

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100641.D
 Acq On : 16 Nov 2017 20:02
 Operator : SJ/JU
 Sample : I6462-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-004-ABCD

Manual Integrations
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Quant Time: Nov 17 01:31:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 12:15:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	124341	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	482331	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	207634	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	326025	20.00	ng	0.00
75) Chrysene-d12	14.04	240	246814	20.00	ng	0.00
86) Perylene-d12	15.52	264	211744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	708096	91.29	ng	0.00
7) Phenol-d6	6.51	99	857354	89.63	ng	0.00
23) Nitrobenzene-d5	7.45	82	530040	72.65	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	156504	73.97	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	959999	70.40	ng	0.00
78) Terphenyl-d14	12.99	244	656664	61.13	ng	0.00
Target Compounds						
10) Phenol	6.52	94	35109	3.496	ng	95
49) Dimethylphthalate	9.63	163	56006	3.533	ng	# 99
74) Fluoranthene	12.62	202	48753	2.680	ng	93
77) Pyrene	12.84	202	47525	2.701	ng	98
87) Benzo(b)fluoranthene	15.08	252	26048m	2.076	ng	

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

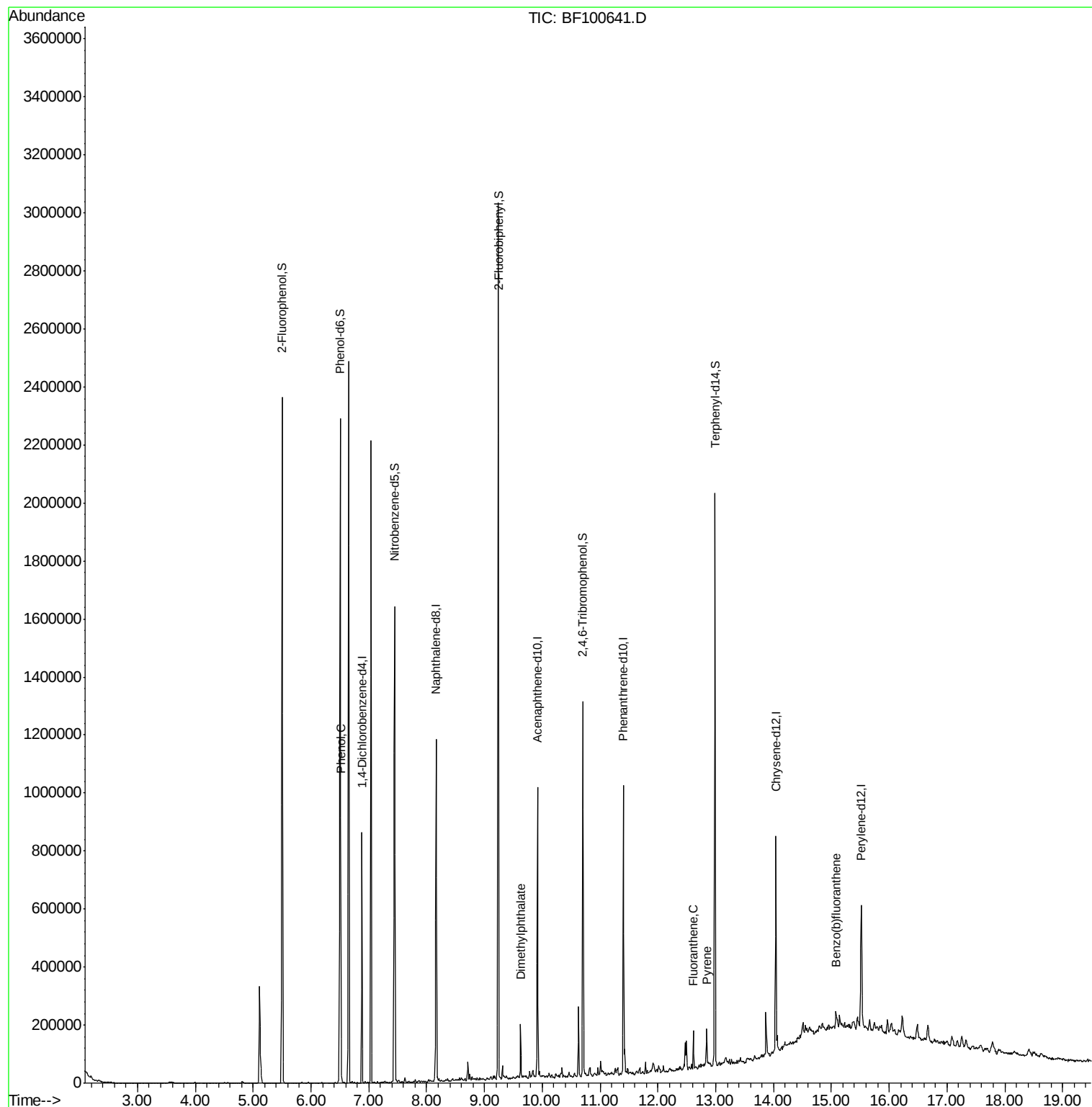
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100641.D
Acq On : 16 Nov 2017 20:02
Operator : SJ/JU
Sample : I6462-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

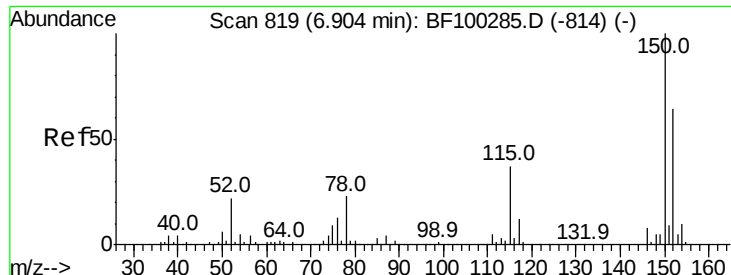
Instrument :
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Quant Time: Nov 17 01:31:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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Response via : Initial Calibration





