

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078871.D
 Acq On : 1 May 2015 2:32
 Operator : TP/IZ
 Sample : G2044-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-57D

Manual Integrations
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Quant Time: May 01 03:33:00 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 00:31:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	77555	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	325989	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	151853	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	287536	20.00	ng	0.00
75) Chrysene-d12	16.26	240	300124	20.00	ng	-0.01
86) Perylene-d12	18.00	264	321892	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	548921	121.84	ng	0.00
7) Phenol-d6	6.92	99	765173	128.48	ng	0.01
23) Nitrobenzene-d5	8.06	82	397621	70.10	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	199210	121.26	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	733249	67.27	ng	0.00
78) Terphenyl-d14	14.97	244	781381	62.33	ng	0.00
Target Compounds						
32) Benzoic acid	8.57	122	1427	6.74	ng	Qvalue # 79
49) Dimethylphthalate	10.80	163	46922	4.21	ng	99
70) Phenanthrene	13.01	178	35895	2.23	ng	97
74) Fluoranthene	14.48	202	49166	2.93	ng	99
77) Pyrene	14.77	202	56230	3.25	ng	97

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

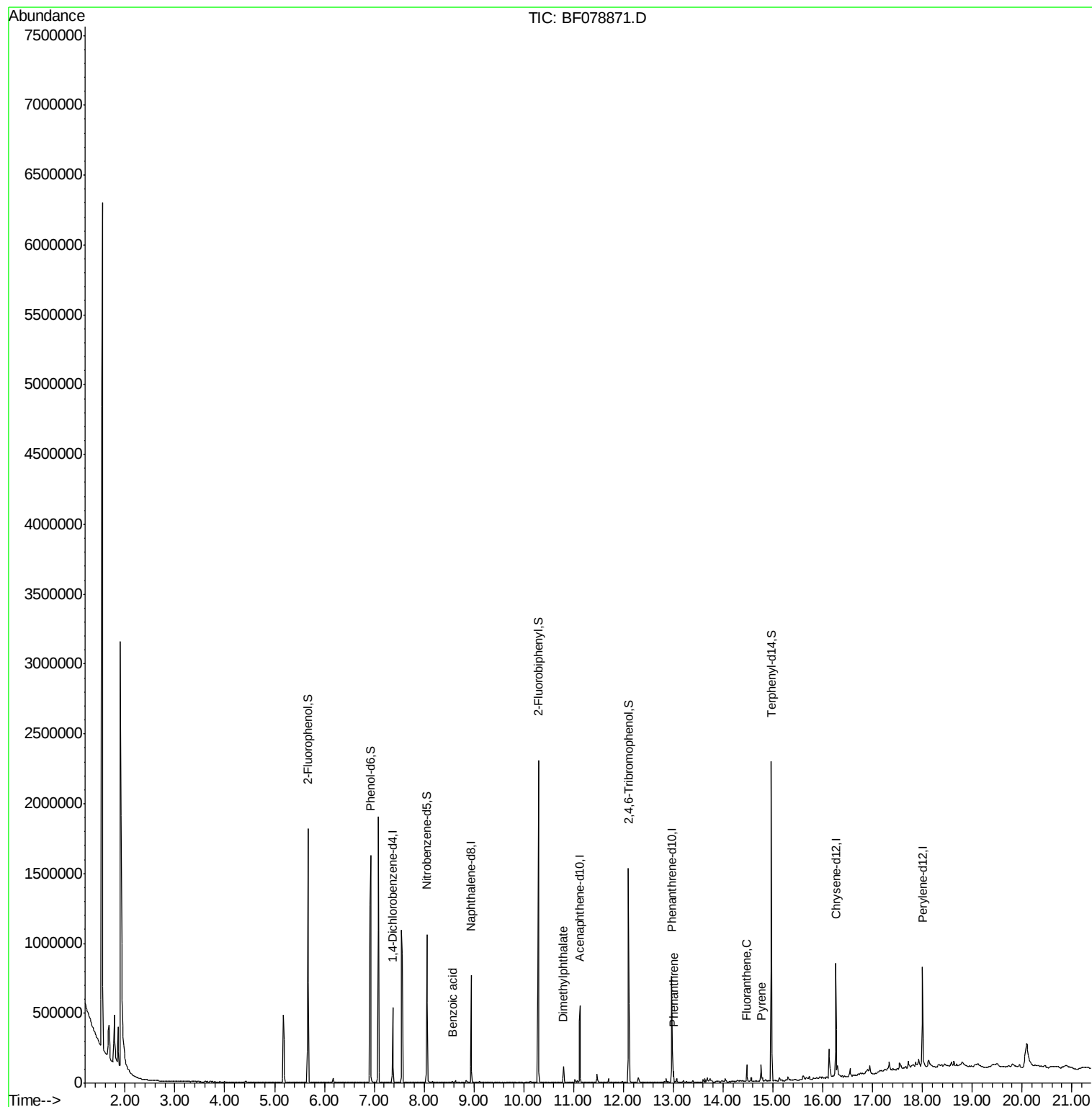
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078871.D
Acq On : 1 May 2015 2:32
Operator : TP/IZ
Sample : G2044-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

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Response via : Initial Calibration





#1

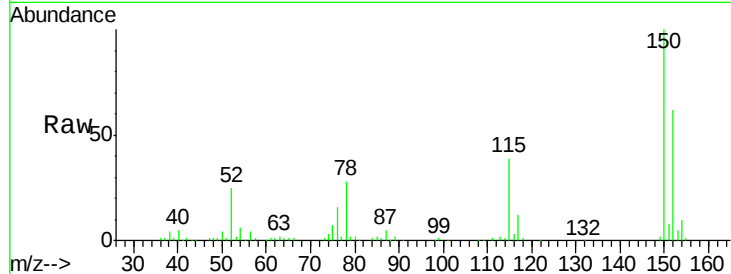
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

