

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085007.D
 Acq On : 10 Feb 2016 21:51
 Operator : SJ/IZ
 Sample : H1396-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(5-7)

Manual Integrations
 APPROVED

UMANGI
 2/11/2016 10:47:00 AM

Quant Time: Feb 11 01:00:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	153304	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	603753	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	264541	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	448788	20.00	ng	0.00
75) Chrysene-d12	13.77	240	308438	20.00	ng	0.00
86) Perylene-d12	15.13	264	269634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1204511	122.38	ng	0.02
7) Phenol-d6	6.28	99	1772407	145.26	ng	0.00
23) Nitrobenzene-d5	7.20	82	1086094	101.34	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	282040	102.21	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1521084	105.19	ng	0.00
78) Terphenyl-d14	12.73	244	1162218	85.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	300183	14.90	ng	Qvalue # 91
70) Phenanthrene	11.16	178	105440	4.24	ng	98
74) Fluoranthene	12.34	202	100306	3.98	ng	96
77) Pyrene	12.57	202	90475	3.83	ng	98

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

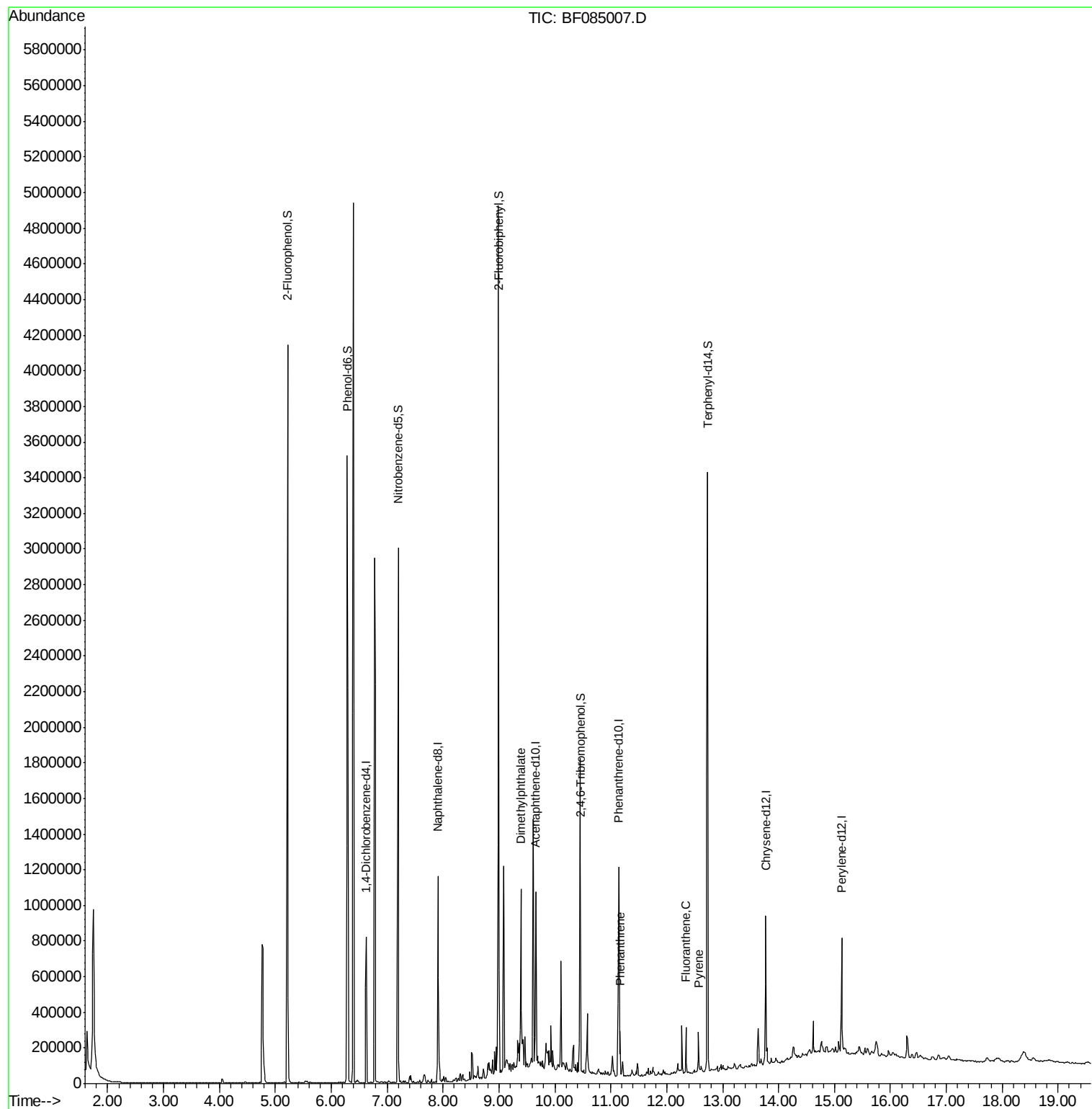
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085007.D
Acq On : 10 Feb 2016 21:51
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Sample : H1396-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

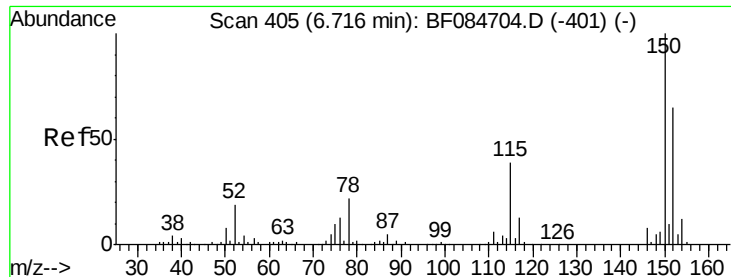
Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

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Quant Time: Feb 11 01:00:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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#1