#1

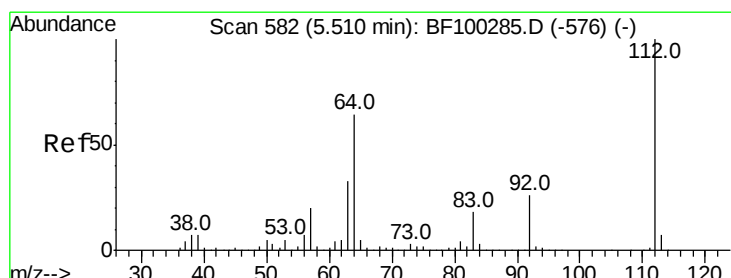
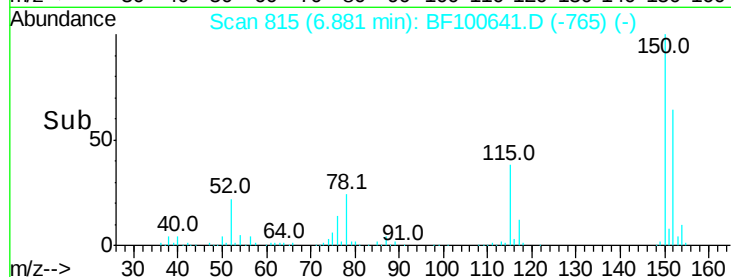
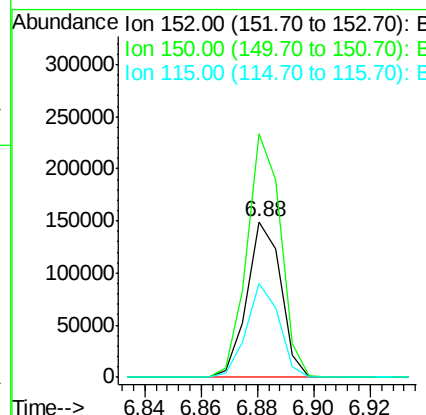
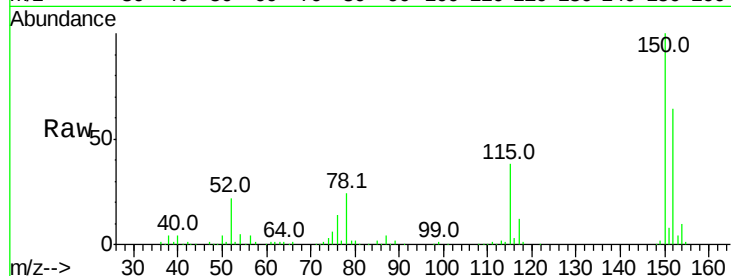
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100641.D
Acq: 16 Nov 2017 20:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	60.1	50.1	75.1

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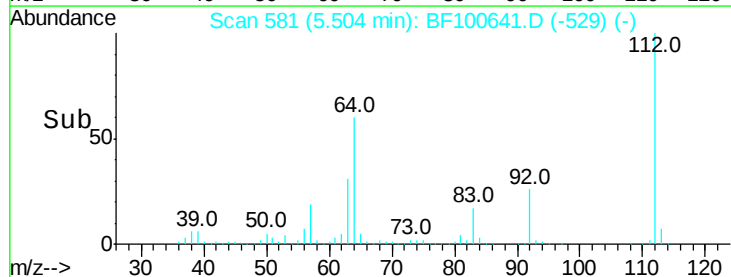
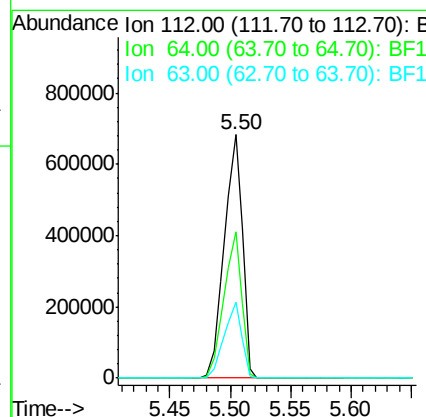
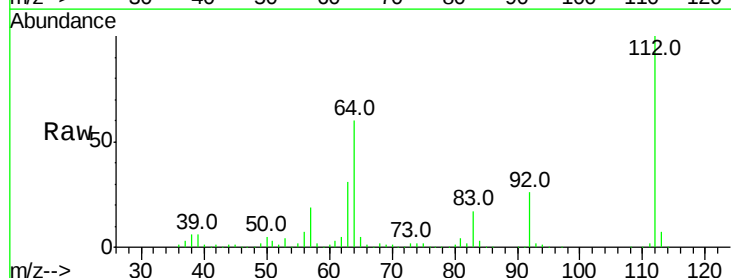
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#5

2-Fluorophenol
Concen: 91.287 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100641.D
Acq: 16 Nov 2017 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	31.0	23.7	35.5





#7

Phenol-d6

Concen: 89.633 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100641.D

Acq: 16 Nov 2017 20:02

Instrument :

BNA_F

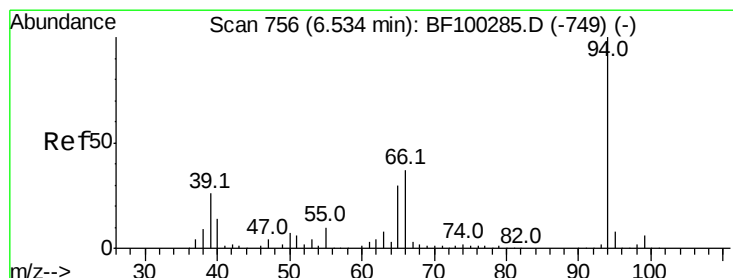
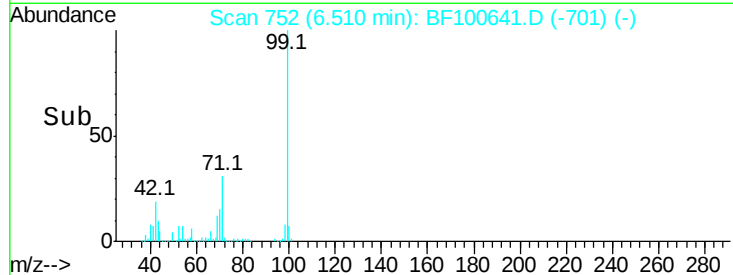
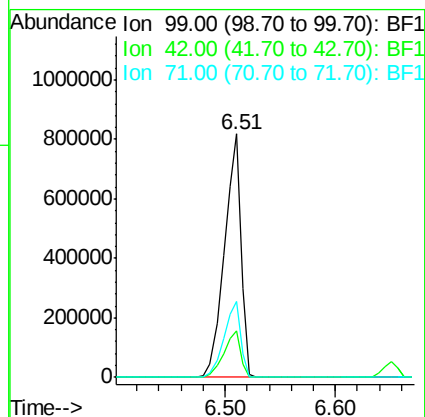
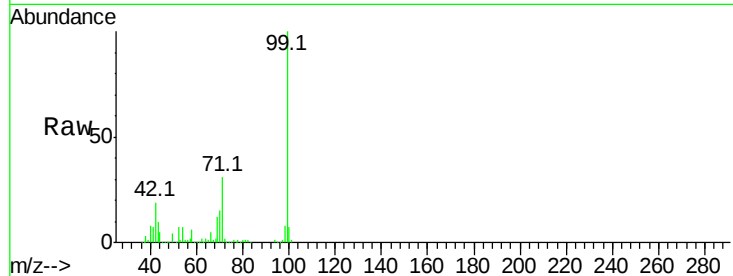
ClientSampleId :

