

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078971.D
 Acq On : 6 May 2015 20:22
 Operator : TP/IZ
 Sample : G2035-14 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SS

Manual Integrations
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Quant Time: May 07 02:20:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 00:45:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	57767	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	247520	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	117559	20.00	ng	0.01
63) Phenanthrene-d10	12.95	188	244859	20.00	ng	0.00
75) Chrysene-d12	16.26	240	272678	20.00	ng	-0.05
86) Perylene-d12	18.08	264	286104	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	39819	11.87	ng	0.01
7) Phenol-d6	6.90	99	52979	11.94	ng	0.01
23) Nitrobenzene-d5	8.03	82	30573	7.10	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	13122	10.32	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	59030	7.00	ng	0.00
78) Terphenyl-d14	14.95	244	74971m	6.58	ng	0.00
Target Compounds						
74) Fluoranthene	14.46	202	38123	2.67	ng	Qvalue 97
77) Pyrene	14.74	202	31687m	2.02	ng	

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

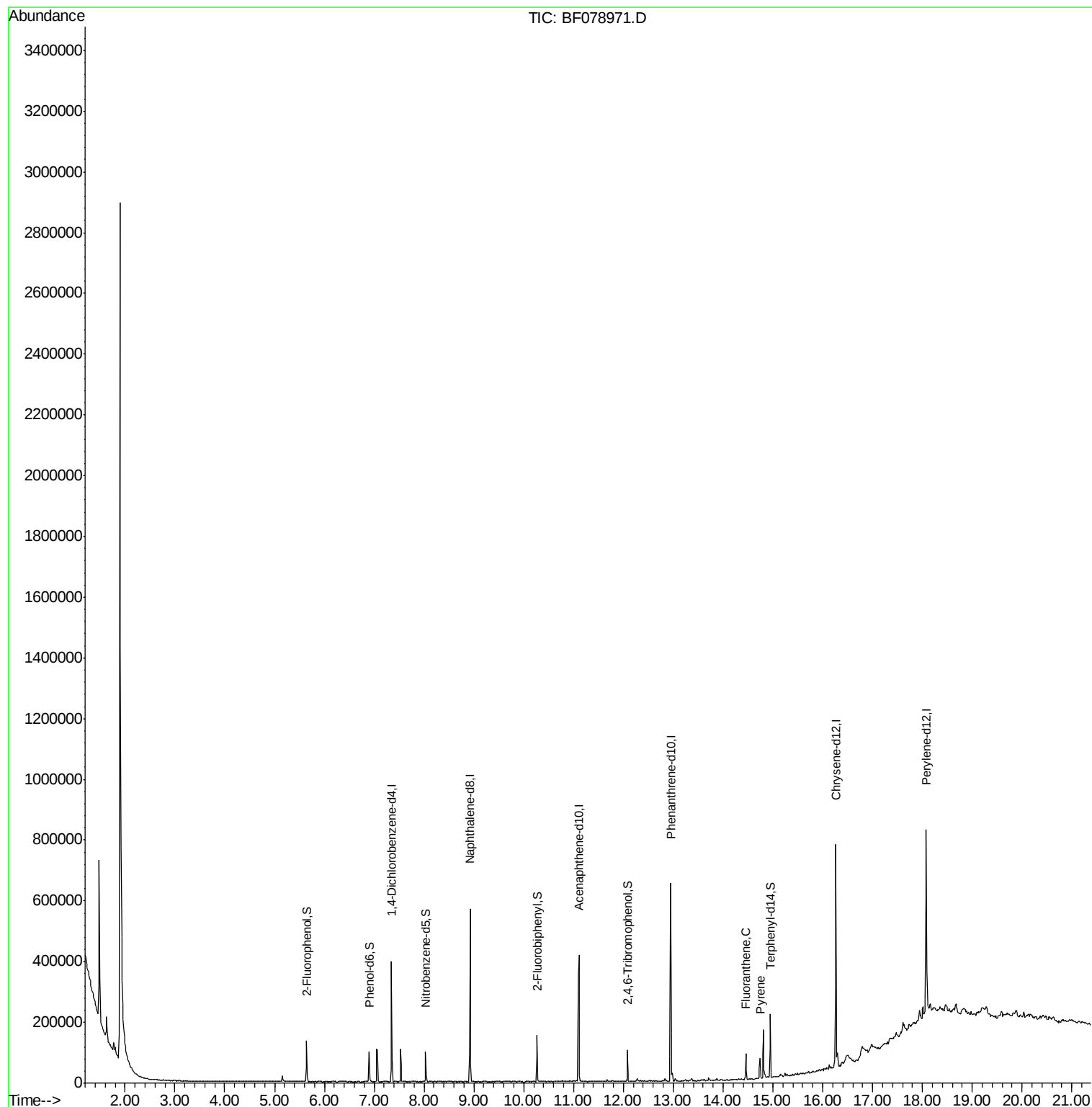
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078971.D
Acq On : 6 May 2015 20:22
Operator : TP/IZ
Sample : G2035-14 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