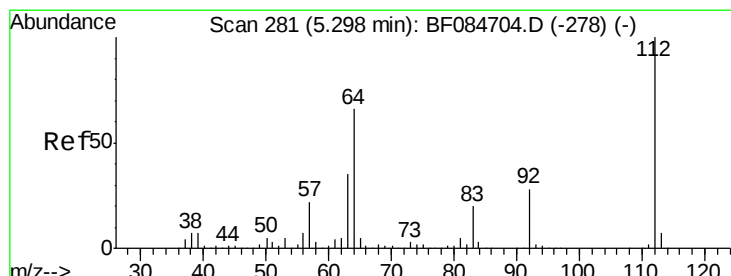
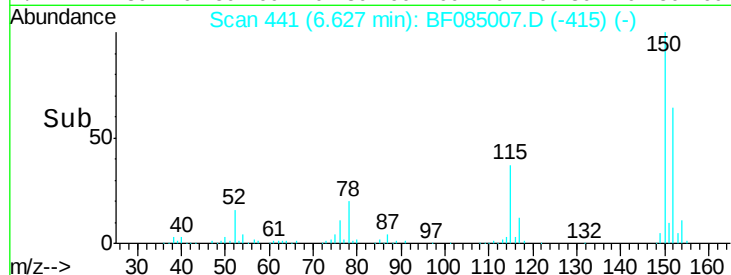
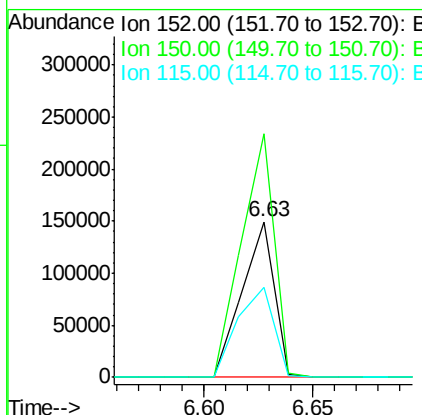
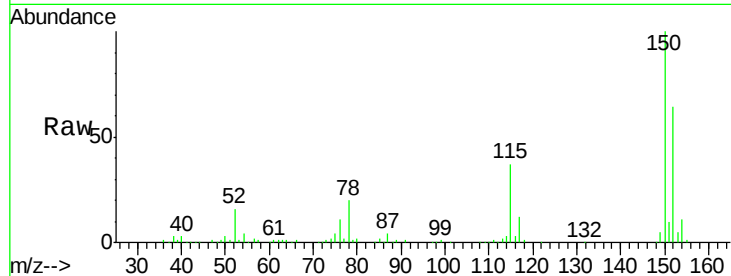
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	153304		
150	156.8	123.0	184.4	
115	57.9	51.4	77.2	

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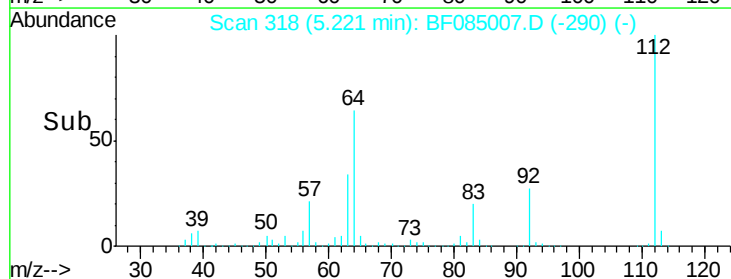
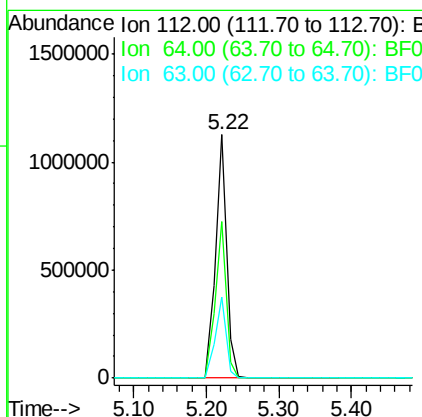
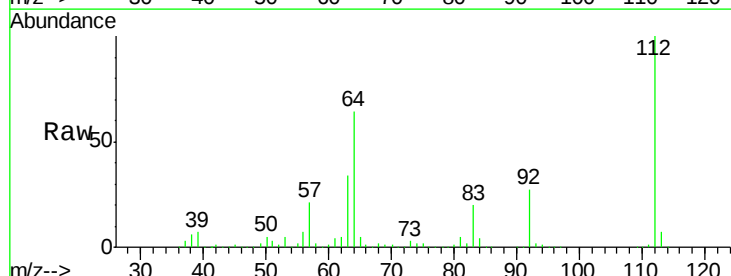
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#5

2-Fluorophenol
Concen: 122.38 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.02 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1204511		
64	64.3	36.6	55.0#	
63	33.5	19.4	29.0#	





#7

Phenol-d6

Concen: 145.26 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF085007.D

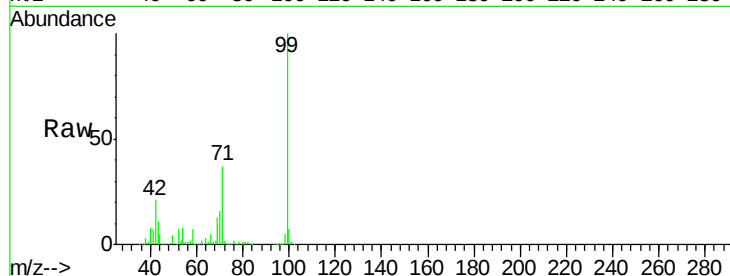
Acq: 10 Feb 2016 21:51

Instrument :

BNA_F

ClientSampleId :

S4-B003(5-7)



