

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102877.D
 Acq On : 9 Feb 2018 10:02
 Operator : SJ/JU
 Sample : J1471-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3N-18

Manual Integrations
 APPROVED

Sohil
 2/13/2018 4:35:03 AM

Quant Time: Feb 09 14:07:01 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	171135	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	723691	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	330311	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	553105	20.00	ng	0.00
75) Chrysene-d12	14.05	240	346336	20.00	ng	0.00
86) Perylene-d12	15.54	264	356419	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1319353	117.08	ng	0.02
7) Phenol-d6	6.52	99	1576466	116.19	ng	0.01
23) Nitrobenzene-d5	7.45	82	1043710	100.05	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	315966	118.85	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1500052	75.36	ng	0.00
78) Terphenyl-d14	13.00	244	1184386	80.97	ng	0.00
Target Compounds						
10) Phenol	6.53	94	34559	2.377	ng	97
49) Dimethylphthalate	9.63	163	92292	3.583	ng	99
74) Fluoranthene	12.62	202	80004	2.581	ng	97
77) Pyrene	12.85	202	66606	2.453	ng	98
79) Butylbenzylphthalate	13.47	149	187832	15.175	ng	98

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

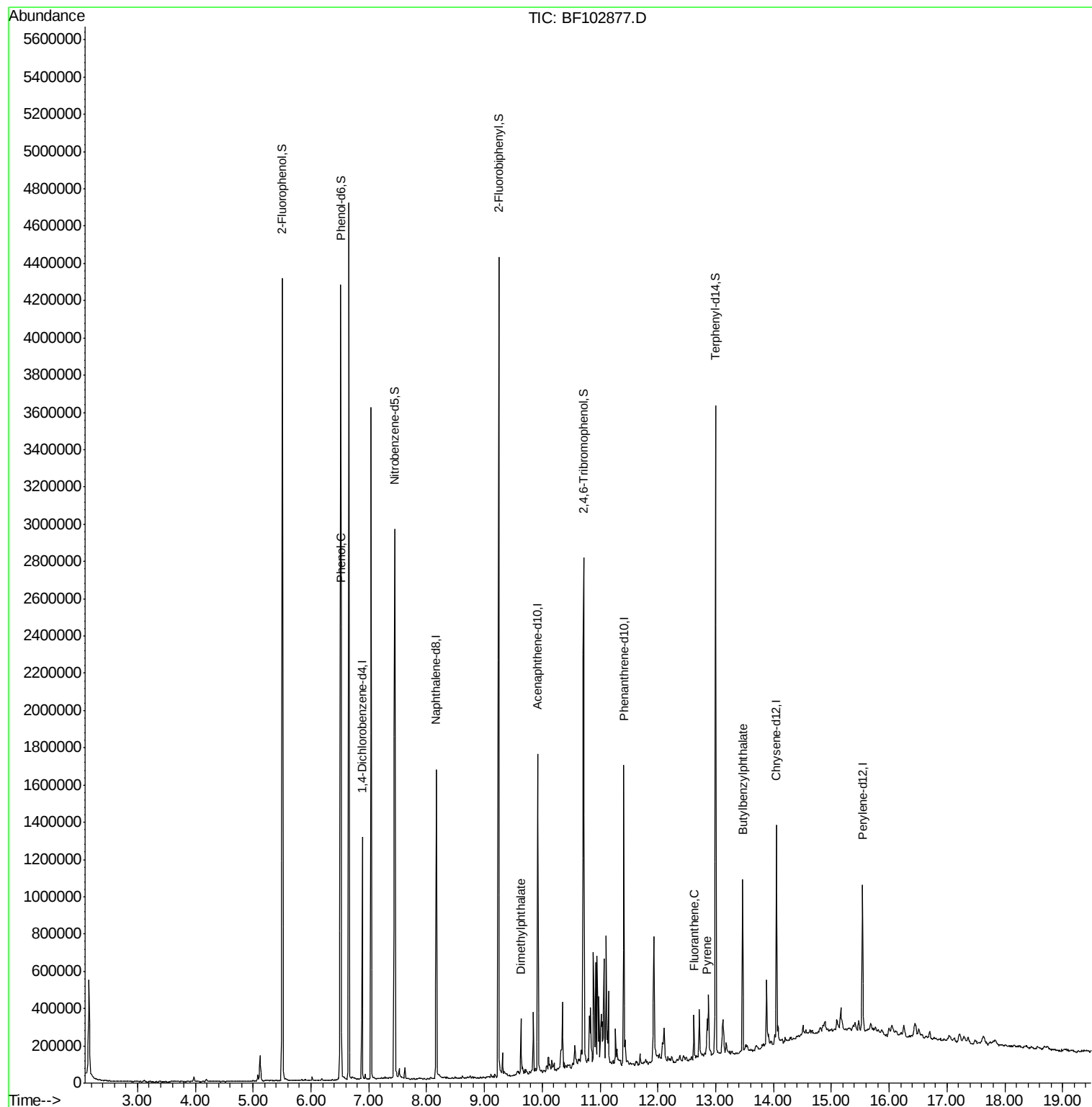
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
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ALS Vial : 3 Sample Multiplier: 1

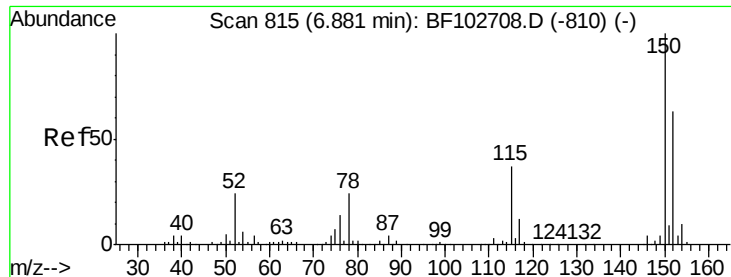
Instrument :
BNA_F
ClientSampleId :
3N-18

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Quant Time: Feb 09 14:07:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

