

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077529.D
 Acq On : 2 Mar 2015 18:27
 Operator : TP/IZ
 Sample : G1399-07
 Misc : S
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15

Manual Integrations
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Quant Time: Mar 03 05:52:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	100819	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	388849	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	191067	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	372471	20.00	ng	0.00
75) Chrysene-d12	16.14	240	411818	20.00	ng	0.00
86) Perylene-d12	17.87	264	382984	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	275483	45.62	ng	0.00
7) Phenol-d6	6.82	99	521444	67.16	ng	0.00
23) Nitrobenzene-d5	7.95	82	324521	51.90	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	36565	19.88	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	690712	56.37	ng	0.00
78) Terphenyl-d14	14.85	244	827353	46.97	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	10.84	152	36630	2.04	ng	99
49) Dimethylphthalate	10.69	163	32441	2.42	ng	99
54) Dibenzofuran	11.27	168	47672	2.88	ng	99
70) Phenanthrene	12.88	178	514258	23.82	ng	99
71) Anthracene	12.95	178	70244	3.28	ng	98
74) Fluoranthene	14.36	202	609776	25.86	ng	99
77) Pyrene	14.64	202	488763	19.40	ng	97
80) Benzo(a)anthracene	16.13	228	208242m	8.63	ng	
82) Chrysene	16.17	228	203165m	8.96	ng	
83) Bis(2-ethylhexyl)phthalate	16.19	149	469547	28.25	ng	98
85) Indeno(1,2,3-cd)pyrene	19.33	276	96899m	3.75	ng	
87) Benzo(b)fluoranthene	17.43	252	238756m	10.72	ng	
88) Benzo(k)fluoranthene	17.46	252	55268m	2.53	ng	
89) Benzo(a)pyrene	17.80	252	139977m	6.60	ng	
91) Benzo(g,h,i)perylene	19.76	276	92241	4.52	ng	95

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

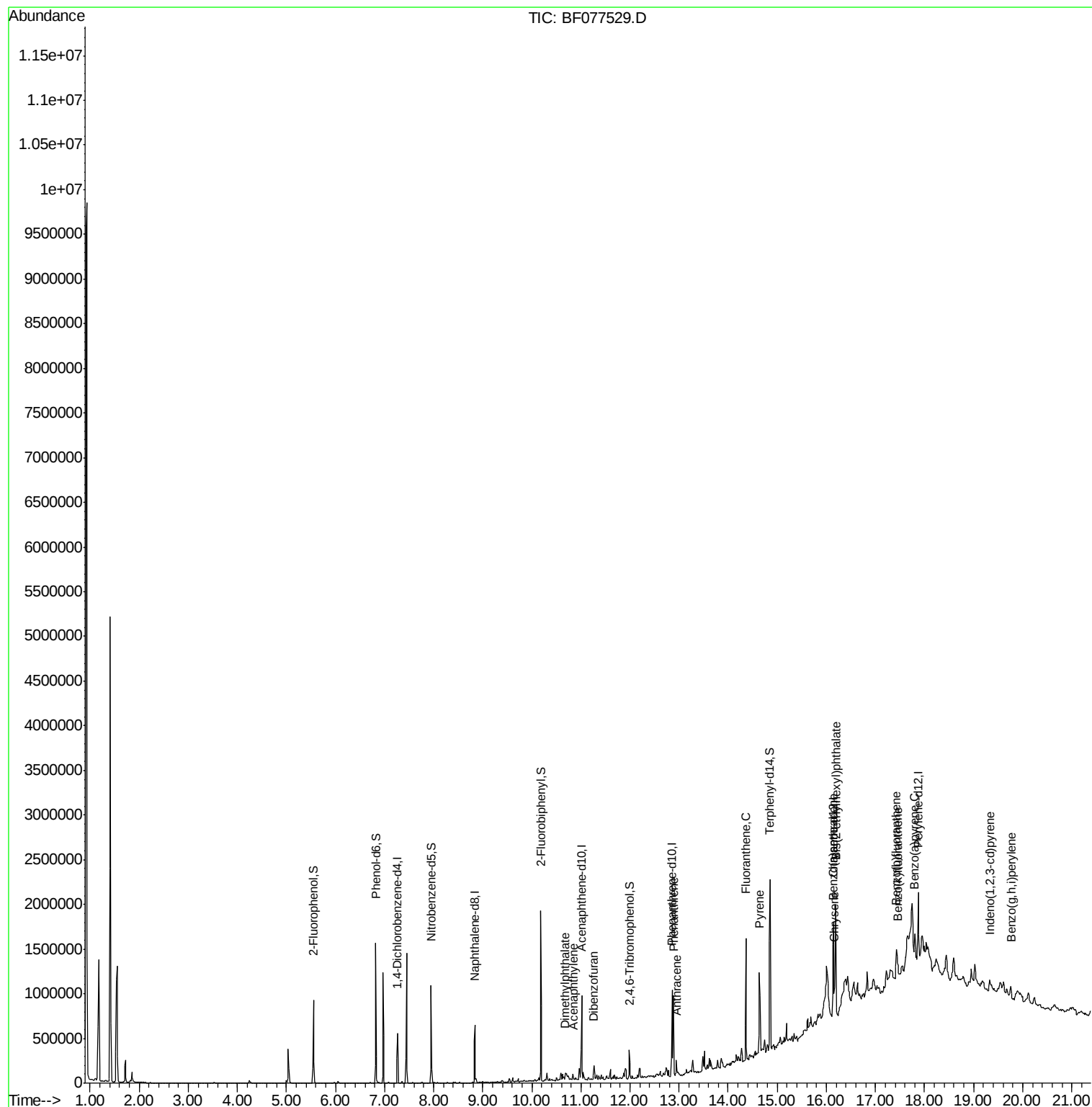
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
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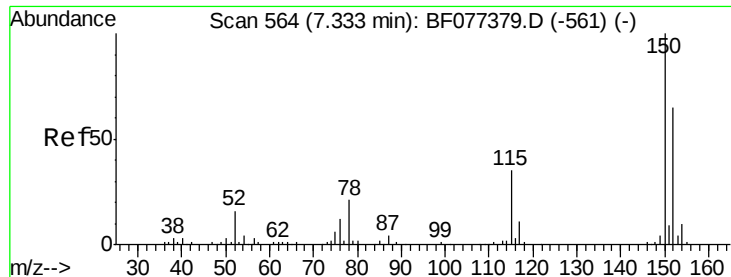
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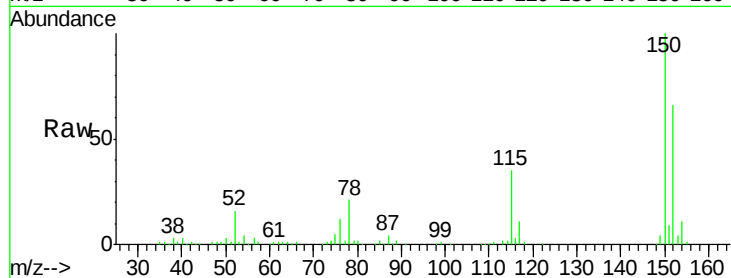




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

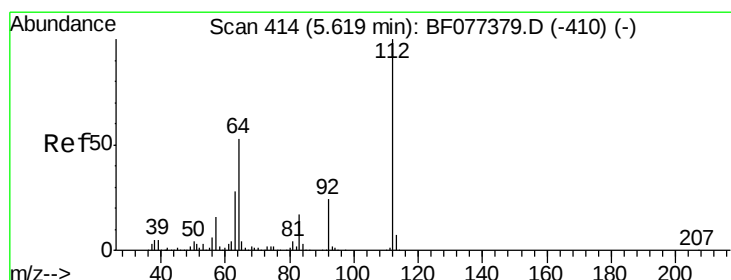
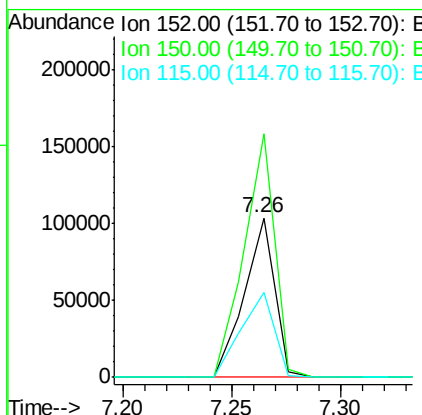
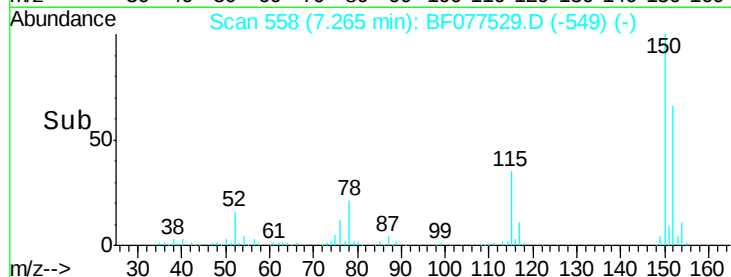
Instrument :
BNA_F
ClientSampled :
SB15



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	100819		
150	152.4	124.0	186.0	
115	53.1	49.4	74.2	

