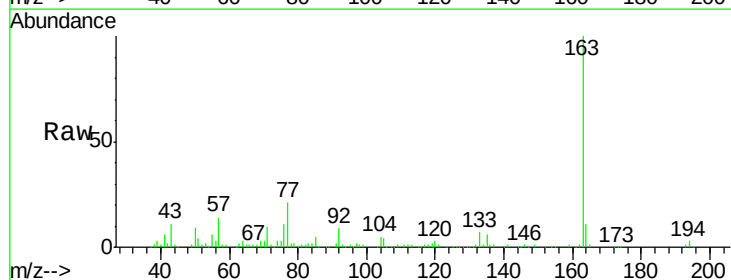
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 6.026 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102920.D
Acq: 12 Feb 2018 15:07

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.8	8.2	12.2	

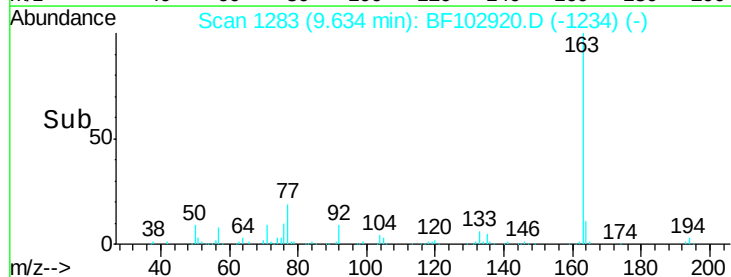
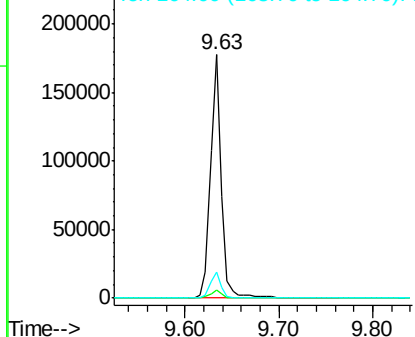


