

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101313.D
 Acq On : 12 Dec 2017 4:43
 Operator : SJ/JU
 Sample : I6764-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-1-E(0-1)

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:59:28 PM

Quant Time: Dec 12 06:52:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	40538	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	147957	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	59986	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	103397	20.00	ng	0.00
75) Chrysene-d12	14.01	240	87754	20.00	ng	0.00
86) Perylene-d12	15.49	264	66716	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	240335	97.97	ng	0.01
7) Phenol-d6	6.47	99	286405	96.16	ng	0.00
23) Nitrobenzene-d5	7.40	82	165262	66.63	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	53764	74.61	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	351294	80.13	ng	0.00
78) Terphenyl-d14	12.94	244	293184	73.08	ng	0.00
Target Compounds						
10) Phenol	6.48	94	7688	2.321	ng	Qvalue # 76
49) Dimethylphthalate	9.58	163	32841	6.789	ng	99
74) Fluoranthene	12.58	202	14727	2.333	ng	93
77) Pyrene	12.81	202	12938	2.137	ng	95
87) Benzo(b)fluoranthene	15.06	252	8660m	2.167	ng	

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

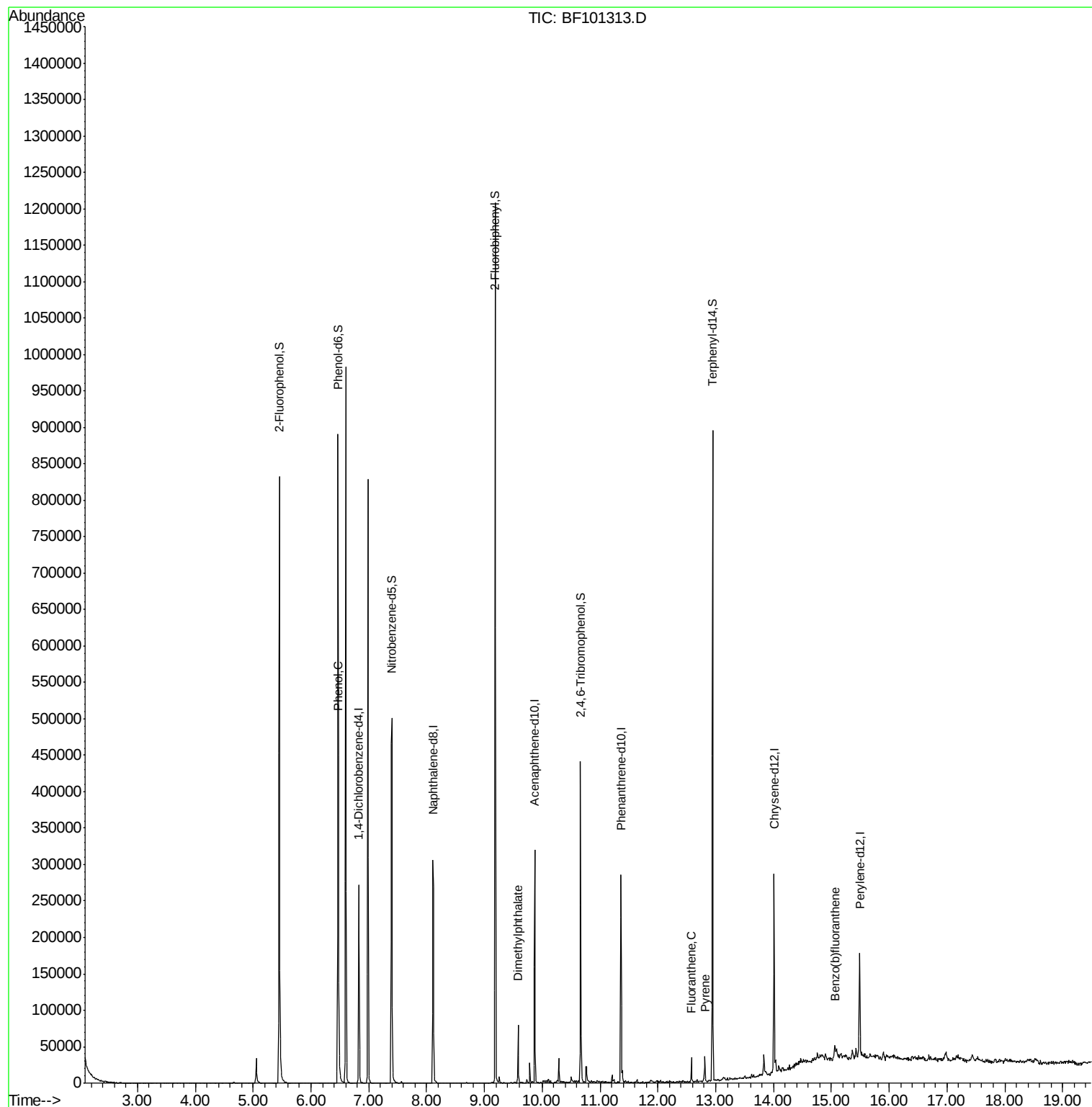
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101313.D
Acq On : 12 Dec 2017 4:43
Operator : SJ/JU
Sample : I6764-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

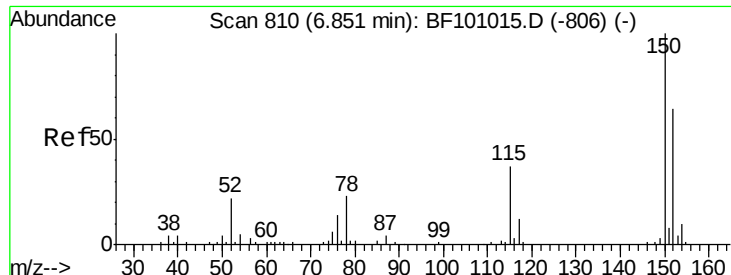
Instrument :
BNA_F
ClientSampleId :
MAP-1-E(0-1)

Manual Integrations
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12/12/2017 3:59:28 PM

Quant Time: Dec 12 06:52:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
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Response via : Initial Calibration