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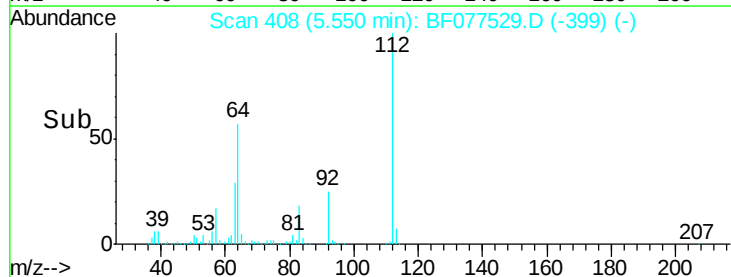
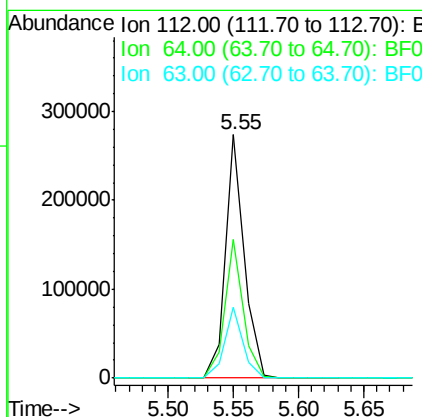
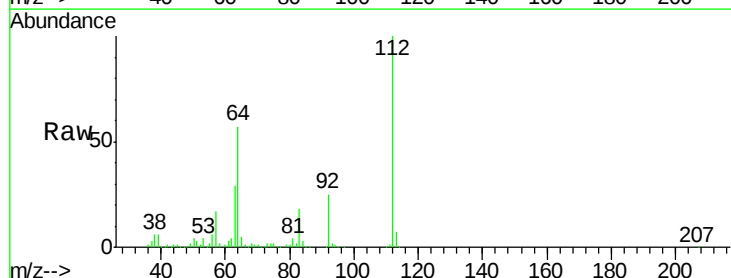
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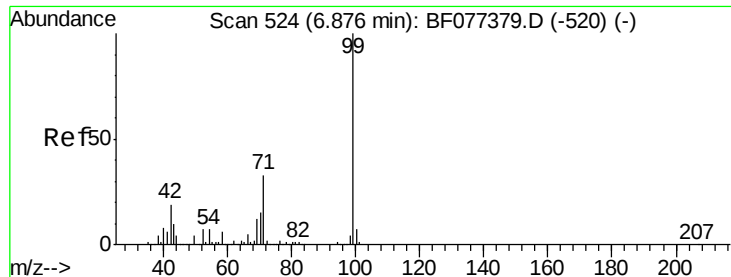


#5

2-Fluorophenol
Concen: 45.62 ng
RT: 5.55 min Scan# 408
Delta R.T. 0.01 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	275483		
64	57.1	48.5	72.7	
63	29.3	25.0	37.4	





#7

Phenol-d6

Concen: 67.16 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077529.D

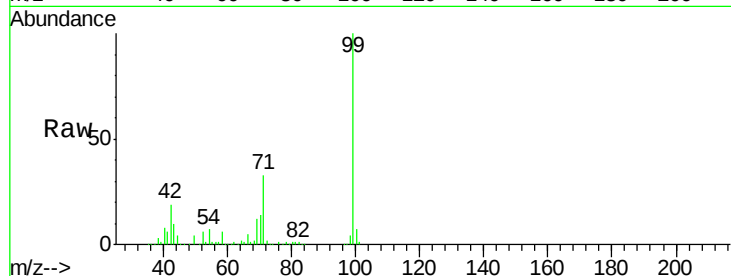
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Instrument :

BNA_F

ClientSampleId :

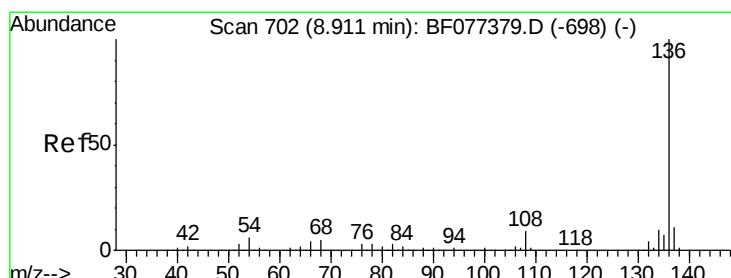
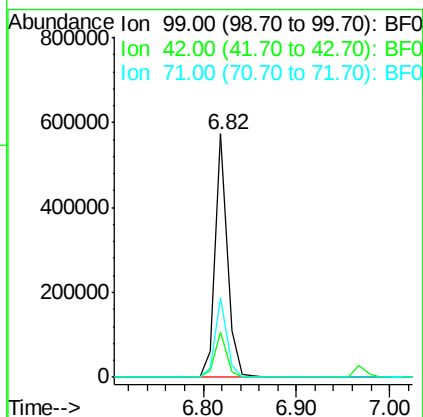
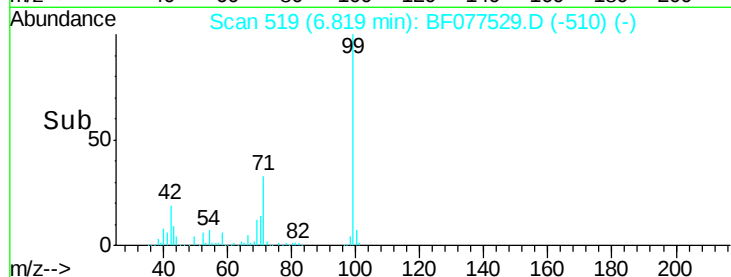
SB15



Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.2	24.4
71	32.9	26.7	40.1

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#21

Naphthalene-d8

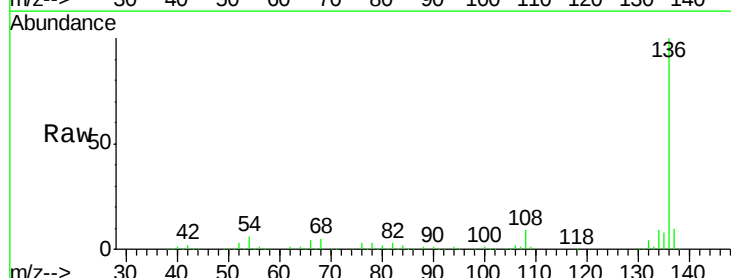
Concen: 20.00 ng

RT: 8.84 min Scan# 696

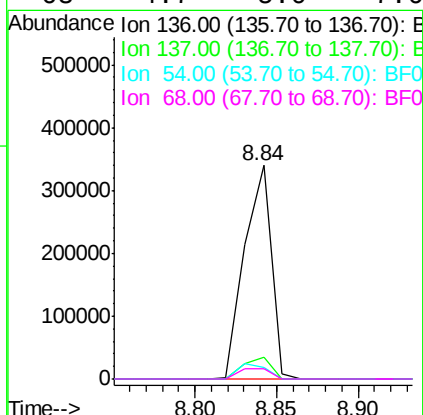
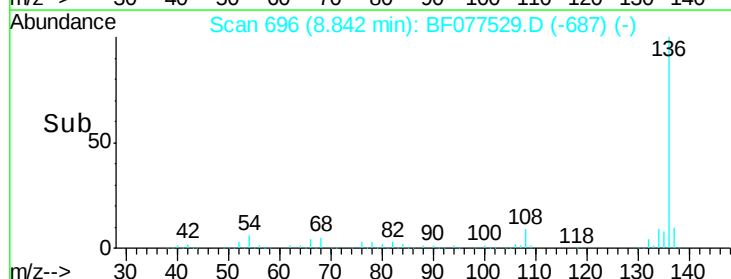
Delta R.T. 0.00 min

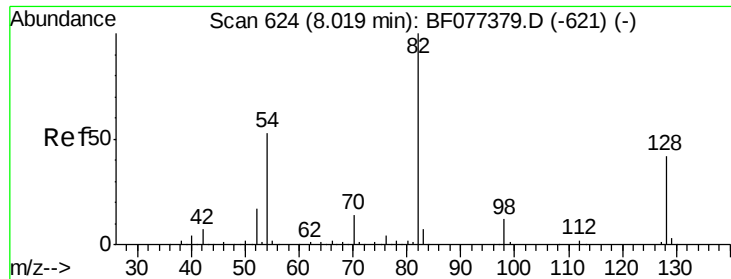
Lab File: BF077529.D

Acq: 2 Mar 2015 18:27



Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	5.6	6.2	9.4#
68	4.7	5.0	7.6#





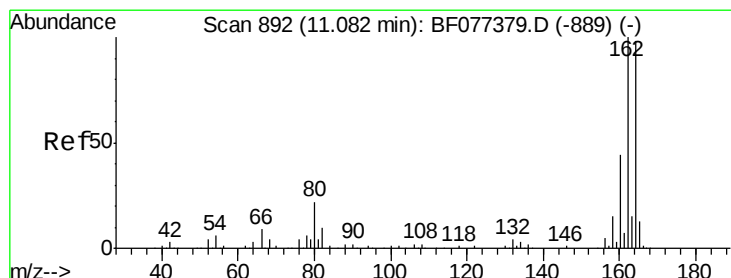
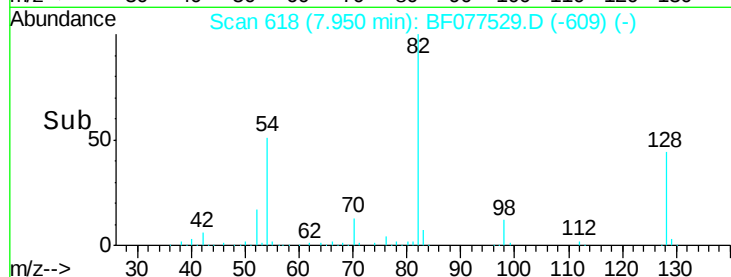
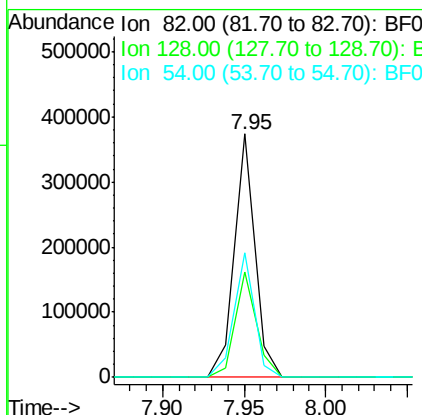
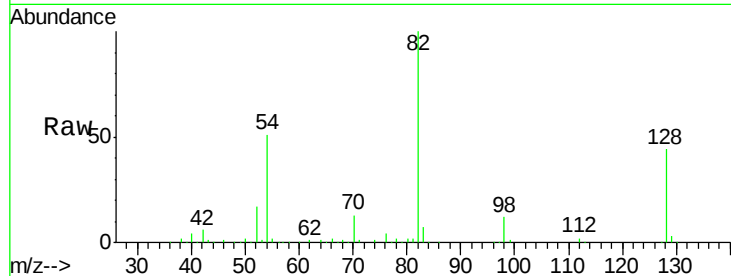
#23
Nitrobenzene-d5
Concen: 51.90 ng
RT: 7.95 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Instrument :
BNA_F
ClientSampled :
SB15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	43.8	65.8#
54	51.2	36.7	55.1

