

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078879.D
 Acq On : 1 May 2015 6:21
 Operator : TP/IZ
 Sample : G2032-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2(5-7)

Manual Integrations
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Quant Time: May 01 07:16:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 07:00:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	87967	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	368229	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	174835	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	333078	20.00	ng	0.00
75) Chrysene-d12	16.27	240	342031	20.00	ng	0.00
86) Perylene-d12	18.08	264	374477	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	606684	118.72	ng	0.01
7) Phenol-d6	6.92	99	855065	126.58	ng	0.01
23) Nitrobenzene-d5	8.06	82	442763	69.11	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	223616	118.23	ng	0.01
44) 2-Fluorobiphenyl	10.30	172	878059	69.97	ng	0.00
78) Terphenyl-d14	14.97	244	962724	67.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.80	163	42752	3.33	ng	99
74) Fluoranthene	14.48	202	59020	3.04	ng	99
77) Pyrene	14.77	202	54679	2.77	ng	97
87) Benzo(b)fluoranthene	17.61	252	48324m	2.36	ng	

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

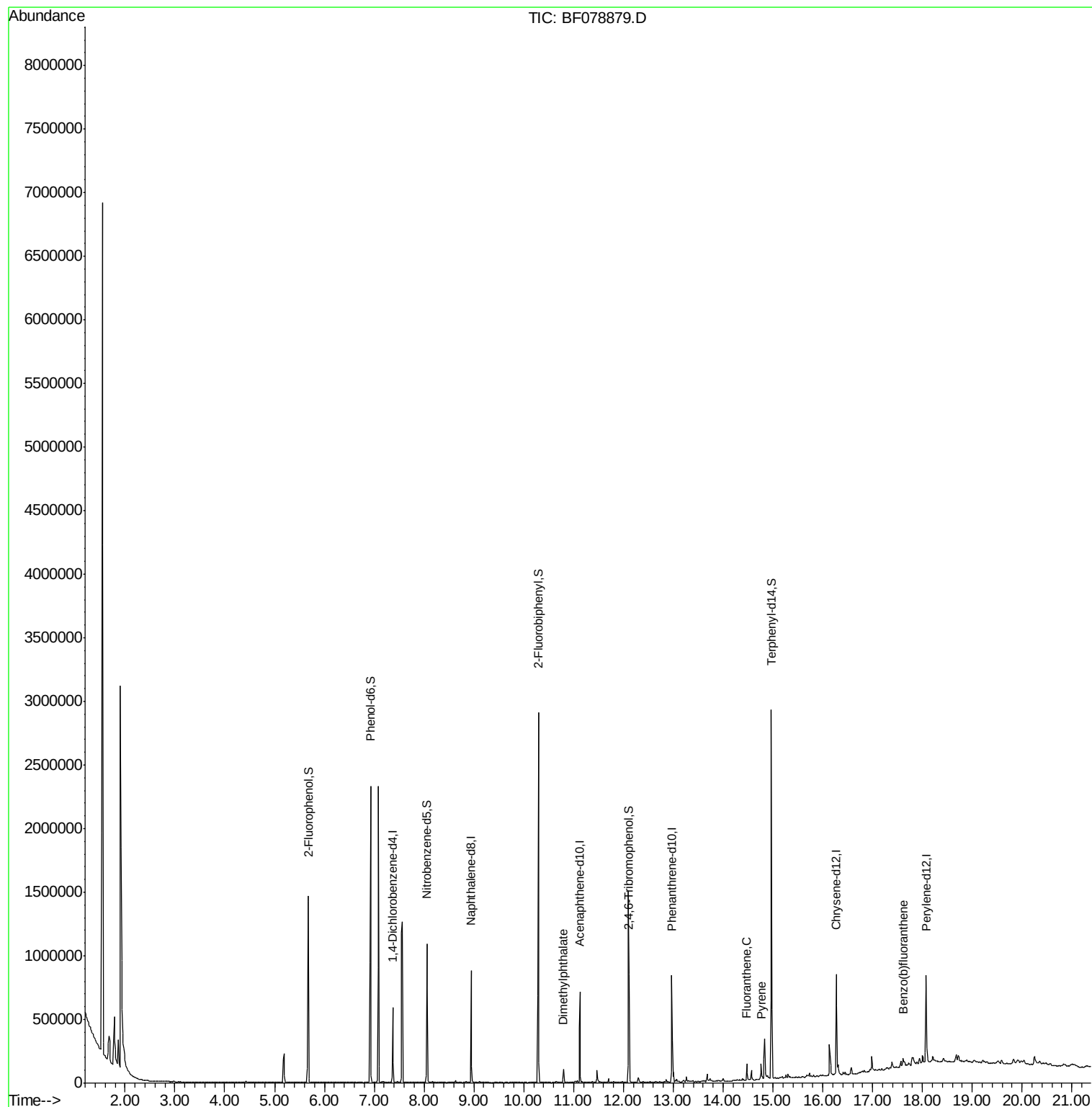
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078879.D
Acq On : 1 May 2015 6:21
Operator : TP/IZ
Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

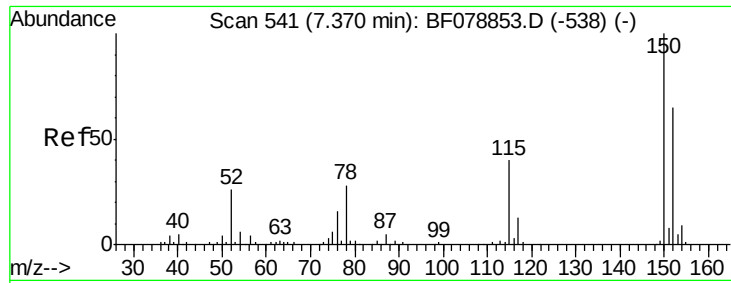
Instrument :
BNA_F
ClientSampleId :
B2(5-7)

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Quant Time: May 01 07:16:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 07:00:39 2015
Response via : Initial Calibration