FK-EF-01-004-ABCD

Tot Ion:	99	Resp:	857354
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.5	21.7
71	31.3	25.4	38.0

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#10

Phenol

Concen: 3.496 ng

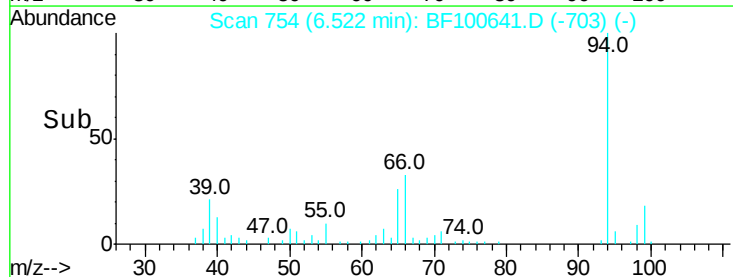
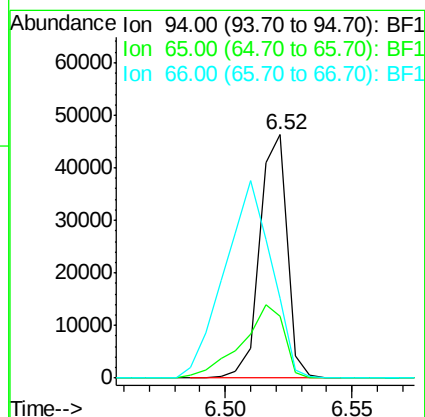
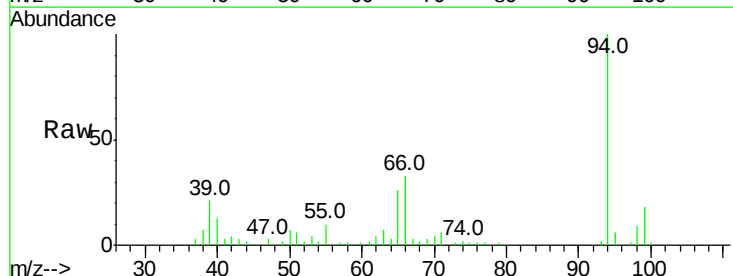
RT: 6.52 min Scan# 754

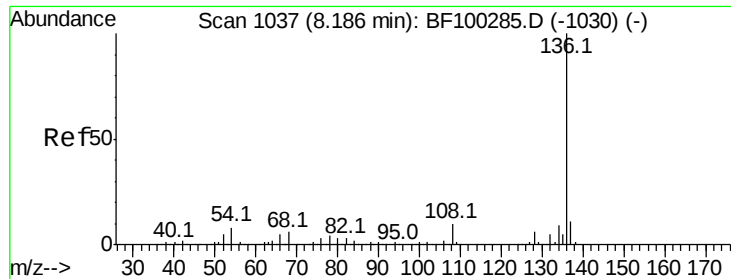
Delta R.T. -0.00 min

Lab File: BF100641.D

Acq: 16 Nov 2017 20:02

Tgt Ion:	94	Resp:	35109
Ion Ratio	Lower	Upper	
94	100		
65	25.7	7.9	47.9
66	32.5	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100641.D

Acq: 16 Nov 2017 20:02

Instrument :

BNA_F

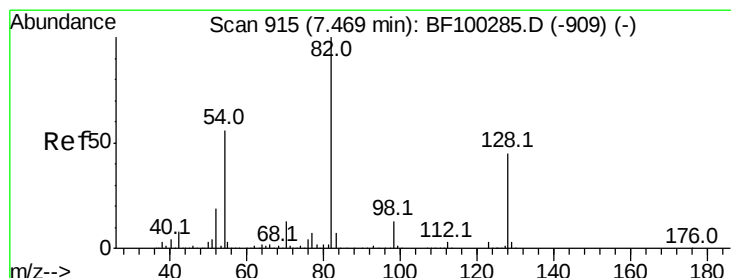
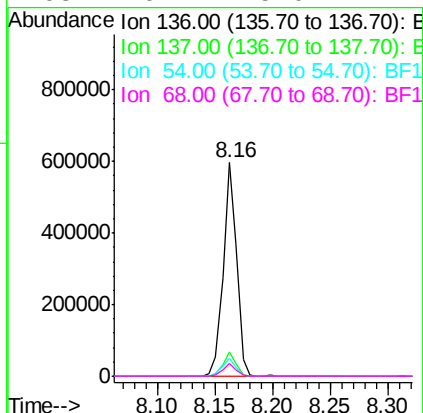
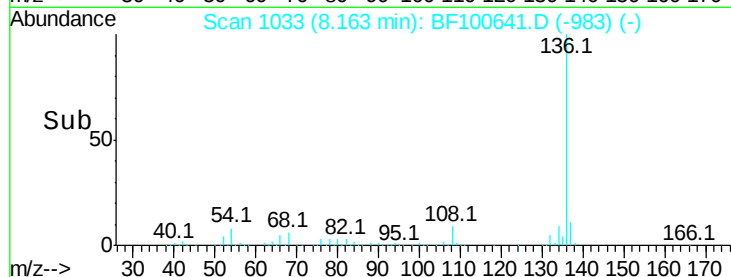
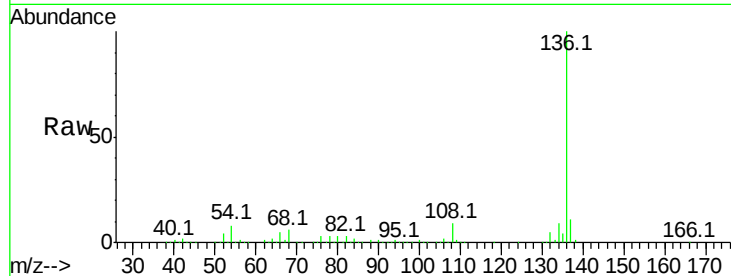
ClientSampleId :