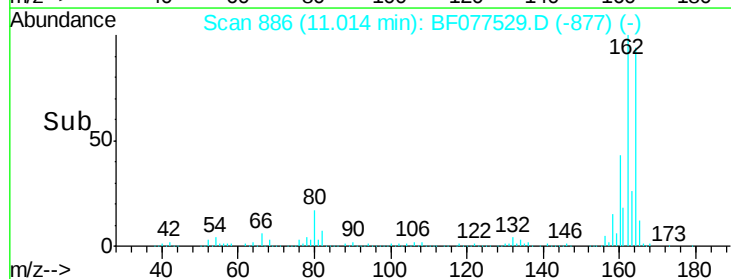
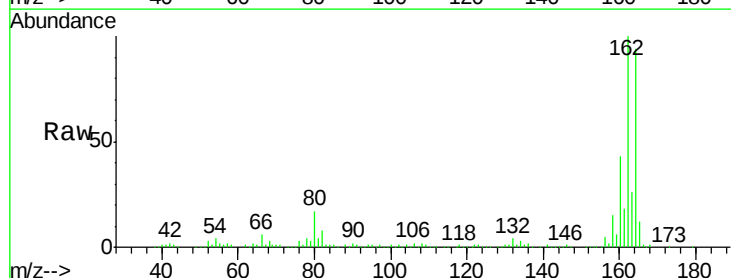
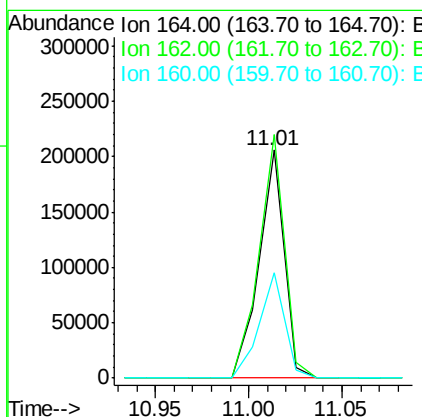
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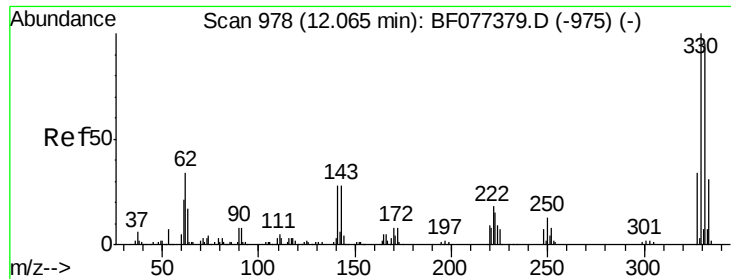
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.2	124.8
160	46.0	34.6	52.0





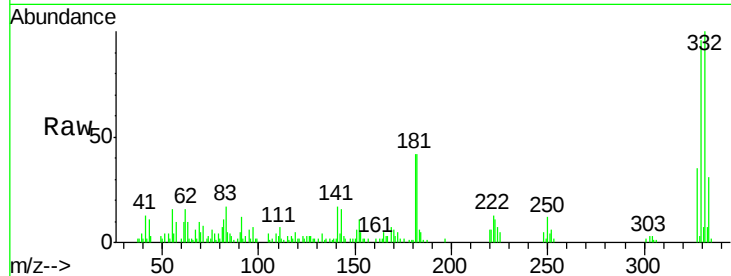
#41
 2,4,6-Tribromophenol
 Concen: 19.88 ng
 RT: 11.99 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF077529.D
 Acq: 2 Mar 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 SB15

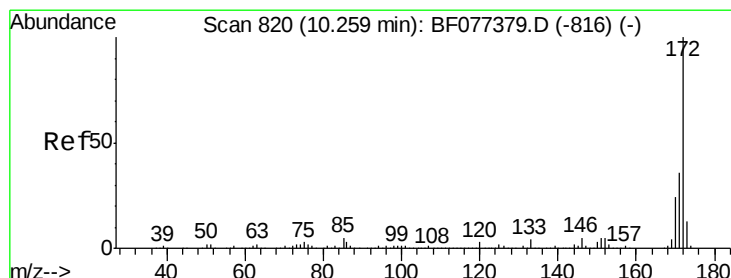
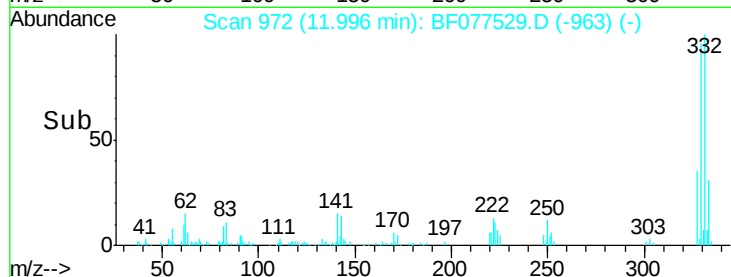
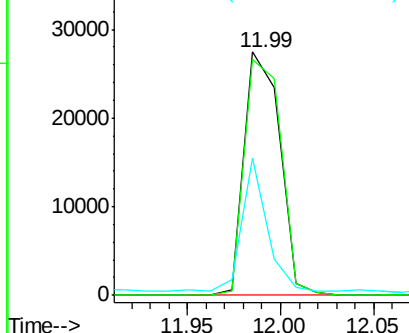
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	36565		
332	100.0	77.4	116.2	
141	39.1	28.8	43.2	

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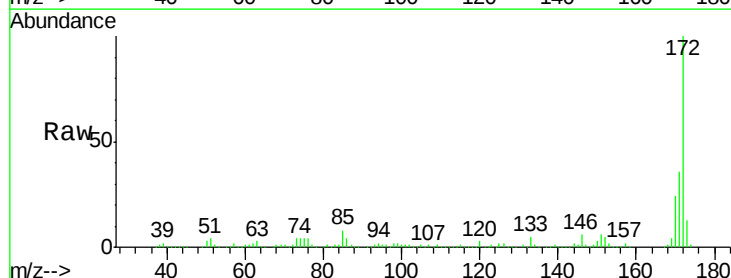


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

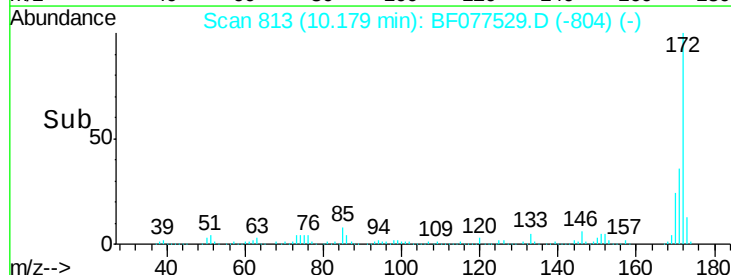
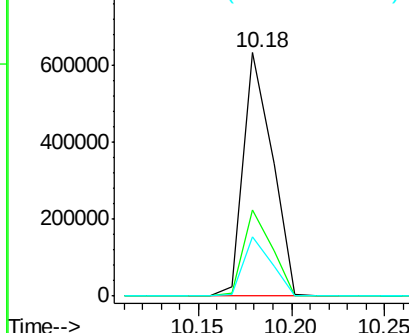


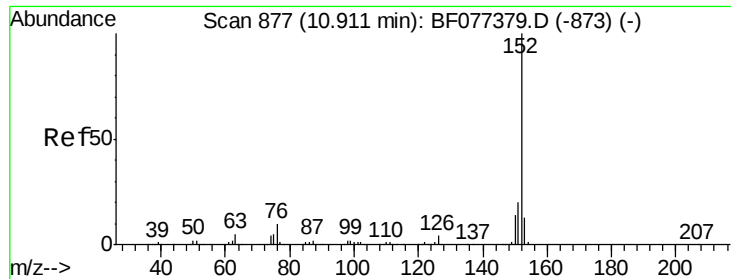
#44
 2-Fluorobiphenyl
 Concen: 56.37 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077529.D
 Acq: 2 Mar 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	690712		
171	35.6	28.9	43.3	
170	24.2	19.4	29.2	



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





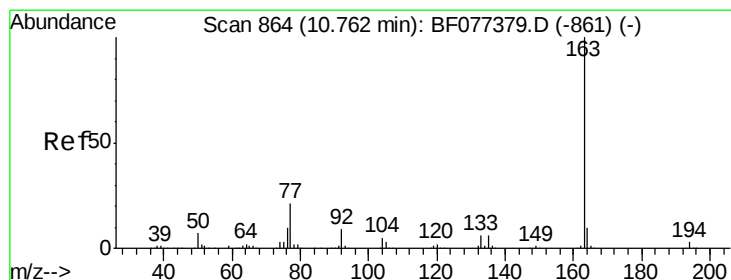
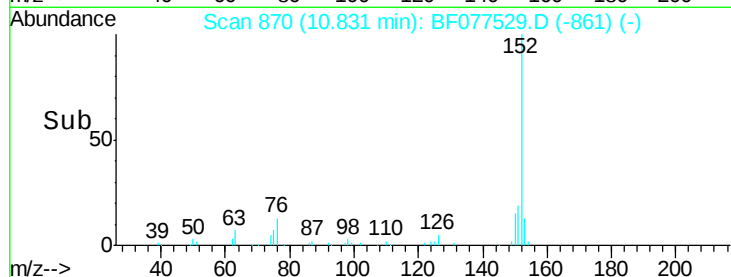
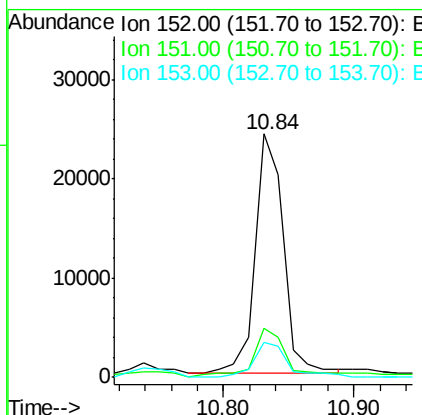
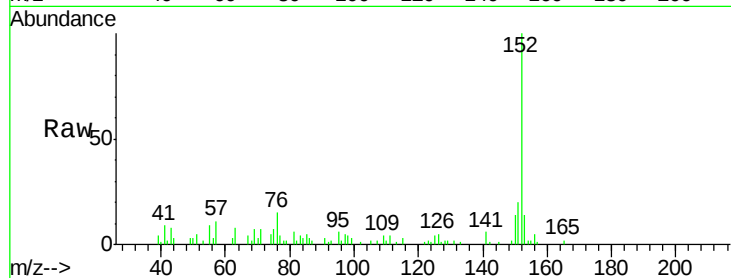
#48
Acenaphthylene
Concen: 2.04 ng
RT: 10.84 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	36630		
151	20.3		16.1	24.1
153	14.5		10.9	16.3