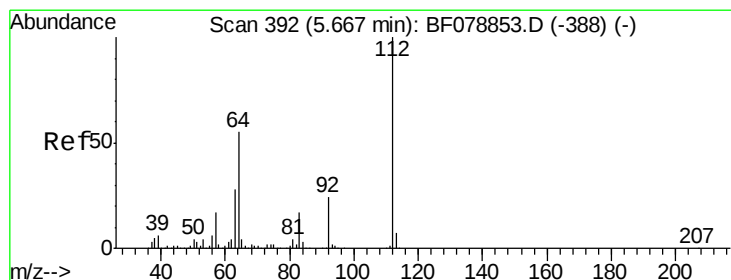
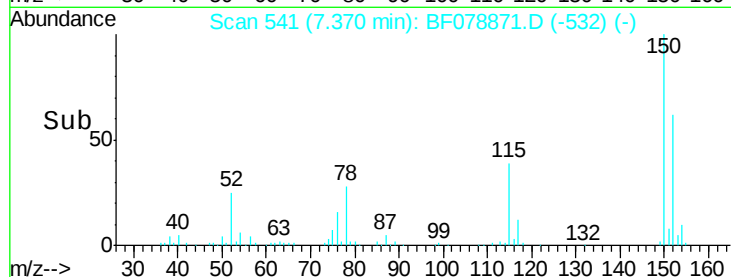
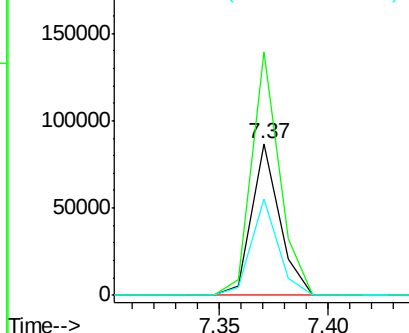
Tot Ion	Ratio	Resp	Lower	Upper
152	100	77555		
150	160.6	122.0	183.0	
115	63.2	46.3	69.5	

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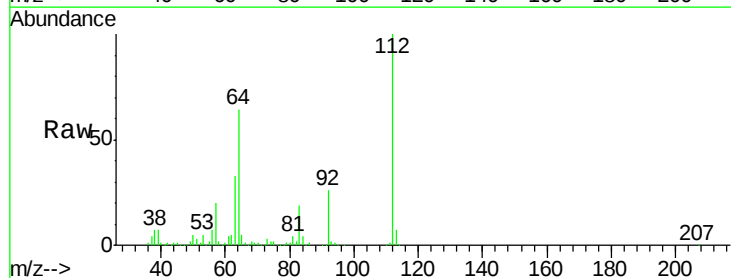
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



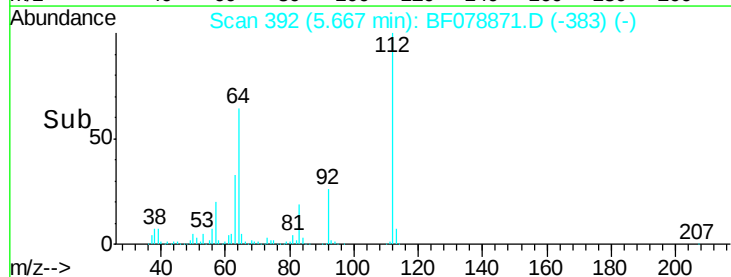
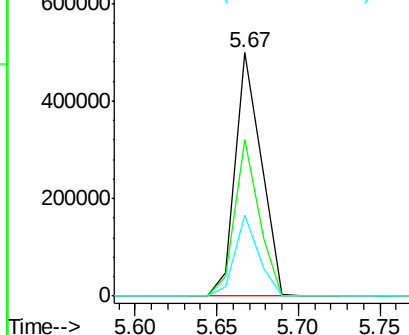
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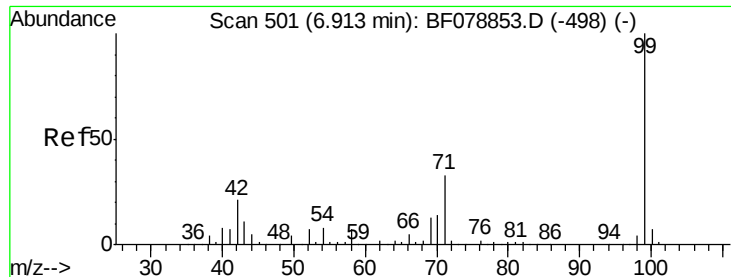
2-Fluorophenol
Concen: 121.84 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	548921		
64	64.4	53.5	80.3	
63	33.0	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: 128.48 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078871.D

Acq: 1 May 2015 2:32

Instrument :

BNA_F

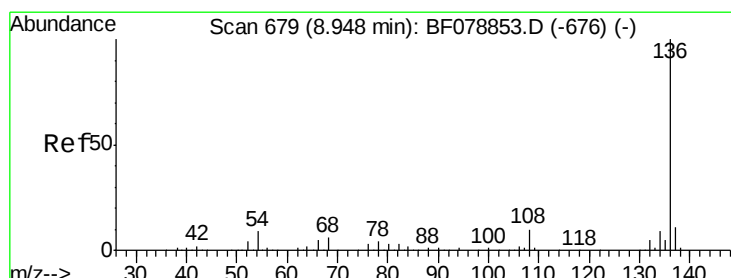
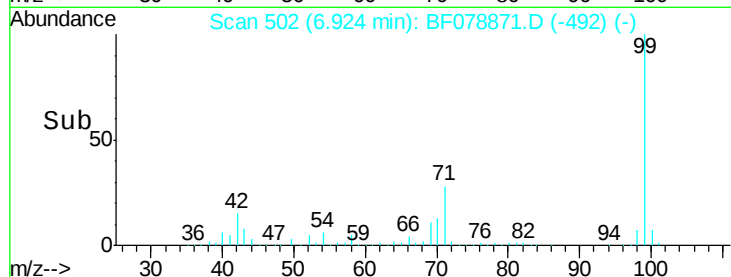
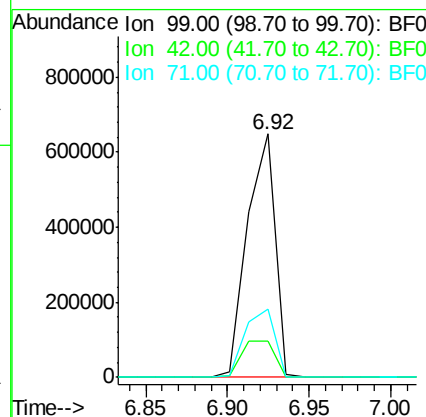
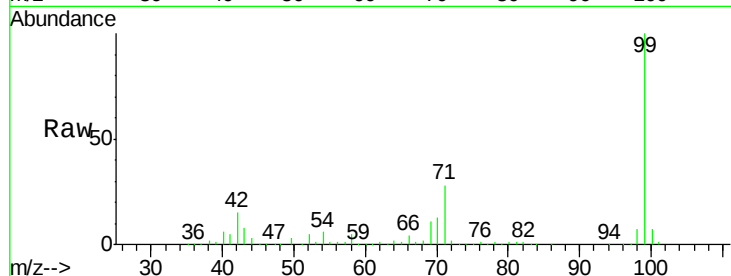
ClientSampled :