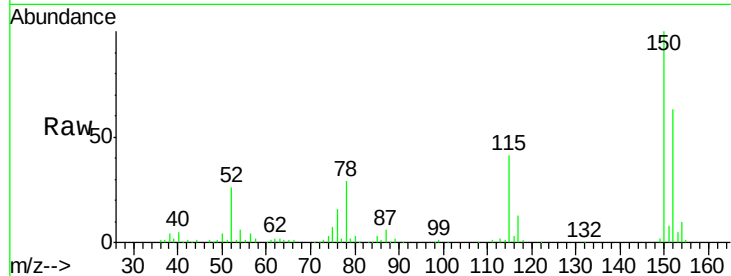
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.37 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF078879.D
 Acq: 1 May 2015 6:21

Instrument :
 BNA_F
 ClientSampled :
 B2(5-7)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.0	183.0
115	64.8	46.3	69.5

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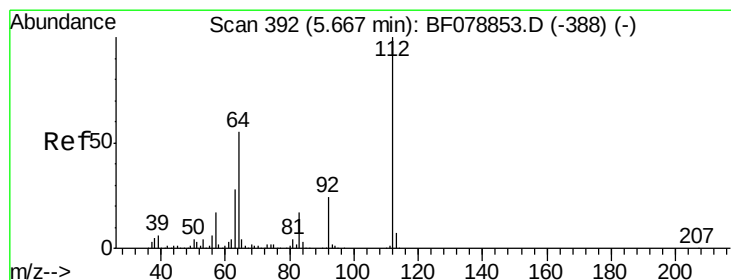
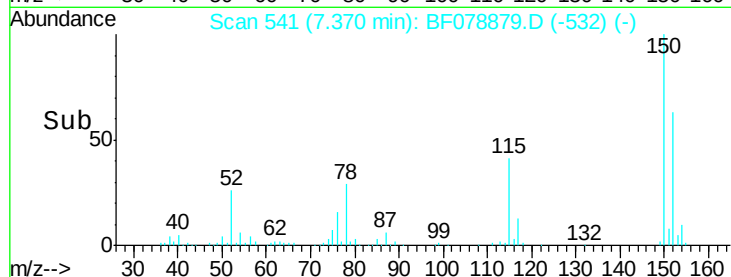
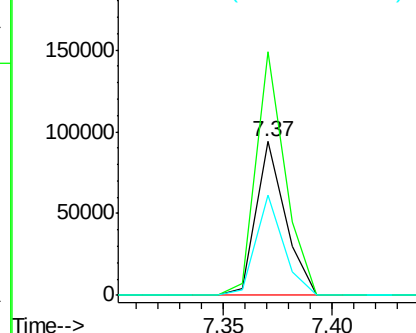


Abundance

Ion 152.00 (151.70 to 152.70): E

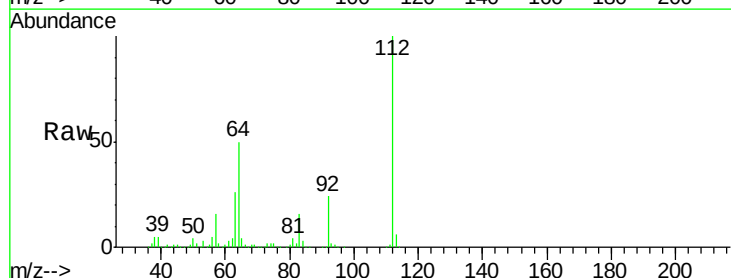
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 118.72 ng
 RT: 5.68 min Scan# 393
 Delta R.T. 0.01 min
 Lab File: BF078879.D
 Acq: 1 May 2015 6:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	53.5	80.3#
63	25.9	27.5	41.3#

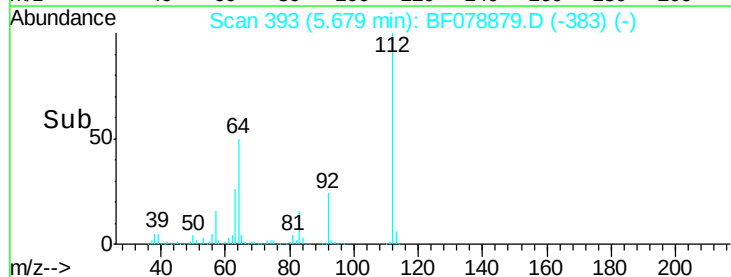
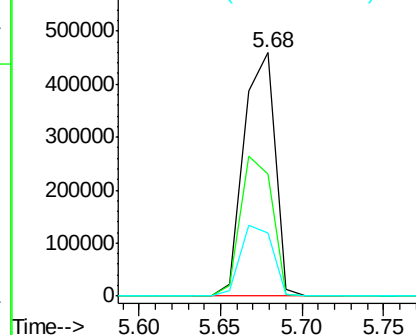


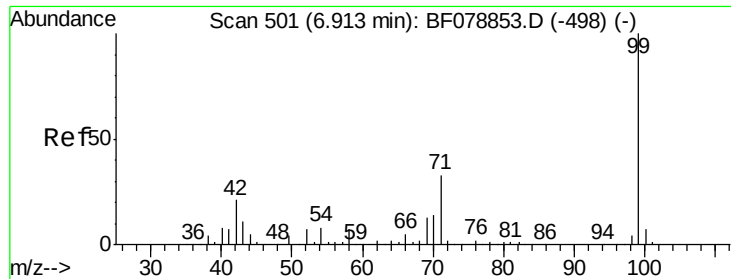
Abundance

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: 126.58 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078879.D

Acq: 1 May 2015 6:21

Instrument :