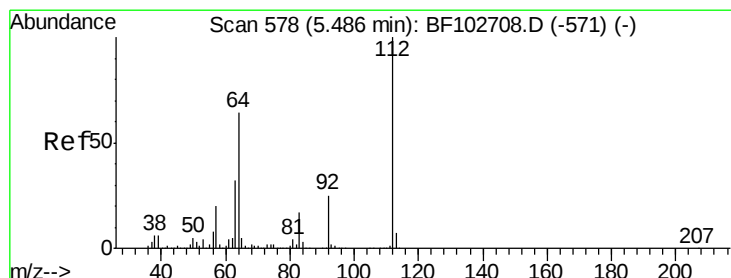
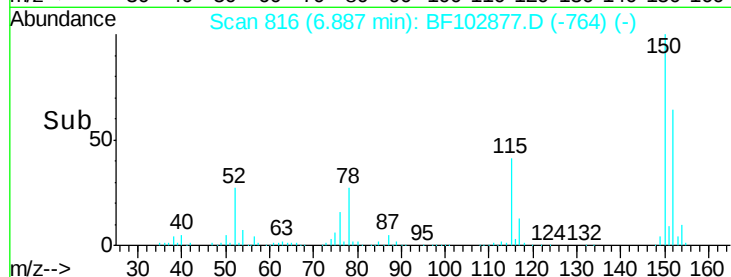
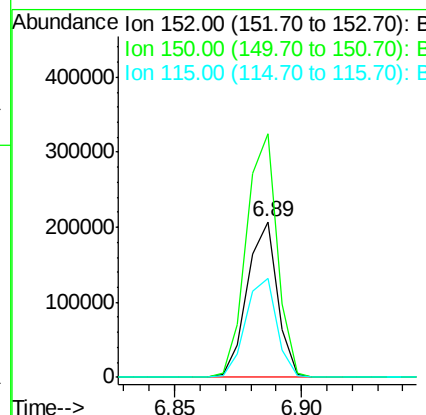
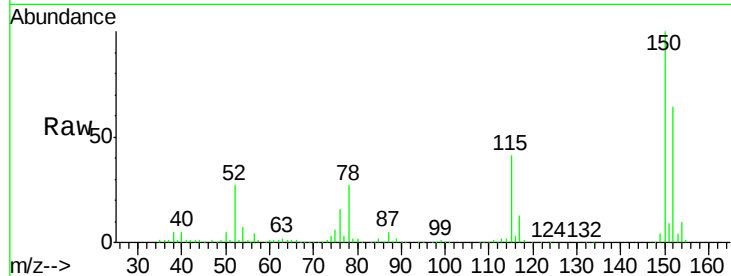
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampled :
3N-18

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	63.4	50.1	75.1

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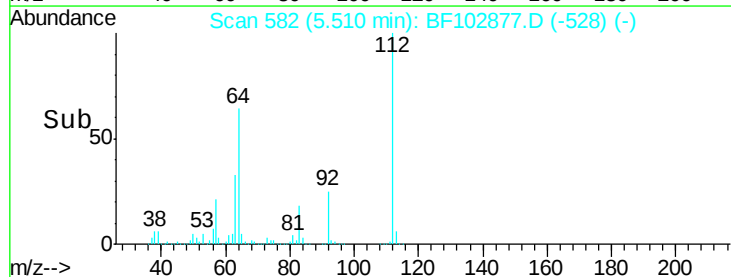
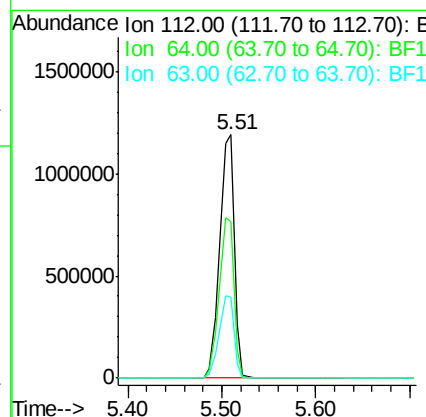
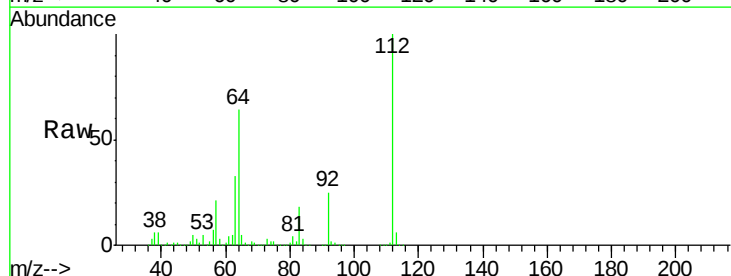
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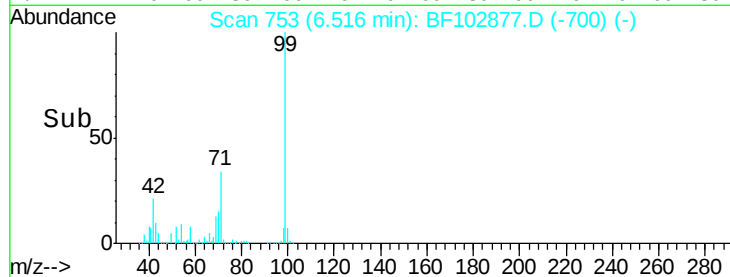
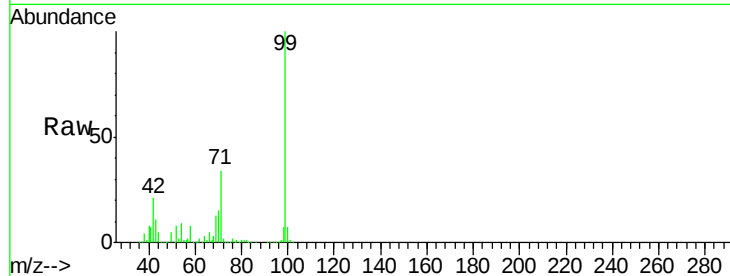
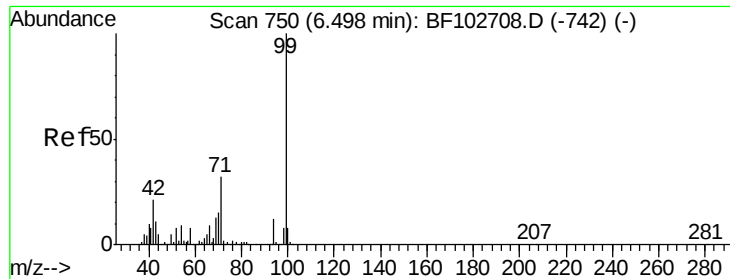


#5

2-Fluorophenol
Concen: 117.081 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	33.3	23.7	35.5