SB-57D

Tot Ion:	99	Resp:	765173
Ion Ratio	Lower	Upper	
99	100		
42	14.7	12.8	19.2
71	27.9	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

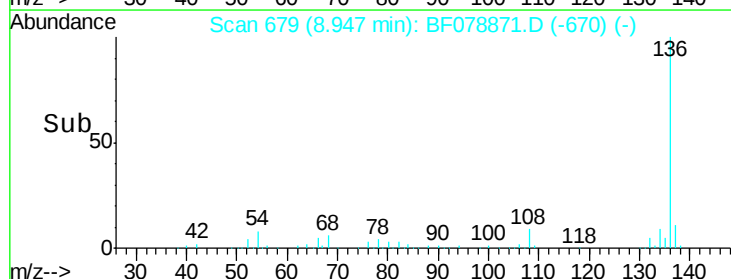
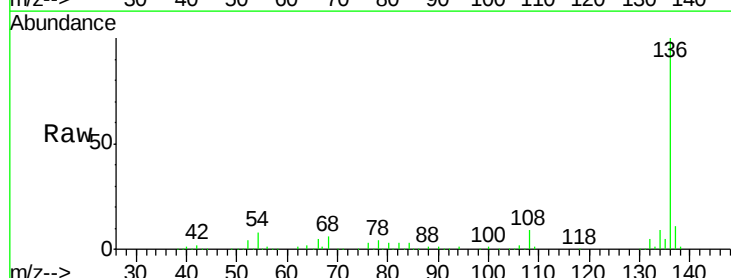
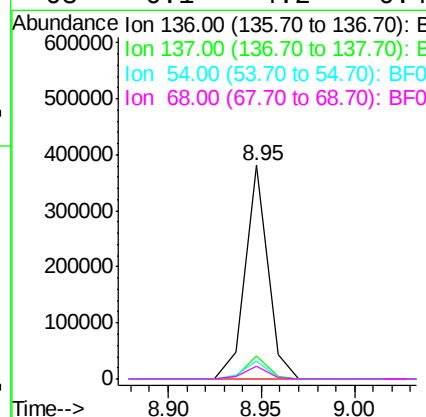
RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078871.D

Acq: 1 May 2015 2:32

Tgt Ion:	136	Resp:	325989
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	8.1	5.8	8.8
68	6.1	4.2	6.4





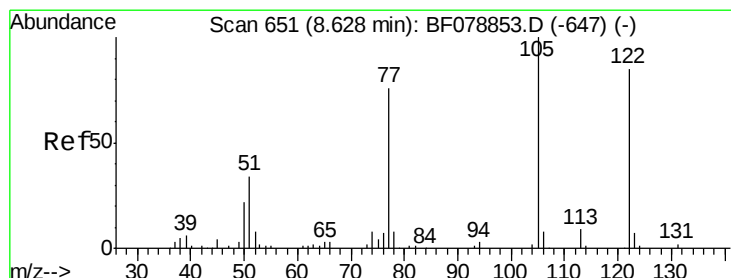
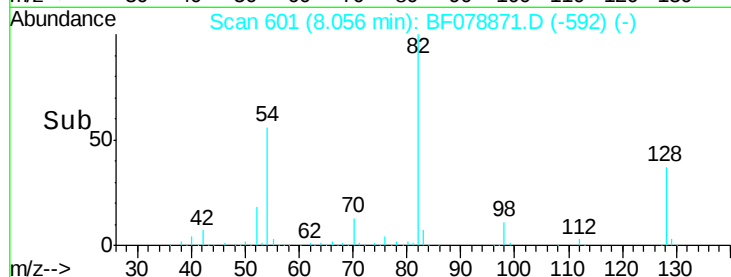
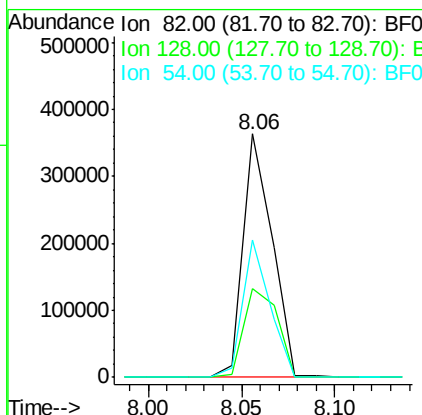
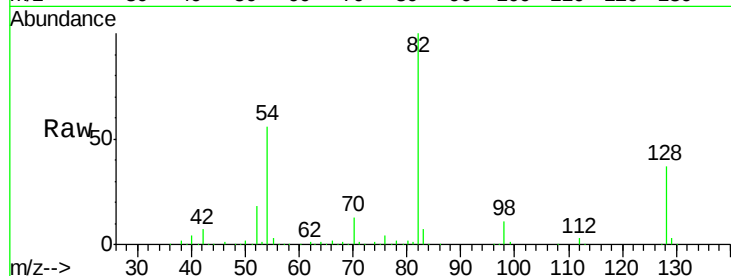
#23
 Nitrobenzene-d5
 Concen: 70.10 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF078871.D
 Acq: 1 May 2015 2:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-57D

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.7	30.0	45.0	
54	56.4	46.4	69.6	