BNA_F

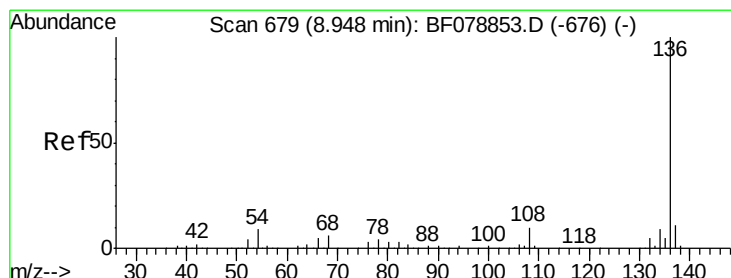
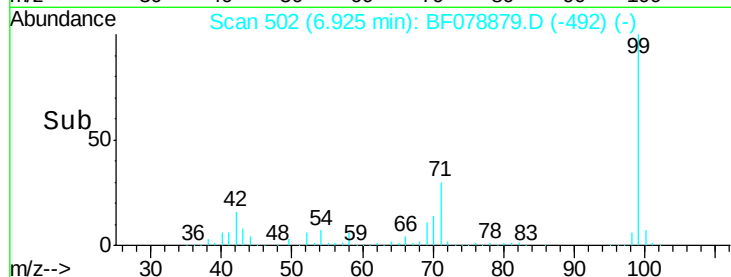
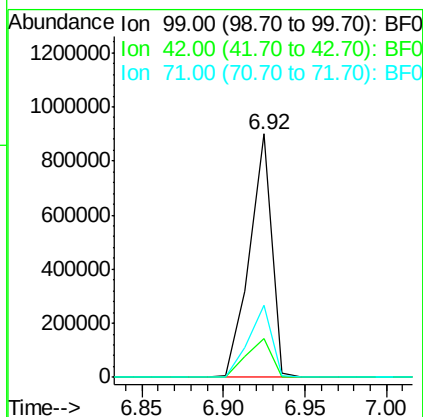
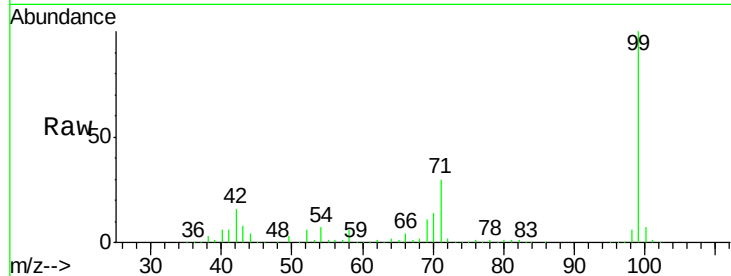
ClientSampleId :

B2(5-7)

Tot Ion:	99	Resp:	855065
Ion Ratio	Lower	Upper	
99	100		
42	16.2	12.8	19.2
71	29.6	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

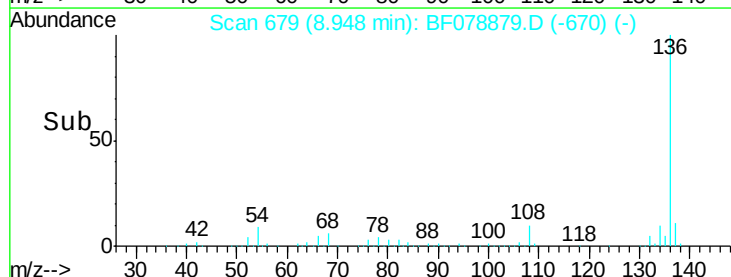
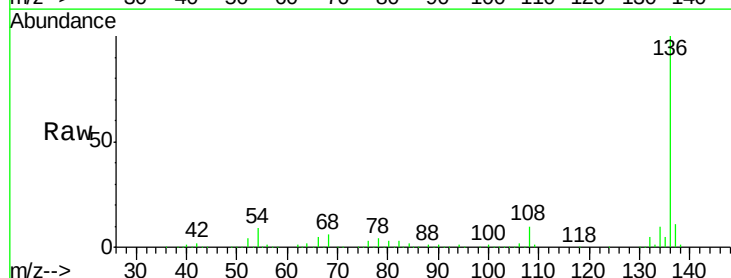
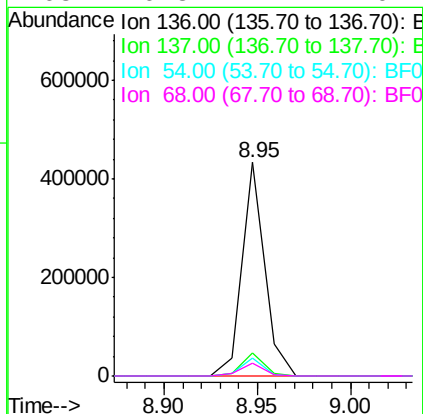
RT: 8.95 min Scan# 679

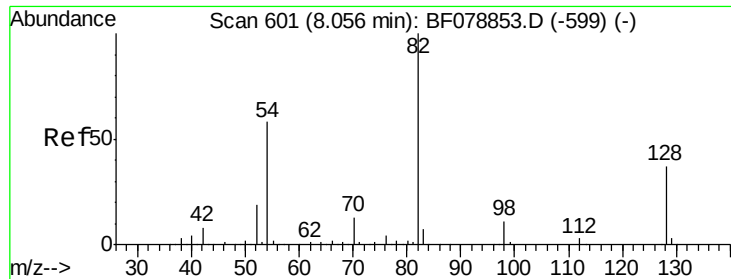
Delta R.T. -0.00 min

Lab File: BF078879.D

Acq: 1 May 2015 6:21

Tgt Ion:	136	Resp:	368229
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	8.6	5.8	8.8
68	6.3	4.2	6.4