#7

Phenol-d6

Concen: 116.187 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102877.D

Acq: 9 Feb 2018 10:02

Tot Ion:	99	Resp:	1576466
Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	33.8	25.4	38.0

Instrument :

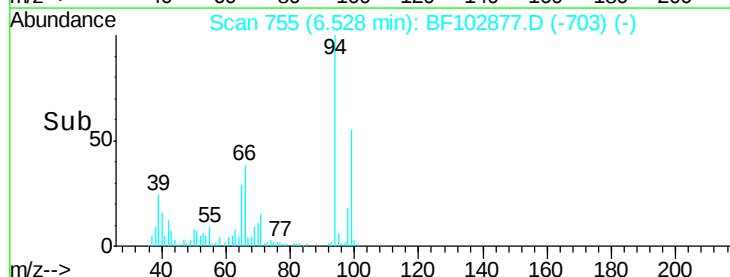
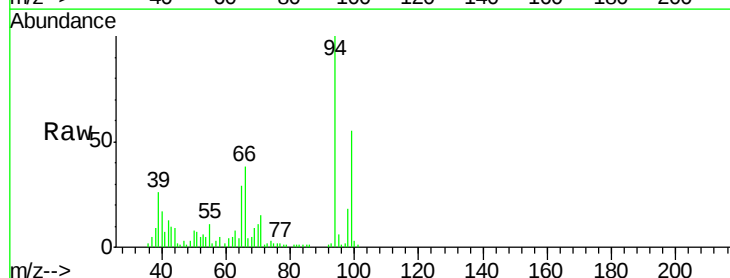
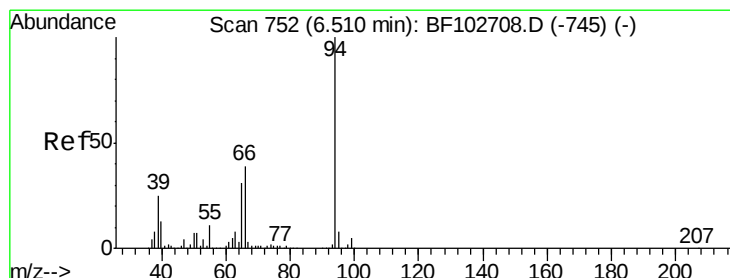
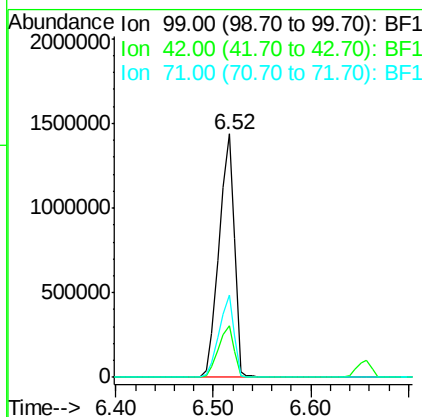
BNA_F

ClientSampled :

3N-18

Manual Integrations
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#10

Phenol

Concen: 2.377 ng

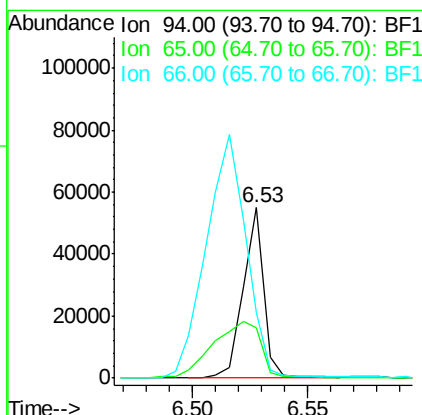
RT: 6.53 min Scan# 755

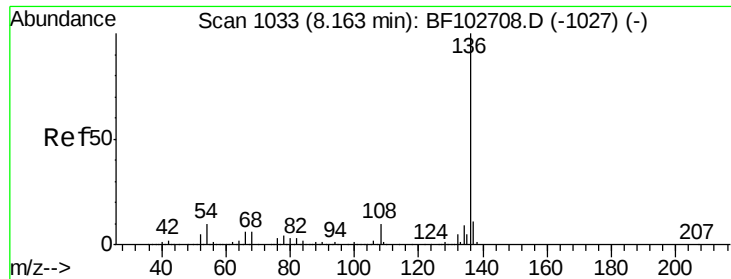
Delta R.T. 0.01 min

Lab File: BF102877.D

Acq: 9 Feb 2018 10:02

Tgt Ion:	94	Resp:	34559
Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	38.3	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: BF102877.D

Acq: 9 Feb 2018 10:02

Instrument :

BNA_F

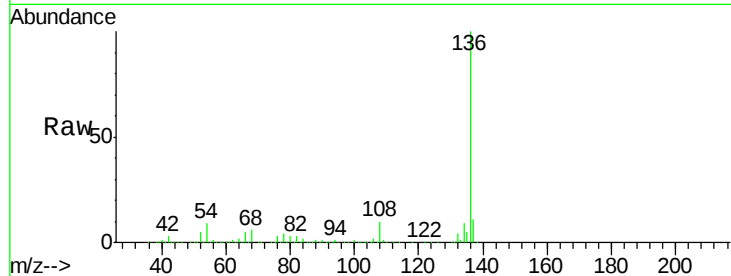
ClientSampleId :

3N-18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		723691		
137	10.9		8.9	13.3	
54	9.4		6.6	9.8	
68	6.2		5.0	7.4	

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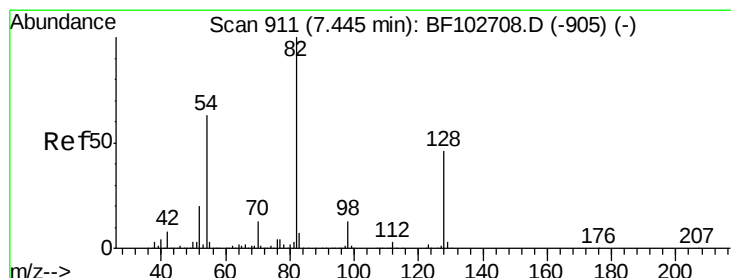
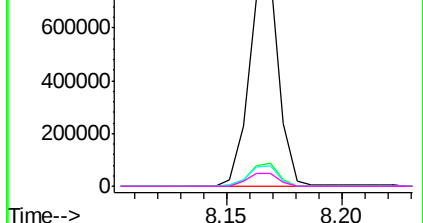
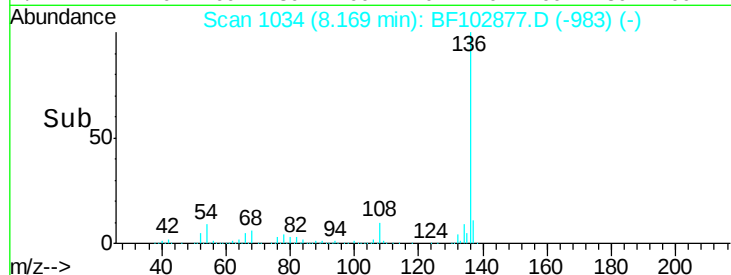