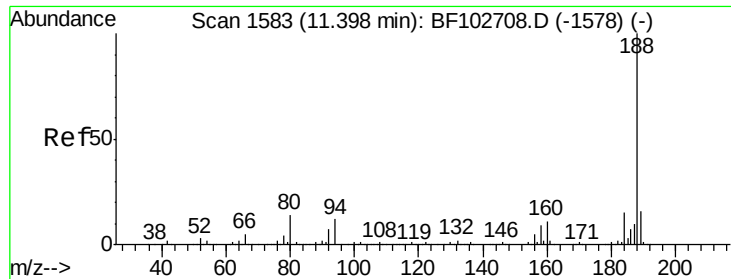
Abundance

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





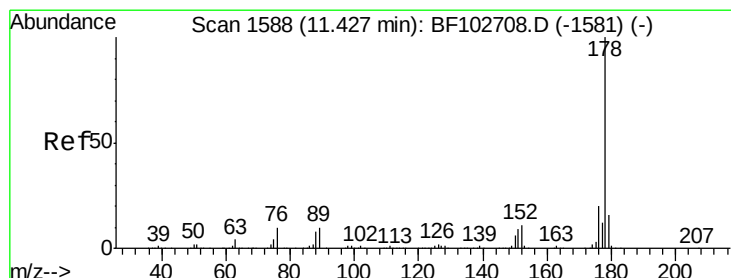
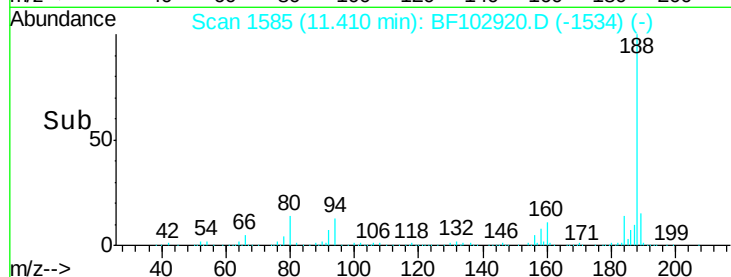
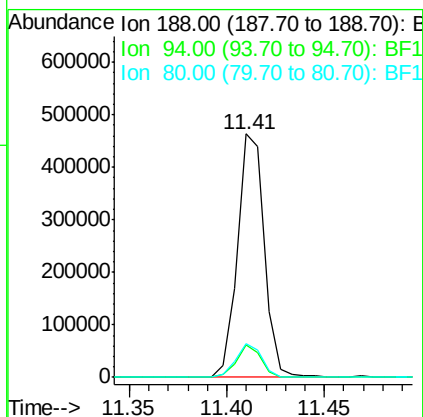
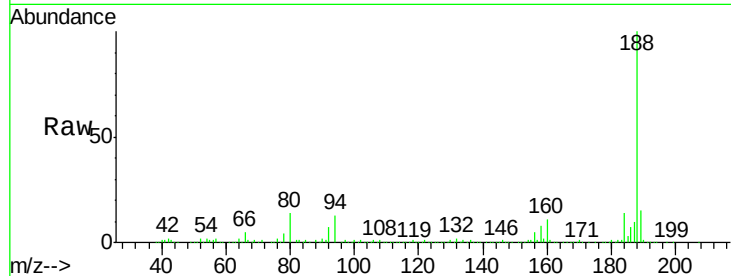
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102920.D
Acq: 12 Feb 2018 15:07

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

Tot Ion	Ratio	Resp	Lower	Upper
188	100	442903		
94	13.4		8.5	12.7#
80	13.9		9.2	13.8#

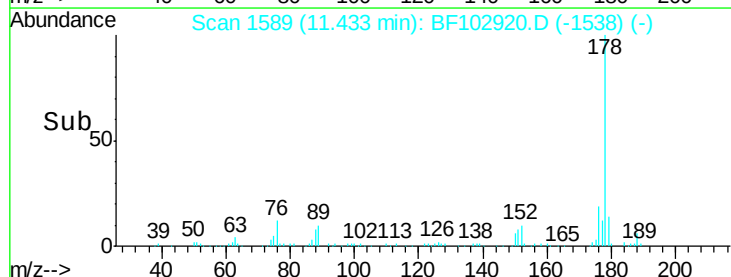
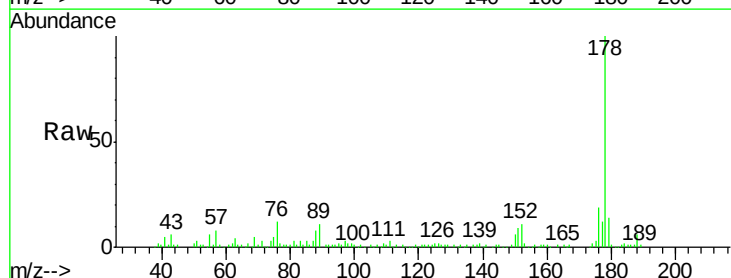
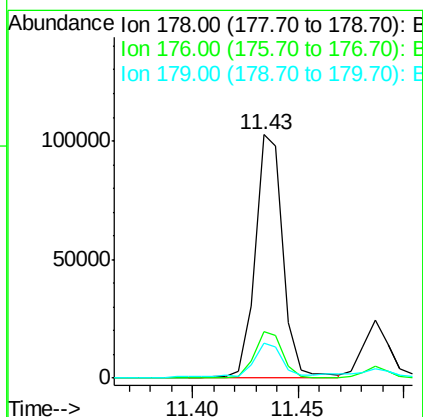
Manual Integrations
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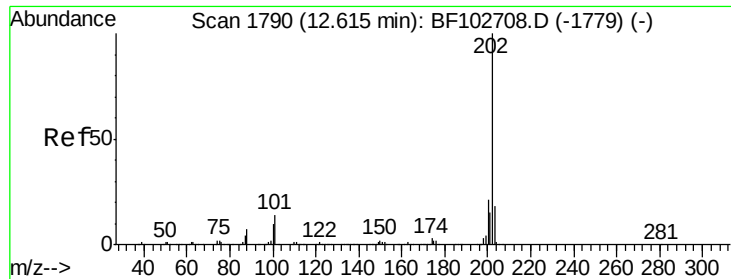
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#70
Phenanthrene
Concen: 3.804 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF102920.D
Acq: 12 Feb 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	93841		
176	19.3		15.8	23.8
179	14.3		13.0	19.6