Tgt Ion: 99 Resp: 1772407

Ion Ratio Lower Upper

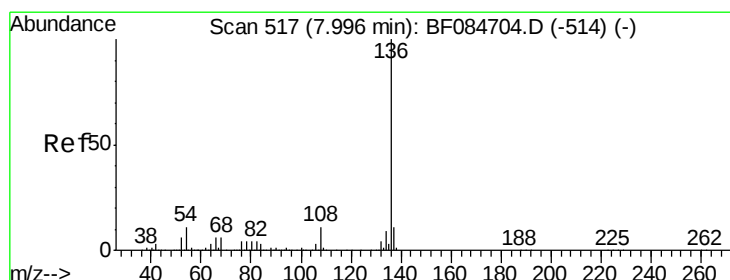
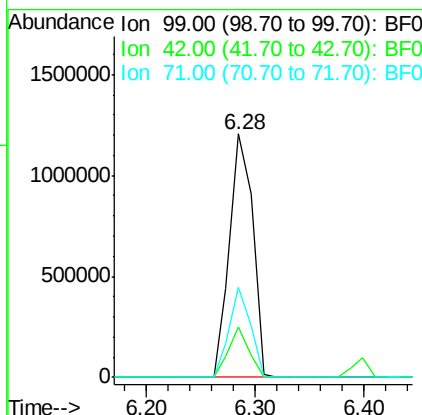
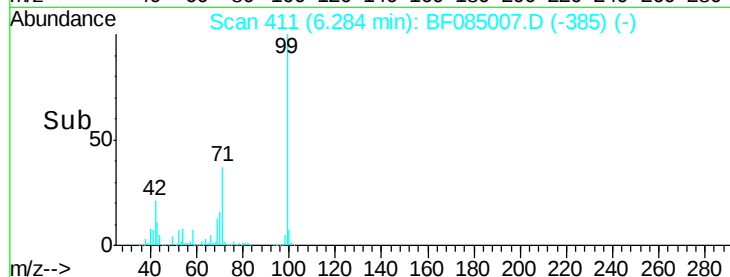
99 100

42 20.6 12.8 19.2#

71 37.1 30.9 46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF085007.D

Acq: 10 Feb 2016 21:51

Tgt Ion: 136 Resp: 603753

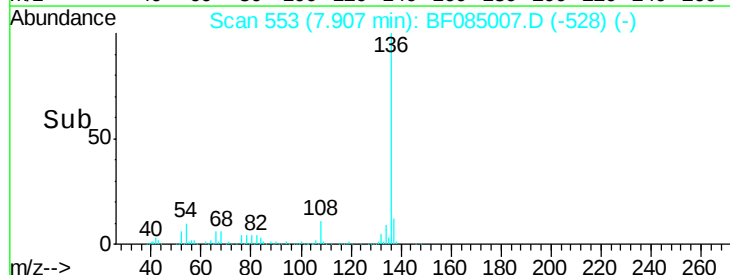
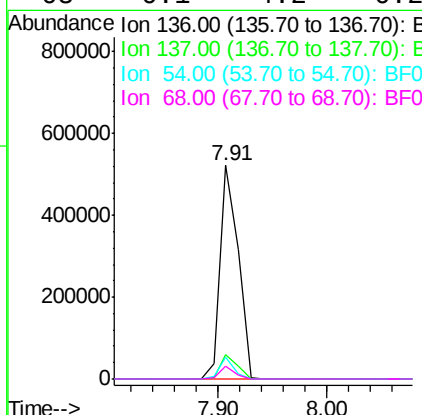
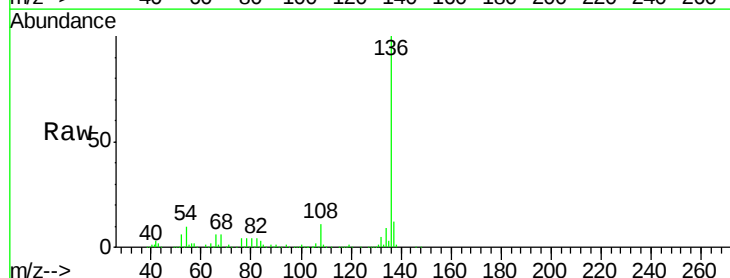
Ion Ratio Lower Upper

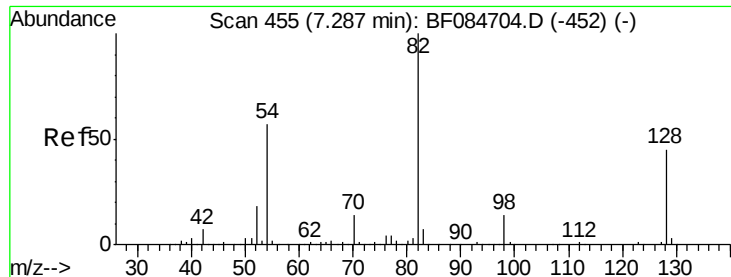
136 100

137 11.5 8.7 13.1

54 10.4 5.8 8.8#

68 6.1 4.2 6.2





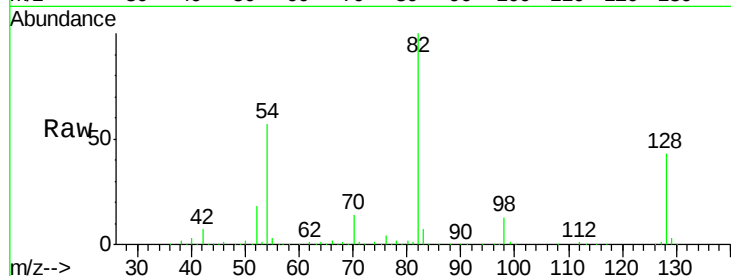
#23
 Nitrobenzene-d5
 Concen: 101.34 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF085007.D
 Acq: 10 Feb 2016 21:51

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(5-7)