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.047 ng

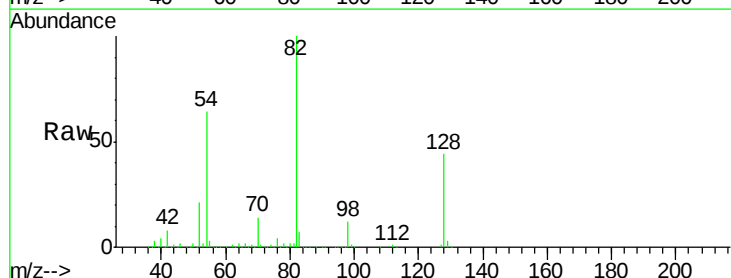
RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102877.D

Acq: 9 Feb 2018 10:02

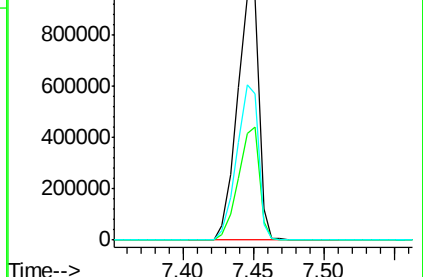
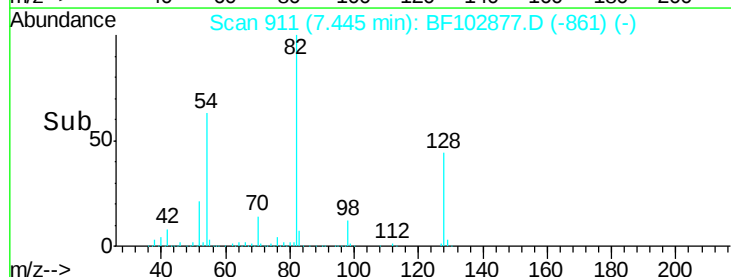
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1043710		
128	43.6		36.1	54.1	
54	63.5		41.4	62.2#	

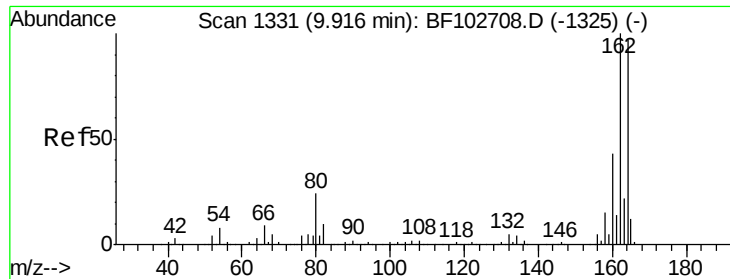


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





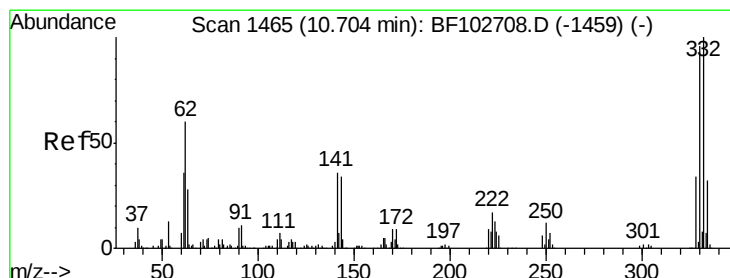
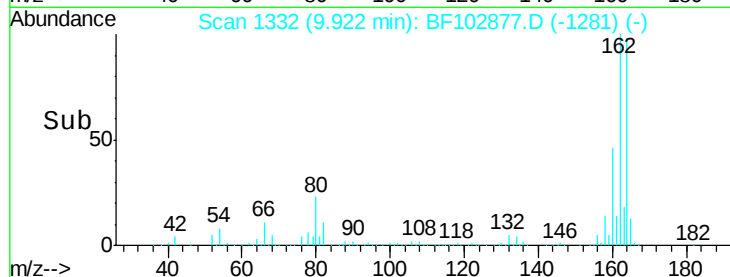
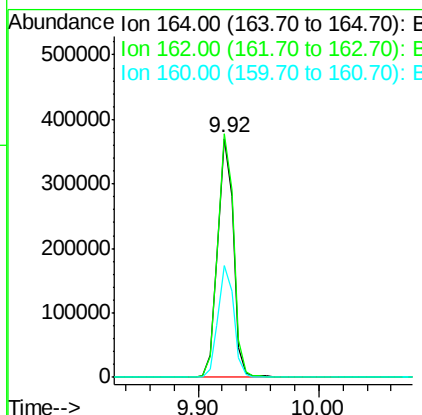
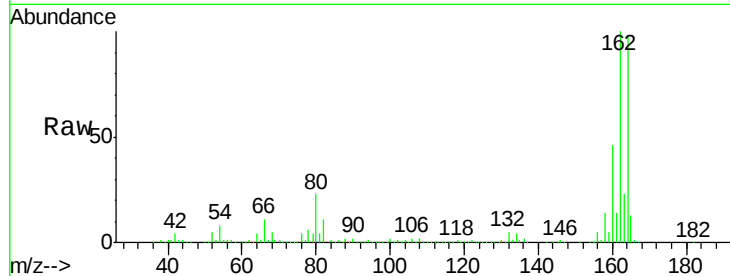
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102877.D
 Acq: 9 Feb 2018 10:02

Instrument :
 BNA_F
 ClientSampled :
 3N-18

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	86.1	129.1	
160	46.9	38.3	57.5	