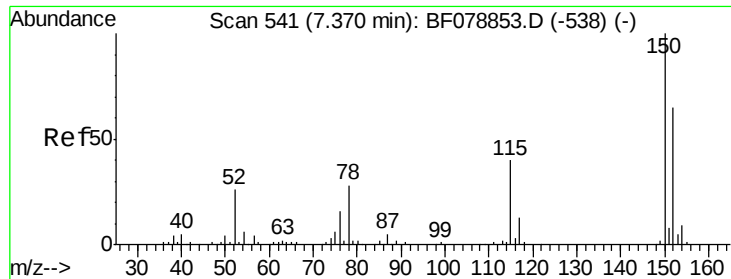
Instrument :
BNA_F
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TP-14-SS

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#1

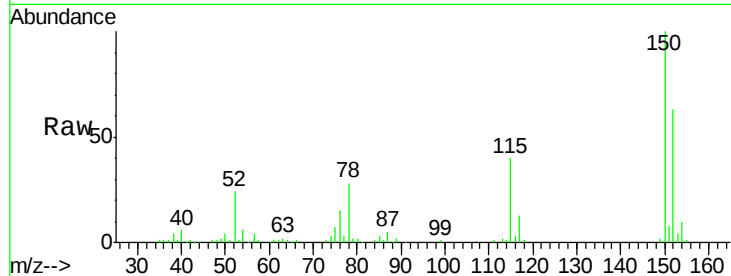
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078971.D
Acq: 6 May 2015 20:22

Instrument :
BNA_F
ClientSampleId :
TP-14-SS

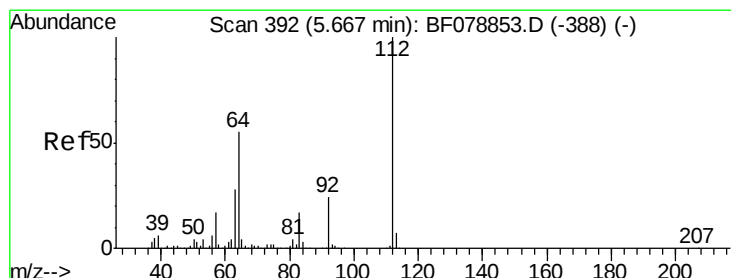
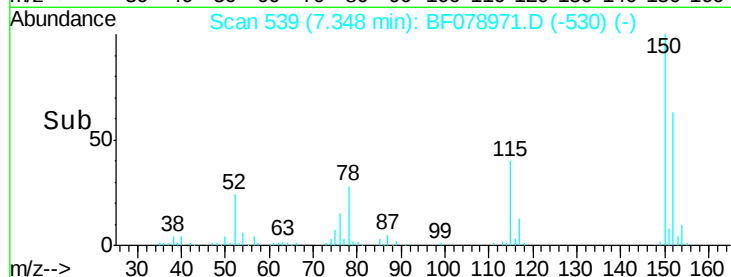
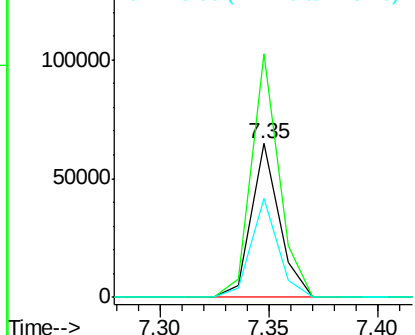
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.0	183.0
115	64.2	46.3	69.5

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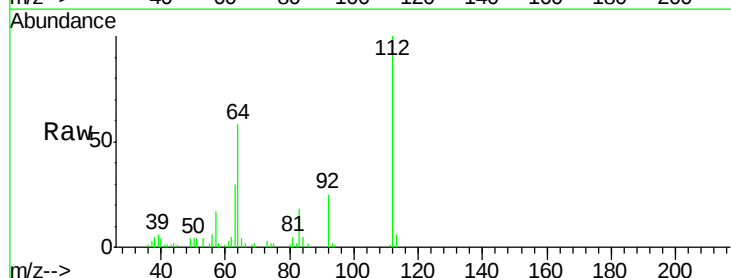
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



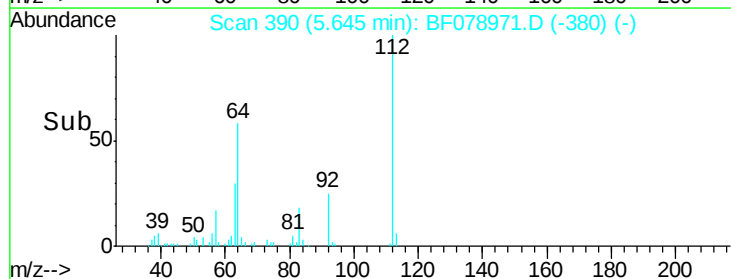
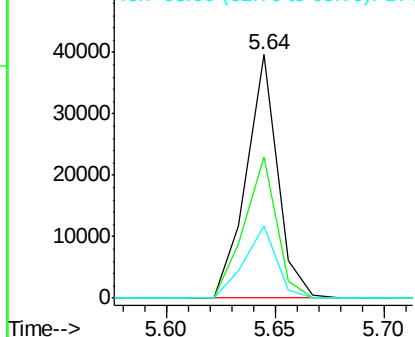
#5