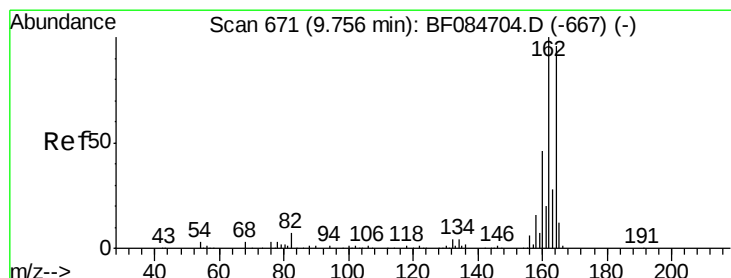
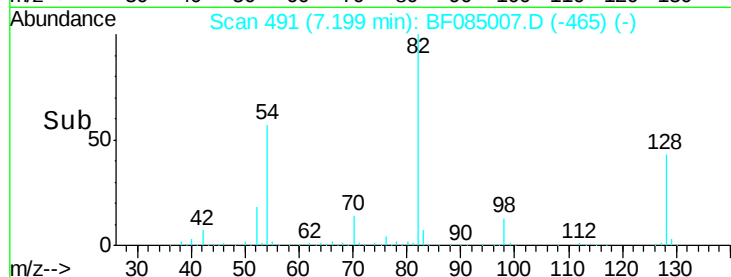
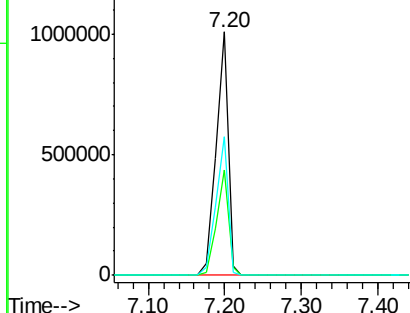
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	56.9	38.4	57.6

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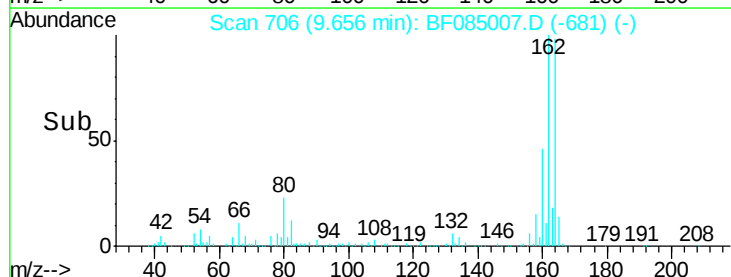
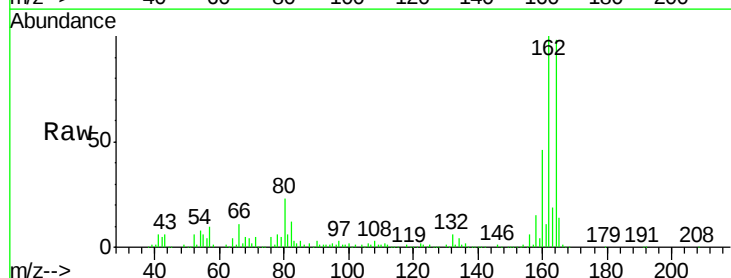
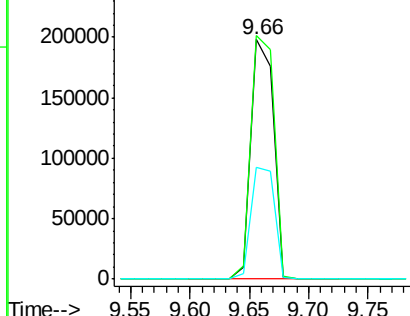
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

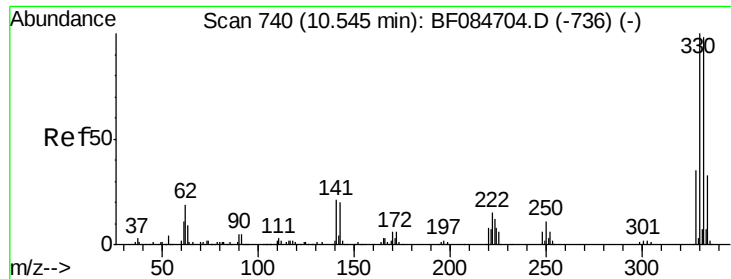


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF085007.D
 Acq: 10 Feb 2016 21:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	85.1	127.7
160	46.5	37.5	56.3

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





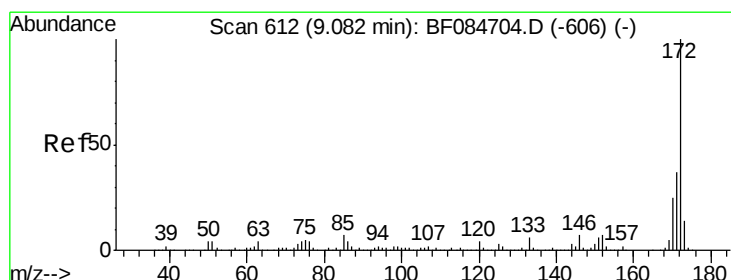
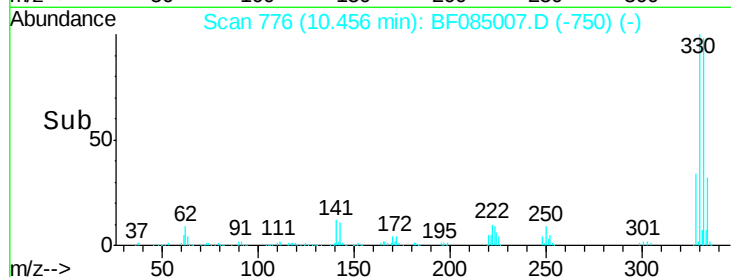
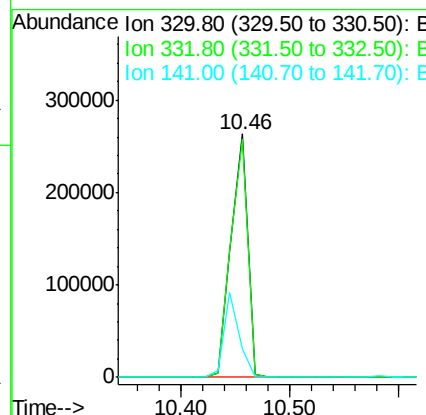
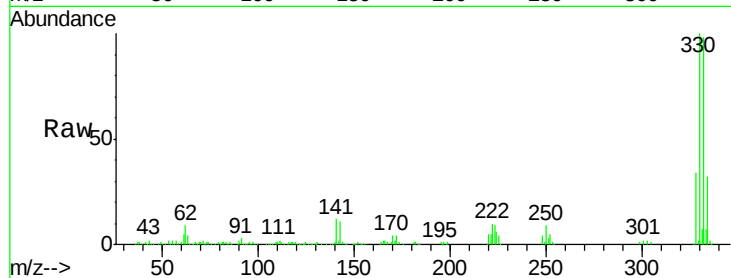
#41
 2,4,6-Tribromophenol
 Concen: 102.21 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085007.D
 Acq: 10 Feb 2016 21:51