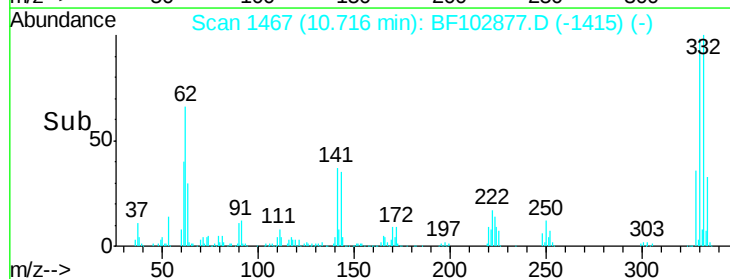
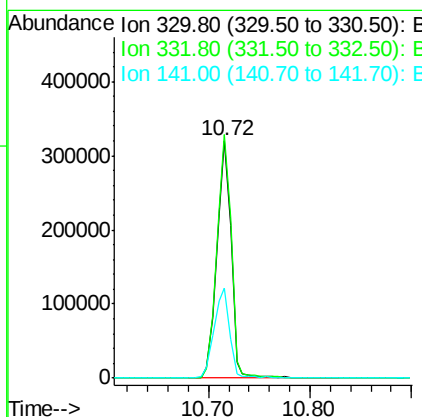
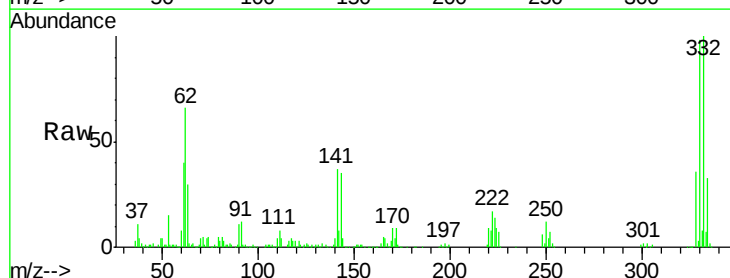
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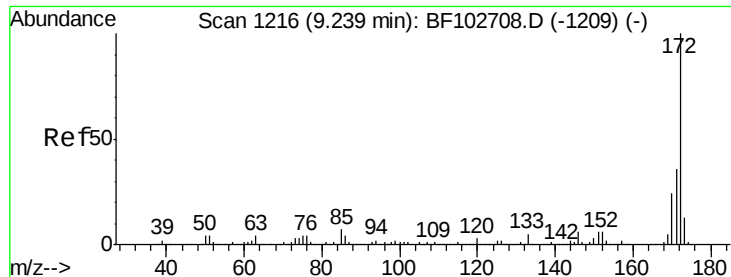
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#41
 2,4,6-Tribromophenol
 Concen: 118.846 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102877.D
 Acq: 9 Feb 2018 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.7	77.0	115.6	
141	40.8	29.9	44.9	





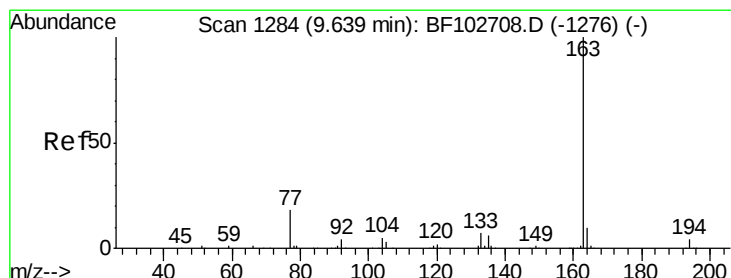
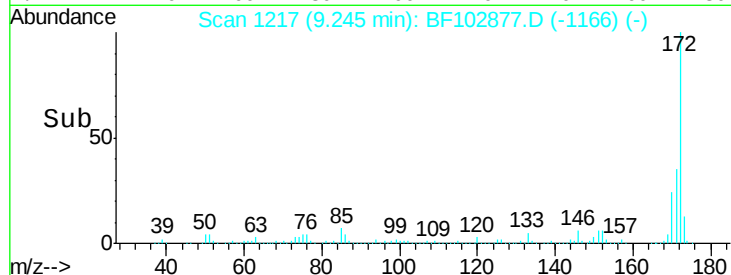
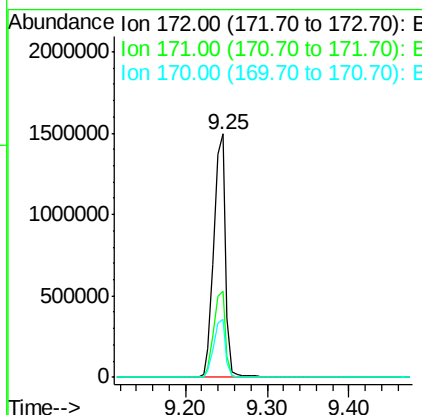
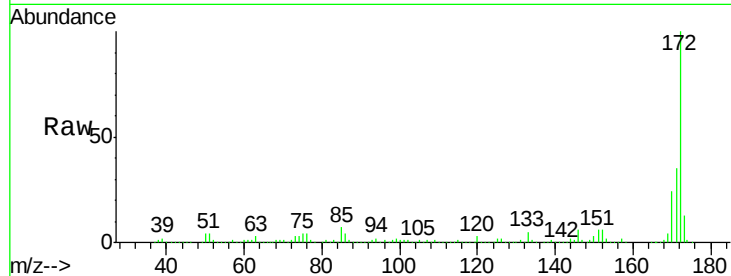
#44
 2-Fluorobiphenyl
 Concen: 75.357 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102877.D
 Acq: 9 Feb 2018 10:02