FK-EF-01-004-ABCD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	482331		
137	11.4	8.9	13.3	
54	8.4	6.6	9.8	
68	6.2	5.0	7.4	

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#23

Nitrobenzene-d5

Concen: 72.653 ng

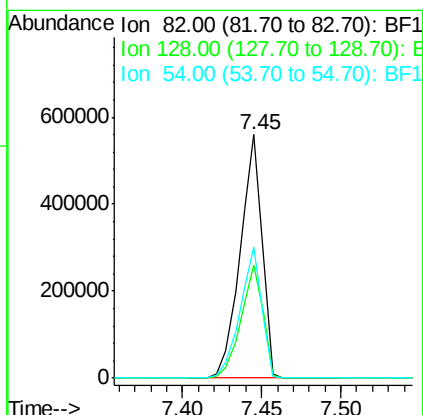
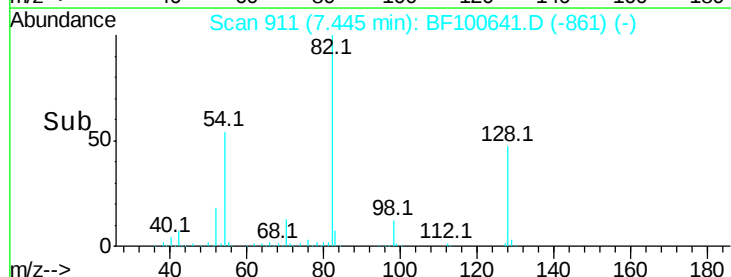
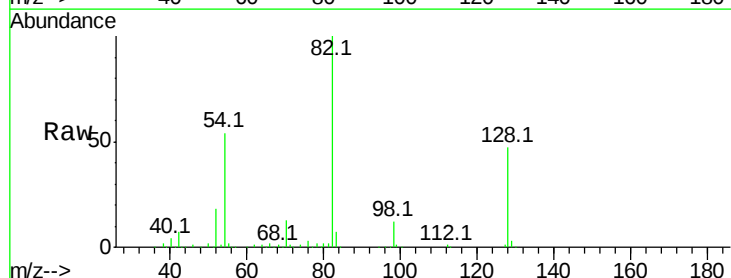
RT: 7.45 min Scan# 911

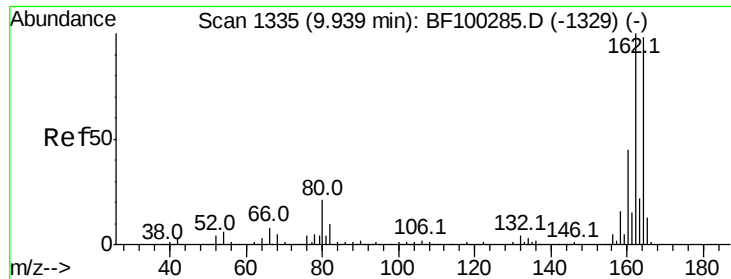
Delta R.T. -0.01 min

Lab File: BF100641.D

Acq: 16 Nov 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	530040		
128	46.5	36.1	54.1	
54	53.8	41.4	62.2	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100641.D

Acq: 16 Nov 2017 20:02

Instrument :

BNA_F

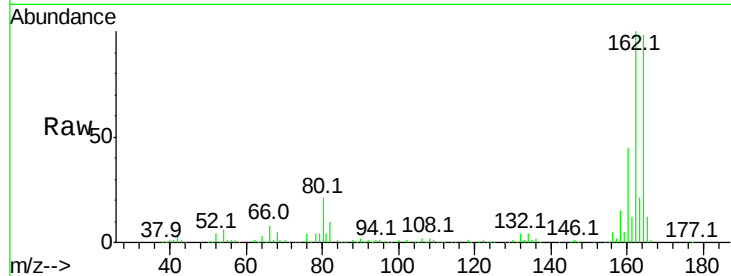
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FK-EF-01-004-ABCD

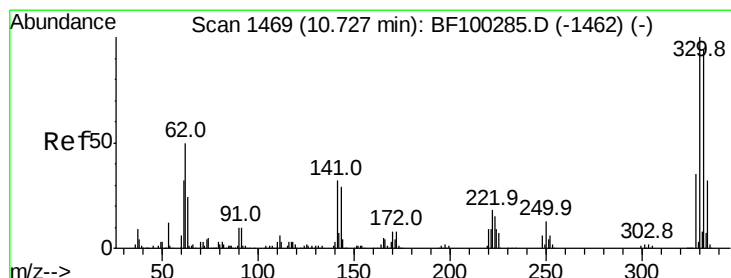
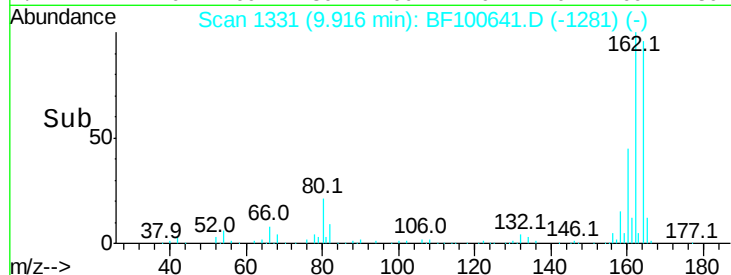
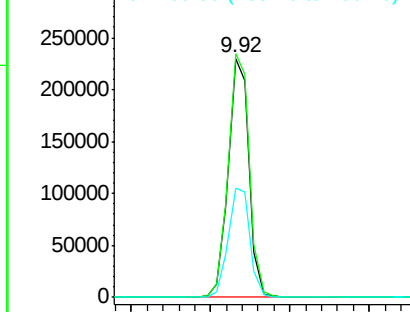
Tot Ion:	164	Resp:	207634
Ion Ratio	Lower	Upper	
164	100		
162	102.0	86.1	129.1
160	45.8	38.3	57.5

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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: 73.969 ng

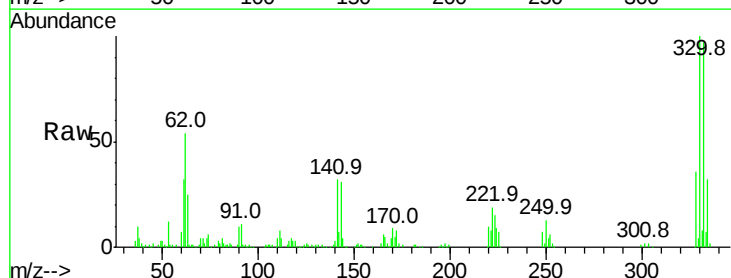
RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