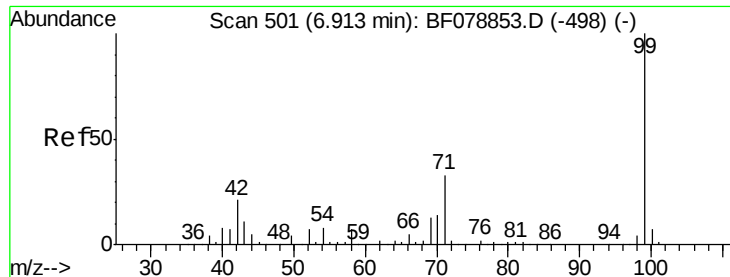
2-Fluorophenol
Concen: 11.87 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078971.D
Acq: 6 May 2015 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	53.5	80.3
63	29.8	27.5	41.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.94 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078971.D

Acq: 6 May 2015 20:22

Instrument :

BNA_F

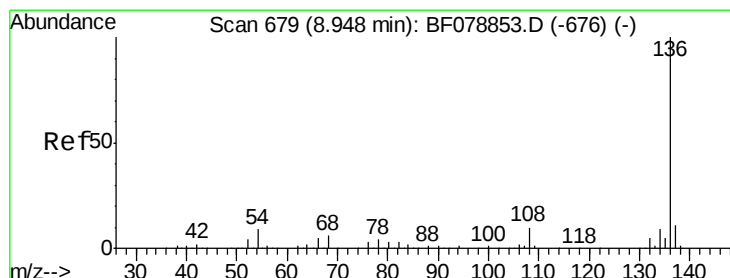
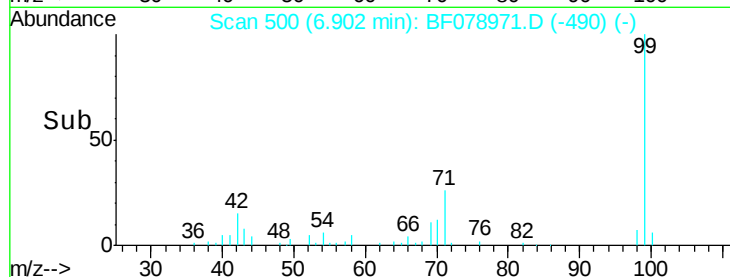
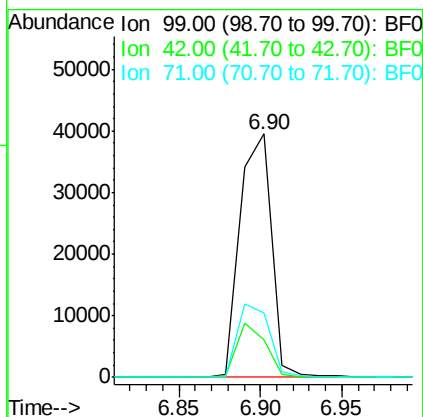
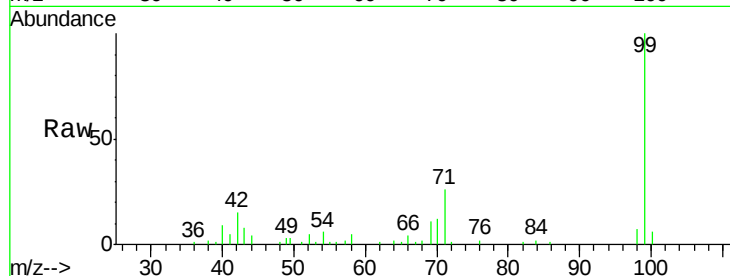
ClientSampled :

TP-14-SS

Tot Ion:	99	Resp:	52979
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.8	19.2
71	26.4	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

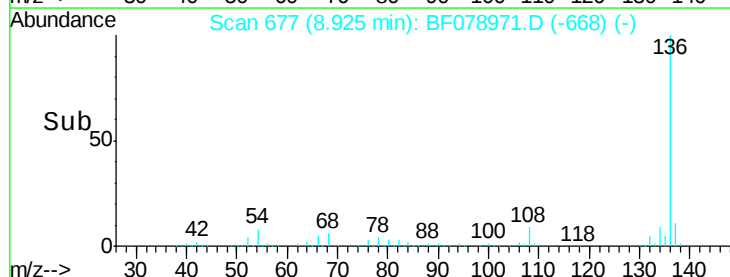
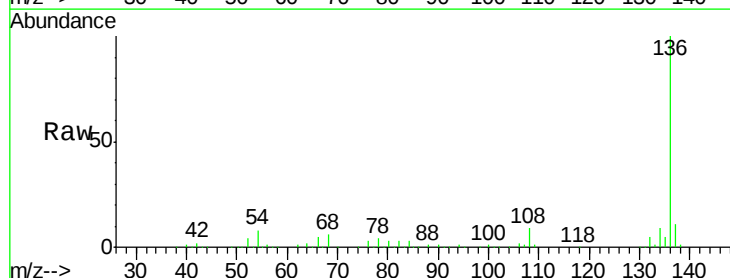
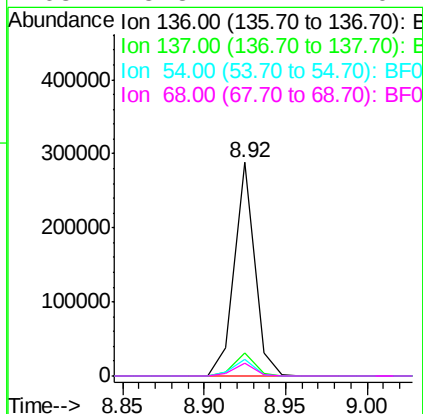
RT: 8.92 min Scan# 677