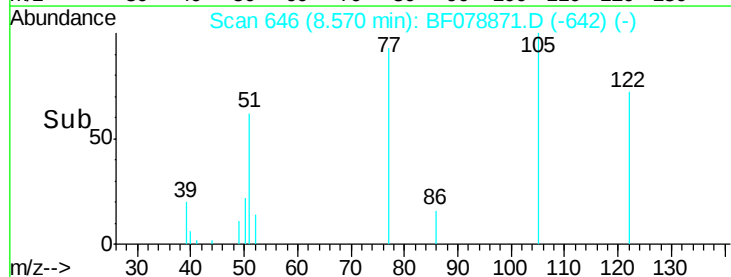
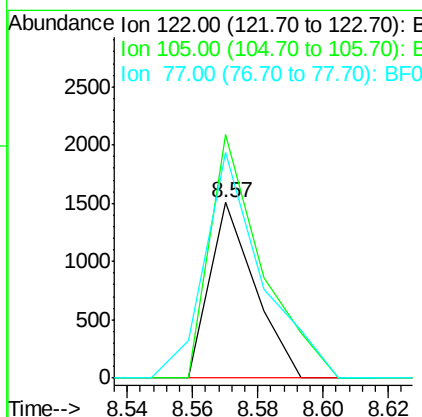
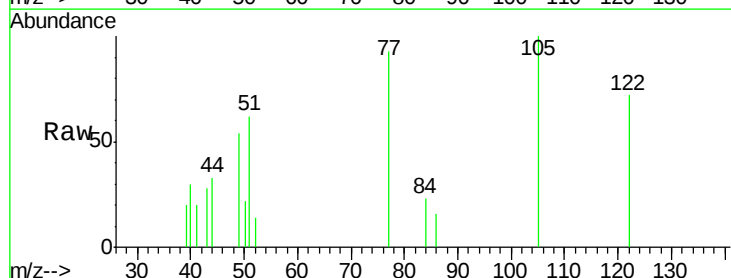
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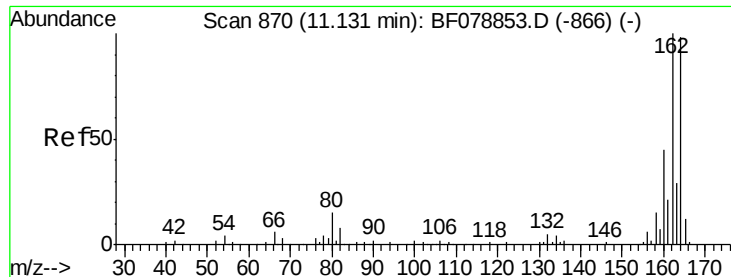
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#32
 Benzoic acid
 Concen: 6.74 ng
 RT: 8.57 min Scan# 646
 Delta R.T. -0.06 min
 Lab File: BF078871.D
 Acq: 1 May 2015 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	138.9	107.1	147.1	
77	129.1	73.9	113.9	





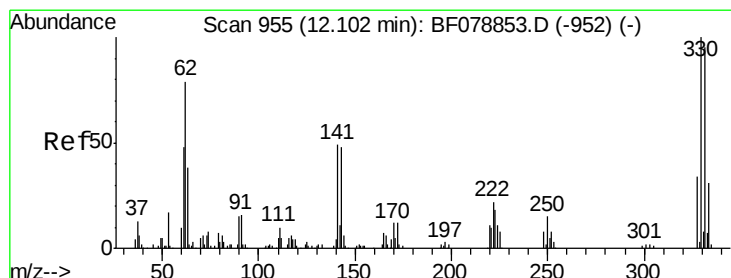
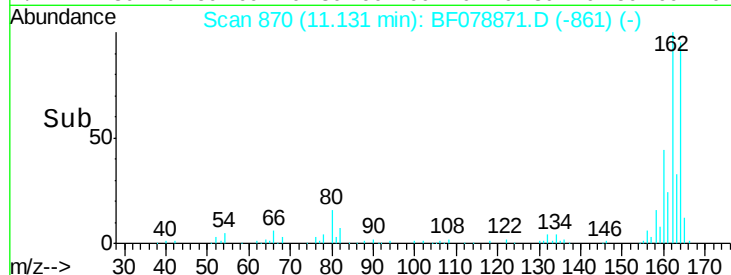
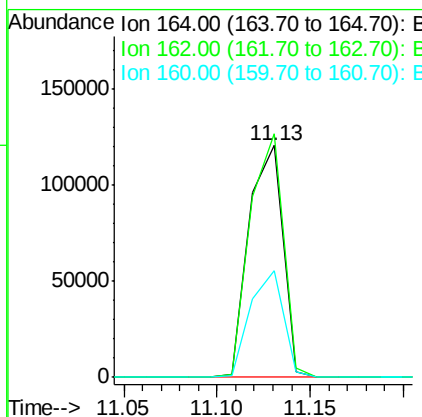
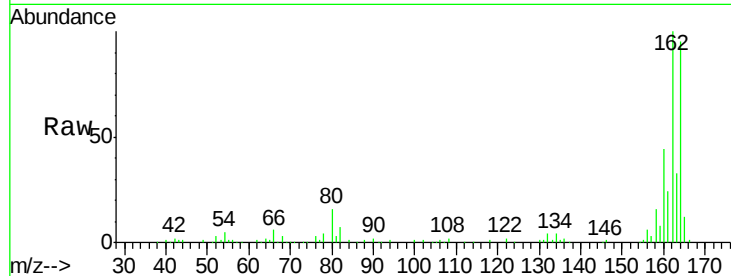
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.7	124.1
160	45.9	35.8	53.8