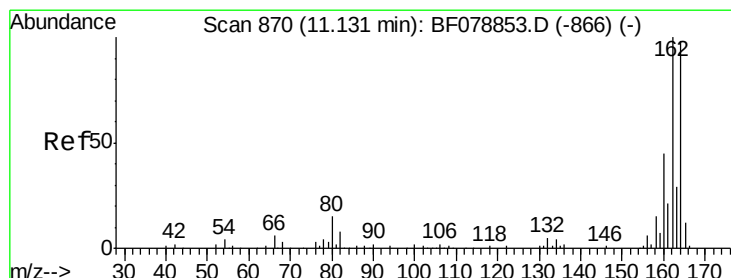
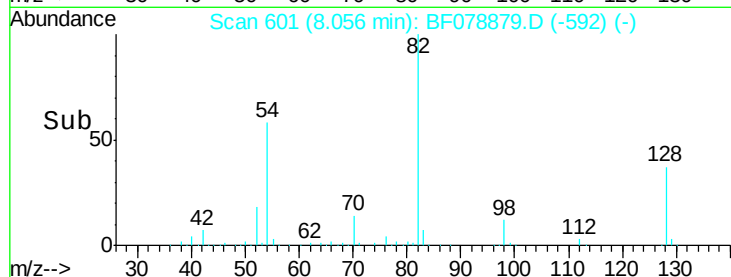
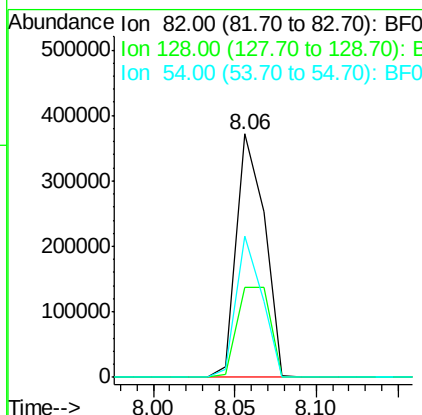
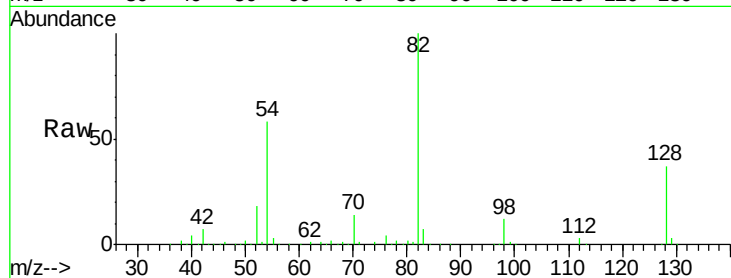
#23
 Nitrobenzene-d5
 Concen: 69.11 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF078879.D
 Acq: 1 May 2015 6:21

Instrument :
 BNA_F
 ClientSampled :
 B2(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	442763		
128	36.8	30.0	45.0	
54	57.8	46.4	69.6	

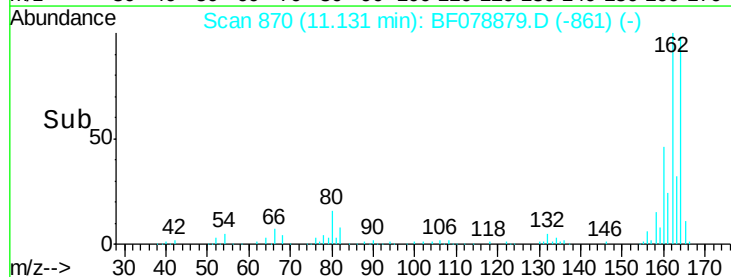
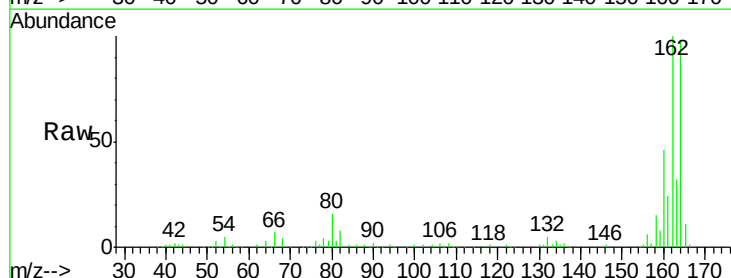
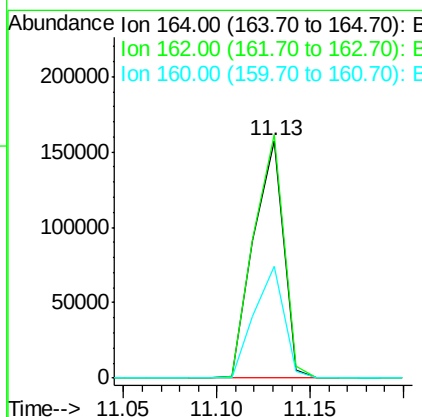
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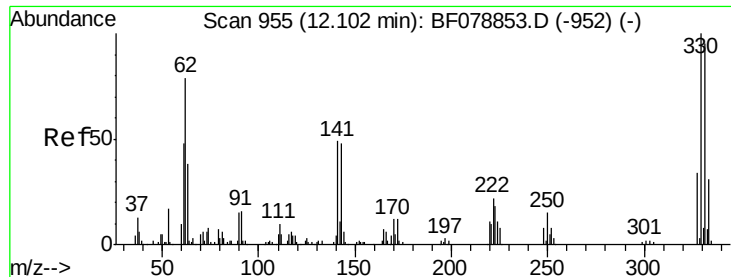
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF078879.D
 Acq: 1 May 2015 6:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	174835		
162	102.6	82.7	124.1	
160	47.2	35.8	53.8	





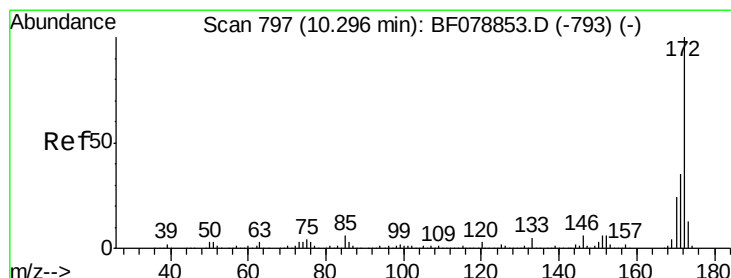
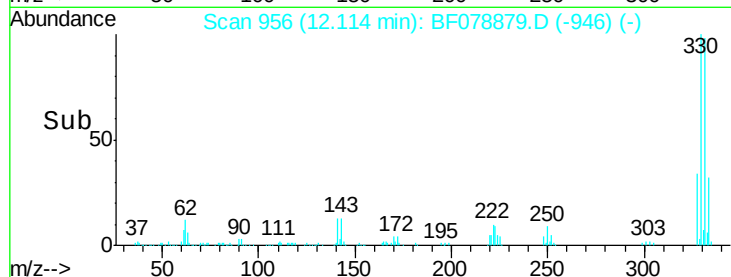
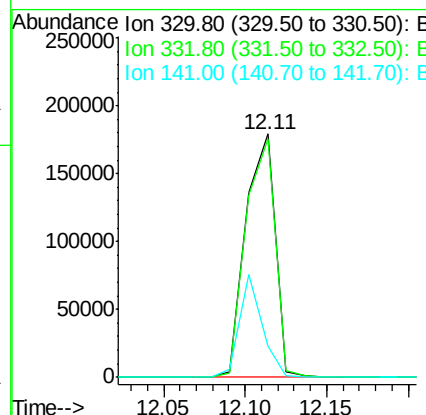
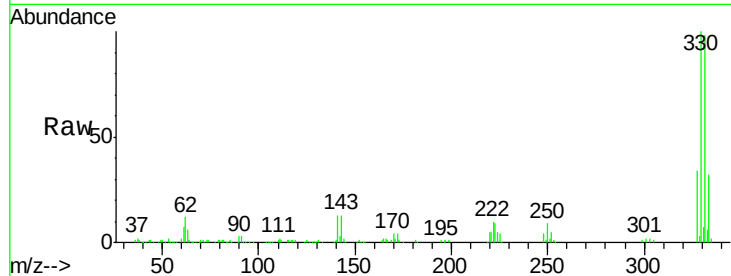
#41
 2,4,6-Tribromophenol
 Concen: 118.23 ng
 RT: 12.11 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: BF078879.D
 Acq: 1 May 2015 6:21