#1

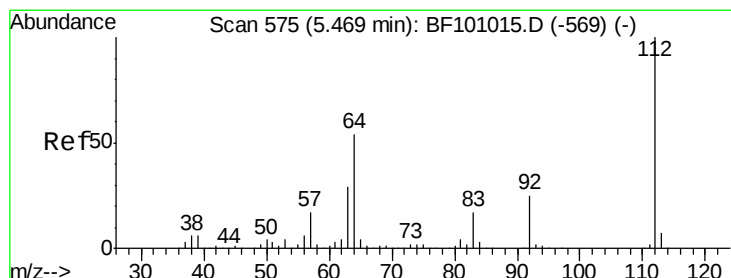
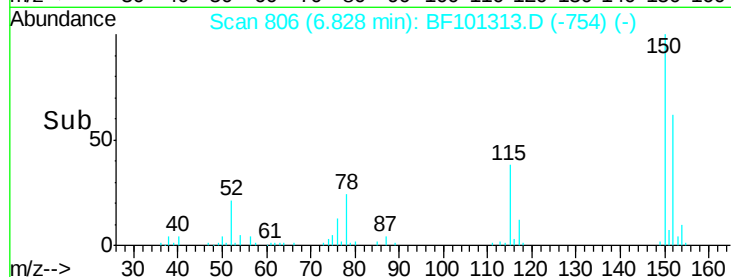
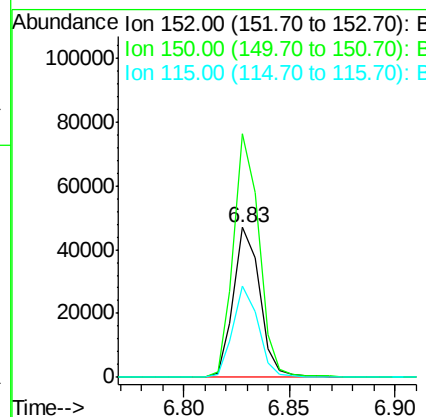
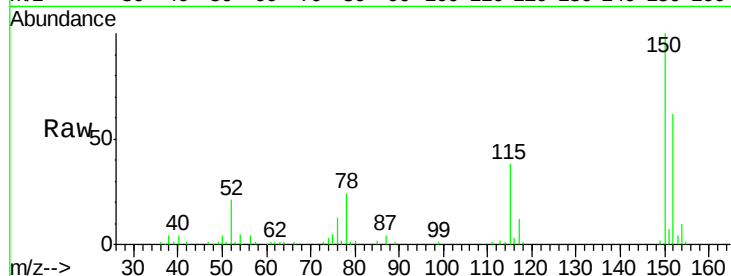
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101313.D
Acq: 12 Dec 2017 4:43

Instrument :
BNA_F
ClientSampled :
MAP-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.6	186.8
115	61.3	50.1	75.1

Manual Integrations
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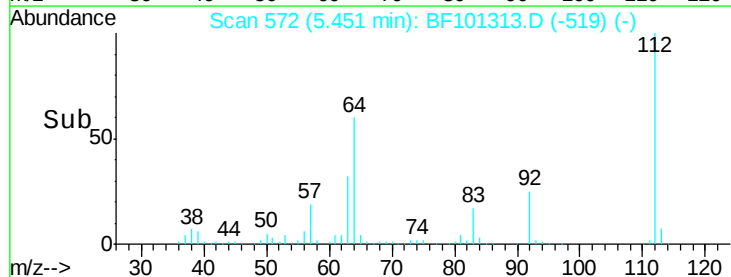
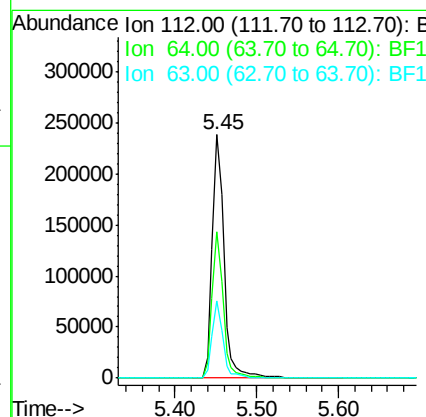
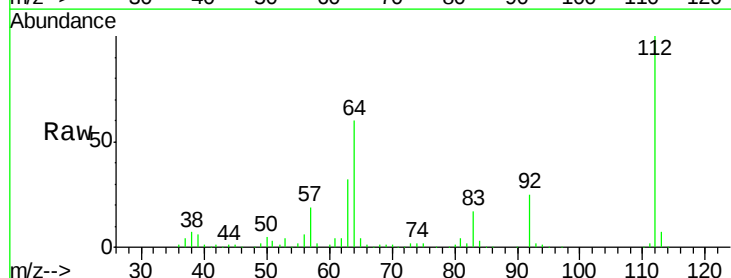
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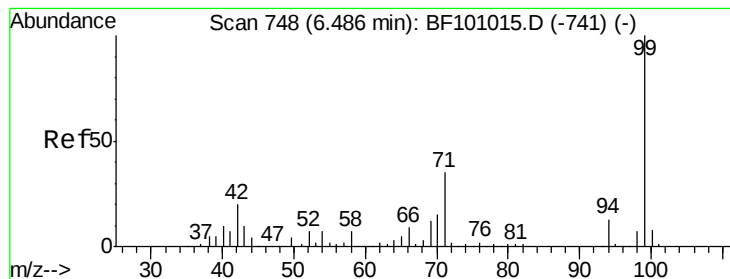


#5

2-Fluorophenol
Concen: 97.967 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101313.D
Acq: 12 Dec 2017 4:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	32.0	23.7	35.5





#7

Phenol-d6

Concen: 96.159 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101313.D

Acq: 12 Dec 2017 4:43

Instrument :