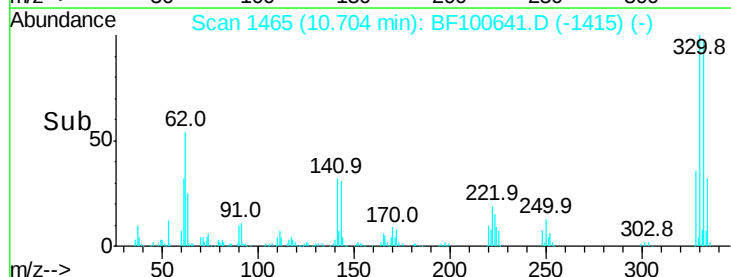
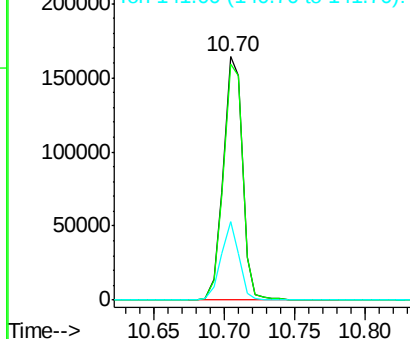
Lab File: BF100641.D

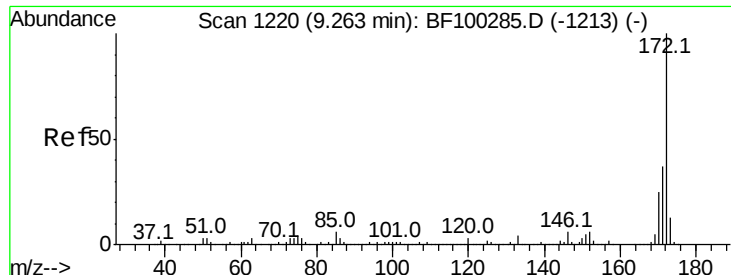
Acq: 16 Nov 2017 20:02

Tgt Ion:	330	Resp:	156504
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.0	115.6
141	29.9	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





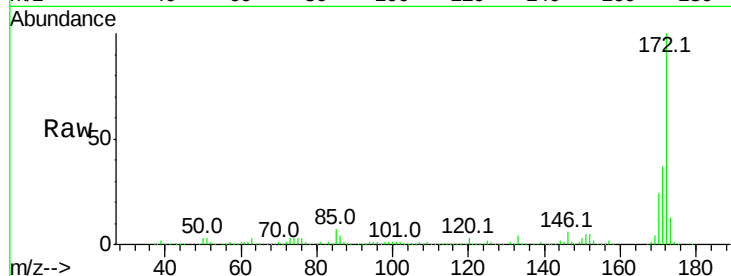
#44
2-Fluorobiphenyl
Concen: 70.403 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100641.D
Acq: 16 Nov 2017 20:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

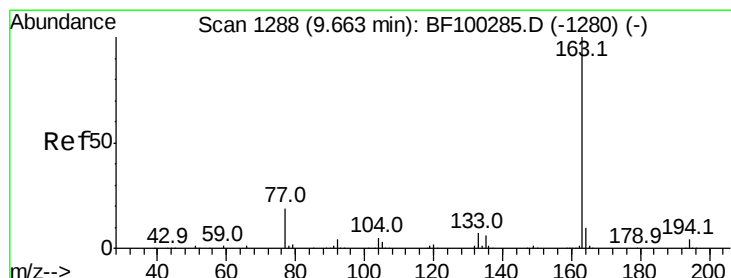
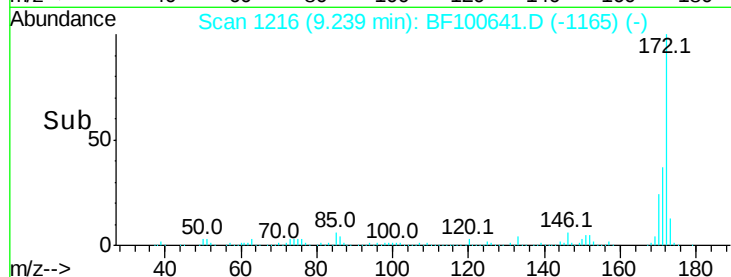
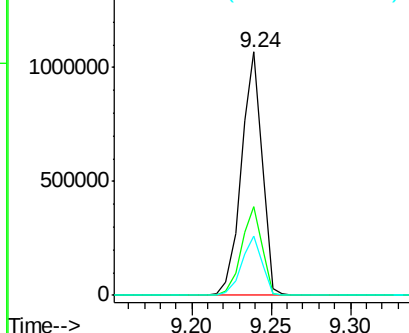
Tot Ion	Ratio	Resp	Lower	Upper
172	100	959999		
171	36.5		29.7	44.5
170	24.1		19.6	29.4

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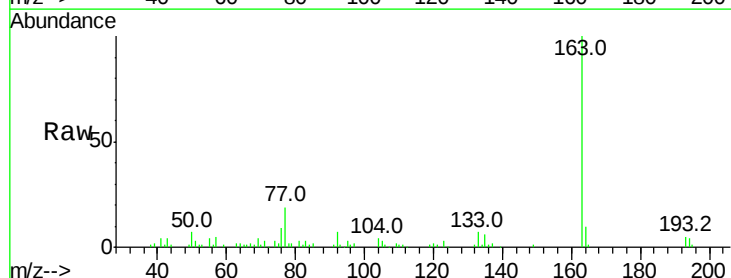


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

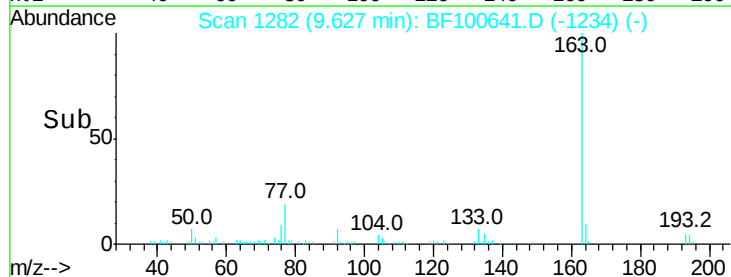
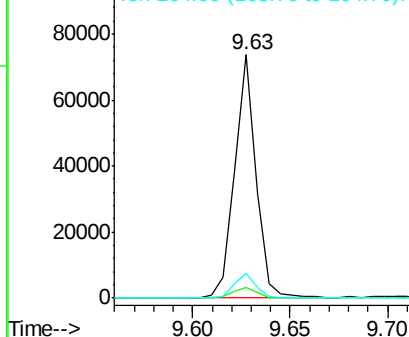