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(5-7)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	282040		
332	98.6	76.6	114.8	
141	33.1	27.8	41.6	

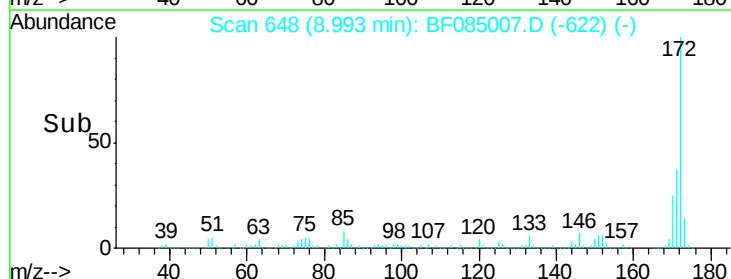
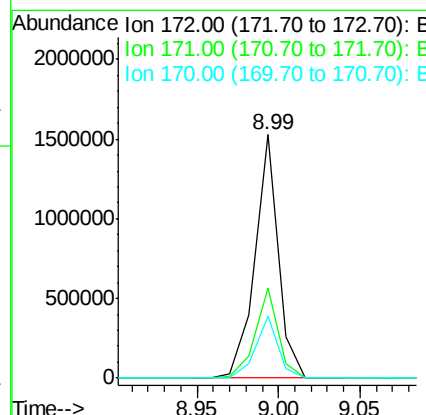
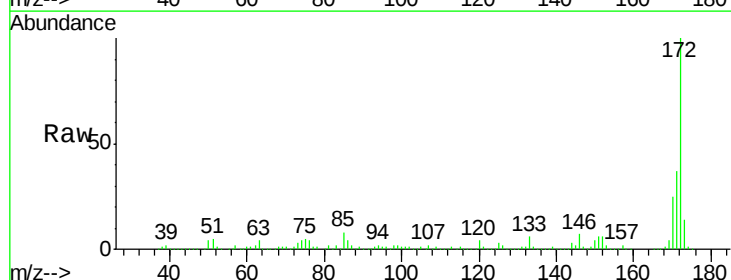
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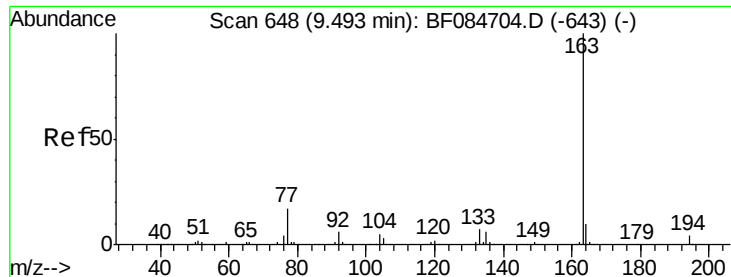
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#44
 2-Fluorobiphenyl
 Concen: 105.19 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF085007.D
 Acq: 10 Feb 2016 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1521084		
171	37.0	28.9	43.3	
170	25.3	18.6	27.8	





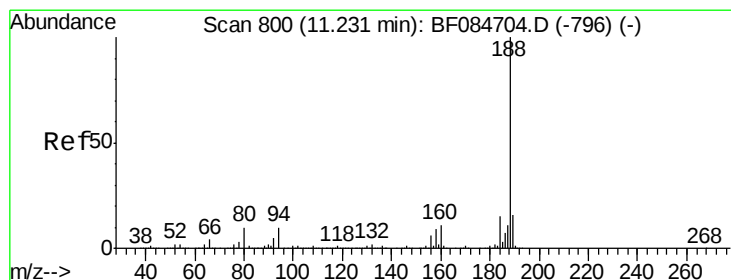
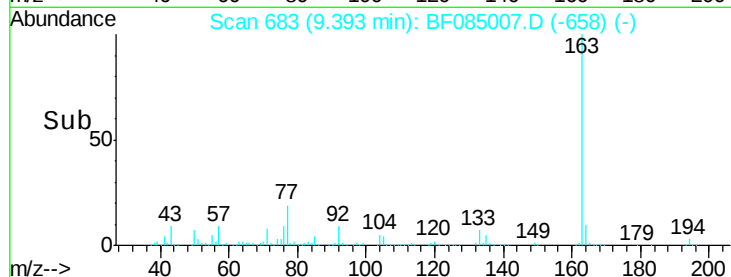
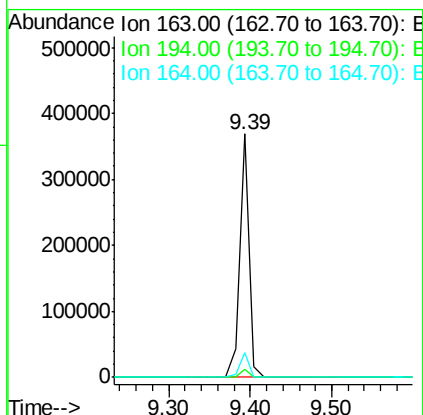
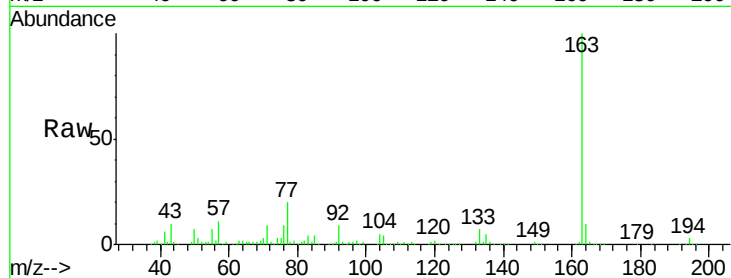
#49
Dimethylphthalate
Concen: 14.90 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	8.0	12.0#
164	10.0	8.0	12.0