Instrument :
 BNA_F
 ClientSampleId :
 B2(5-7)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	32.8	0.0	0.0#

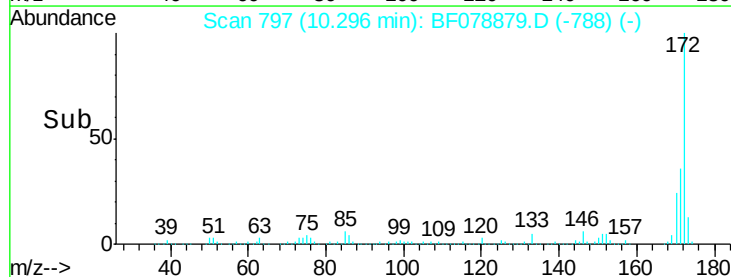
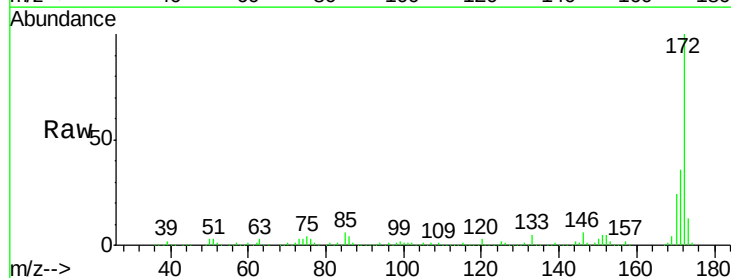
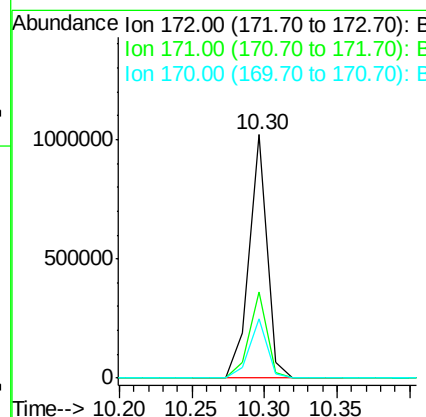
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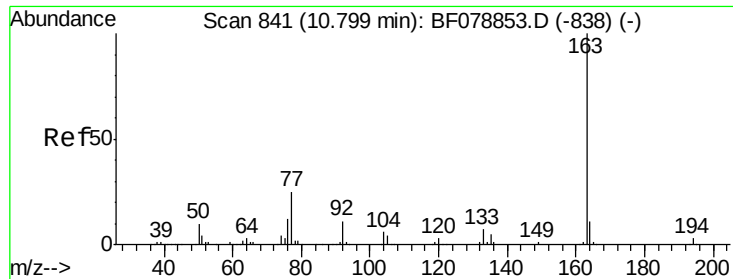
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#44
 2-Fluorobiphenyl
 Concen: 69.97 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078879.D
 Acq: 1 May 2015 6:21

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.5	27.9	41.9
170	24.5	19.4	29.0





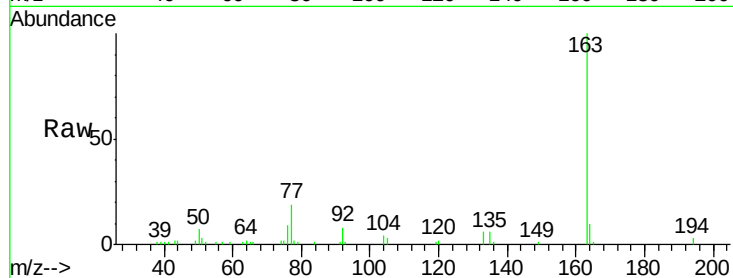
#49
Dimethylphthalate
Concen: 3.33 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078879.D
Acq: 1 May 2015 6:21

Instrument :
BNA_F
ClientSampleId :
B2(5-7)

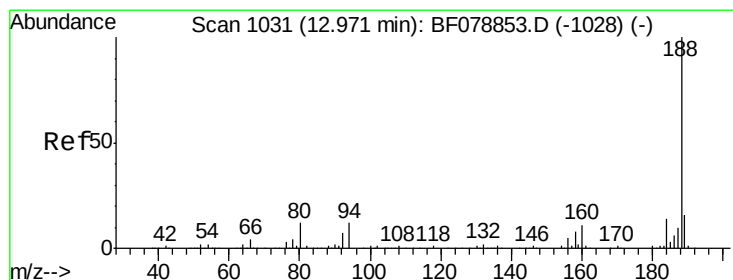
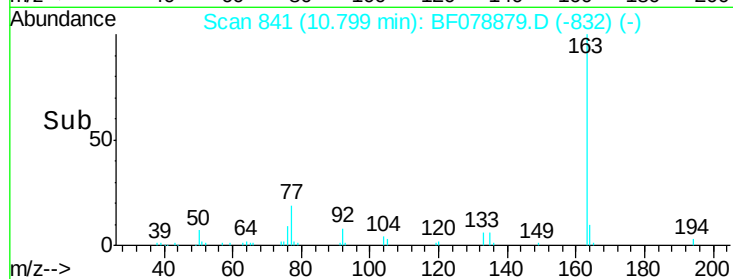
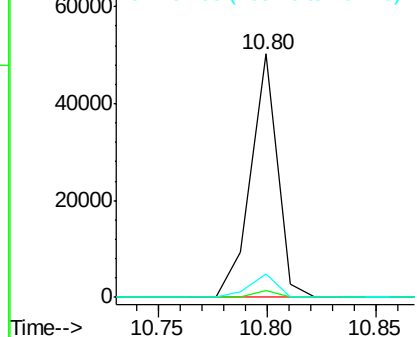
Tot Ion	Ratio	Resp	Lower	Upper
163	100	42752		
194	3.0	2.6	4.0	
164	9.7	8.1	12.1	