Instrument :
 BNA_F
 ClientSampleId :
 3N-18

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.0	19.6	29.4

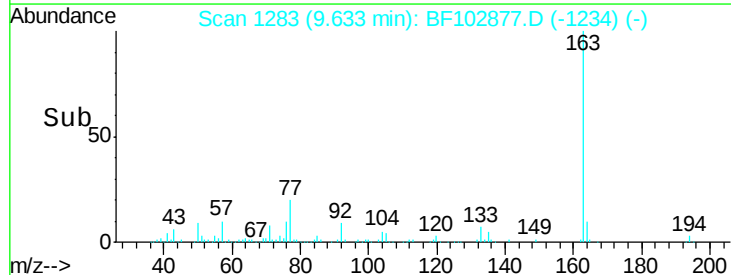
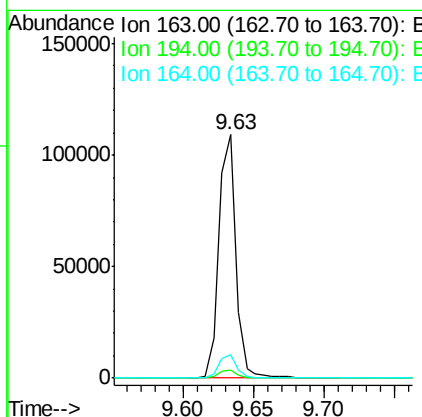
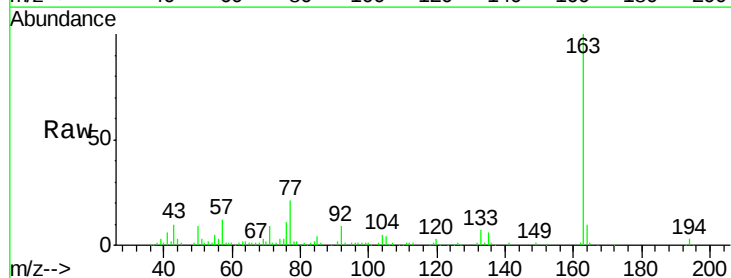
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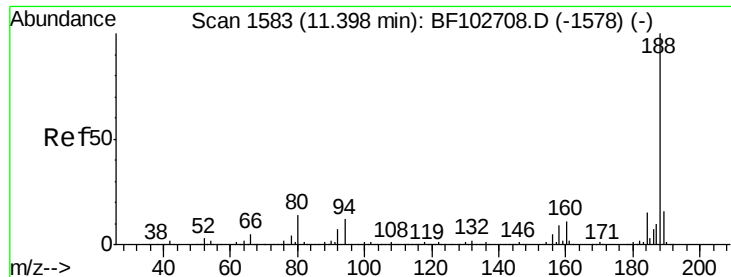
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#49
 Dimethylphthalate
 Concen: 3.583 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF102877.D
 Acq: 9 Feb 2018 10:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2





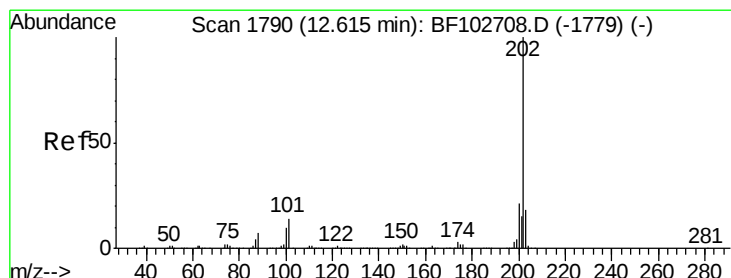
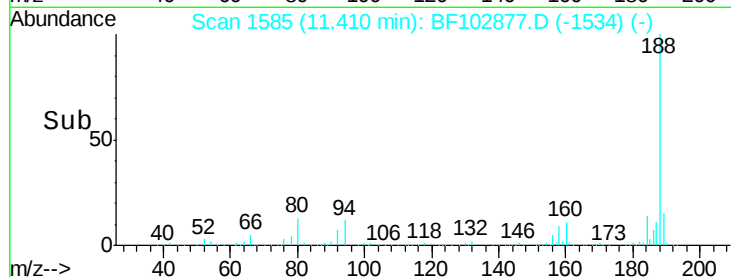
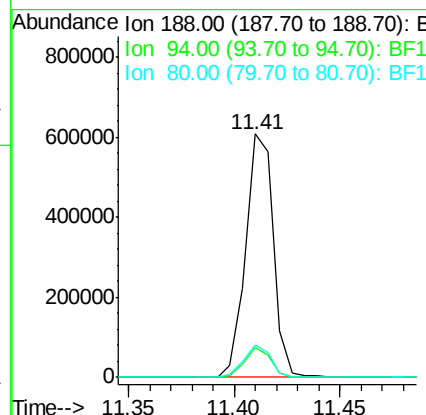
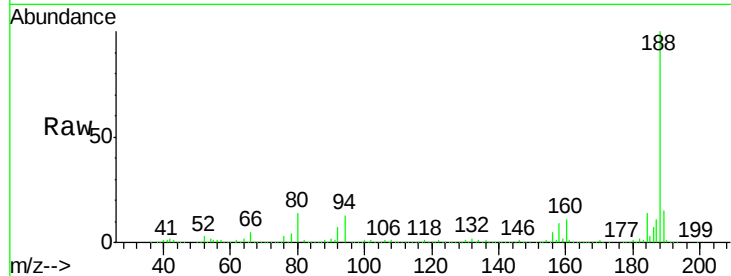
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampled :
3N-18

Tot Ion	Ratio	Resp	Lower	Upper
188	100	553105		
94	12.5		8.5	12.7
80	13.5		9.2	13.8

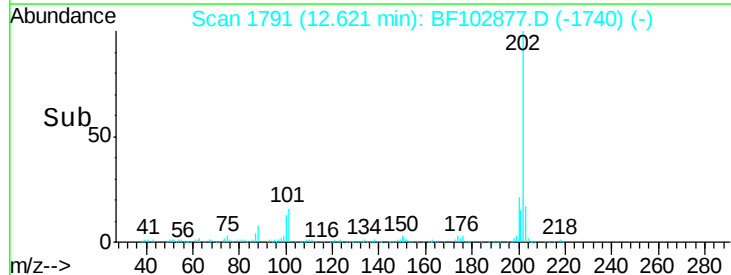
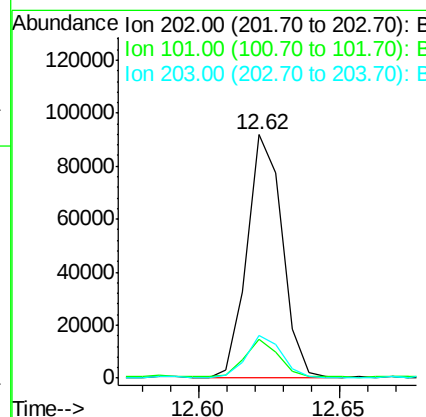
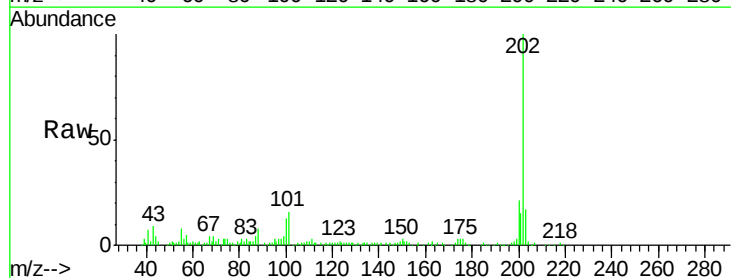
Manual Integrations
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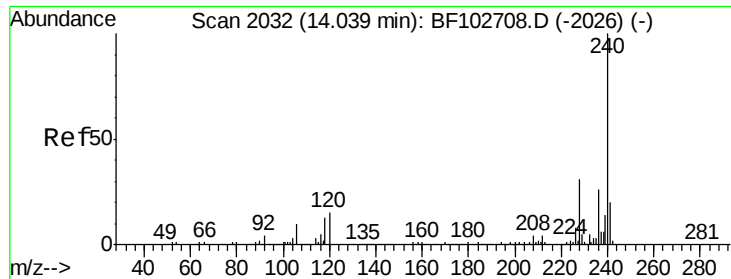
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#74
Fluoranthene
Concen: 2.581 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	80004		
101	16.1		0.0	34.1
203	17.3		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102877.D