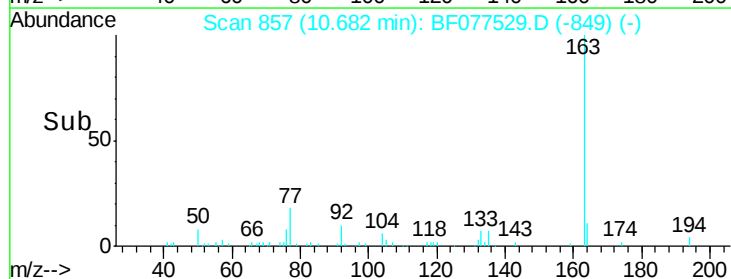
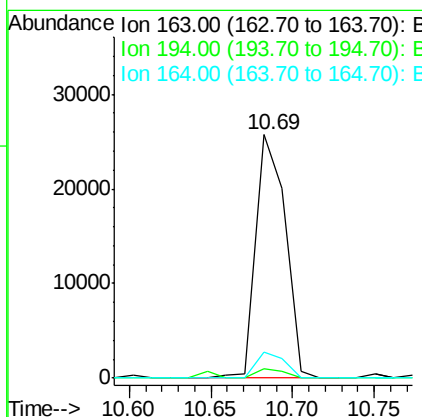
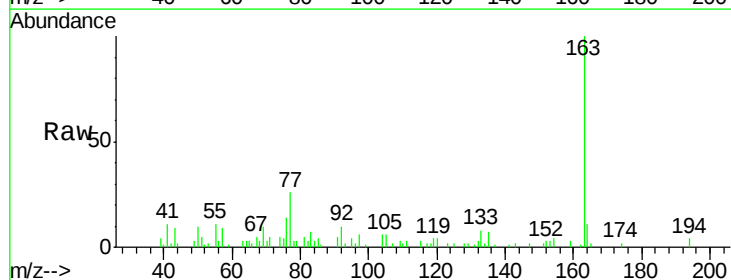
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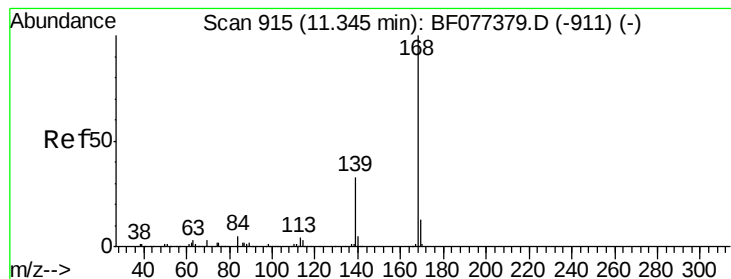
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#49
Dimethylphthalate
Concen: 2.42 ng
RT: 10.69 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	32441		
194	4.0		2.6	4.0
164	10.9		8.6	13.0





#54

Dibenzofuran

Concen: 2.88 ng

RT: 11.27 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF077529.D

Acq: 2 Mar 2015 18:27

Instrument :

BNA_F

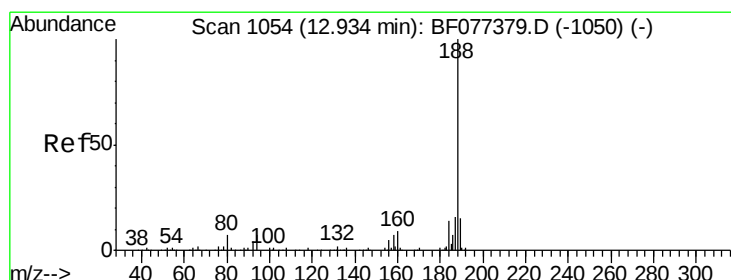
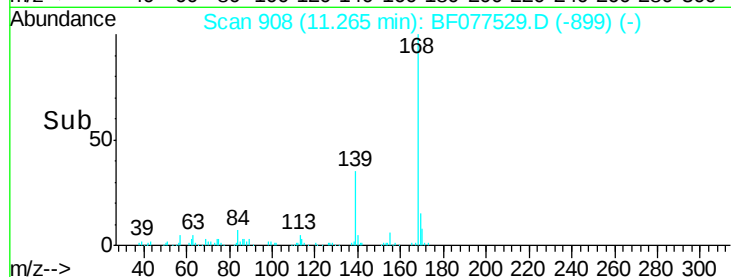
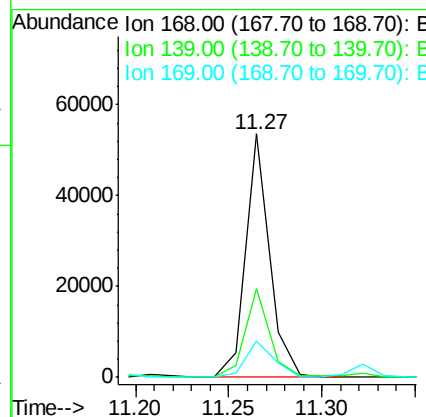
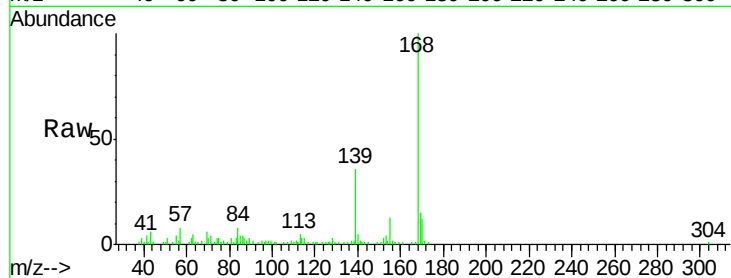
ClientSampleId :

SB15

Tgt Ion:	168	Resp:	47672
Ion Ratio	Lower	Upper	
168	100		
139	36.4	29.3	43.9
169	15.2	10.9	16.3

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#63

Phenanthrene-d10

Concen: 20.00 ng

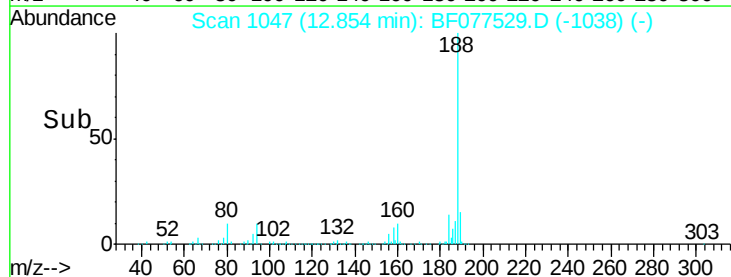
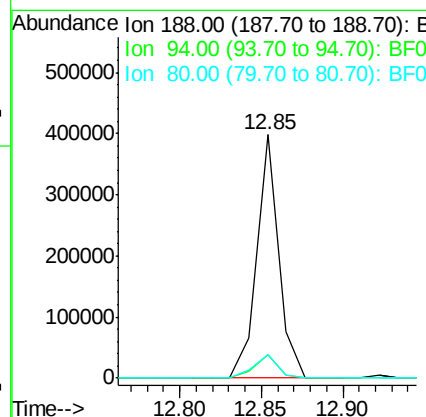
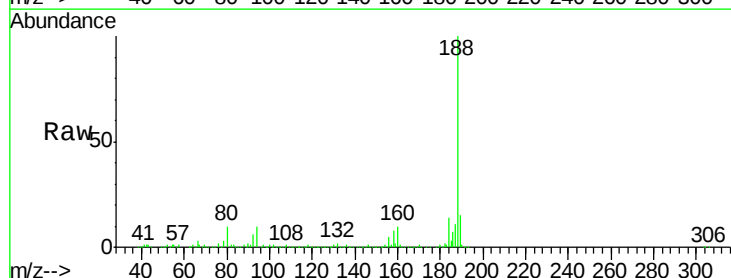
RT: 12.85 min Scan# 1047

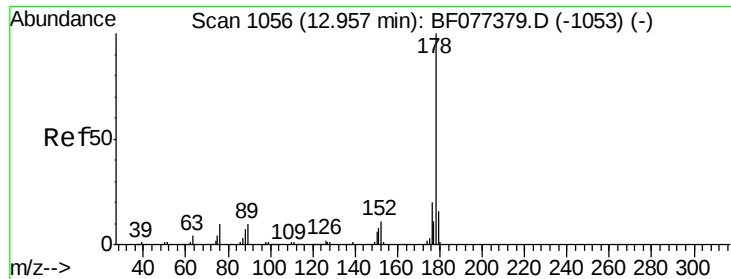
Delta R.T. 0.00 min

Lab File: BF077529.D

Acq: 2 Mar 2015 18:27

Tgt Ion:	188	Resp:	372471
Ion Ratio	Lower	Upper	
188	100		
94	9.8	7.4	11.2
80	9.9	8.0	12.0