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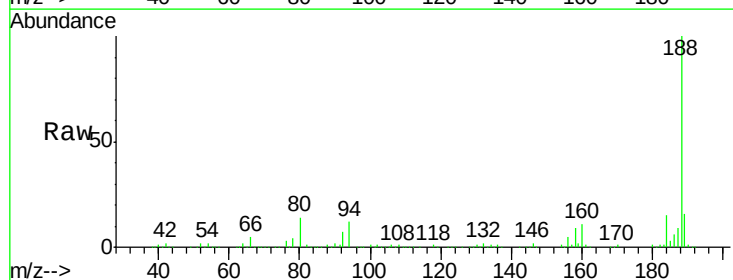


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

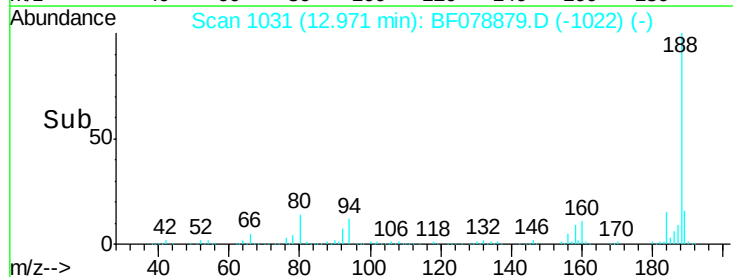
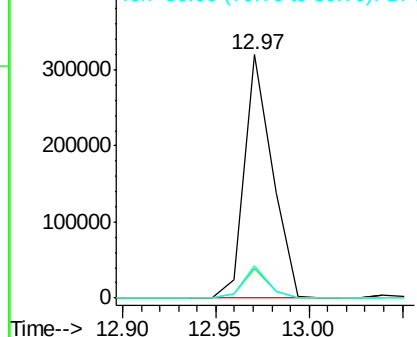


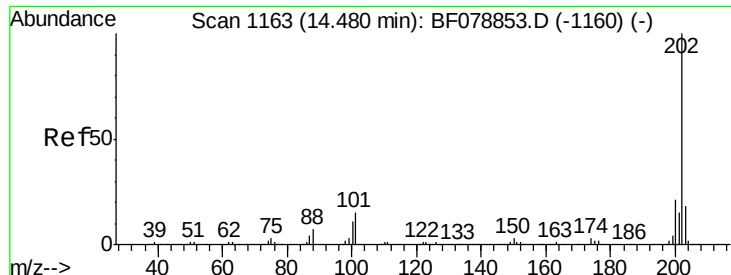
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078879.D
Acq: 1 May 2015 6:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	333078		
94	12.2	8.2	12.2	
80	13.6	8.9	13.3	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.04 ng

RT: 14.48 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF078879.D

Acq: 1 May 2015 6:21

Instrument :

BNA_F

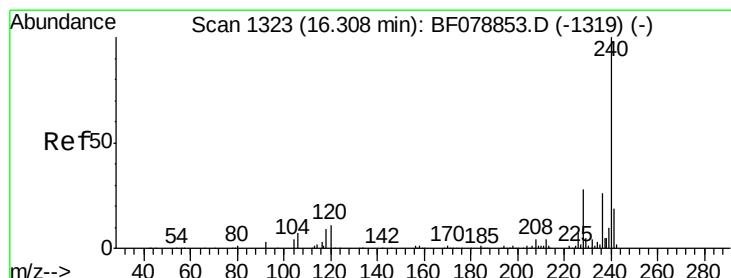
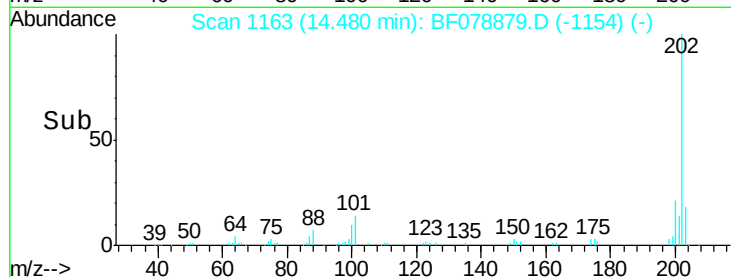
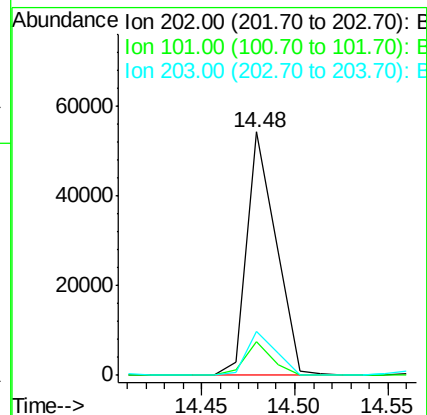
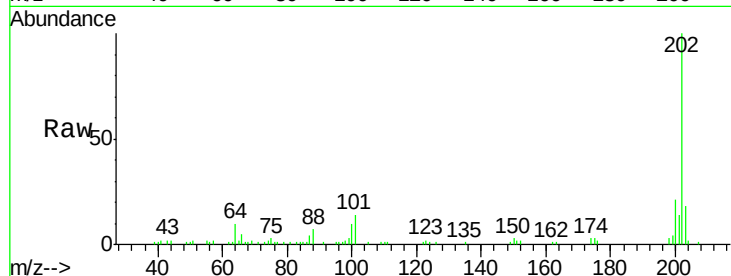
ClientSampleId :