BNA_F

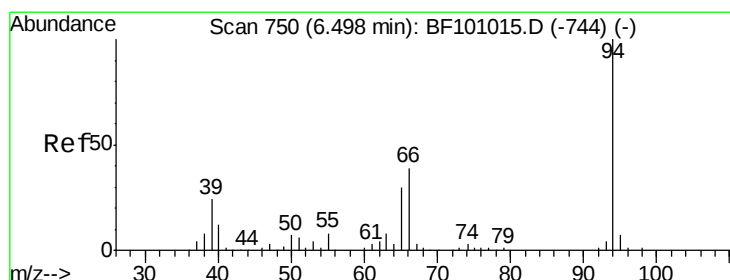
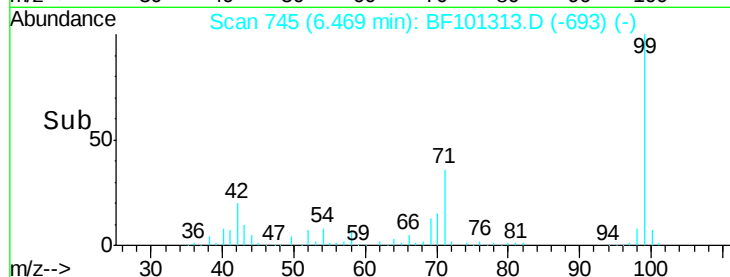
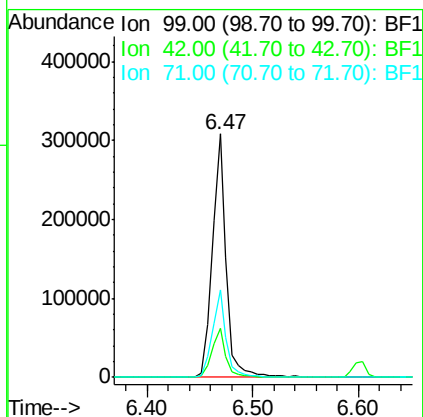
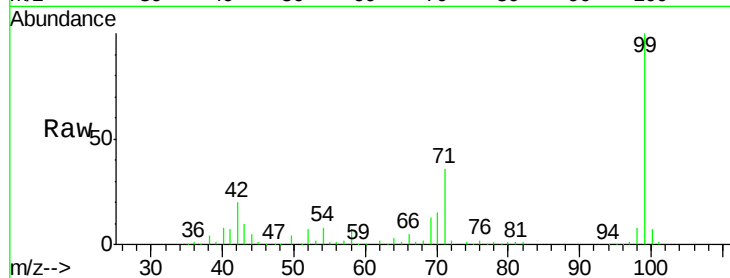
ClientSampleId :

MAP-1-E(0-1)

Tot Ion:	99	Resp:	286405
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.5	21.7
71	35.7	25.4	38.0

Manual Integrations
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#10

Phenol

Concen: 2.321 ng

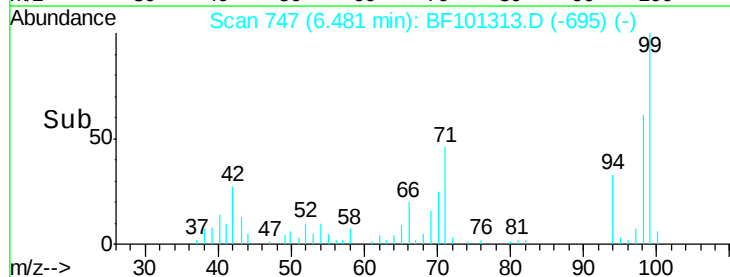
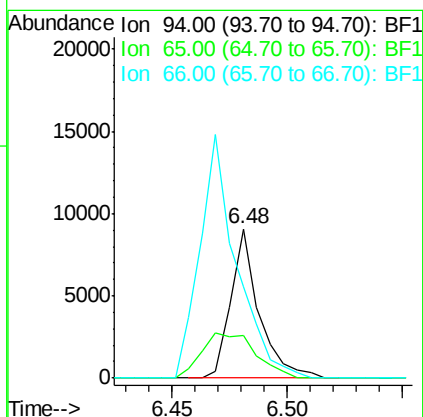
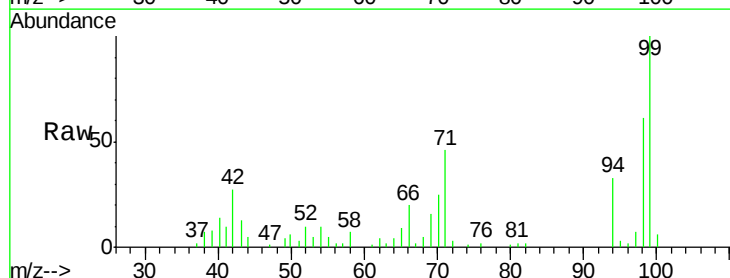
RT: 6.48 min Scan# 747

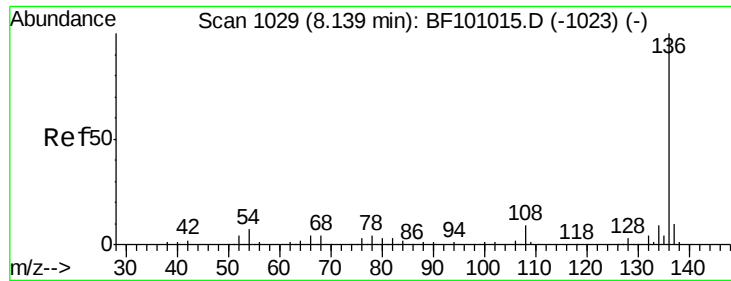
Delta R.T. 0.01 min

Lab File: BF101313.D

Acq: 12 Dec 2017 4:43

Tgt Ion:	94	Resp:	7688
Ion Ratio	Lower	Upper	
94	100		
65	28.6	7.9	47.9
66	60.8	16.2	56.2