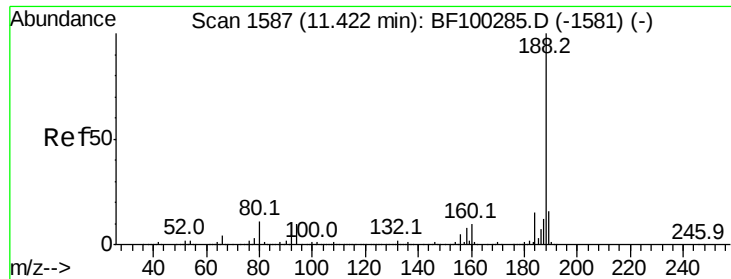
#49
Dimethylphthalate
Concen: 3.533 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100641.D
Acq: 16 Nov 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	56006		
194	4.3		2.7	4.1#
164	10.1		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





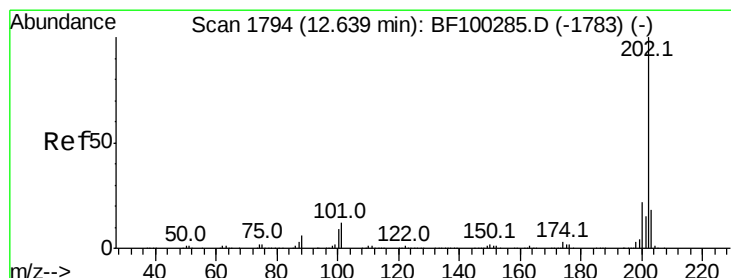
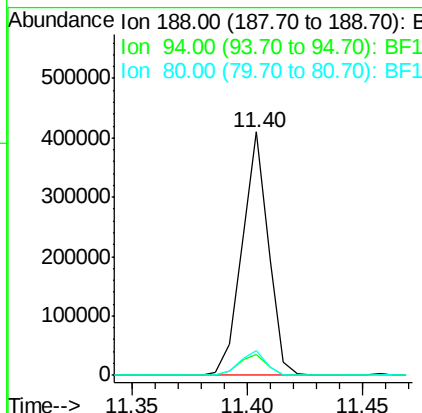
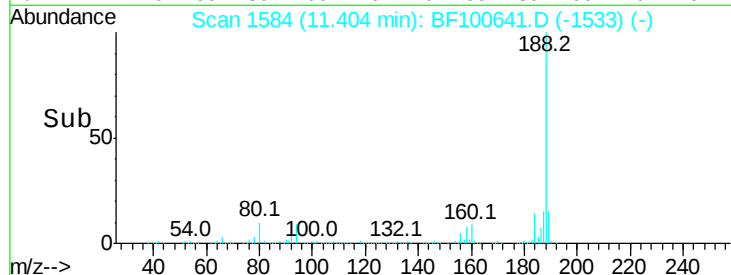
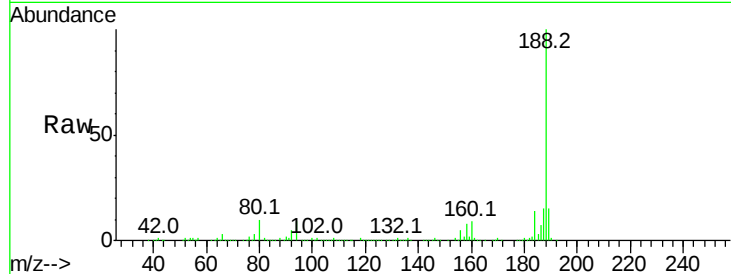
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100641.D
Acq: 16 Nov 2017 20:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	8.5	12.7
80	9.9	9.2	13.8

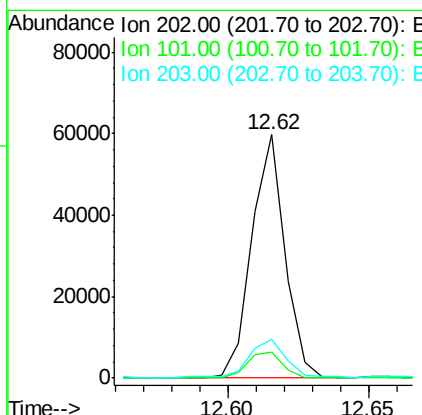
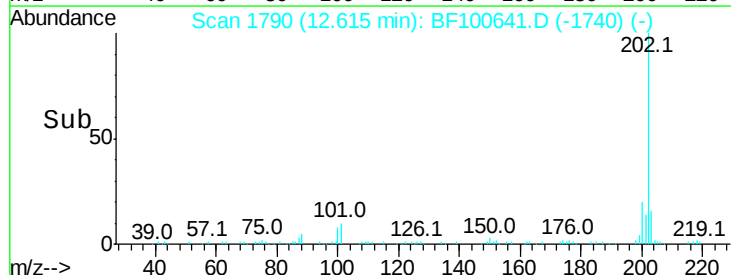
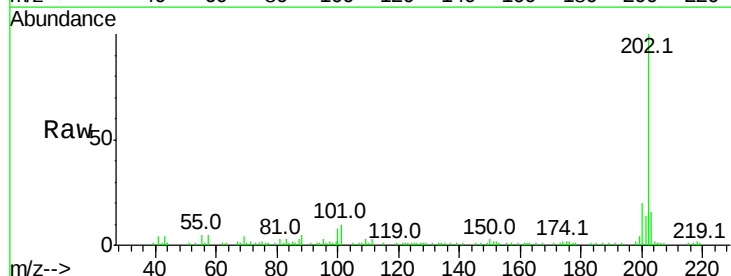
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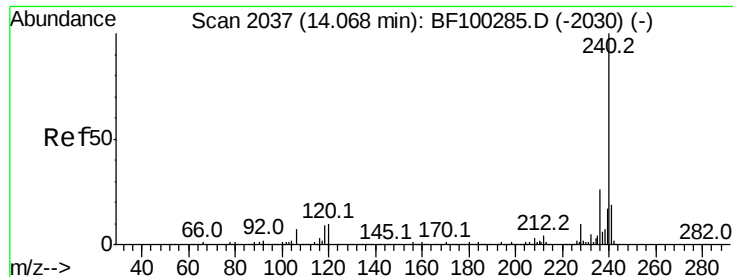
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#74
Fluoranthene
Concen: 2.680 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF100641.D
Acq: 16 Nov 2017 20:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	0.0	34.1
203	15.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100641.D