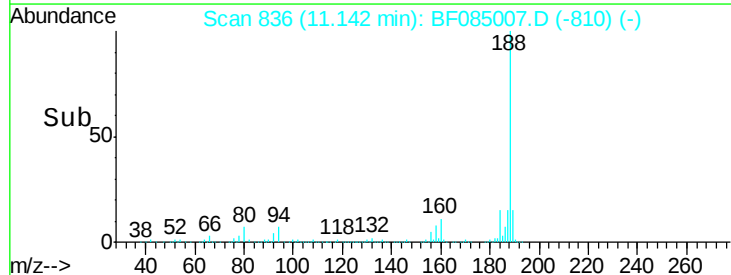
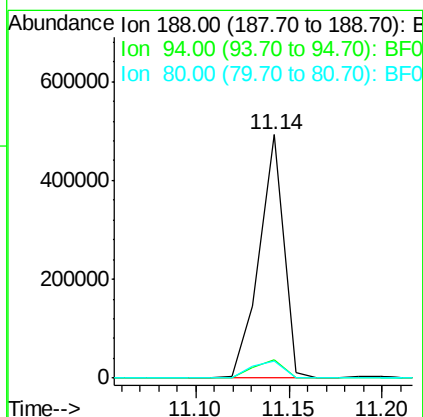
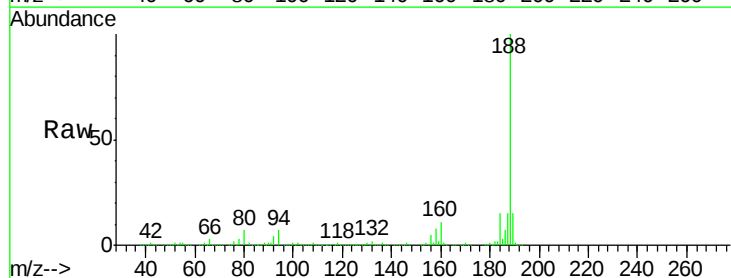
Manual Integrations
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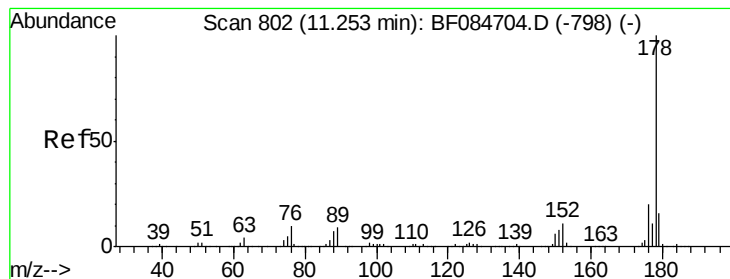
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.5	9.0	13.4#
80	6.9	9.6	14.4#





#70

Phenanthrene

Concen: 4.24 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF085007.D

Acq: 10 Feb 2016 21:51

Instrument :

BNA_F

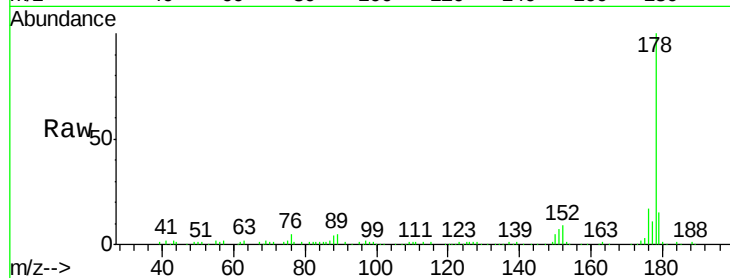
ClientSampleId :

S4-B003(5-7)

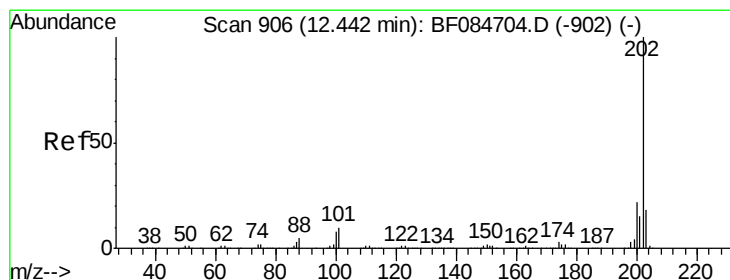
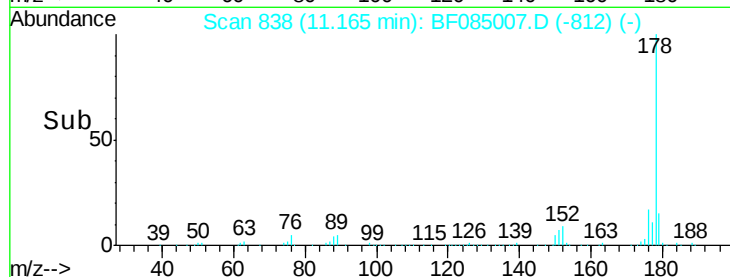
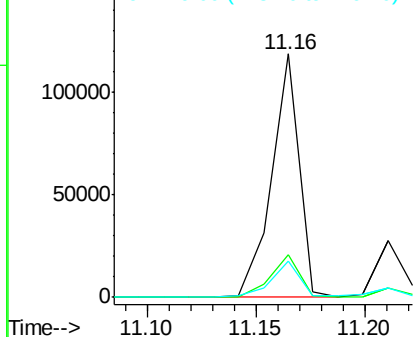
Tgt Ion:	178	Resp:	105440
Ion Ratio	Lower	Upper	
178	100		
176	17.5	15.3	22.9
179	14.9	12.0	18.0