Acq: 9 Feb 2018 10:02

Instrument :

BNA_F

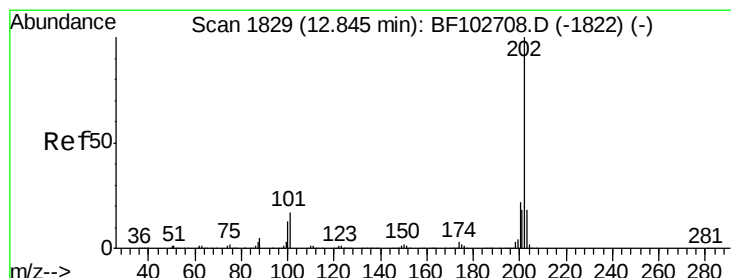
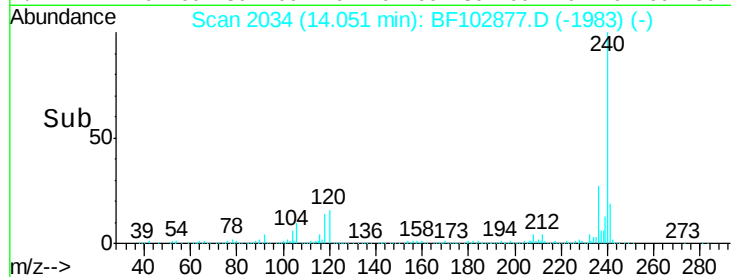
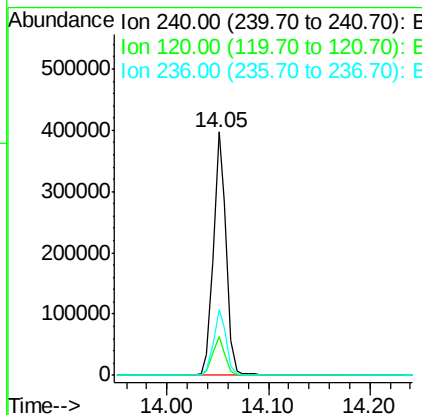
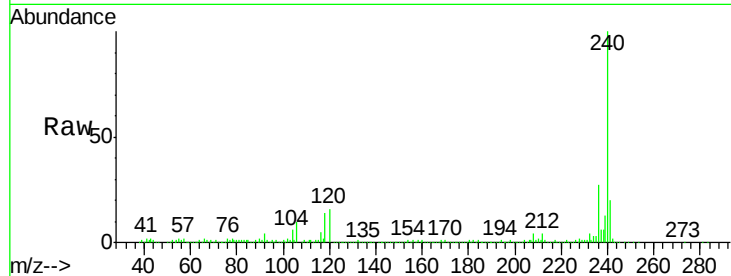
ClientSampled :

3N-18

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3
236	27.1	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.453 ng

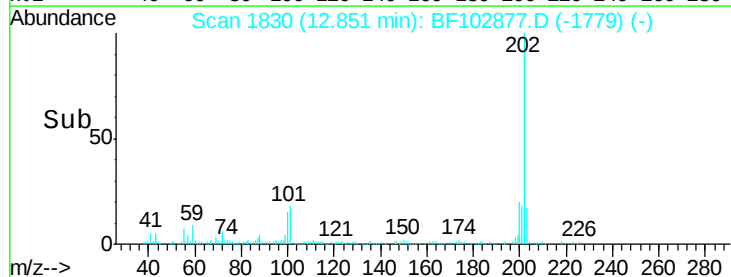
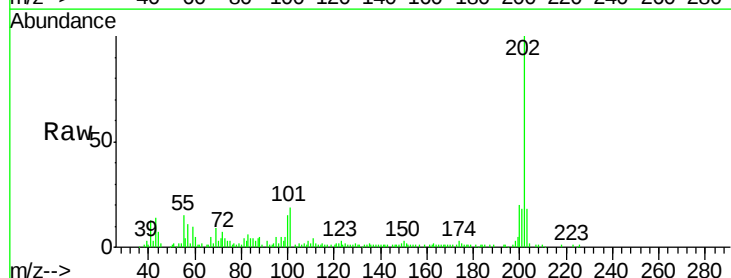
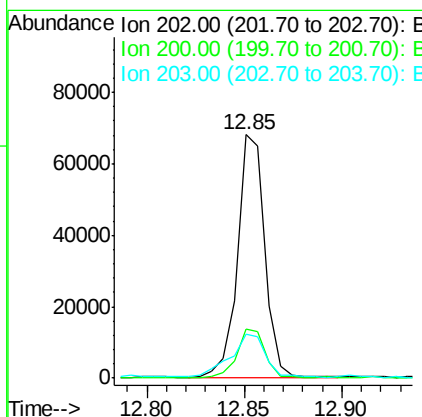
RT: 12.85 min Scan# 1830