#74

Fluoranthene

Concen: 4.084 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102920.D

Acq: 12 Feb 2018 15:07

Instrument :

BNA_F

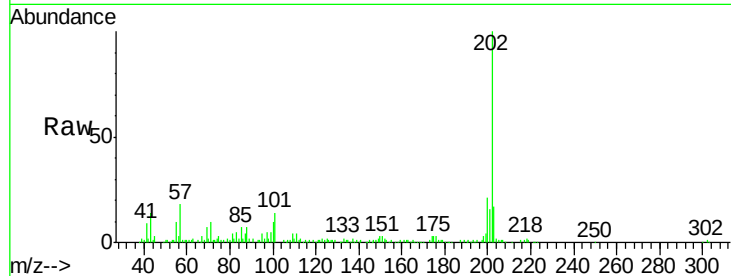
ClientSampleId :

1-1-4-DENSE-GRADE-AGG-RCARX

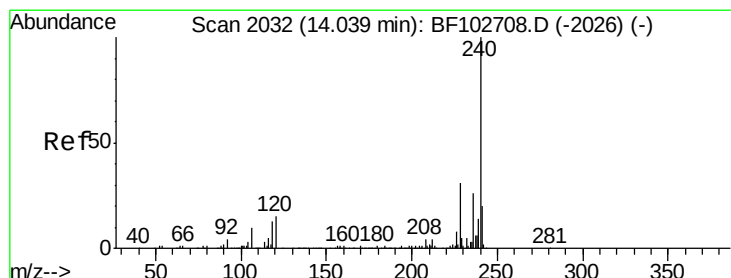
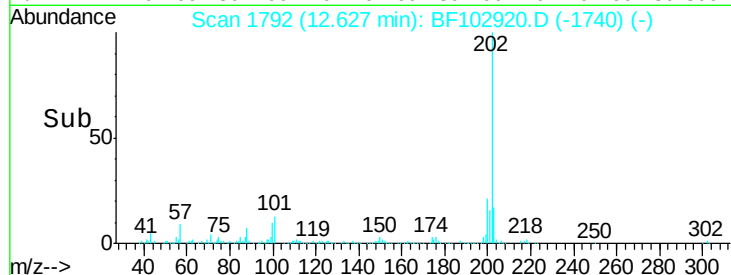
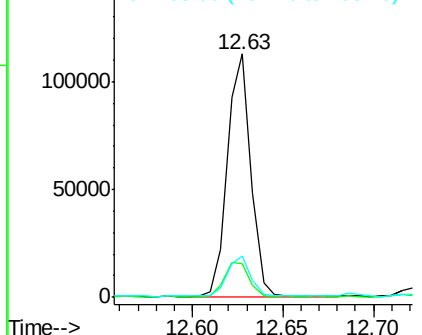
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

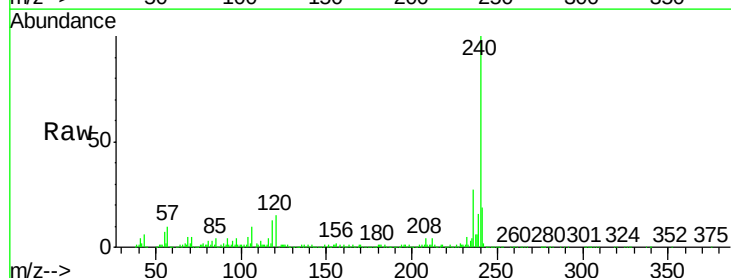
RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