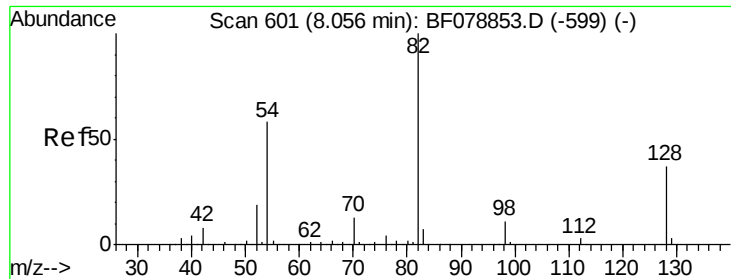
Delta R.T. 0.00 min

Lab File: BF078971.D

Acq: 6 May 2015 20:22

Tgt Ion:	136	Resp:	247520
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	7.8	5.8	8.8
68	5.8	4.2	6.4





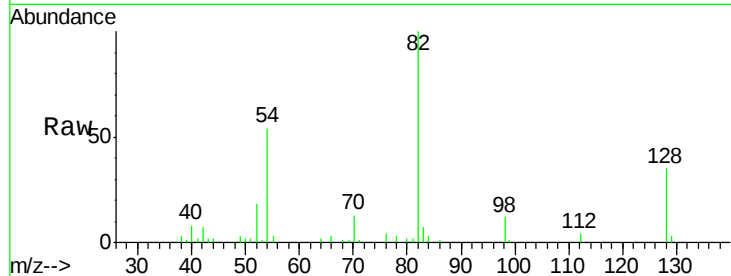
#23
Nitrobenzene-d5
Concen: 7.10 ng
RT: 8.03 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF078971.D
Acq: 6 May 2015 20:22

Instrument :
BNA_F
ClientSampleId :
TP-14-SS

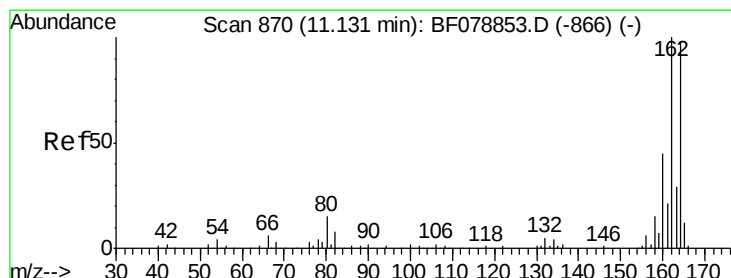
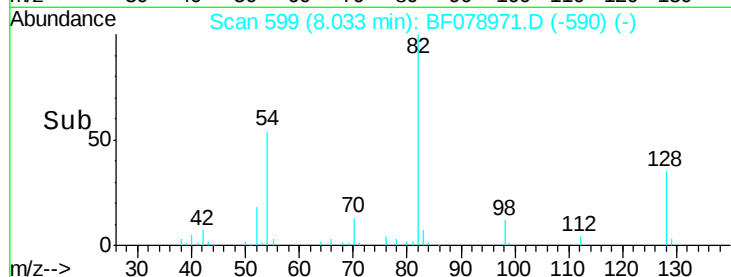
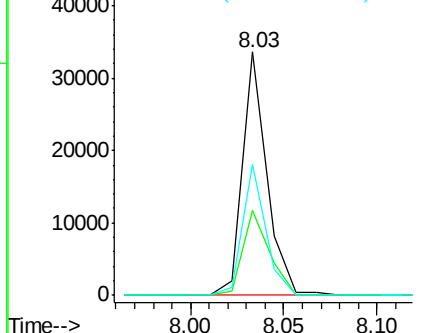
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	30.0	45.0
54	53.8	46.4	69.6

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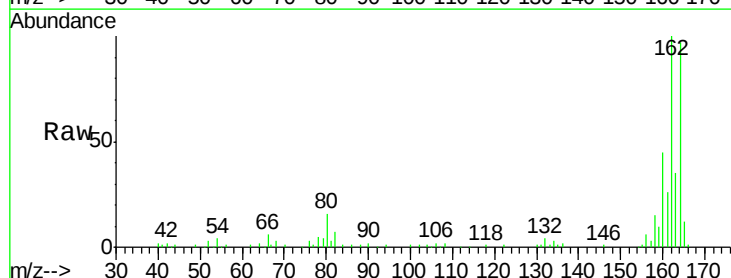


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

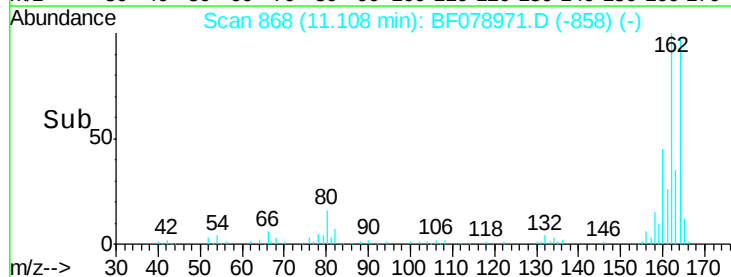
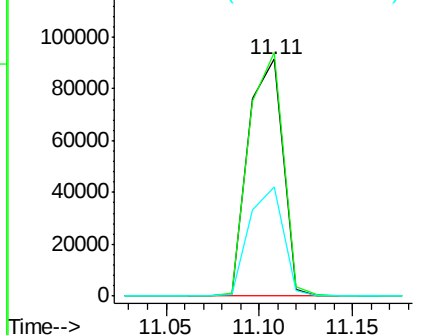