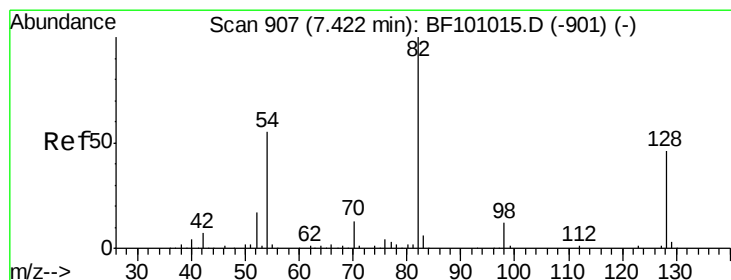
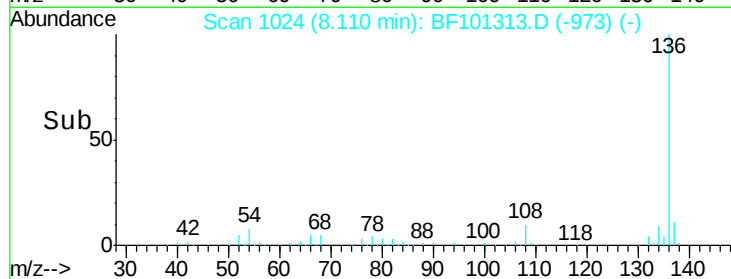
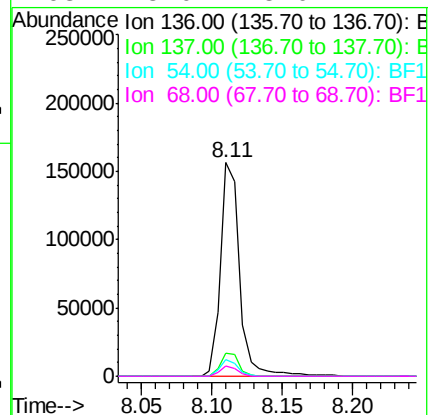
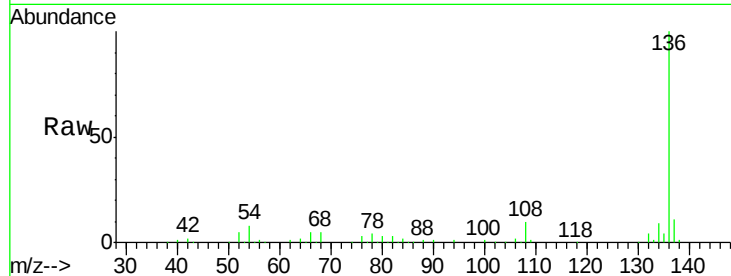
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101313.D
Acq: 12 Dec 2017 4:43

Instrument :
BNA_F
ClientSampleId :
MAP-1-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	147957		
137	10.8	8.9	13.3	
54	7.8	6.6	9.8	
68	5.0	5.0	7.4	

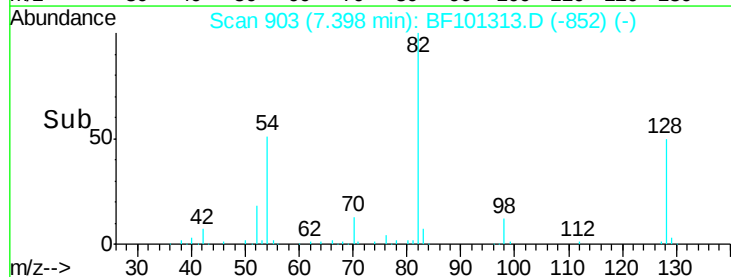
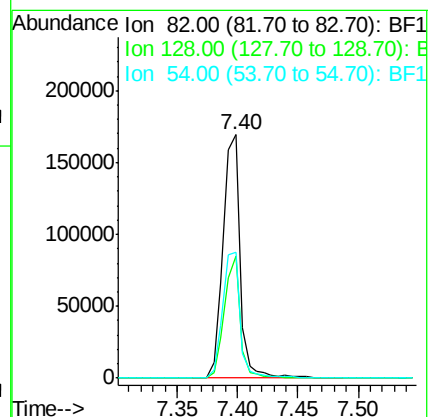
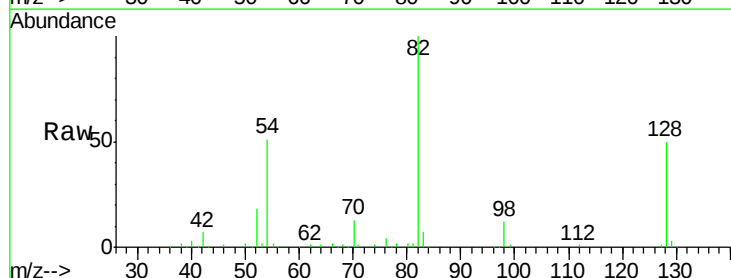
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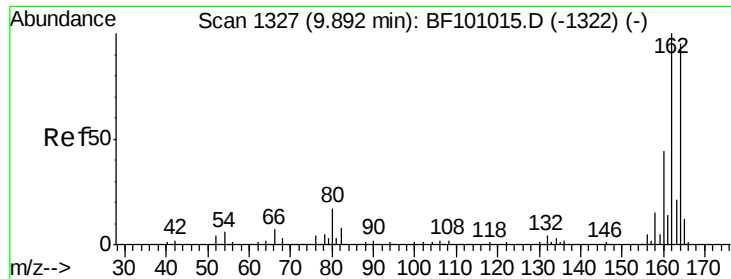
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#23
Nitrobenzene-d5
Concen: 66.630 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101313.D
Acq: 12 Dec 2017 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	165262		
128	50.0	36.1	54.1	
54	51.5	41.4	62.2	





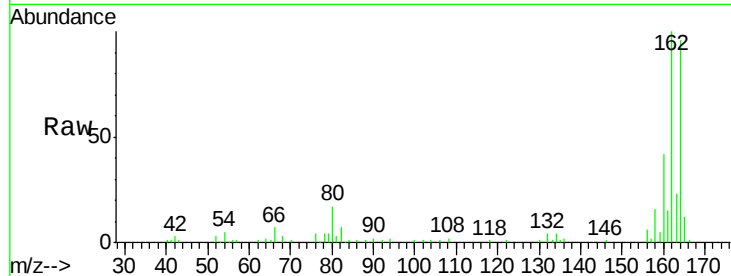
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101313.D
Acq: 12 Dec 2017 4:43

Instrument :
BNA_F
ClientSampled :
MAP-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	44.2	38.3	57.5

Manual Integrations
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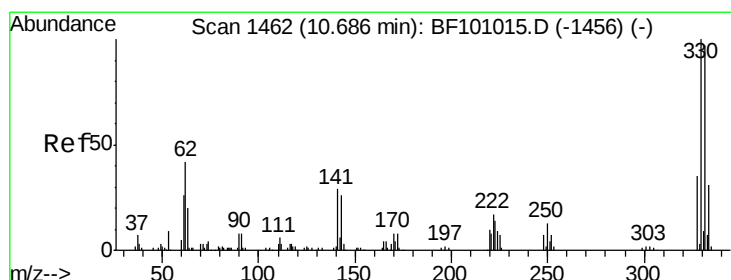
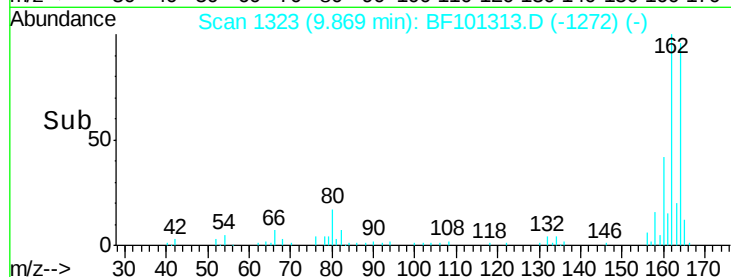
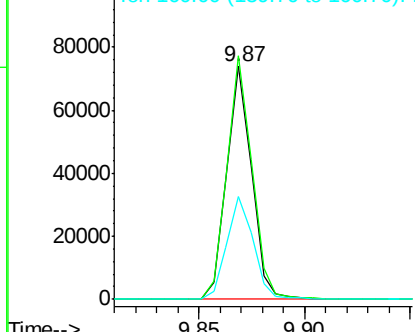