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.98 ng

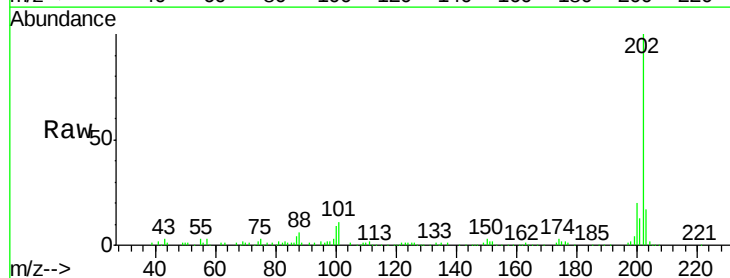
RT: 12.34 min Scan# 941

Delta R.T. -0.00 min

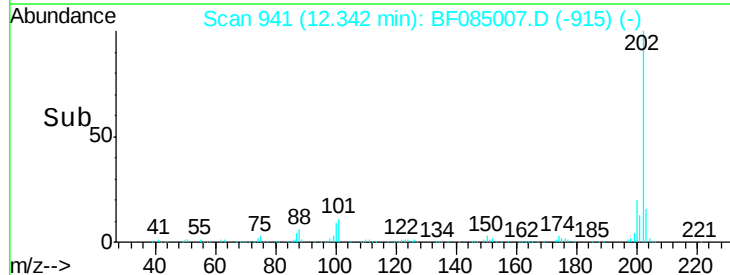
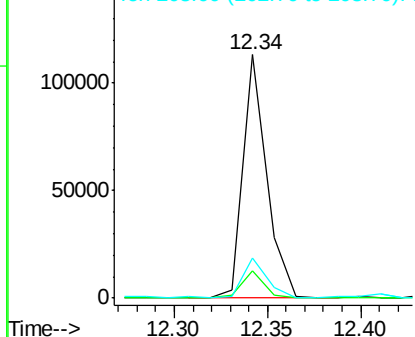
Lab File: BF085007.D

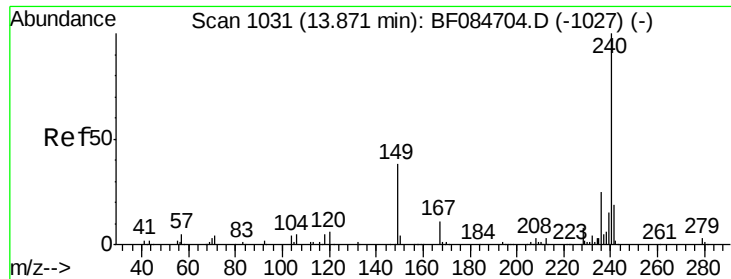
Acq: 10 Feb 2016 21:51

Tgt Ion:	202	Resp:	100306
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	32.8
203	16.5	0.0	37.9



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: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF085007.D

Acq: 10 Feb 2016 21:51

Instrument :

BNA_F

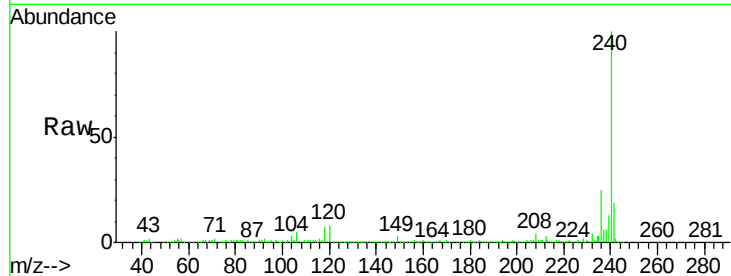
ClientSampleId :

S4-B003(5-7)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	308438		
120	7.7	9.5	14.3#	
236	25.5	20.6	31.0	

Manual Integrations
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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

13.77

400000

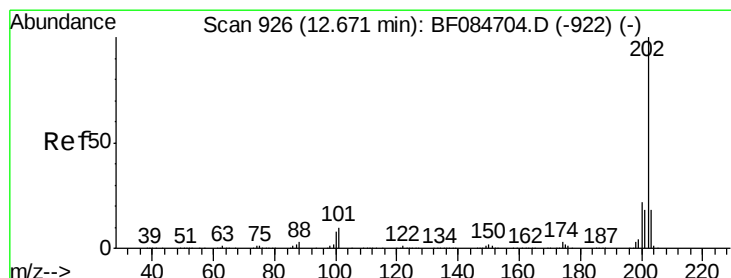
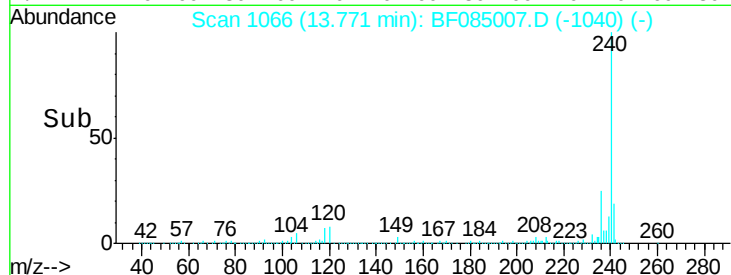
300000