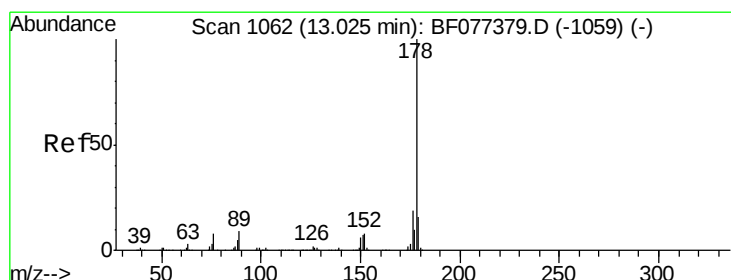
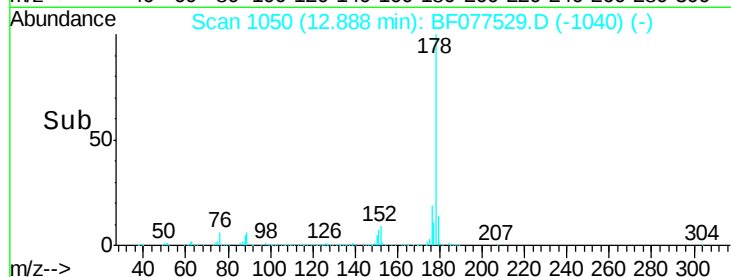
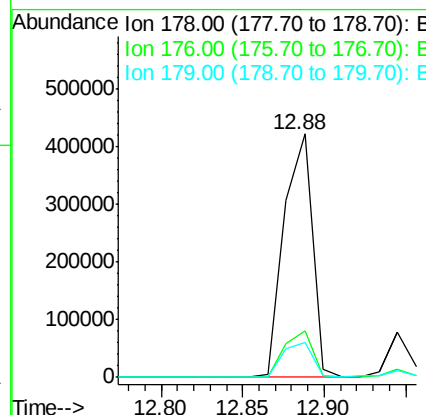
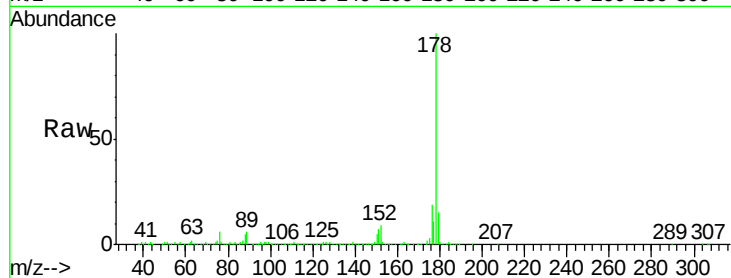
#70
Phenanthrene
Concen: 23.82 ng
RT: 12.88 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	14.6	12.2	18.2

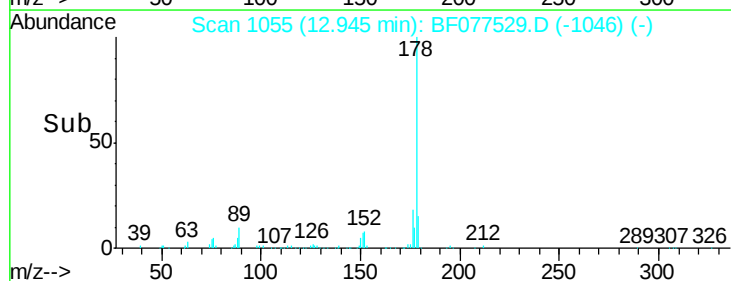
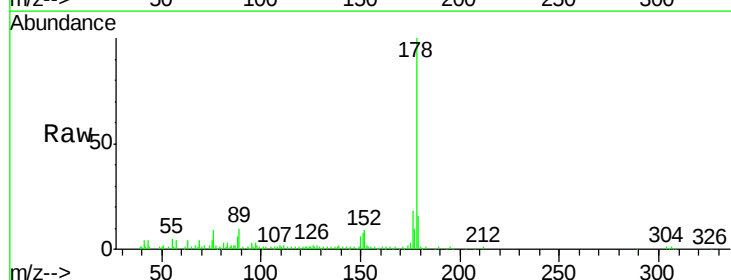
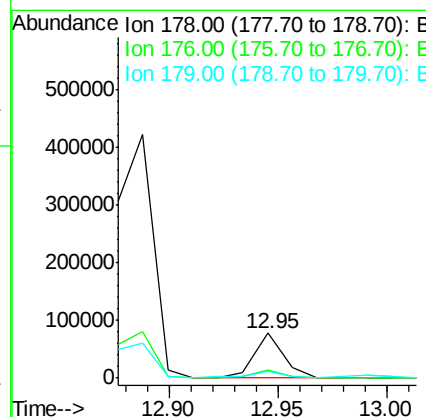
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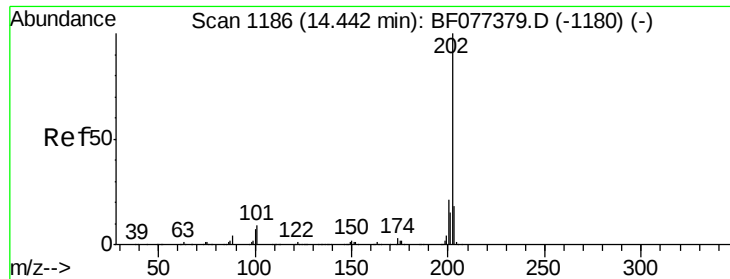
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#71
Anthracene
Concen: 3.28 ng
RT: 12.95 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.0
179	15.9	12.9	19.3





#74

Fluoranthene

Concen: 25.86 ng

RT: 14.36 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF077529.D

Acq: 2 Mar 2015 18:27

Instrument :

BNA_F

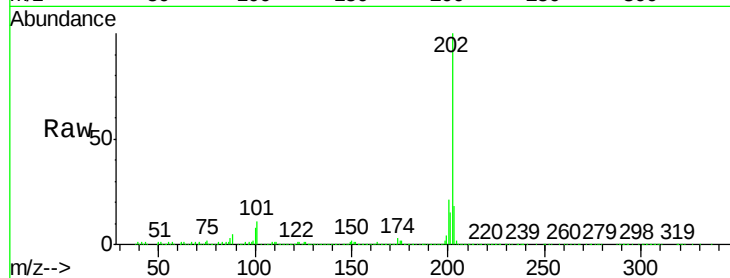
ClientSampleId :

SB15

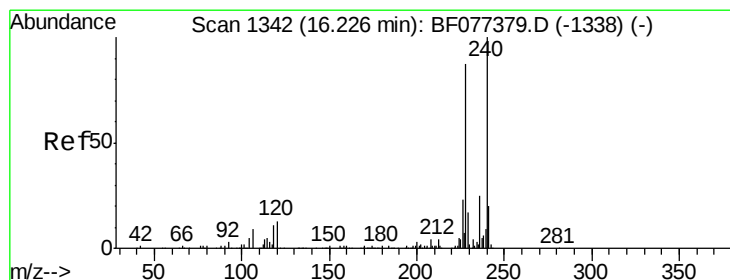
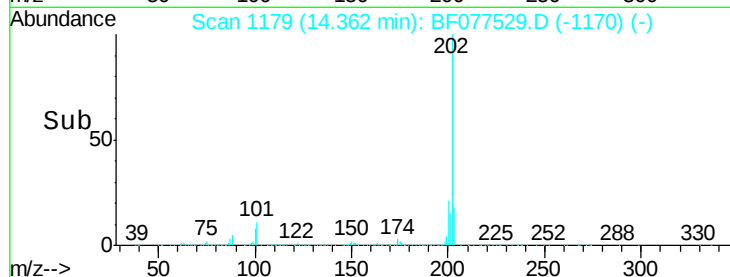
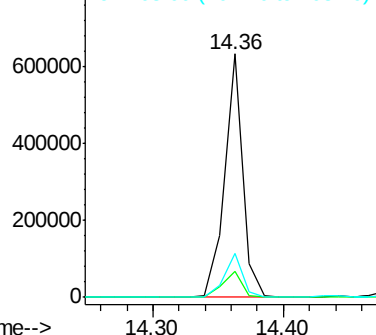
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		609776		
101	10.7	0.0	30.8		
203	18.1	0.0	37.7		

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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

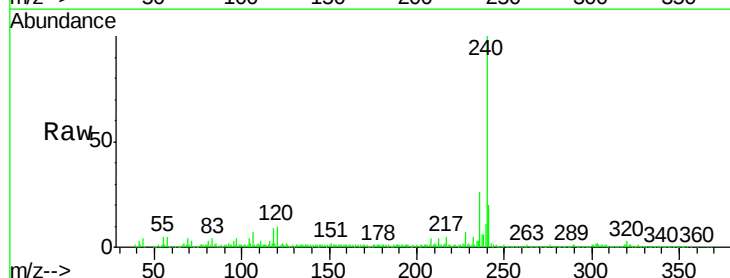
RT: 16.14 min Scan# 1335

Delta R.T. 0.01 min

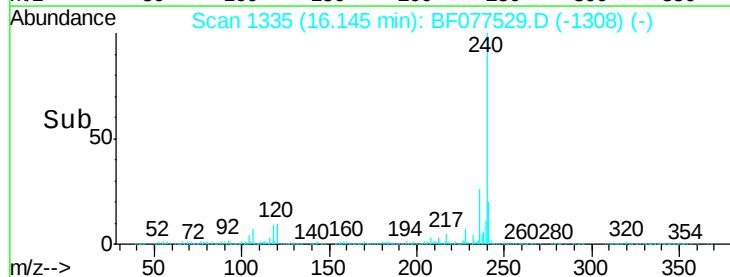
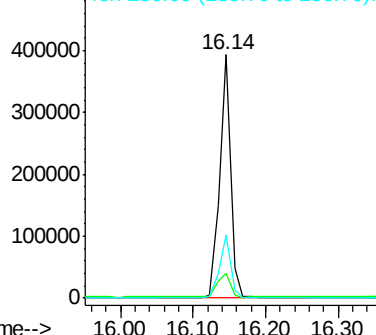
Lab File: BF077529.D