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 74.610 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF101313.D
Acq: 12 Dec 2017 4:43

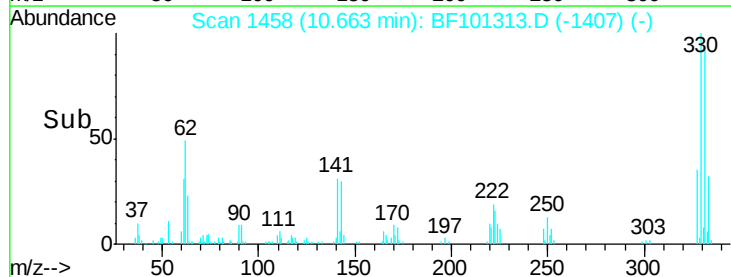
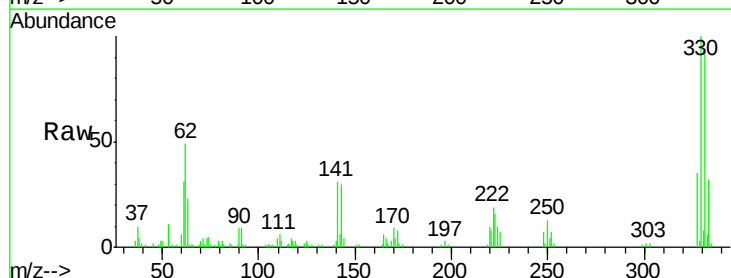
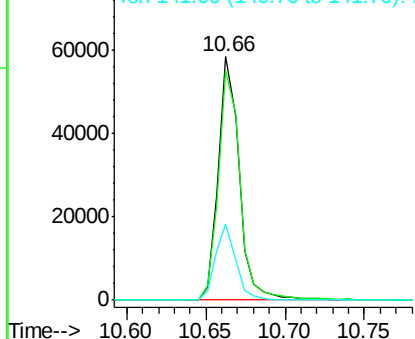
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	30.0	29.9	44.9

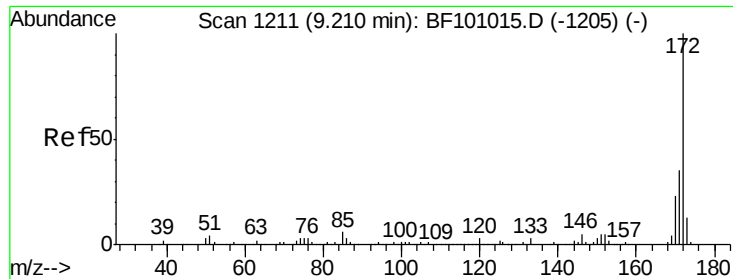
Abundance

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





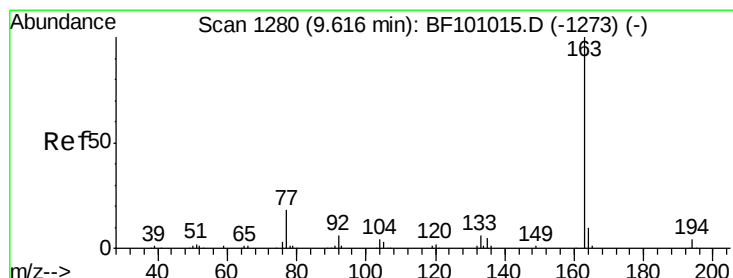
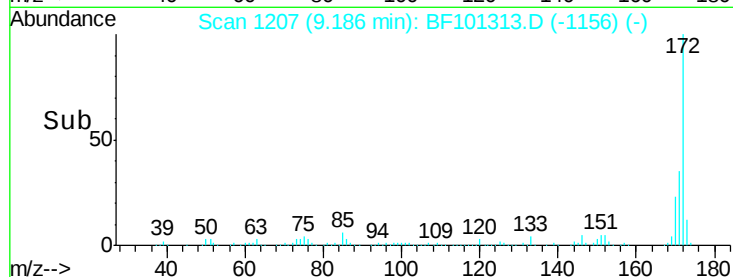
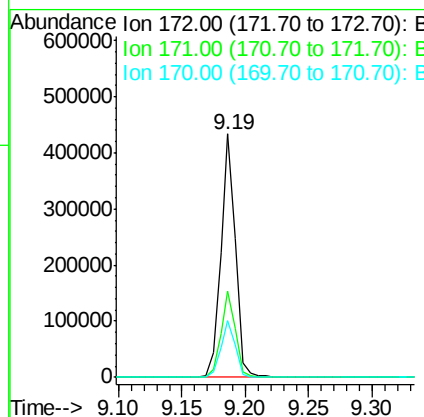
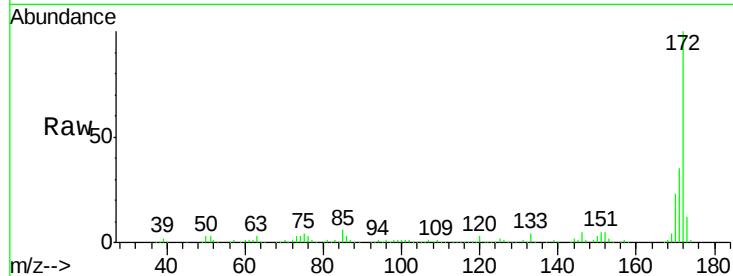
#44
2-Fluorobiphenyl
Concen: 80.125 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101313.D
Acq: 12 Dec 2017 4:43

Instrument :
BNA_F
ClientSampleId :
MAP-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.3	19.6	29.4