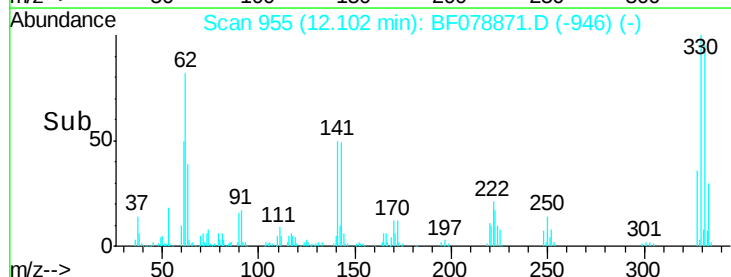
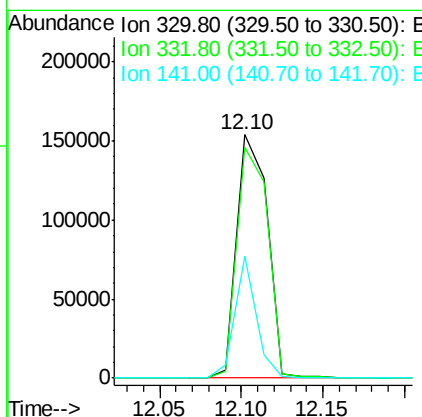
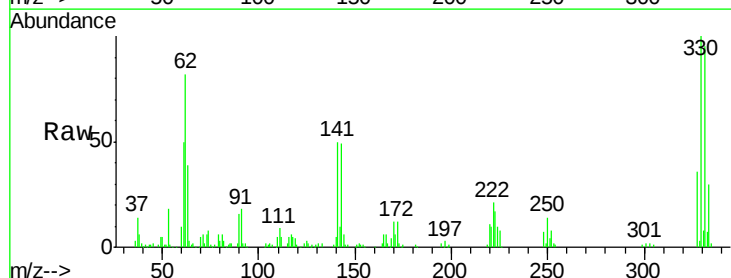
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#41
2,4,6-Tribromophenol
Concen: 121.26 ng
RT: 12.10 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	34.8	0.0	0.0#





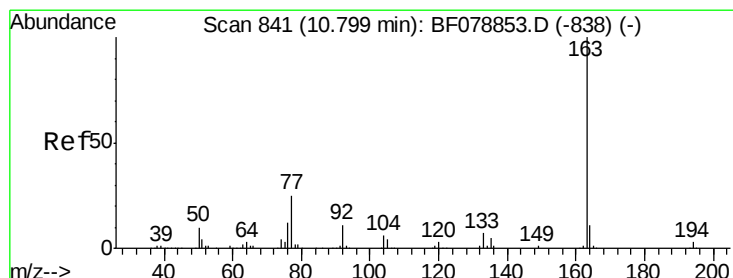
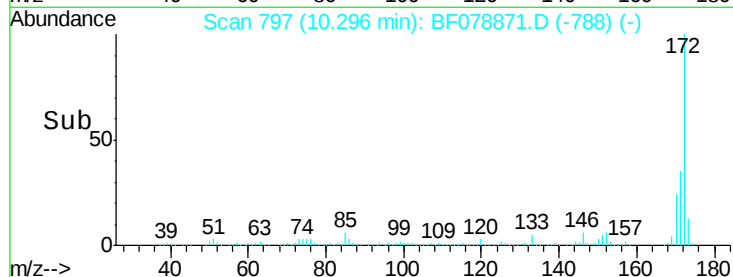
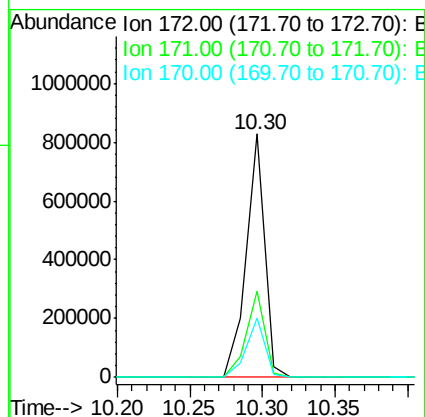
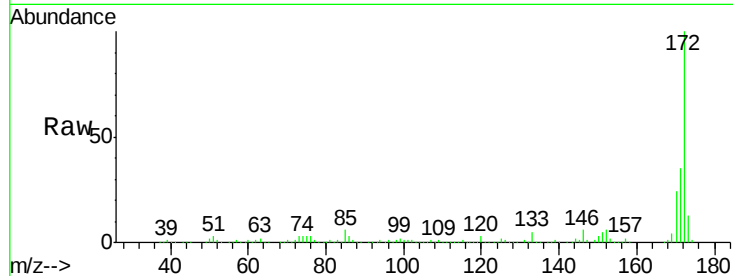
#44
2-Fluorobiphenyl
Concen: 67.27 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.2	27.9	41.9
170	24.2	19.4	29.0

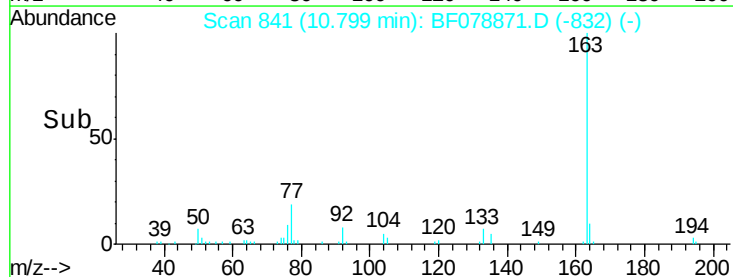
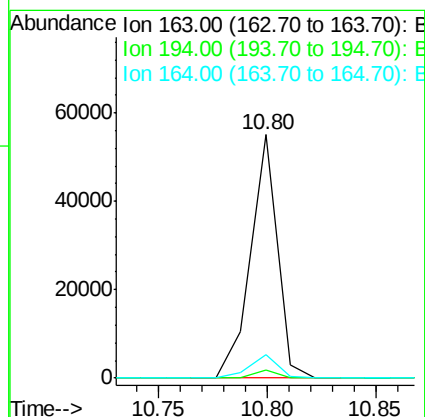
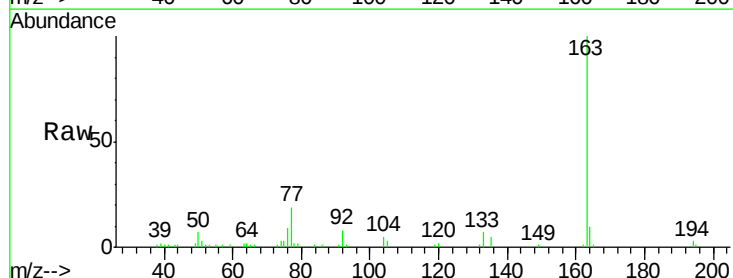
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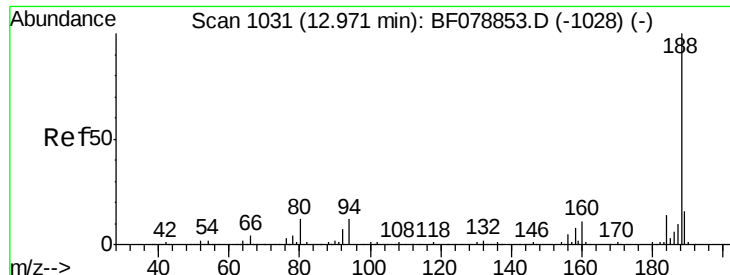
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#49
Dimethylphthalate
Concen: 4.21 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.1	12.1