200000

100000

0

Time-->



#77

Pyrene

Concen: 3.83 ng

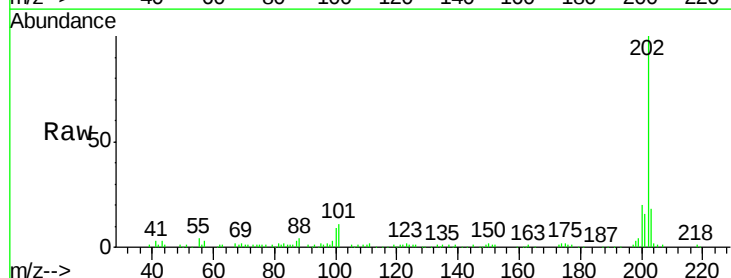
RT: 12.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF085007.D

Acq: 10 Feb 2016 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	90475		
200	19.5	17.2	25.8	
203	18.1	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

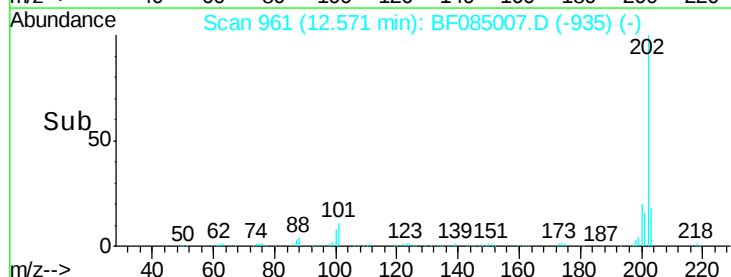
12.57

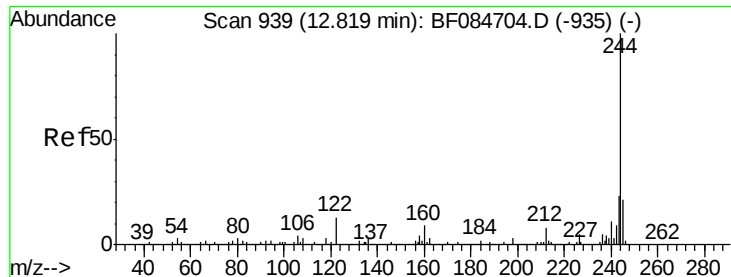
100000

50000

0

Time-->





#78

Terphenyl-d14

Concen: 85.39 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF085007.D

Acq: 10 Feb 2016 21:51

Instrument :

BNA_F

ClientSampleId :

S4-B003(5-7)

Tgt Ion:244 Resp: 1162218

Ion Ratio Lower Upper

244 100

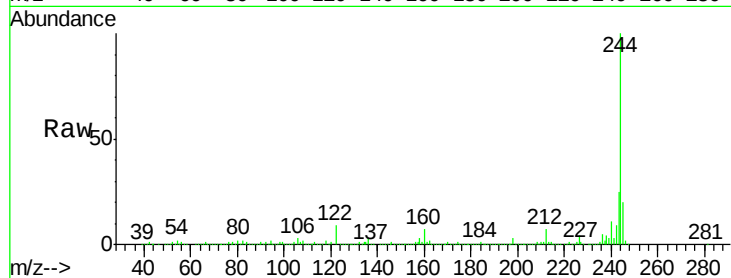
212 7.1 5.7 8.5

122 9.1 7.4 11.0

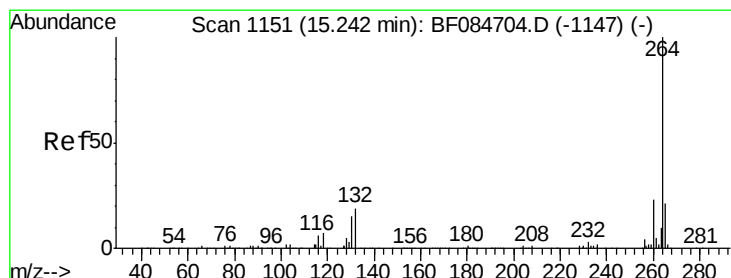
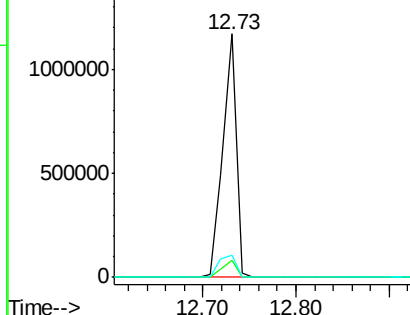
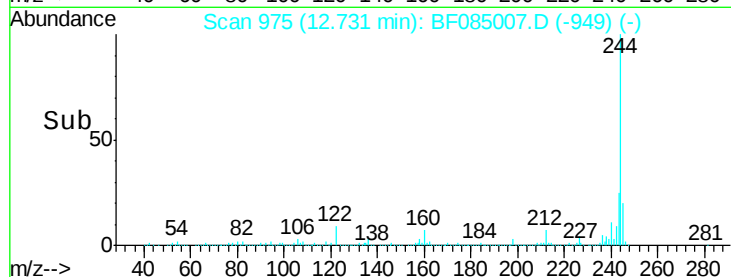
Manual Integrations
APPROVED

UMANGI

2/11/2016 10:47:00 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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF085007.D

Acq: 10 Feb 2016 21:51

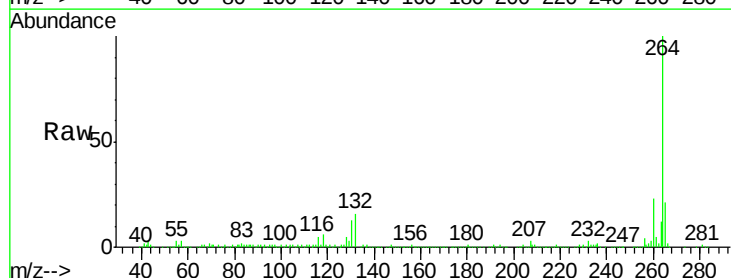
Tgt Ion:264 Resp: 269634

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 21.2 17.8 26.6



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