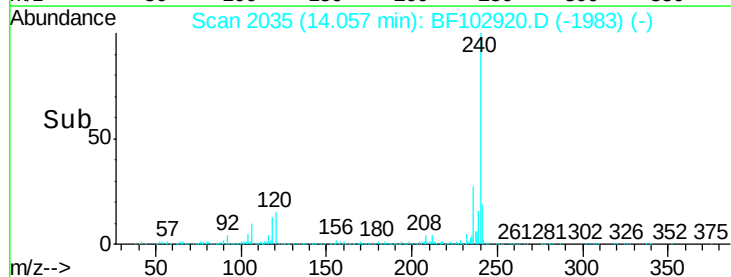
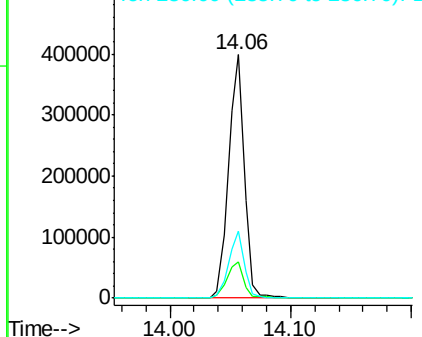
Lab File: BF102920.D

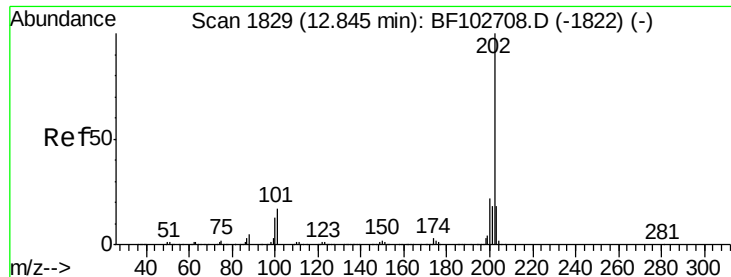
Acq: 12 Feb 2018 15:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	27.4	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





#77

Pvrene

Concen: 3.295 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102920.D

Acq: 12 Feb 2018 15:07

Instrument :

BNA_F

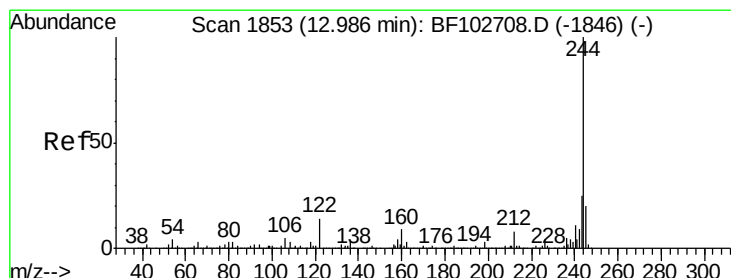
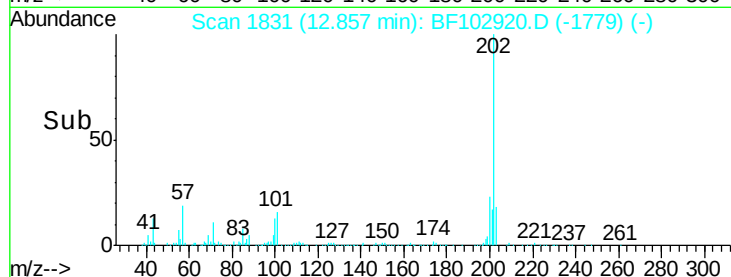
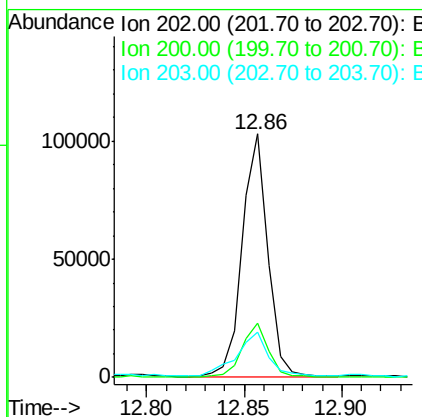
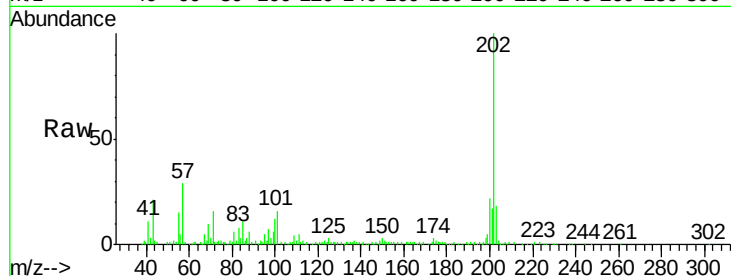
ClientSampleId :