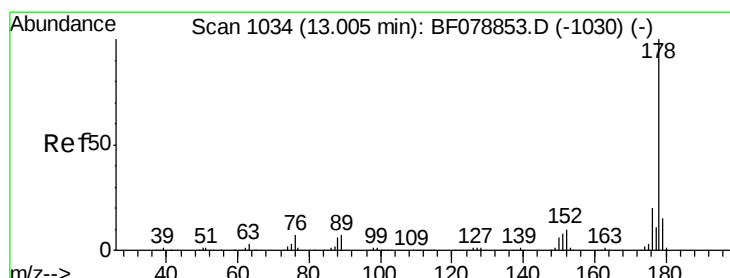
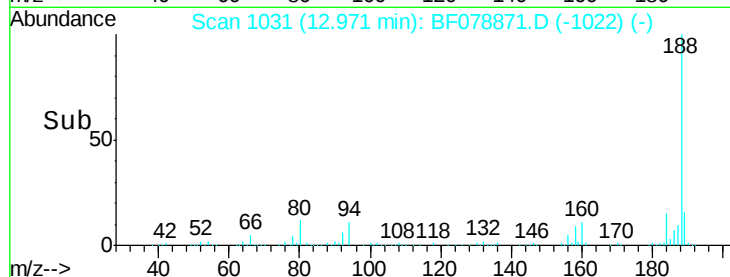
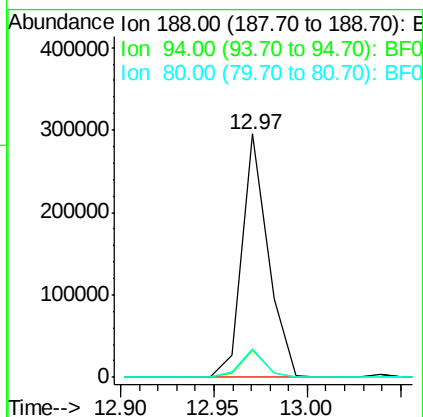
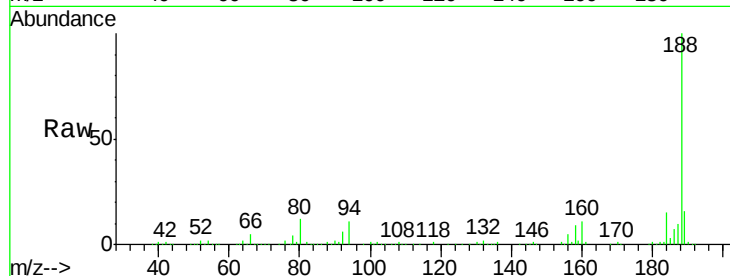
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tot Ion:	188	Resp:	287536
Ion Ratio	Lower	Upper	
188	100		
94	11.3	8.2	12.2
80	12.0	8.9	13.3

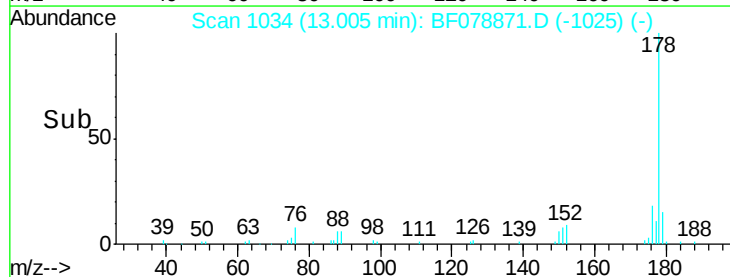
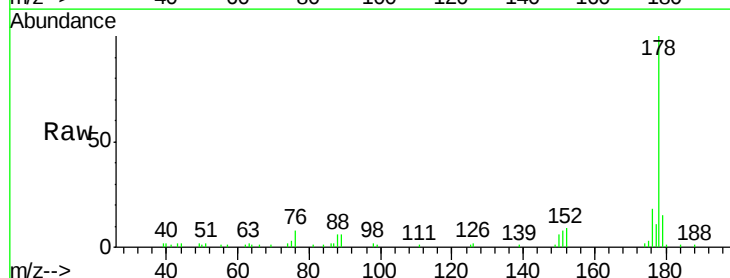
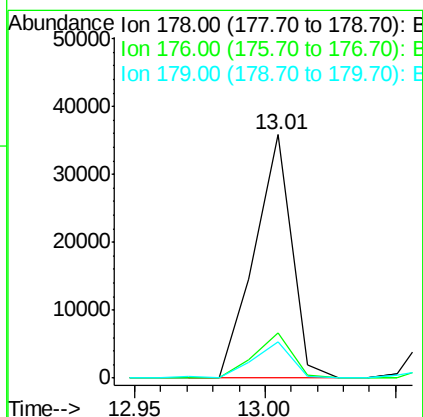
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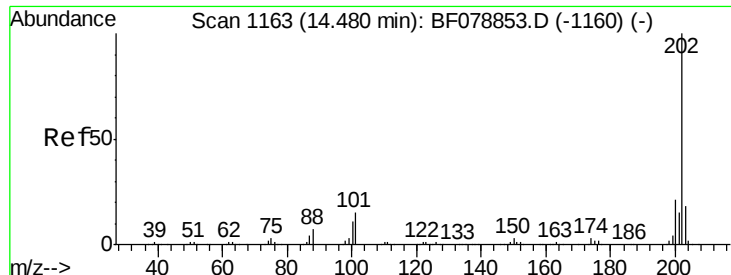
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#70
Phenanthrene
Concen: 2.23 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion:	178	Resp:	35895
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.8	23.8
179	14.8	12.5	18.7