Acq: 16 Nov 2017 20:02

Instrument :

BNA_F

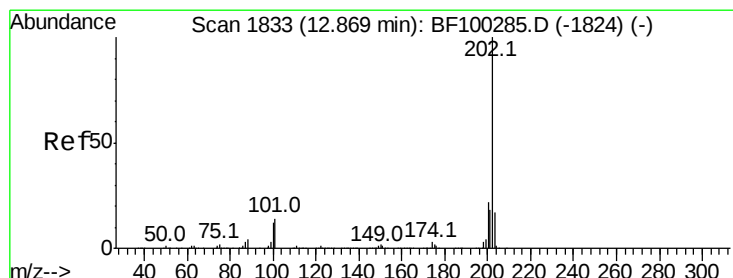
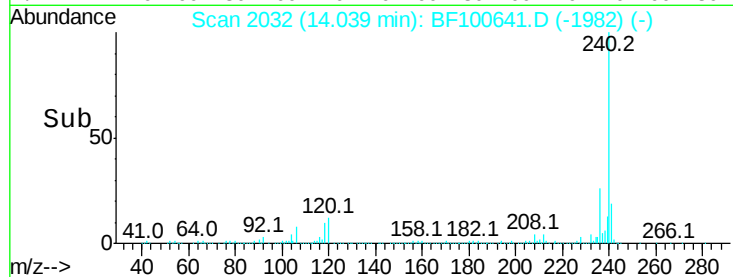
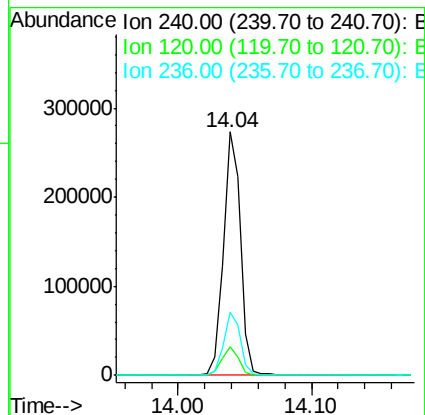
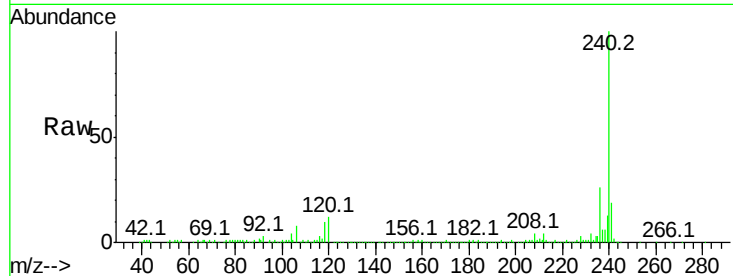
ClientSampleId :

FK-EF-01-004-ABCD

Tot Ion:	240	Resp:	246814
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	26.1	20.7	31.1

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#77

Pyrene

Concen: 2.701 ng

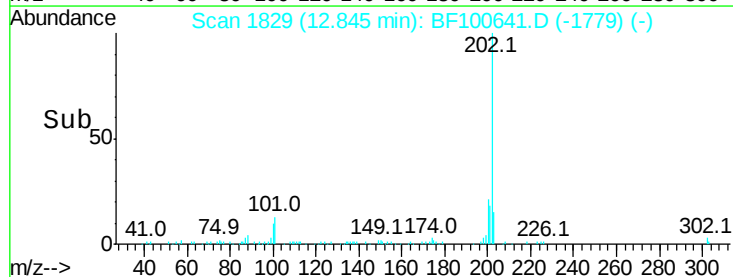
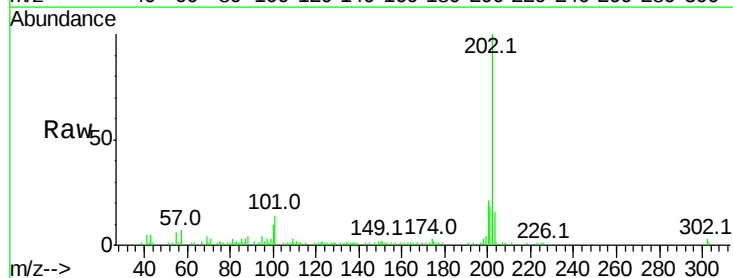
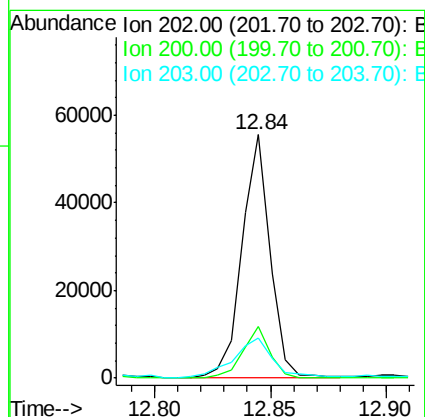
RT: 12.84 min Scan# 1829

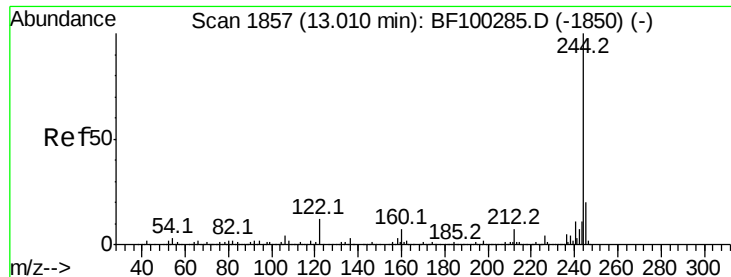
Delta R.T. -0.01 min

Lab File: BF100641.D

Acq: 16 Nov 2017 20:02

Tgt Ion:	202	Resp:	47525
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	16.4	14.3	21.5