1-1-4-DENSE-GRADE-AGG-RCARX

Tot Ion:	202	Resp:	93524
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.4	26.2
203	18.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 69.042 ng

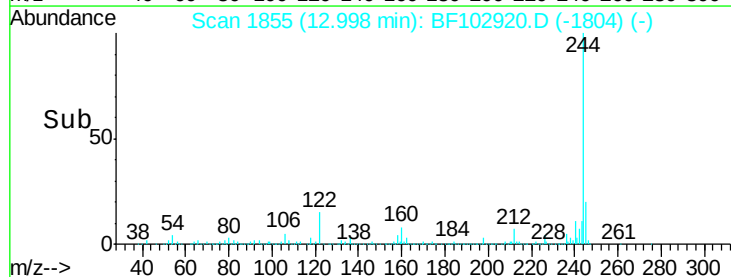
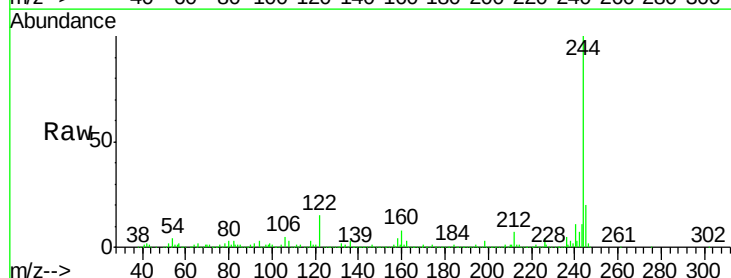
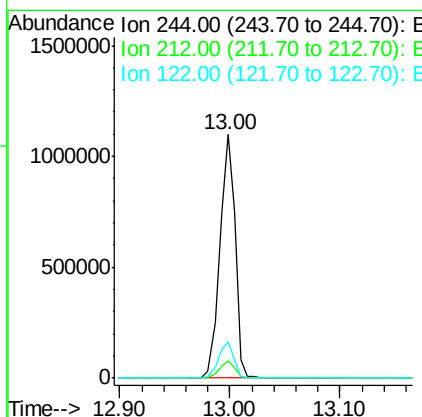
RT: 13.00 min Scan# 1855

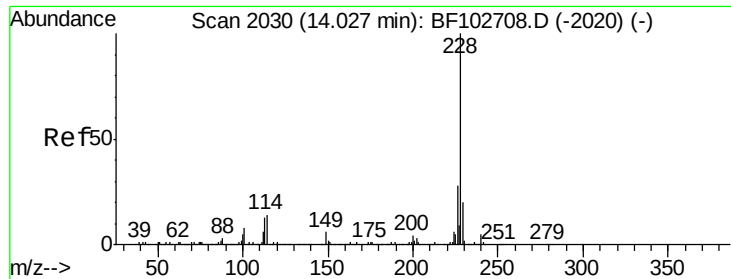
Delta R.T. 0.00 min

Lab File: BF102920.D

Acq: 12 Feb 2018 15:07

Tgt Ion:	244	Resp:	1055486
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	14.7	11.0	16.4