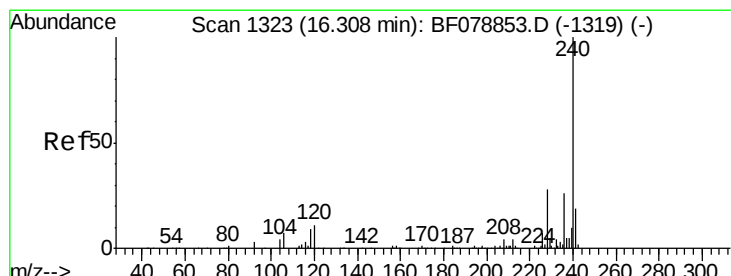
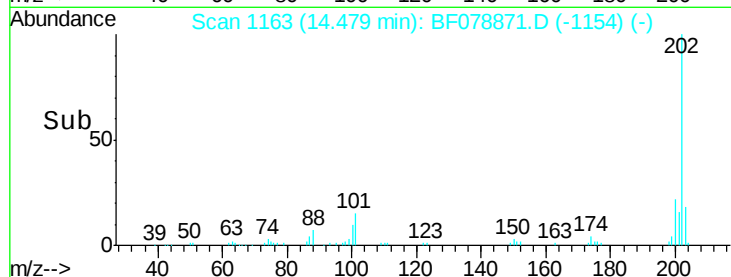
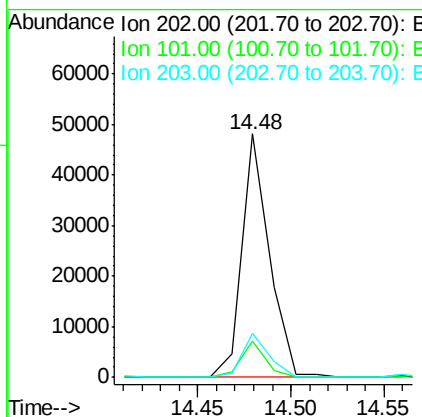
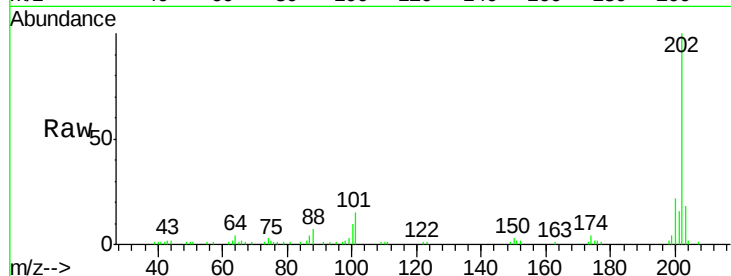
#74
 Fluoranthene
 Concen: 2.93 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF078871.D
 Acq: 1 May 2015 2:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-57D

Tot Ion	Ratio	Resp	Lower	Upper
202	100	49166		
101	14.9	0.0	34.6	
203	18.1	0.0	38.4	

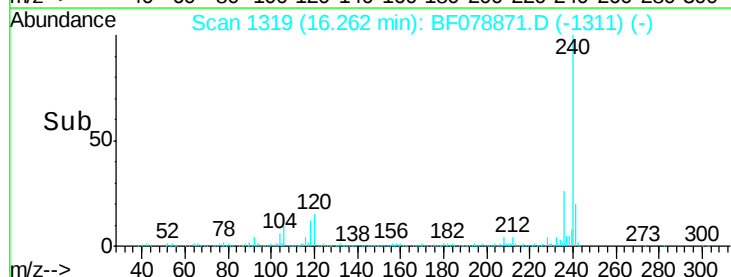
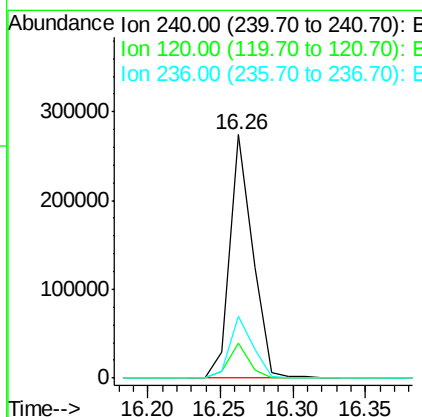
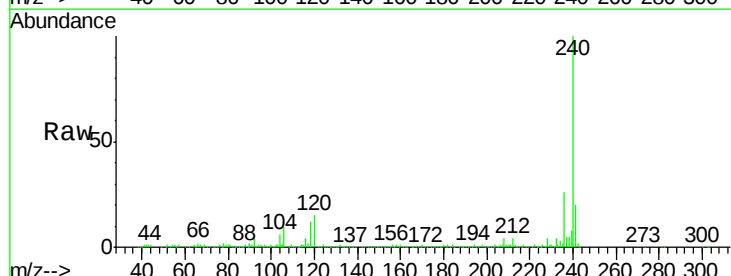
Manual Integrations
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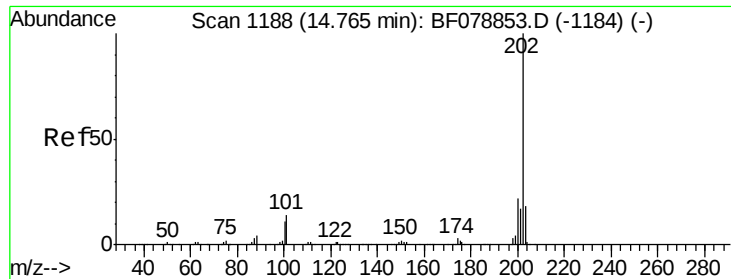
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF078871.D
 Acq: 1 May 2015 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	300124		
120	14.6	9.7	14.5#	
236	25.5	20.2	30.4	





#77

Pvrene

Concen: 3.25 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF078871.D

Acq: 1 May 2015 2:32

Instrument :

BNA_F

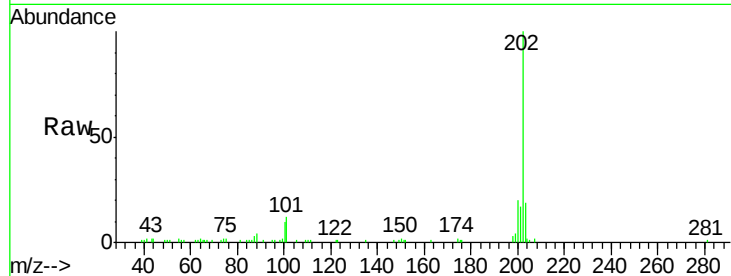
ClientSampleId :