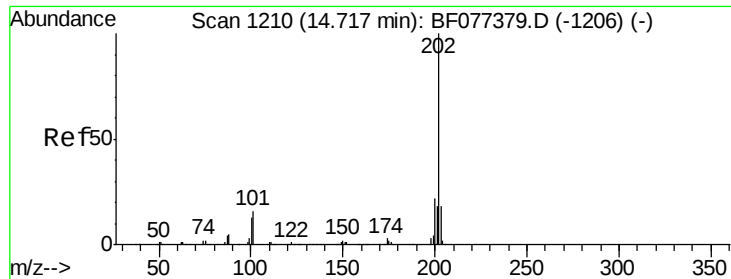
Acq: 2 Mar 2015 18:27

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		411818		
120	10.1	8.8	13.2		
236	26.2	20.7	31.1		



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





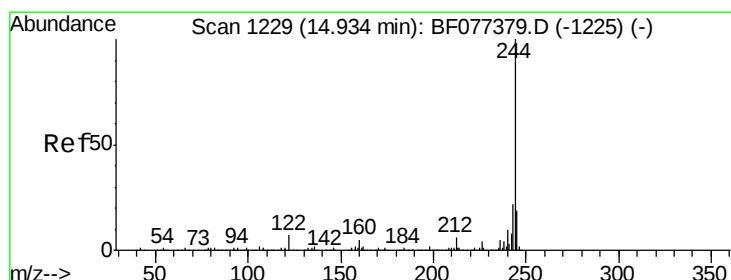
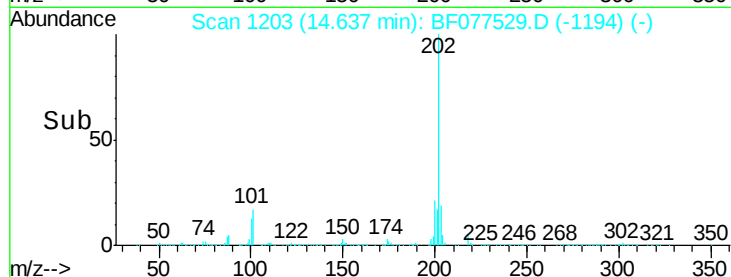
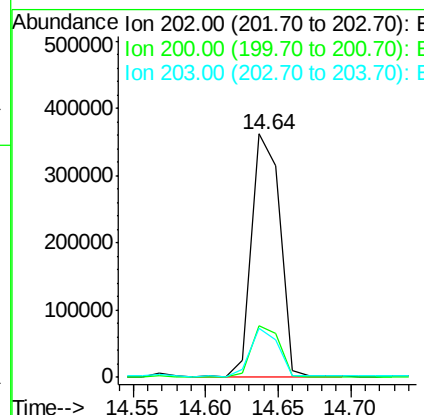
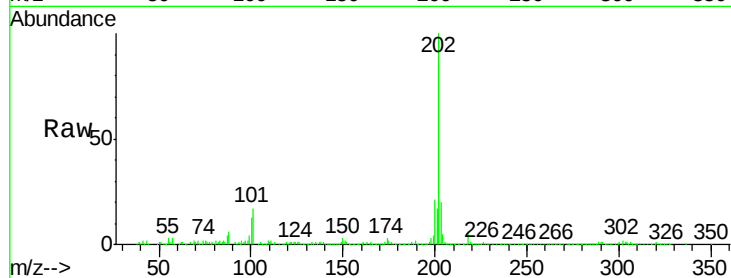
#77
 Pyrene
 Concen: 19.40 ng
 RT: 14.64 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF077529.D
 Acq: 2 Mar 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 SB15

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.0	17.1	25.7
203	20.4	14.2	21.2

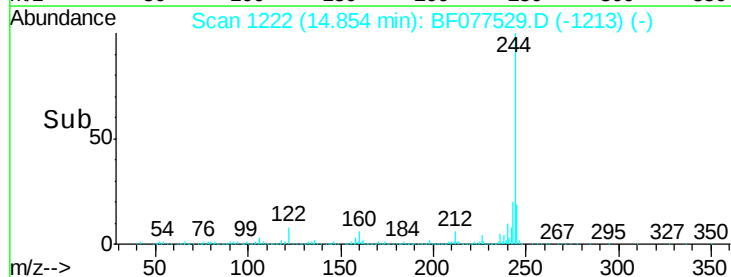
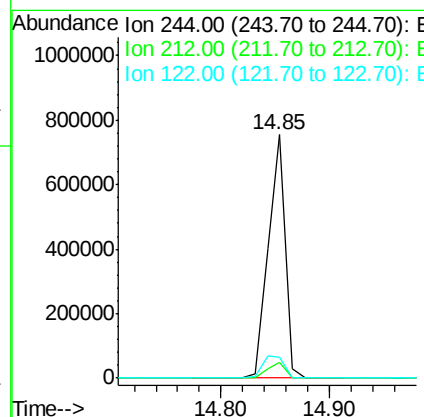
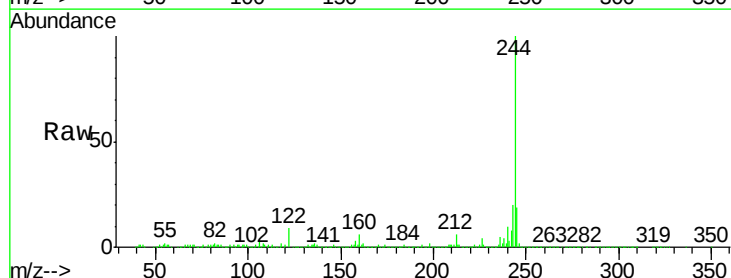
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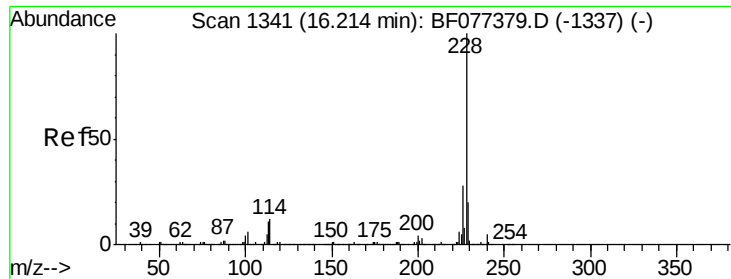
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#78
 Terphenyl-d14
 Concen: 46.97 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077529.D
 Acq: 2 Mar 2015 18:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	5.2	7.8
122	8.5	7.8	11.8





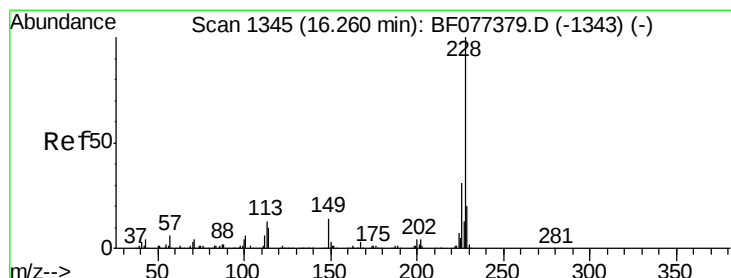
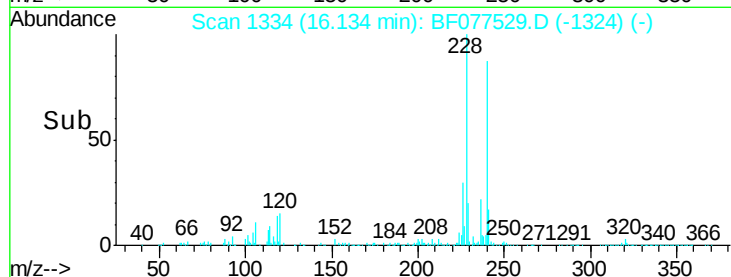
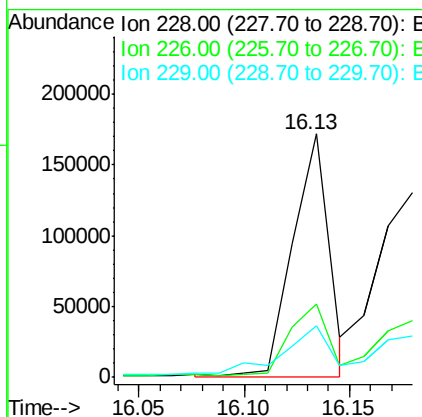
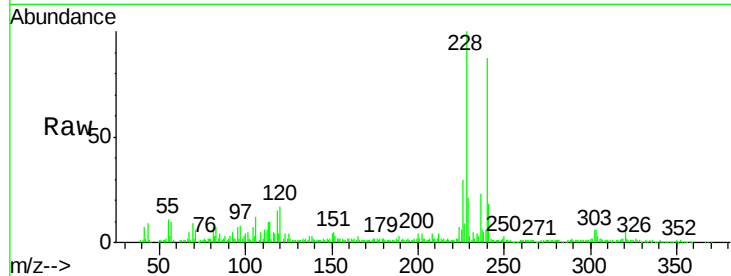
#80
Benzo(a)anthracene
Concen: 8.63 ng m
RT: 16.13 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.0	33.0
229	21.4	15.8	23.8