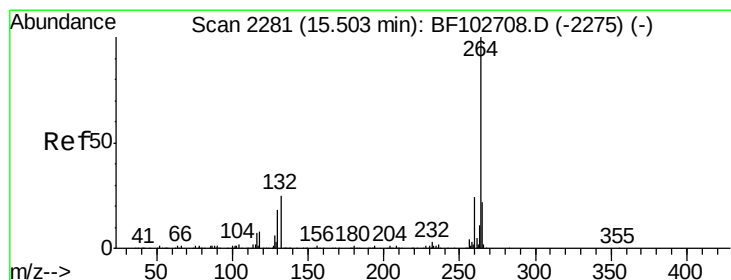
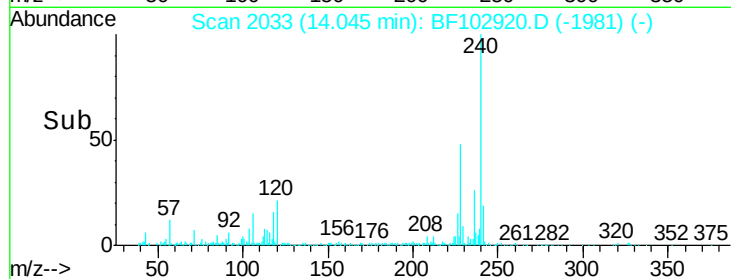
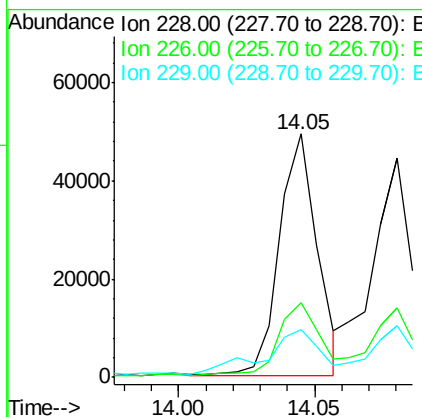
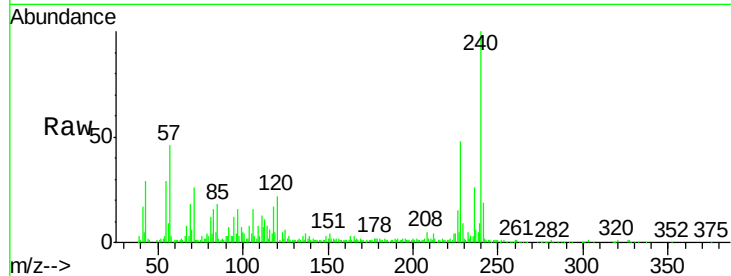
#80
Benzo(a)anthracene
Concen: 2.086 ng m
RT: 14.05 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102920.D
Acq: 12 Feb 2018 15:07