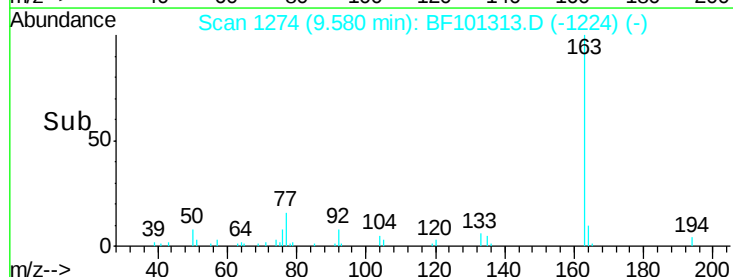
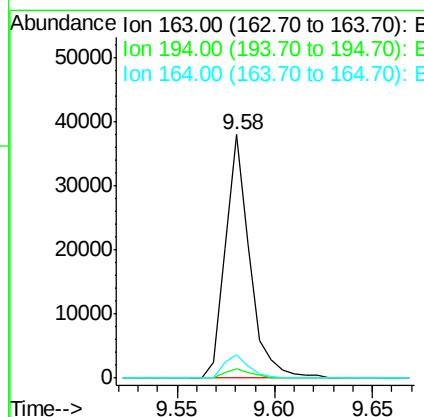
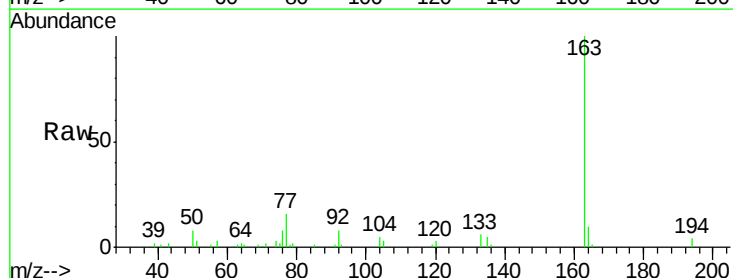
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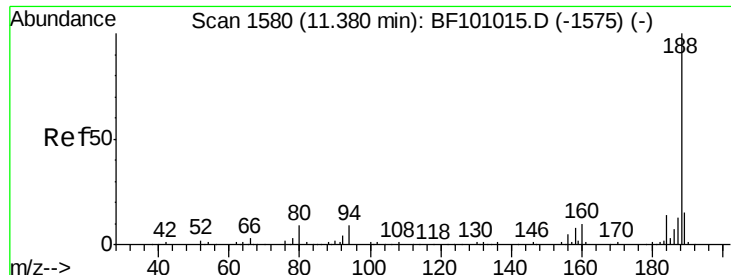
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#49
Dimethylphthalate
Concen: 6.789 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101313.D
Acq: 12 Dec 2017 4:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101313.D

Acq: 12 Dec 2017 4:43

Instrument :

BNA_F

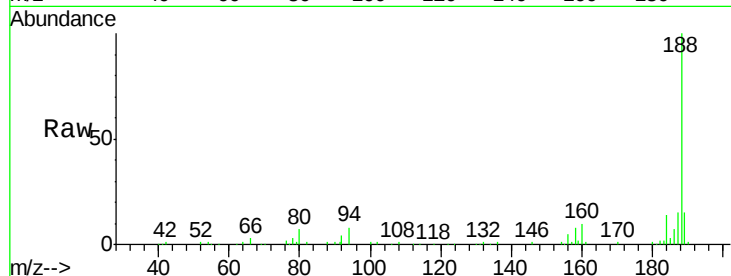
ClientSampleId :

MAP-1-E(0-1)

Tot Ion:	188	Resp:	103397
Ion Ratio	Lower	Upper	
188	100		
94	7.9	8.5	12.7#
80	7.3	9.2	13.8#

Manual Integrations
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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

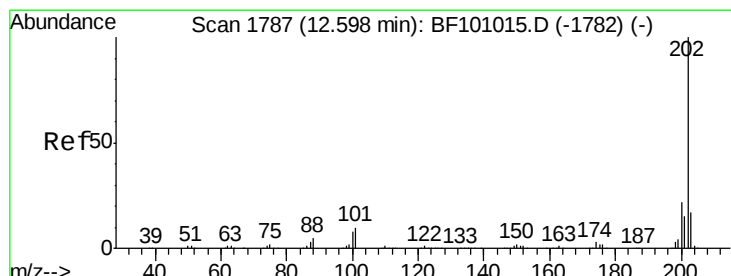
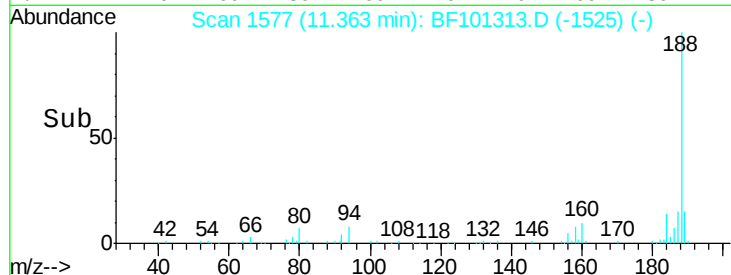
11.36

100000

50000

0

Time--> 11.30 11.35 11.40



#74

Fluoranthene

Concen: 2.333 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF101313.D

Acq: 12 Dec 2017 4:43

Tgt Ion:	202	Resp:	14727
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	34.1
203	16.8	0.0	38.1

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

12.58

20000

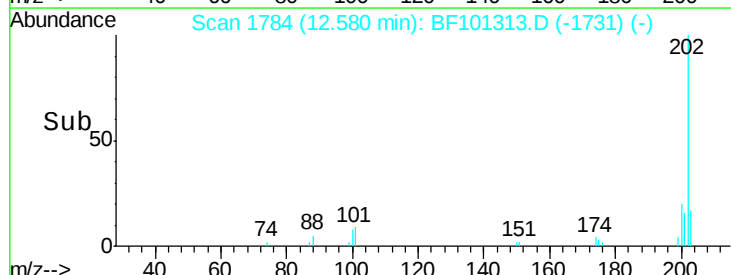
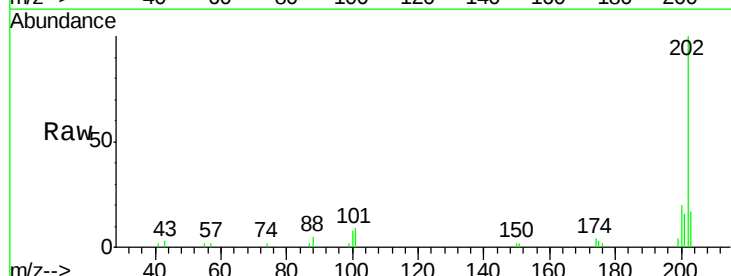
15000