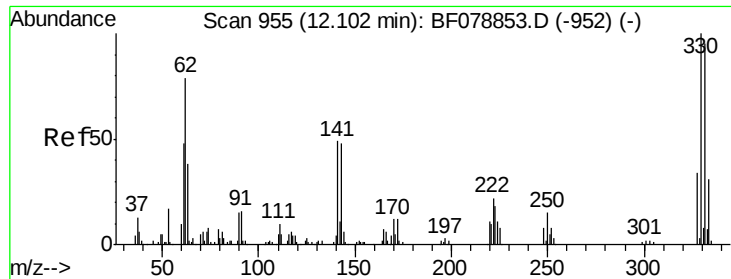
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF078971.D
Acq: 6 May 2015 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.7	124.1
160	45.9	35.8	53.8



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





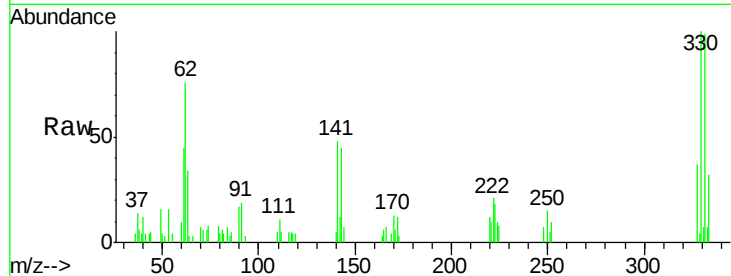
#41
 2,4,6-Tribromophenol
 Concen: 10.32 ng
 RT: 12.08 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF078971.D
 Acq: 6 May 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.9	0.0	0.0	0.0
141	36.8	0.0	0.0	0.0

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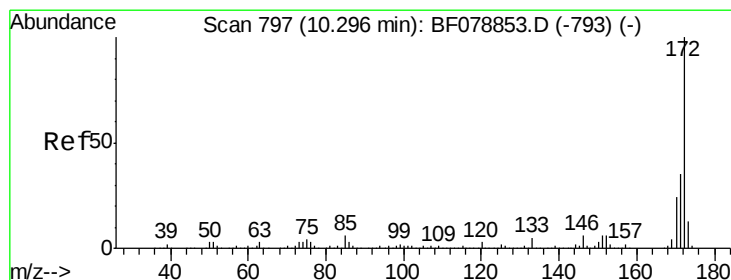
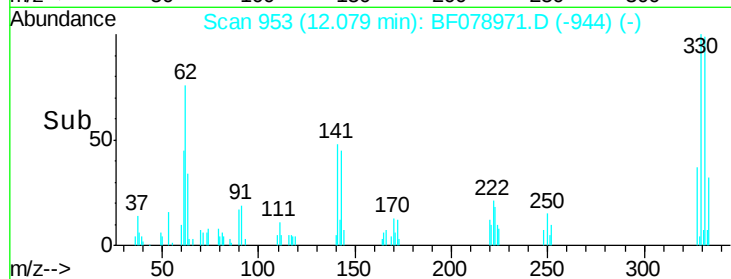
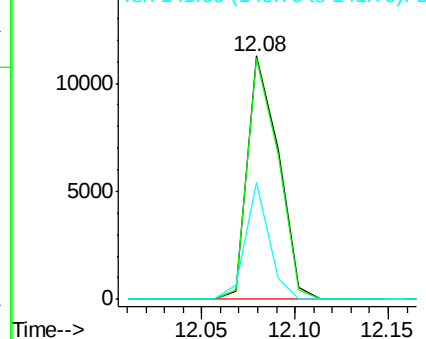


Abundance

Ion 329.80 (329.50 to 330.50): E

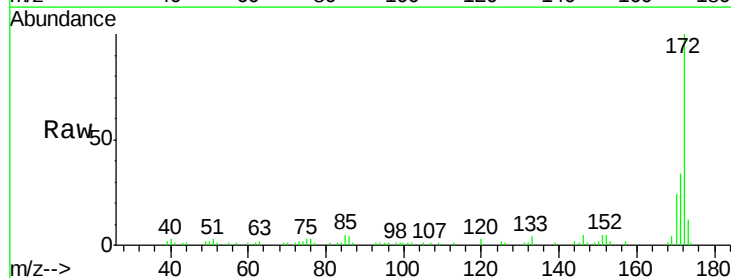
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 7.00 ng
 RT: 10.27 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078971.D
 Acq: 6 May 2015 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.1	27.9	41.9	
170	24.2	19.4	29.0	