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	19.5	15.8	23.6

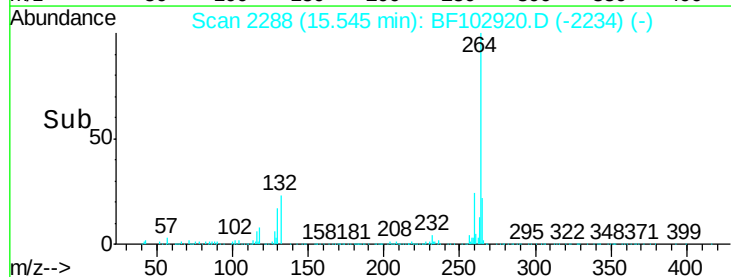
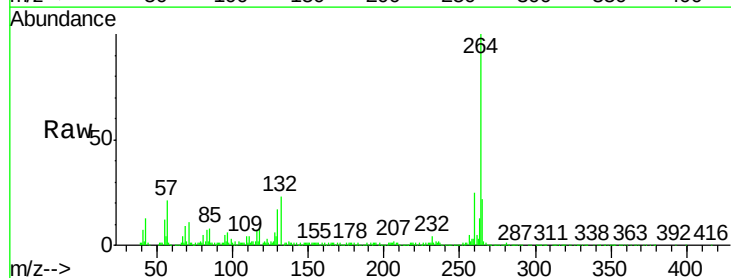
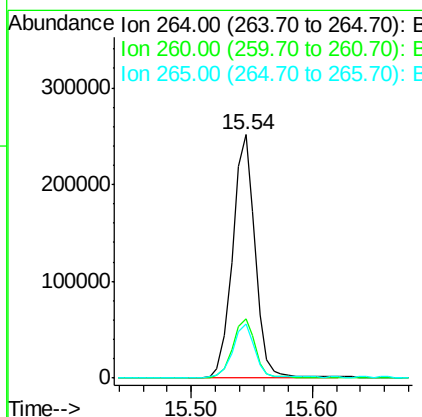
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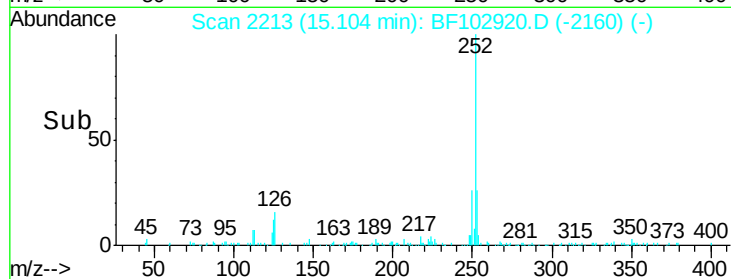
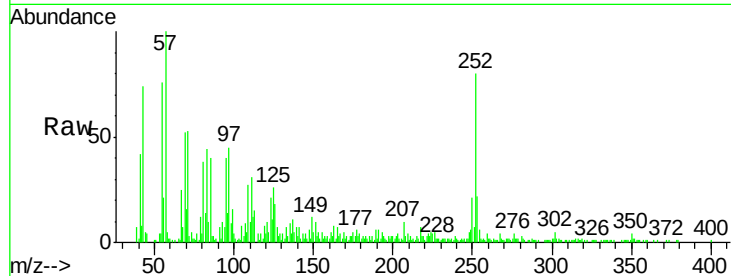
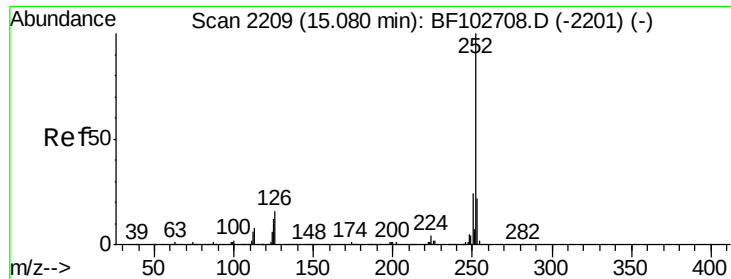
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF102920.D
Acq: 12 Feb 2018 15:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.476 ng/mL

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF102920.D

Acq: 12 Feb 2018 15:07

Instrument :

BNA_F

ClientSampleId :

1-1-4-DENSE-GRADE-AGG-RCARX

Tot Ion:	252	Resp:	52060
Ion Ratio	Lower	Upper	
252	100		
253	27.2	17.0	25.6#
125	33.2	9.0	13.6#

Manual Integrations
APPROVED

Sohil
2/13/2018 11:25:35 AM