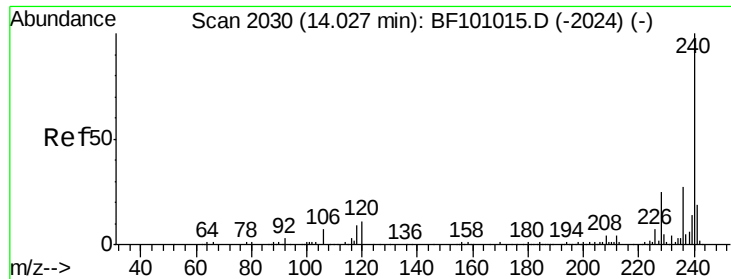
10000

5000

0

Time--> 12.55 12.60





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101313.D

Acq: 12 Dec 2017 4:43

Instrument :

BNA_F

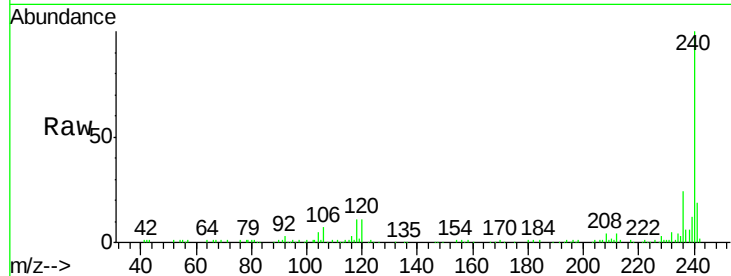
ClientSampleId :

MAP-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	24.4	20.7	31.1

Manual Integrations
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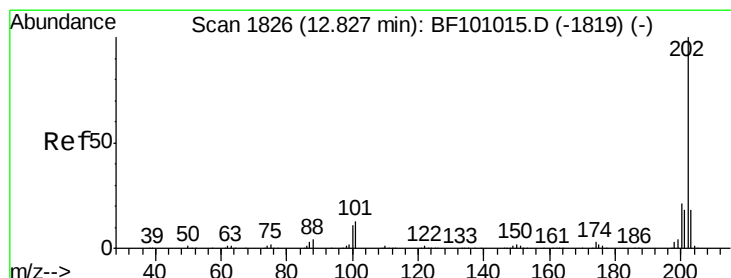
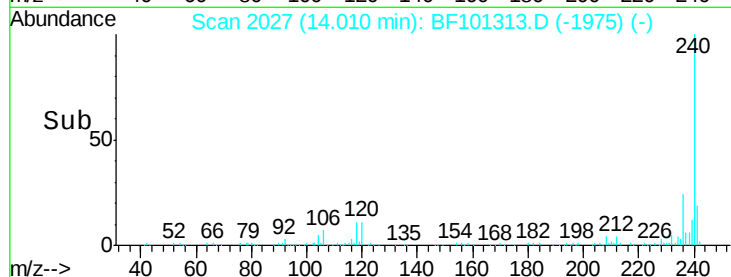
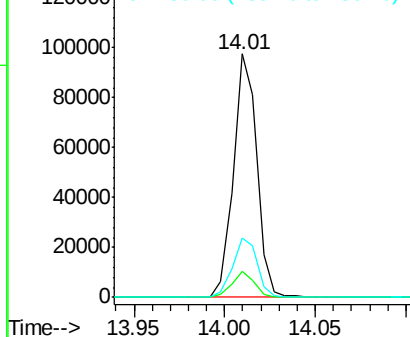
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.137 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF101313.D

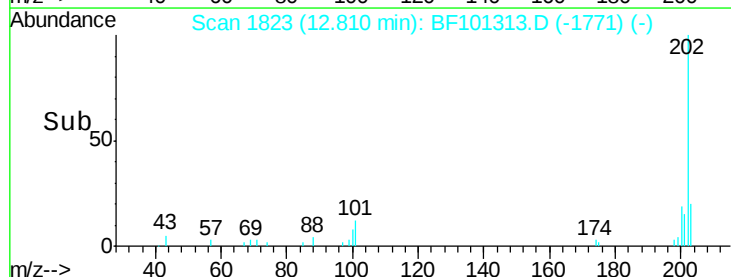
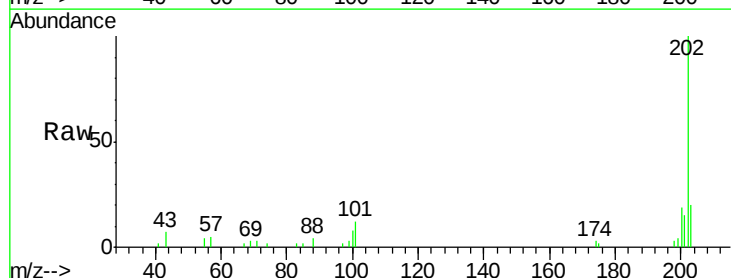
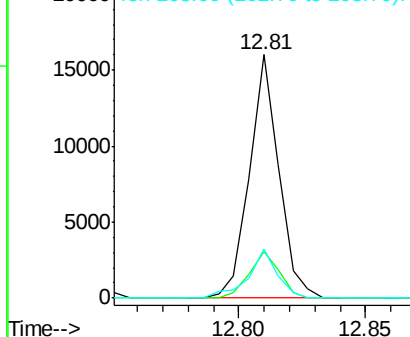
Acq: 12 Dec 2017 4:43

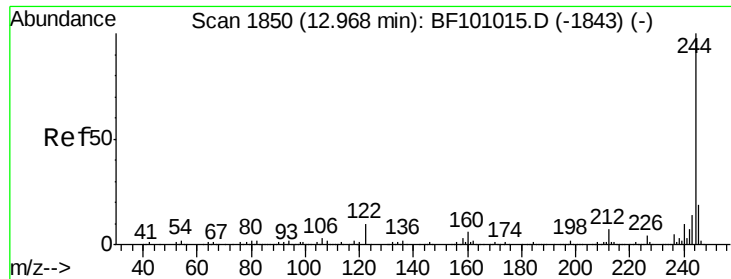
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.4	26.2
203	19.9	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