B2(5-7)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	0.0	34.6
203	18.0	0.0	38.4

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#75

Chrysene-d12

Concen: 20.00 ng

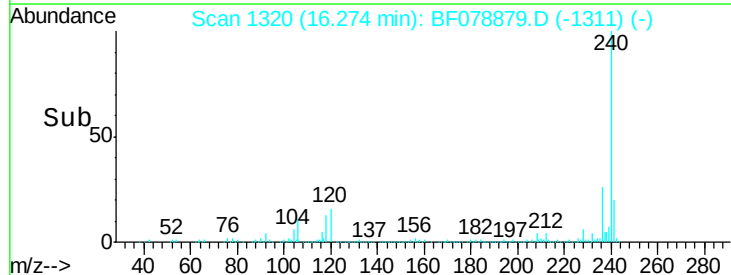
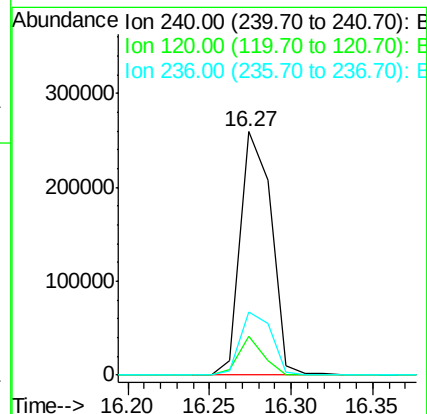
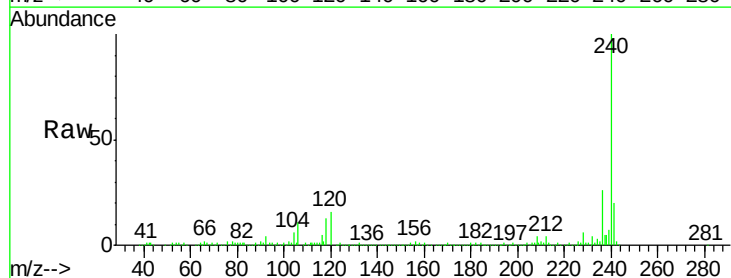
RT: 16.27 min Scan# 1320

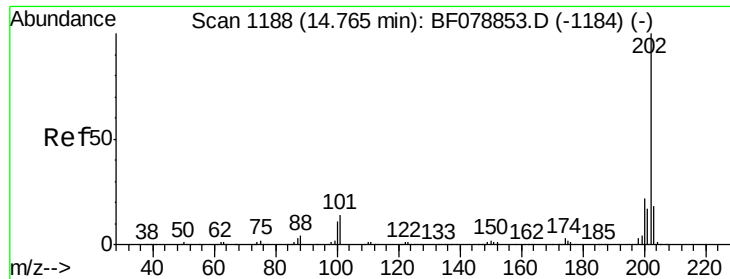
Delta R.T. -0.00 min

Lab File: BF078879.D

Acq: 1 May 2015 6:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.0	9.7	14.5#
236	25.8	20.2	30.4





#77

Pvrene

Concen: 2.77 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF078879.D

Acq: 1 May 2015 6:21

Instrument :

BNA_F

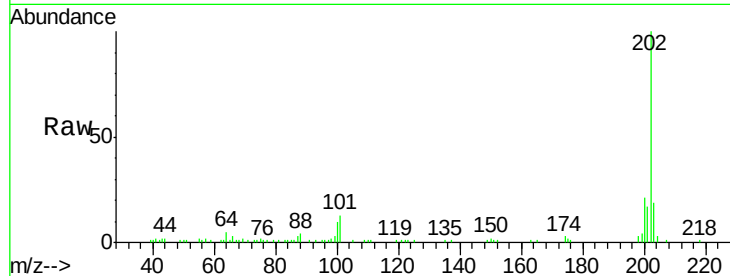
ClientSampled :

B2(5-7)

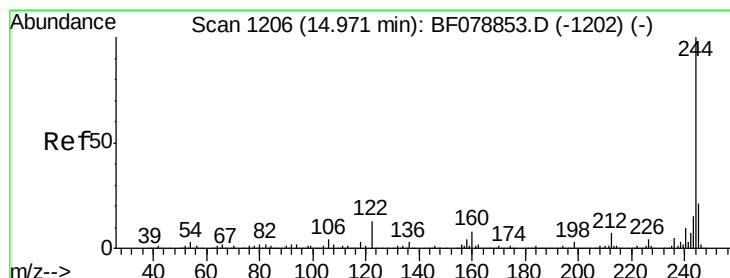
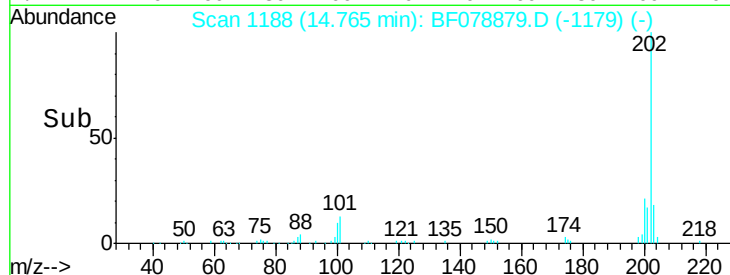
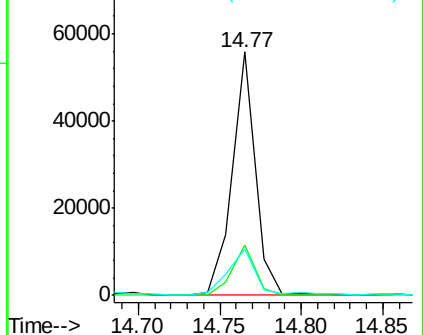
Tot Ion:	202	Resp:	54679
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.5	26.3
203	19.0	13.9	20.9

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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: 67.39 ng