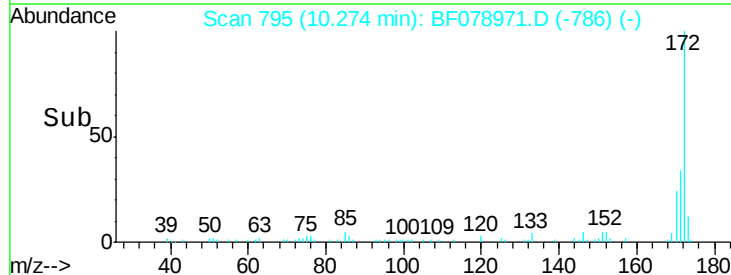
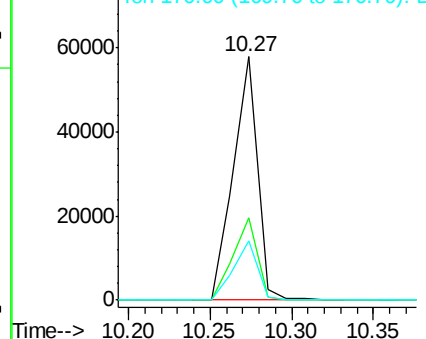


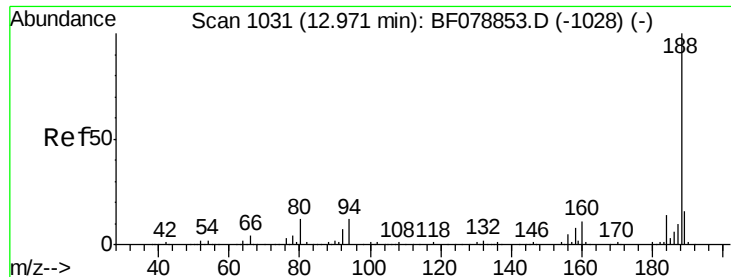
Abundance

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.95 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF078971.D

Acq: 6 May 2015 20:22

Instrument :

BNA_F

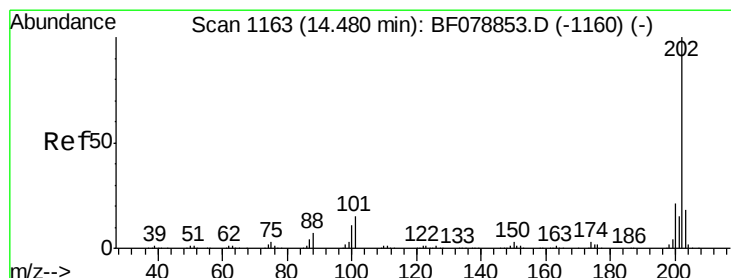
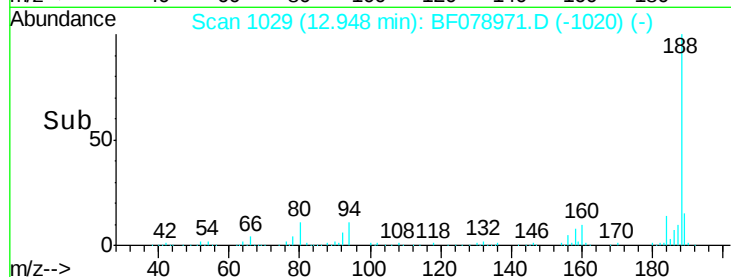
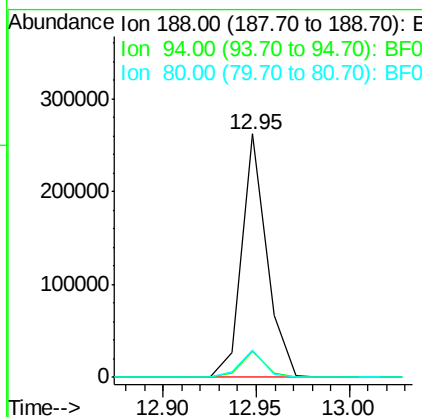
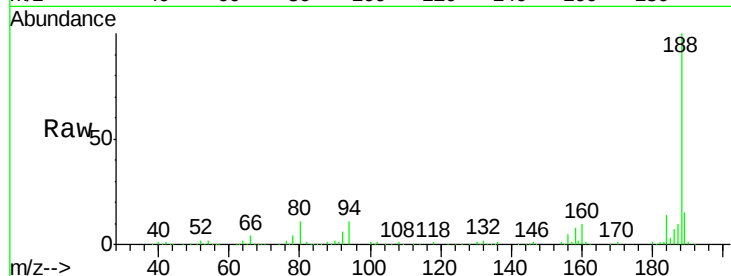
ClientSampleId :

TP-14-SS

Tot Ion:	188	Resp:	244859
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.2	12.2
80	11.2	8.9	13.3