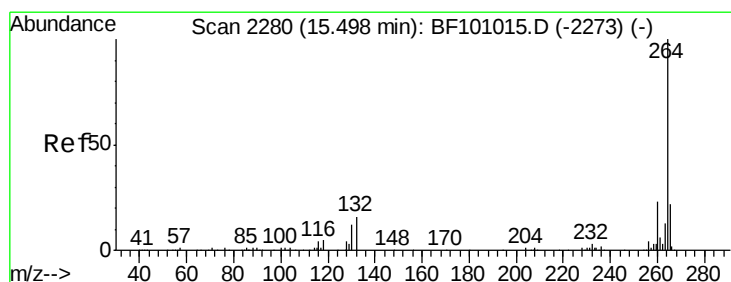
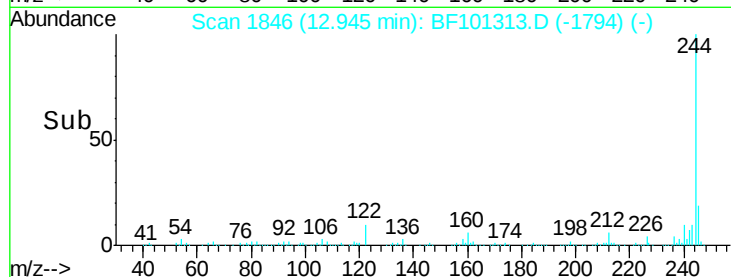
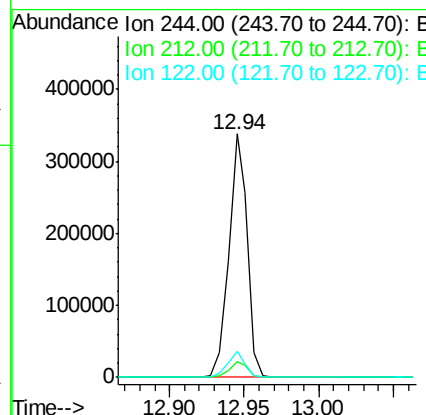
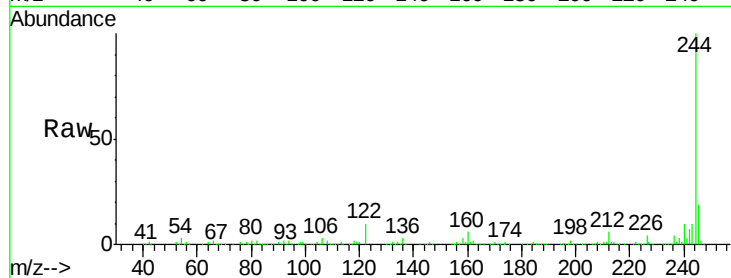
#78
 Terphenyl-d14
 Concen: 73.076 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF101313.D
 Acq: 12 Dec 2017 4:43

Instrument :
 BNA_F
 ClientSampleId :
 MAP-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.4	11.0	16.4

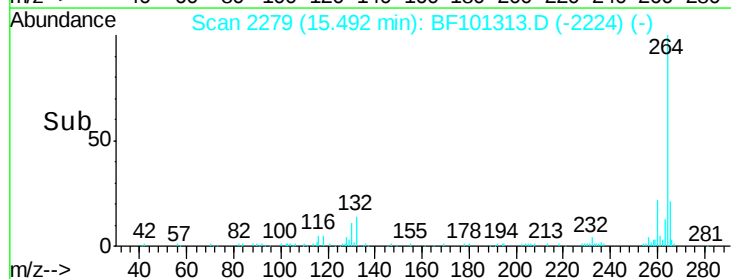
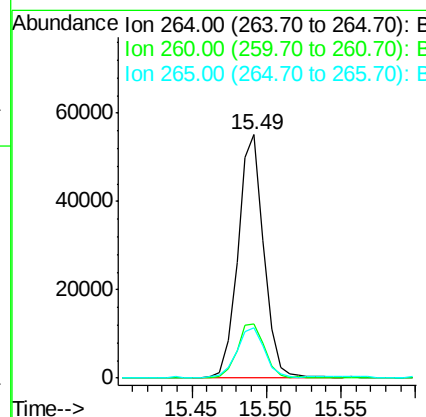
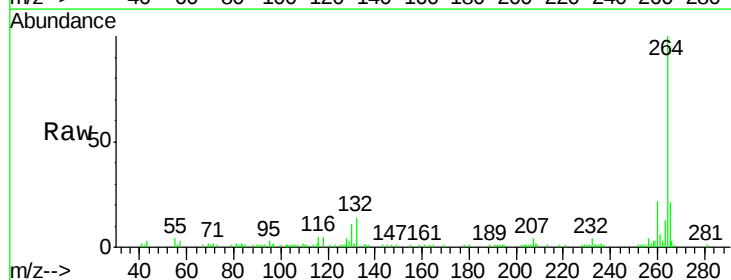
Manual Integrations
 APPROVED

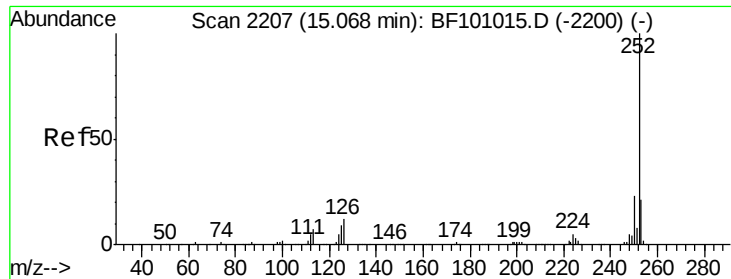
Sohil
 12/12/2017 3:59:28 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.02 min
 Lab File: BF101313.D
 Acq: 12 Dec 2017 4:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.6	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.167 ng/ml
 RT: 15.06 min Scan# 2205
 Delta R.T. 0.02 min
 Lab File: BF101313.D
 Acq: 12 Dec 2017 4:43

Instrument :
 BNA_F
 ClientSampleId :
 MAP-1-E(0-1)

Tot Ion:	252	Resp:	8660
Ion Ratio	Lower	Upper	
252	100		
253	36.8	17.0	25.6#
125	13.9	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:59:28 PM