SB-57D

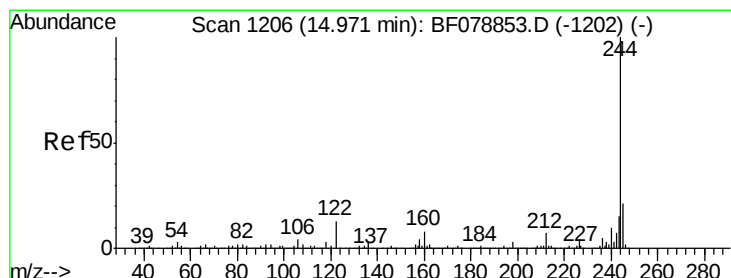
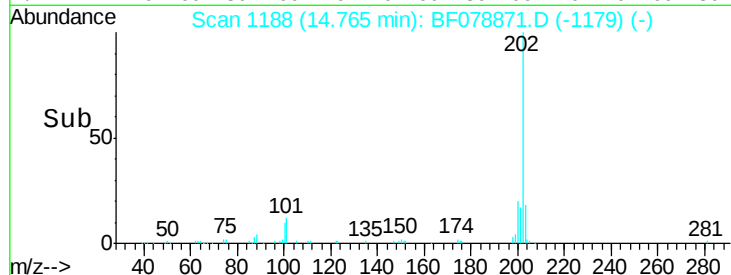
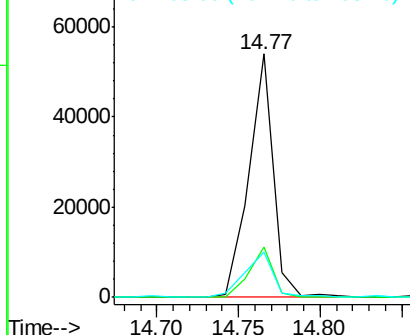
Tot Ion:	202	Resp:	56230
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.5	26.3
203	18.8	13.9	20.9

Manual Integrations
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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: 62.33 ng

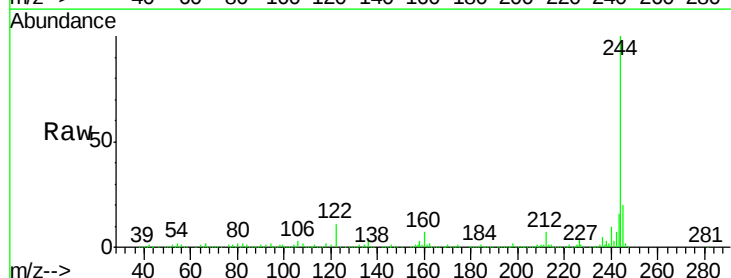
RT: 14.97 min Scan# 1206

Delta R.T. -0.00 min

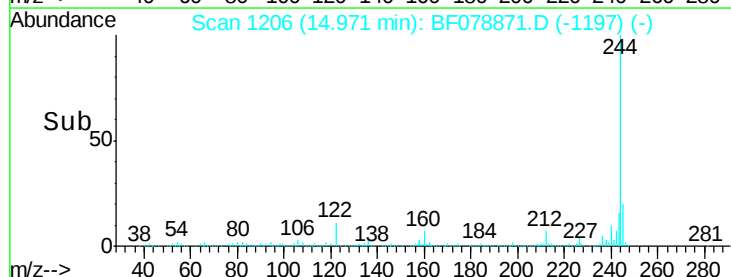
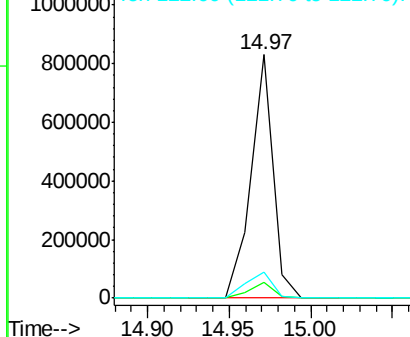
Lab File: BF078871.D

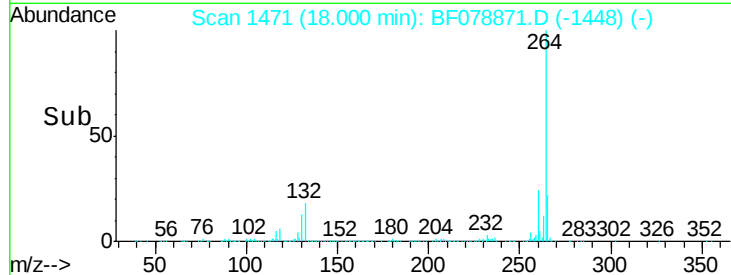
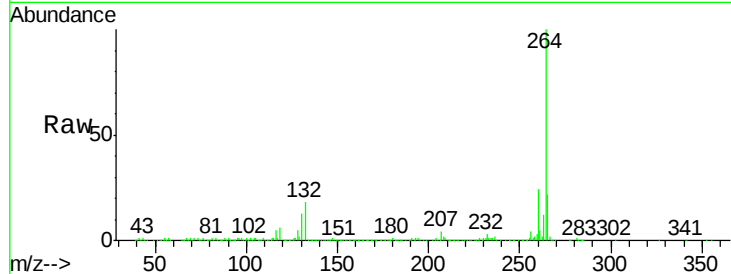
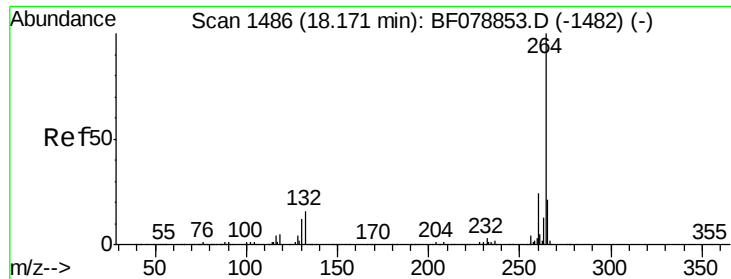
Acq: 1 May 2015 2:32

Tgt Ion:	244	Resp:	781381
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.6	8.4
122	10.9	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: 18.00 min Scan# 1471
Delta R.T. -0.03 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tot Ion:	264	Resp:	321892
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	21.8	18.3	27.5

Manual Integrations
APPROVED

apatel
5/1/2015 4:44:15 PM