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#74

Fluoranthene

Concen: 2.67 ng

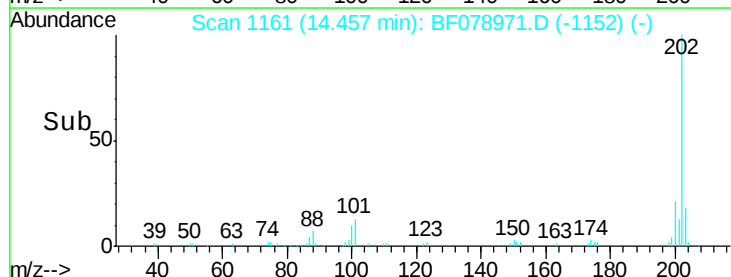
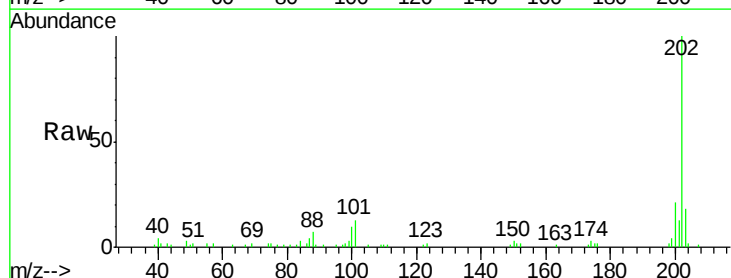
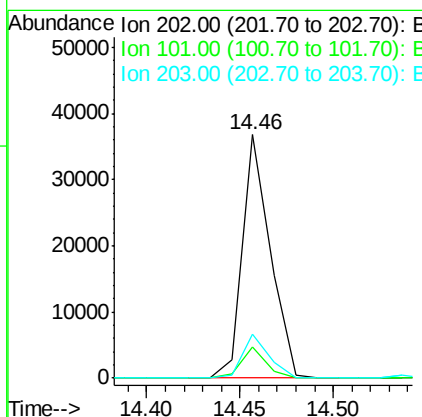
RT: 14.46 min Scan# 1161

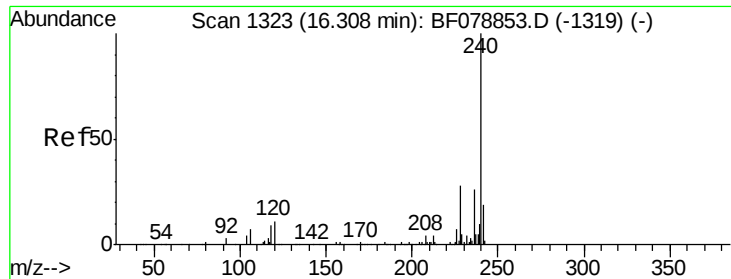
Delta R.T. 0.00 min

Lab File: BF078971.D

Acq: 6 May 2015 20:22

Tgt Ion:	202	Resp:	38123
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.6
203	17.8	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.05 min

Lab File: BF078971.D

Acq: 6 May 2015 20:22

Instrument :

BNA_F

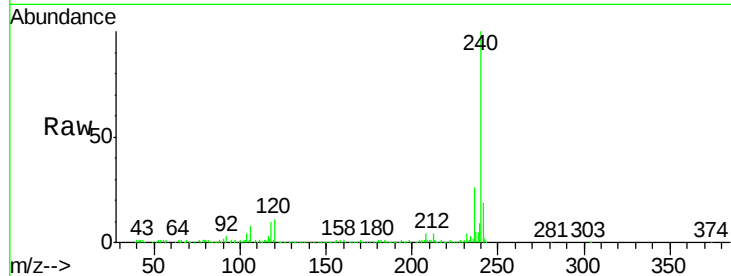
ClientSampleId :

TP-14-SS

Tot Ion:	240	Resp:	272678
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.7	14.5
236	26.5	20.2	30.4

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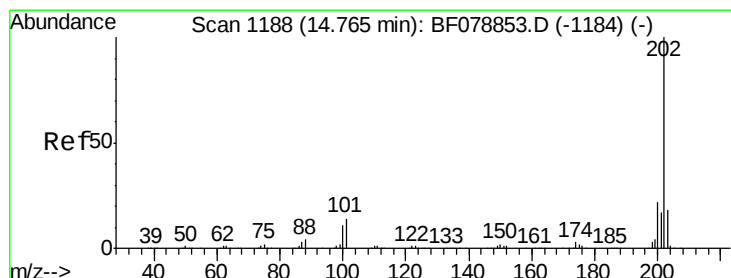
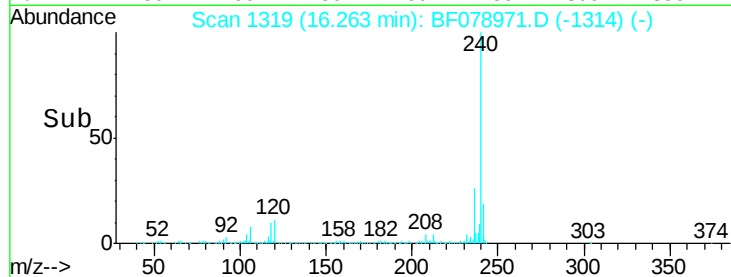
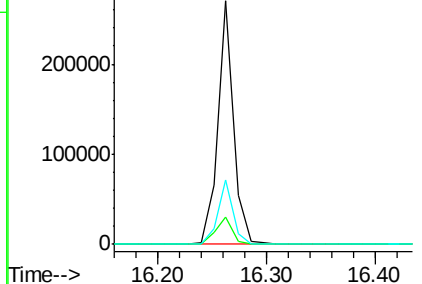
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.02 ng m

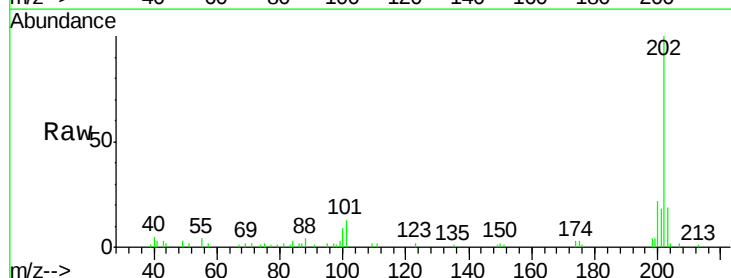
RT: 14.74 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF078971.D