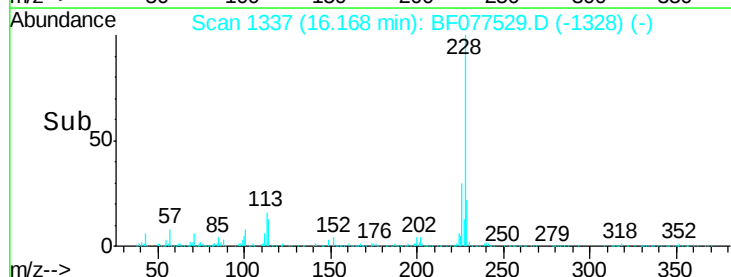
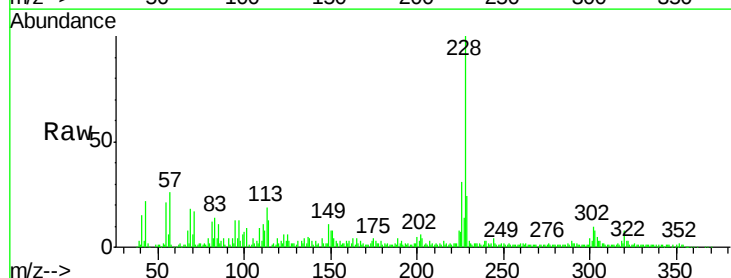
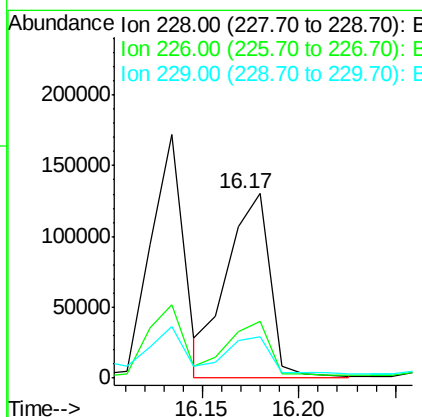
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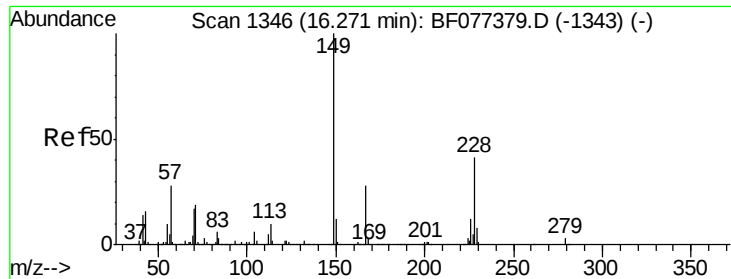
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#82
Chrysene
Concen: 8.96 ng m
RT: 16.17 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	24.4	16.4	24.6





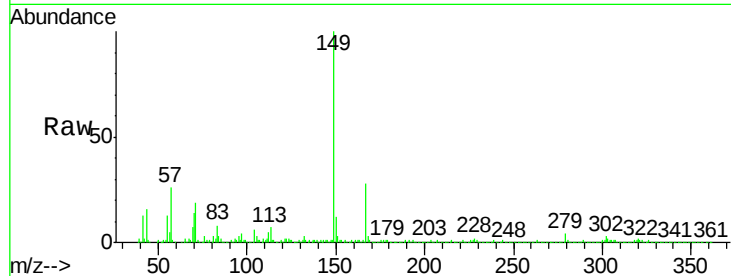
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.25 ng
 RT: 16.19 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF077529.D
 Acq: 2 Mar 2015 18:27

Instrument :
 BNA_F
 ClientSampled :
 SB15

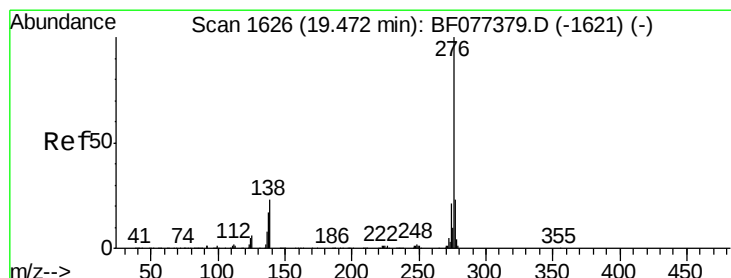
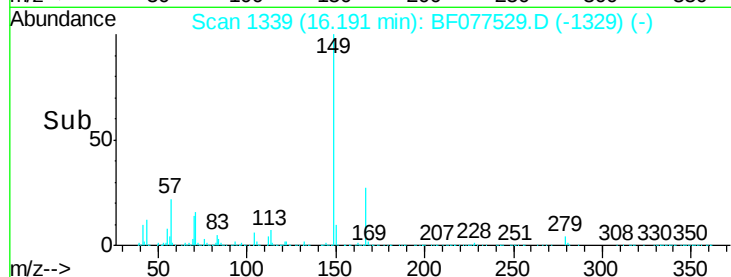
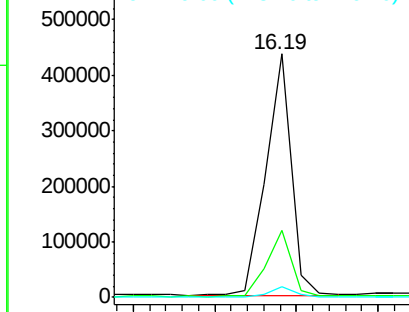
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	469547		
167	27.5	22.8	34.2	
279	4.2	3.8	5.6	

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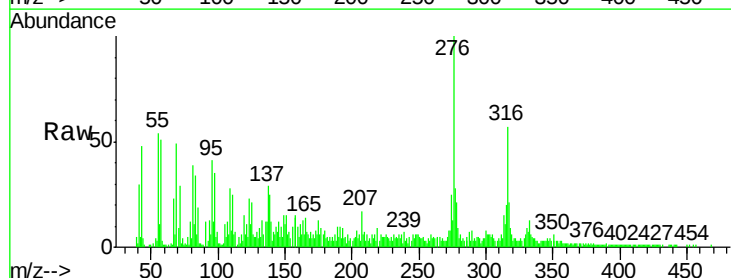


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

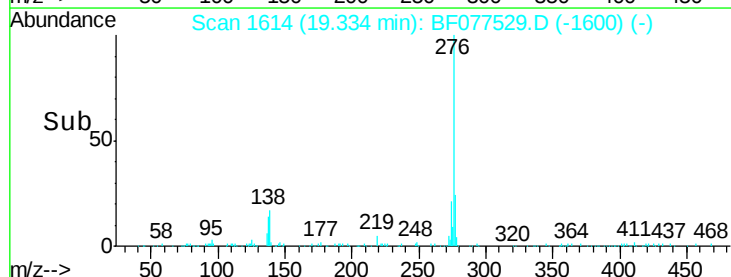
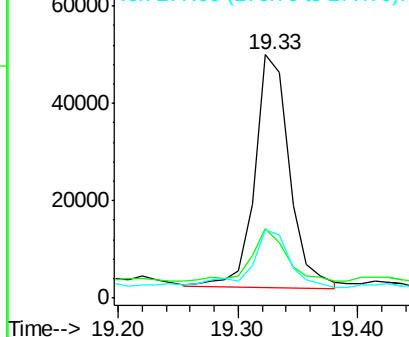


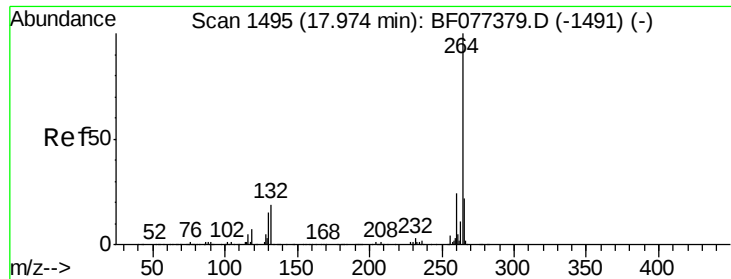
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.75 ng m
 RT: 19.33 min Scan# 1614
 Delta R.T. 0.06 min
 Lab File: BF077529.D
 Acq: 2 Mar 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	96899		
138	20.4	21.2	31.8#	
277	23.0	20.0	30.0	



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E





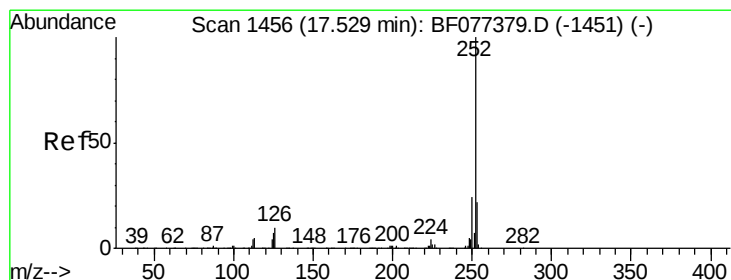
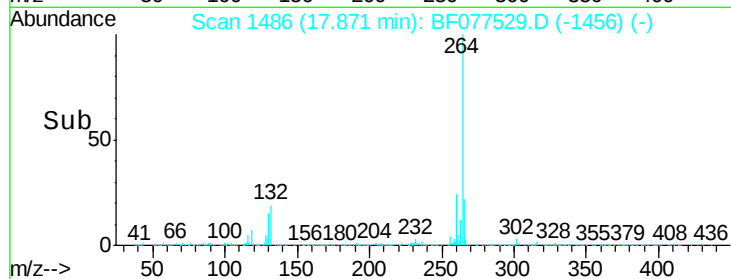
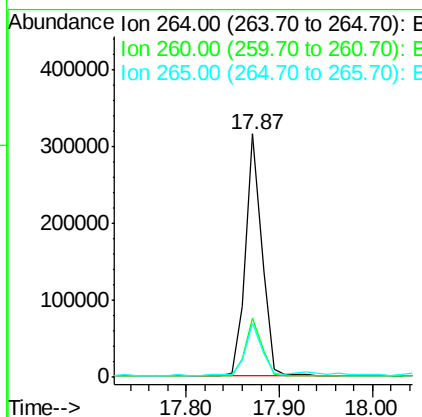
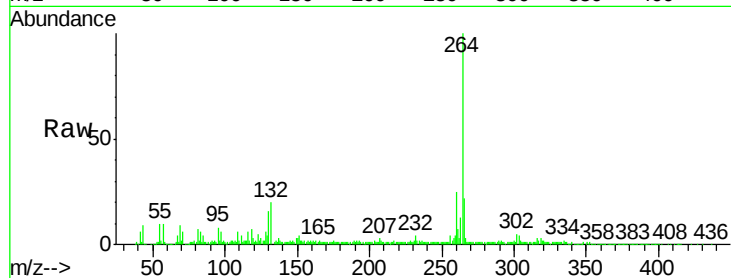
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1486
Delta R.T. 0.04 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	382984		
260	24.5	19.3	28.9	
265	22.2	16.8	25.2	