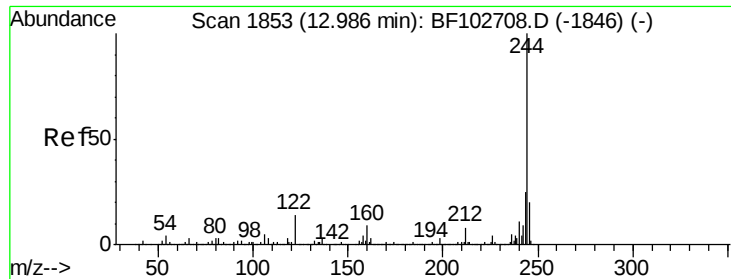
Delta R.T. 0.00 min

Lab File: BF102877.D

Acq: 9 Feb 2018 10:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.9	14.3	21.5





#78

Terphenyl-d14

Concen: 80.972 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102877.D

Acq: 9 Feb 2018 10:02

Instrument :

BNA_F

ClientSampled :

3N-18

Tot Ion:244 Resp: 1184386

Ion Ratio Lower Upper

244 100

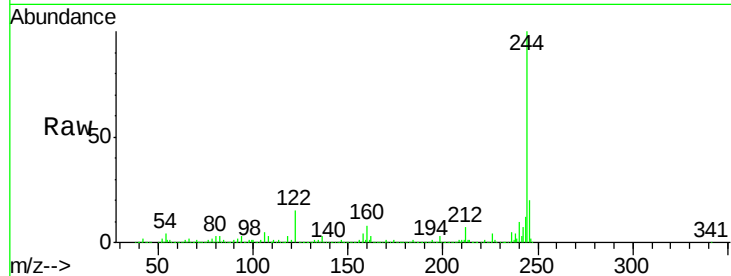
212 7.2 5.4 8.0

122 14.7 11.0 16.4

Manual Integrations
APPROVED

Sohil

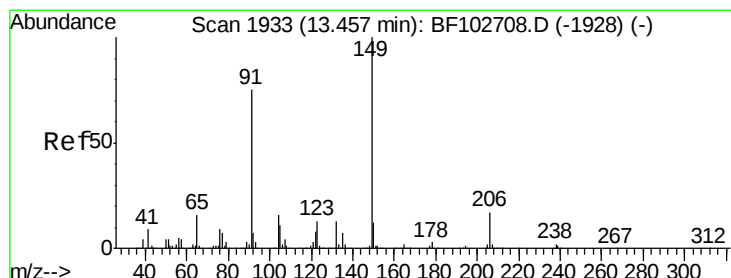
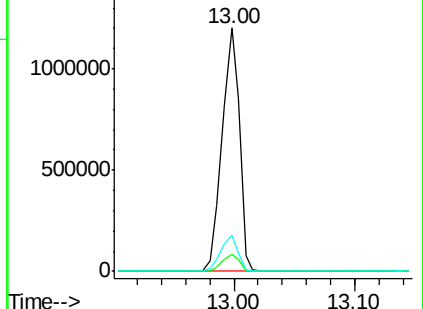
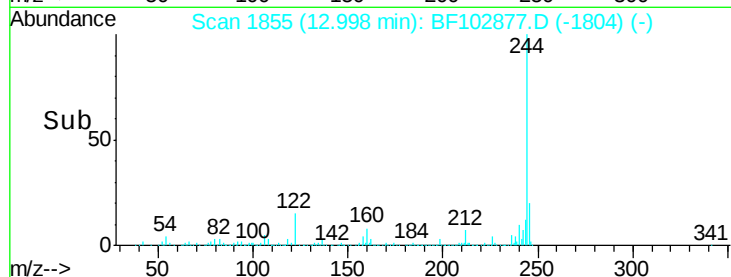
2/13/2018 4:35:03 AM



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



#79

Butylbenzylphthalate

Concen: 15.175 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF102877.D

Acq: 9 Feb 2018 10:02

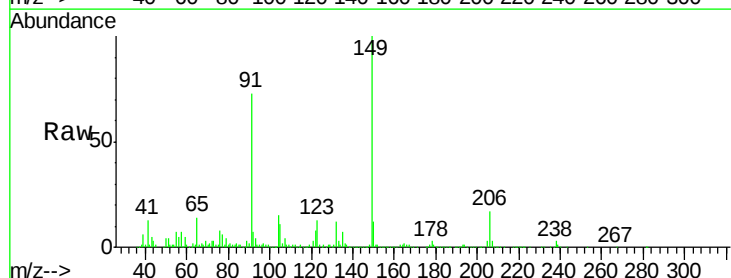
Tgt Ion:149 Resp: 187832

Ion Ratio Lower Upper

149 100

91 73.0 56.8 85.2

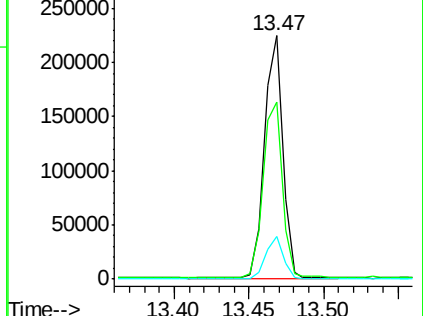
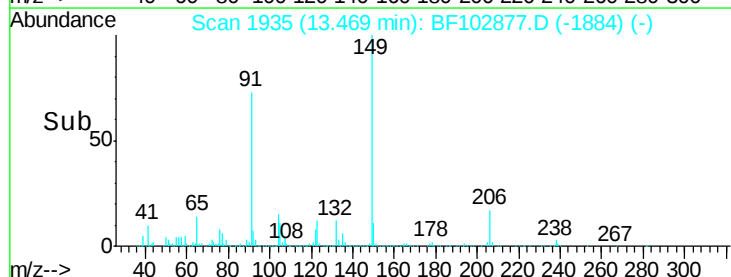
206 17.3 14.1 21.1

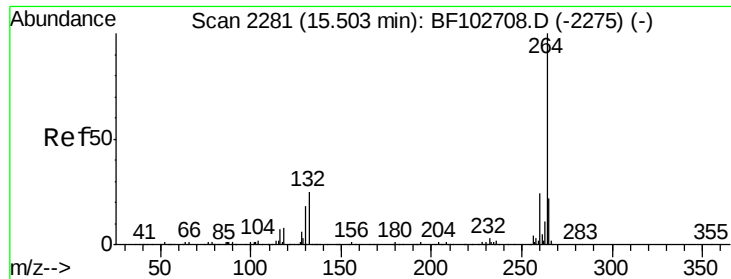


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :
3N-18

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
2/13/2018 4:35:03 AM