Acq: 6 May 2015 20:22

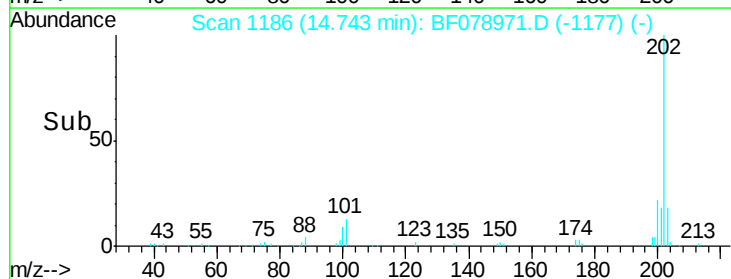
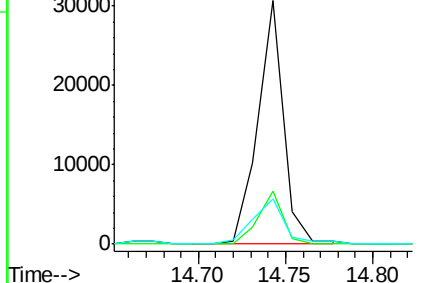
Tgt Ion:	202	Resp:	31687
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.5	26.3
203	18.8	13.9	20.9

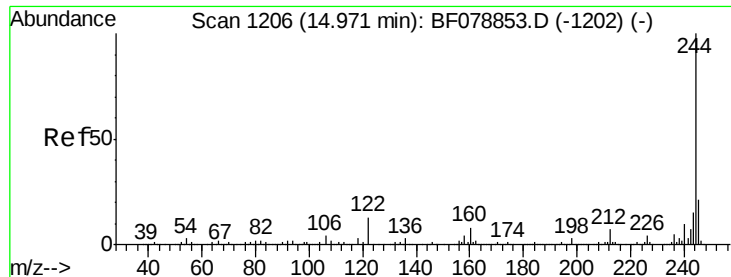


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





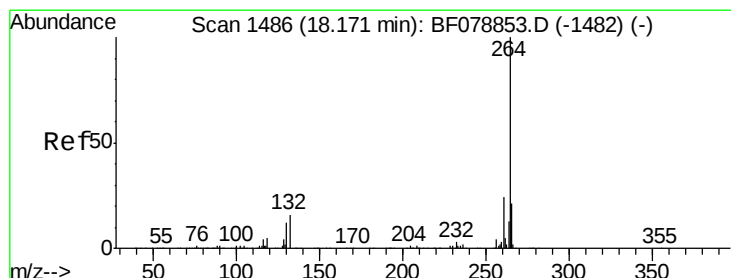
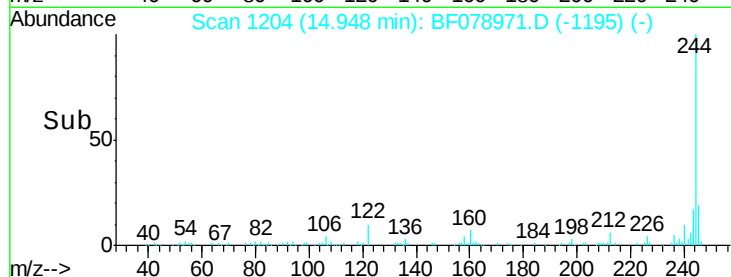
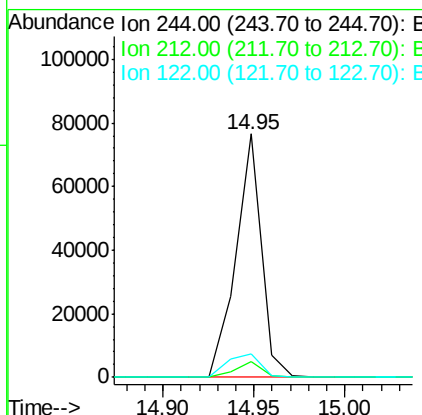
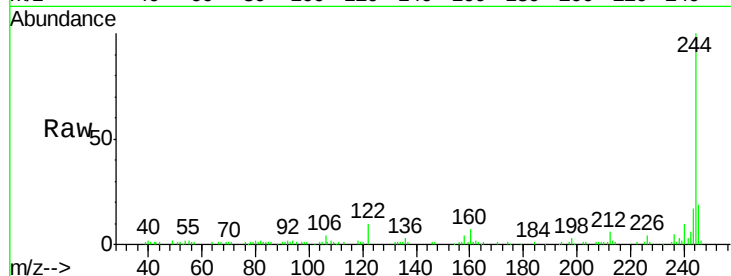
#78
 Terphenyl-d14
 Concen: 6.58 ng/mL
 RT: 14.95 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF078971.D
 Acq: 6 May 2015 20:22

Instrument :
 BNA_F
 ClientSampleID :
 TP-14-SS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	9.7	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.08 min Scan# 1478
 Delta R.T. -0.15 min
 Lab File: BF078971.D
 Acq: 6 May 2015 20:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.7	18.3	27.5