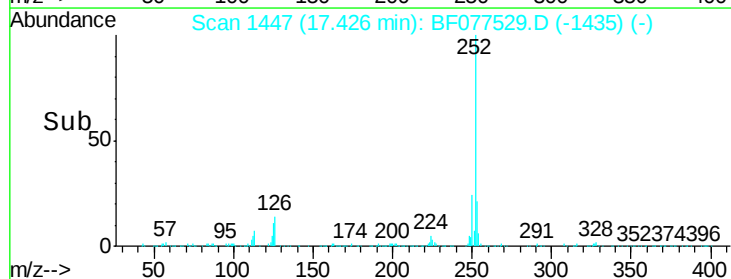
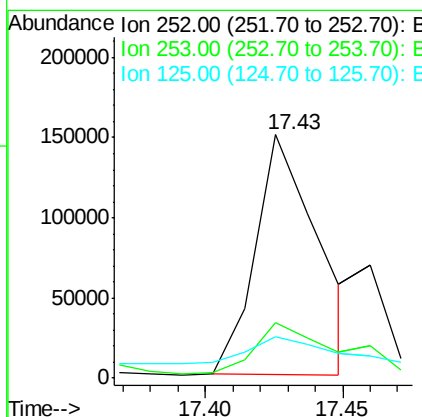
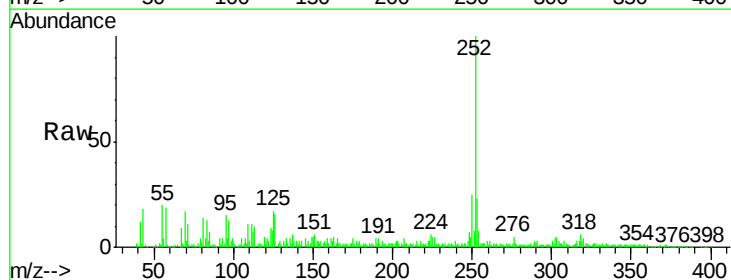
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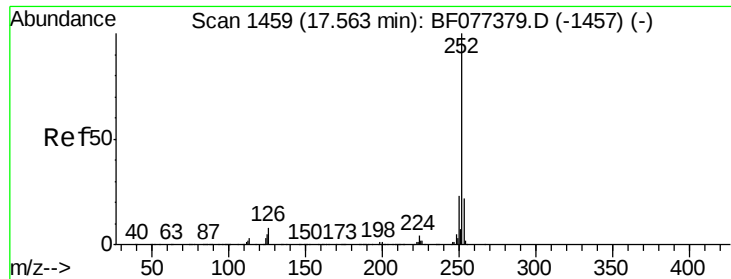
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#87
Benzo(b)fluoranthene
Concen: 10.72 ng m
RT: 17.43 min Scan# 1447
Delta R.T. 0.03 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	238756		
253	22.9	17.6	26.4	
125	16.9	5.4	8.2#	





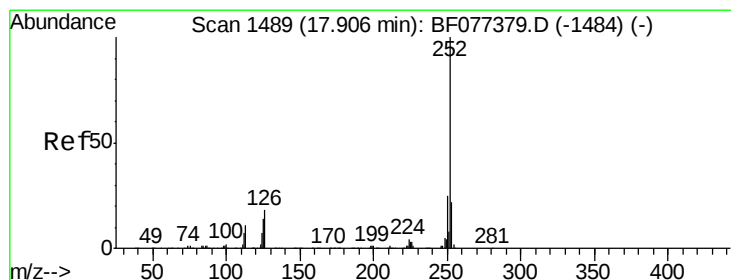
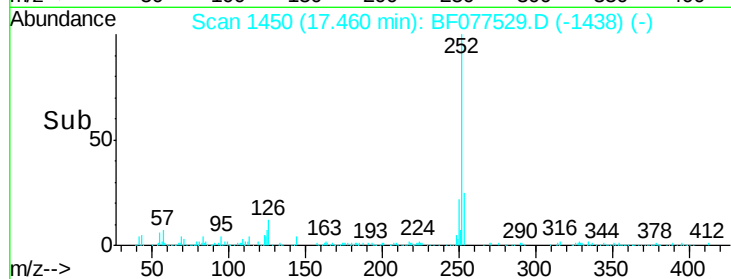
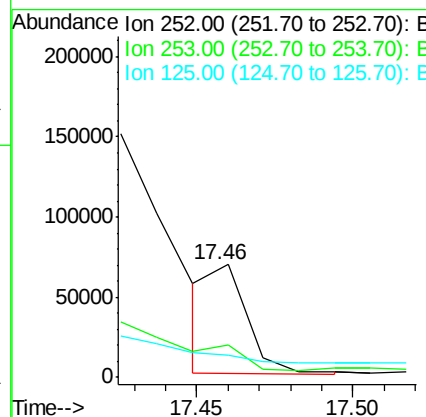
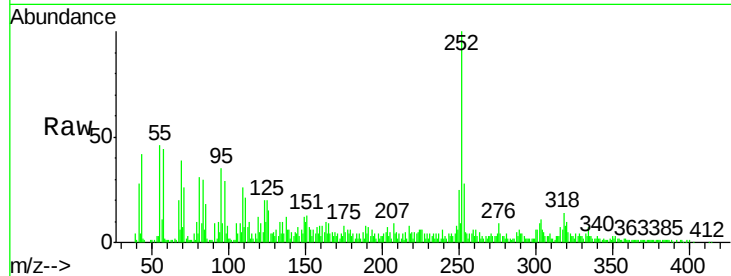
#88
Benzo(k)fluoranthene
Concen: 2.53 ng m
RT: 17.46 min Scan# 1450
Delta R.T. 0.03 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Instrument :
BNA_F
ClientSampled :
SB15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.1	27.1#
125	20.2	10.1	15.1#

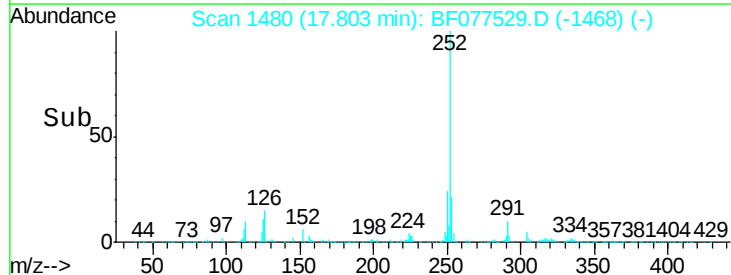
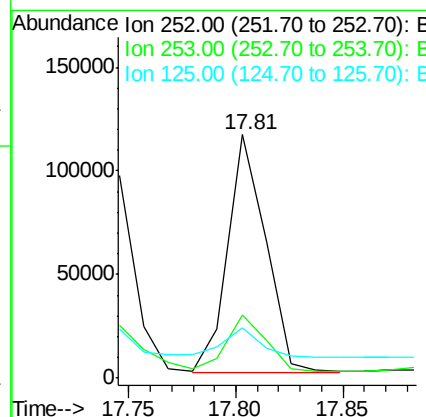
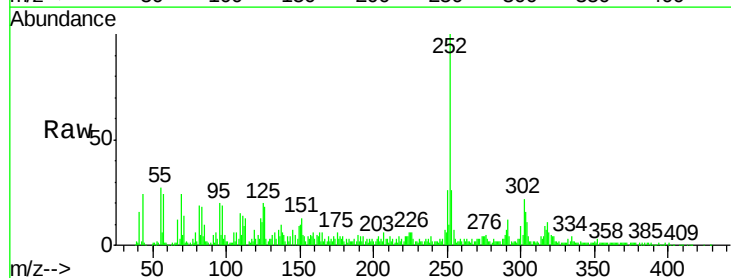
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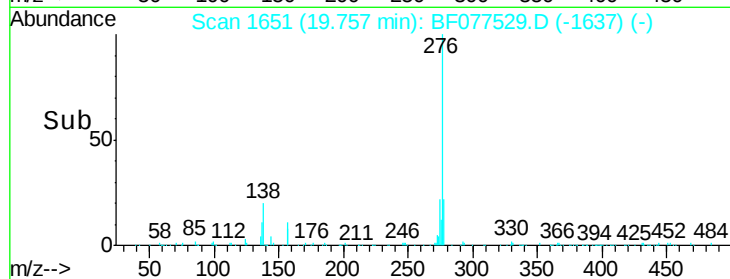
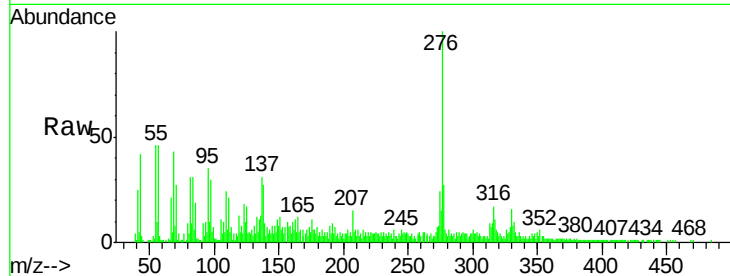
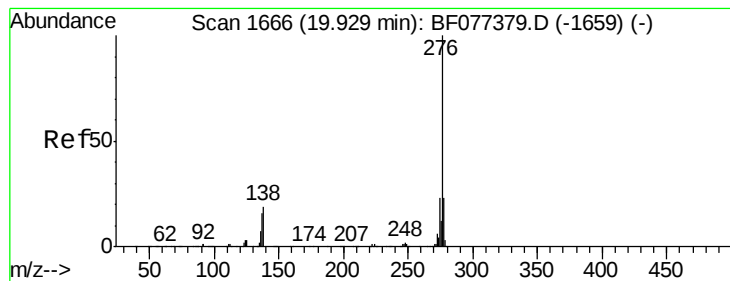
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#89
Benzo(a)pyrene
Concen: 6.60 ng m
RT: 17.80 min Scan# 1480
Delta R.T. 0.04 min
Lab File: BF077529.D
Acq: 2 Mar 2015 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.2	27.2
125	20.5	8.3	12.5#





#91

Benzo(g,h,i)perylene

Concen: 4.52 ng

RT: 19.76 min Scan# 1651

Delta R.T. 0.06 min

Lab File: BF077529.D

Acq: 2 Mar 2015 18:27

Instrument :

BNA_F

ClientSampleId :

SB15

Tgt Ion: 276 Resp: 92241

Ion Ratio Lower Upper

276 100

277 26.8 18.9 28.3

138 27.1 20.5 30.7

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