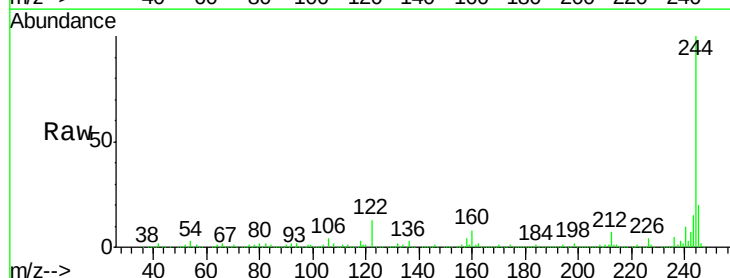
RT: 14.97 min Scan# 1206

Delta R.T. -0.00 min

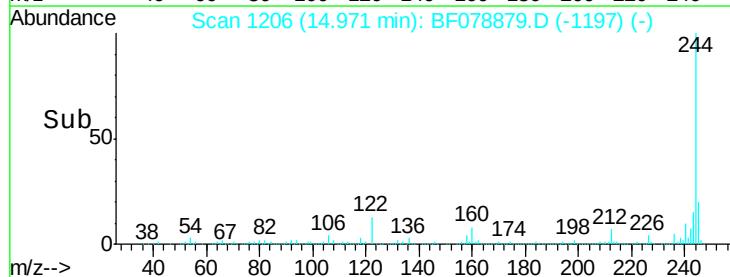
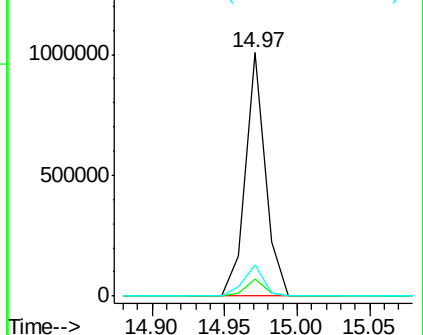
Lab File: BF078879.D

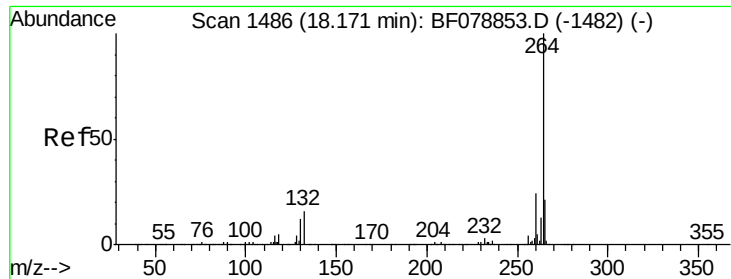
Acq: 1 May 2015 6:21

Tgt Ion:	244	Resp:	962724
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.6	8.4
122	13.0	10.3	15.5



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





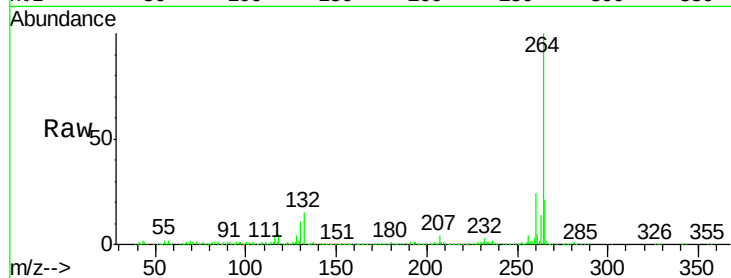
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.08 min Scan# 1478
Delta R.T. 0.05 min
Lab File: BF078879.D
Acq: 1 May 2015 6:21

Instrument :
BNA_F
ClientSampleId :
B2(5-7)

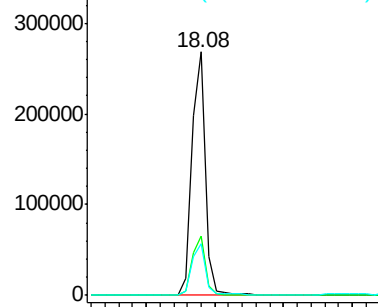
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.3	18.3	27.5

Manual Integrations
APPROVED

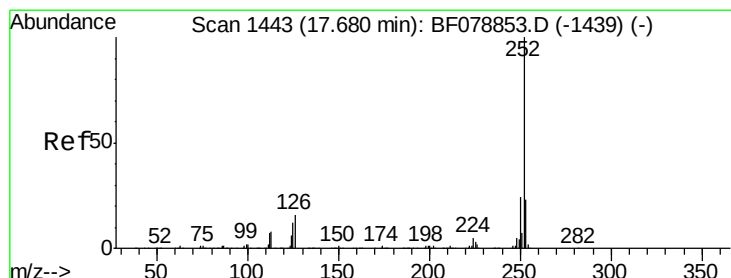
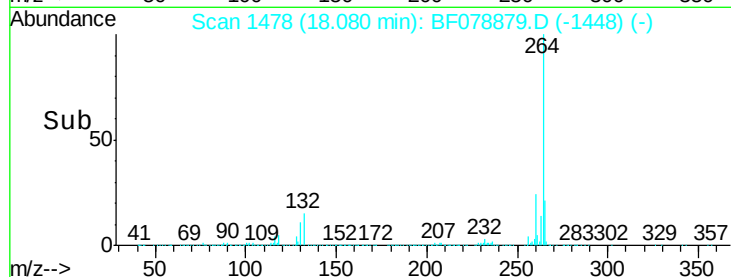
apatel
5/1/2015 4:45:04 PM



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



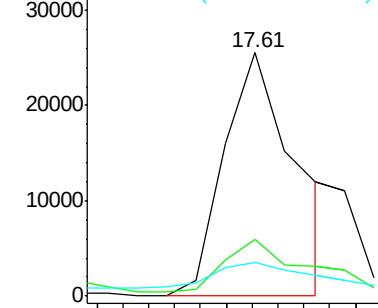
Time-->



#87
Benzo(b)fluoranthene
Concen: 2.36 ng m
RT: 17.61 min Scan# 1437
Delta R.T. 0.03 min
Lab File: BF078879.D
Acq: 1 May 2015 6:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	13.6	9.5	14.3

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



Time-->