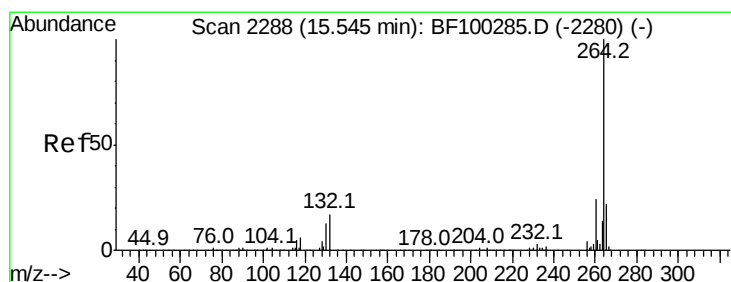
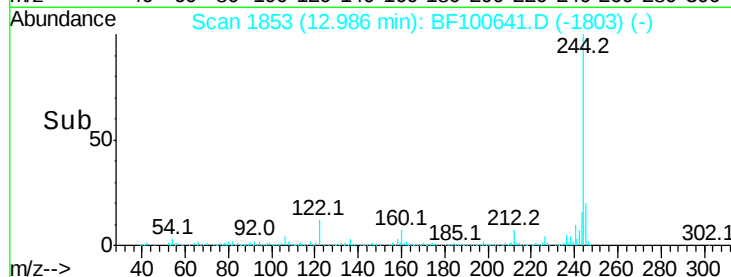
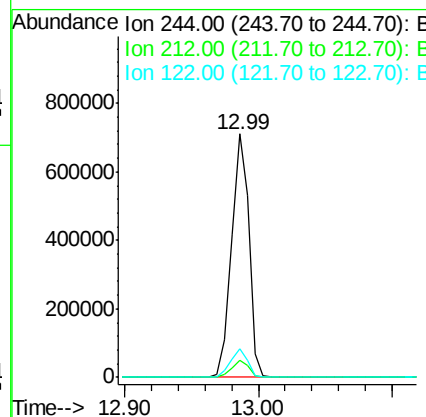
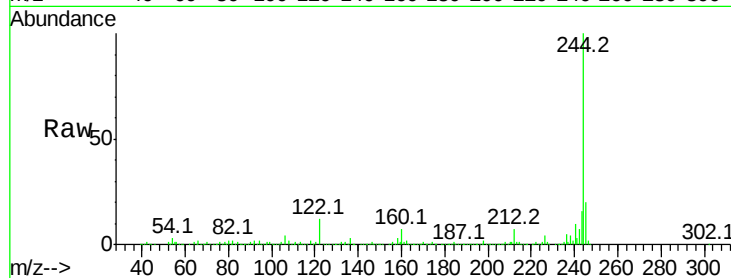
#78
 Terphenyl-d14
 Concen: 61.132 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100641.D
 Acq: 16 Nov 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-004-ABCD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.0	11.0	16.4

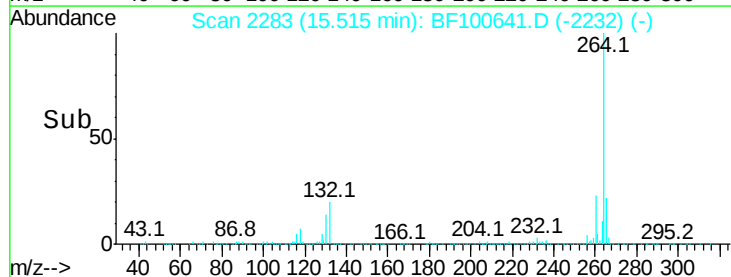
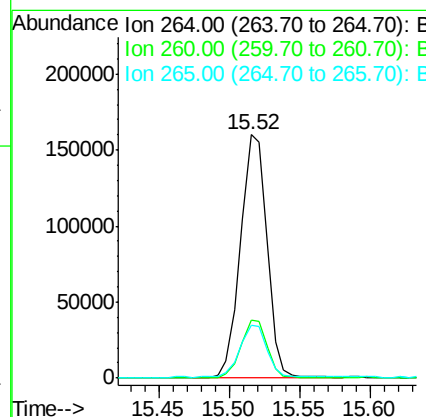
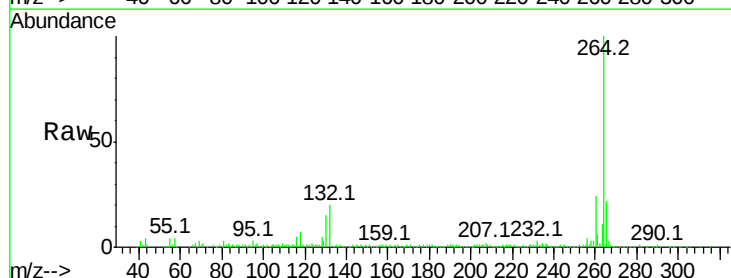
Manual Integrations
 APPROVED

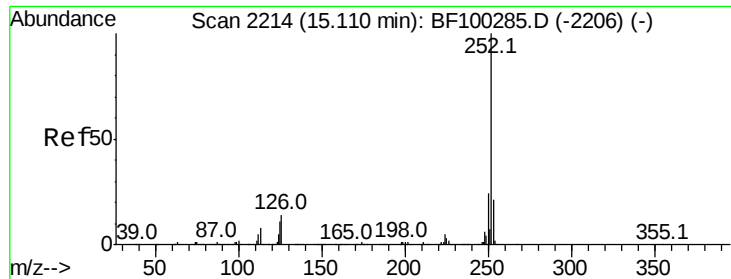
SOHIL
 11/17/2017 1:25:12 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100641.D
 Acq: 16 Nov 2017 20:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.5	26.3





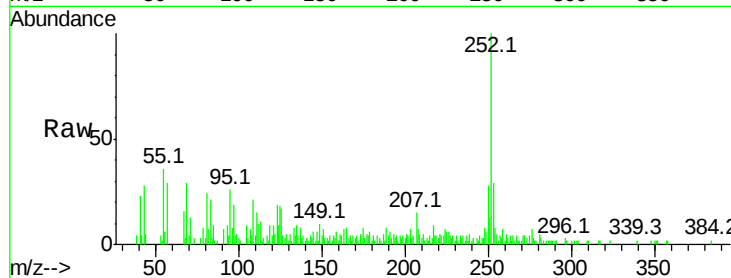
#87
 Benzo(b)fluoranthene
 Concen: 2.076 ng/ml
 RT: 15.08 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BF100641.D
 Acq: 16 Nov 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-004-ABCD

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.0	25.6#
125	17.9	9.0	13.6#

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 1:25:12 PM



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

