

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077605.D
 Acq On : 5 Mar 2015 4:59
 Operator : TP/IZ
 Sample : G1424-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB19

Manual Integrations
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Quant Time: Mar 05 06:59:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 21:51:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	66309	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	272852	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	130500	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	258555	20.00	ng	0.00
75) Chrysene-d12	16.10	240	282202	20.00	ng	0.00
86) Perylene-d12	17.83	264	278501	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	444793	111.98	ng	0.00
7) Phenol-d6	6.79	99	538841	105.51	ng	0.00
23) Nitrobenzene-d5	7.91	82	346907	79.06	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	138598	110.30	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	627735	75.00	ng	0.00
78) Terphenyl-d14	14.81	244	679668	56.30	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.80	94	12374	2.04	ng	99
49) Dimethylphthalate	10.65	163	52993	5.78	ng	97
70) Phenanthrene	12.84	178	120446	8.04	ng	99
73) Di-n-butylphthalate	13.57	149	137217	8.26	ng	98
74) Fluoranthene	14.32	202	178578	10.91	ng	99
77) Pyrene	14.60	202	163003	9.44	ng	98
80) Benzo(a)anthracene	16.09	228	79533m	4.81	ng	
82) Chrysene	16.12	228	79689m	5.13	ng	
83) Bis(2-ethylhexyl)phthalate	16.15	149	28455	2.50	ng	# 99
85) Indeno(1,2,3-cd)pyrene	19.25	276	40909	2.31	ng	99
87) Benzo(b)fluoranthene	17.39	252	96864m	5.98	ng	
89) Benzo(a)pyrene	17.76	252	63840	4.14	ng	# 95
91) Benzo(g,h,i)perylene	19.67	276	40248	2.71	ng	95

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

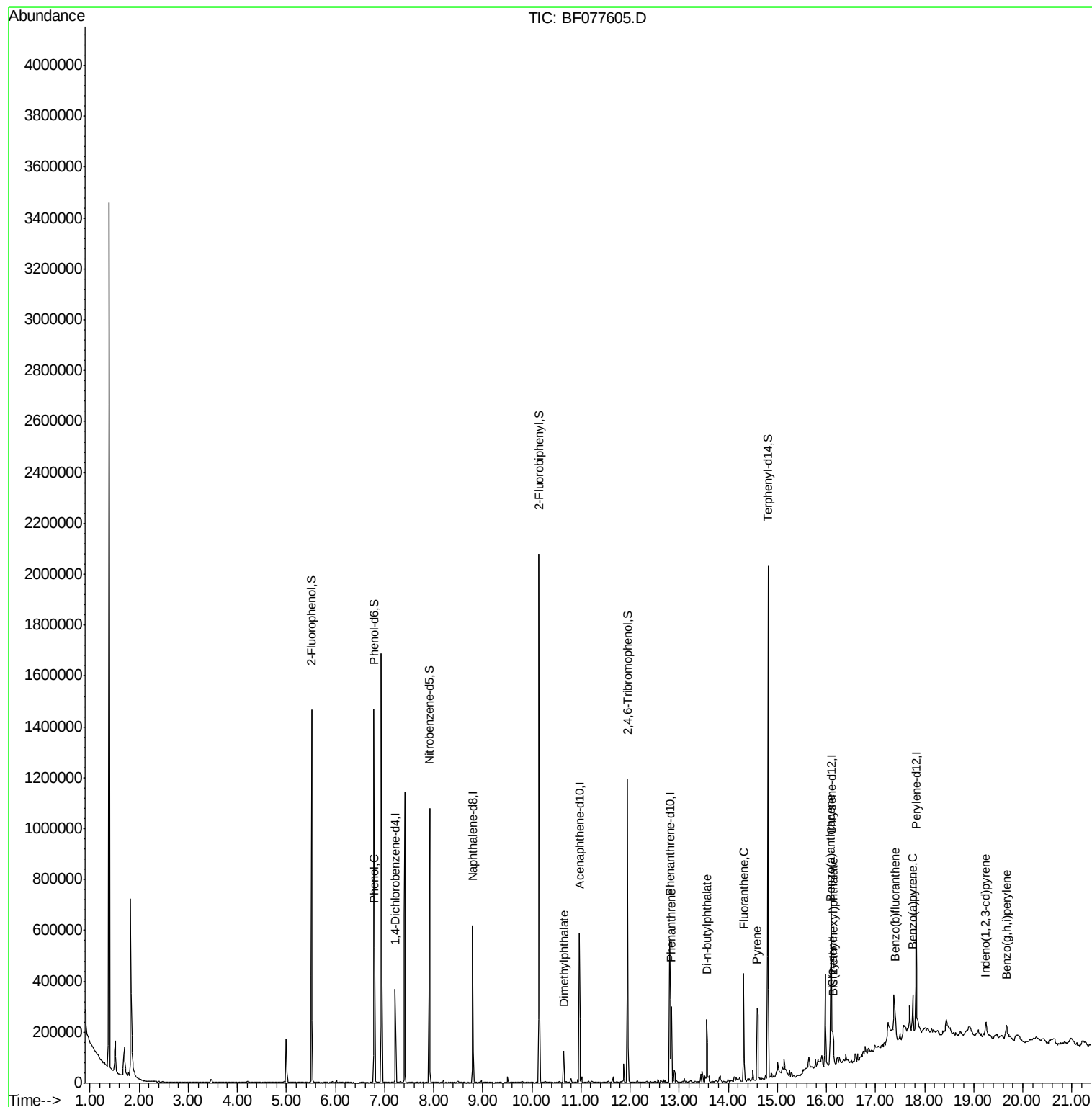
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077605.D
Acq On : 5 Mar 2015 4:59
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ALS Vial : 24 Sample Multiplier: 1

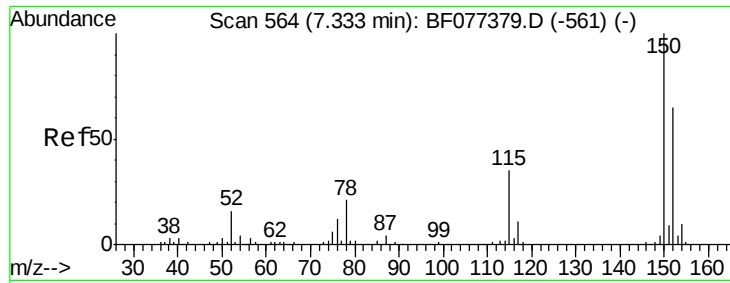
Instrument :
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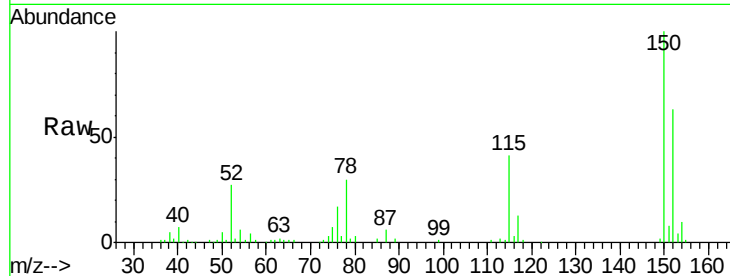
Quant Time: Mar 05 06:59:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF077605.D
 Acq: 5 Mar 2015 4:59

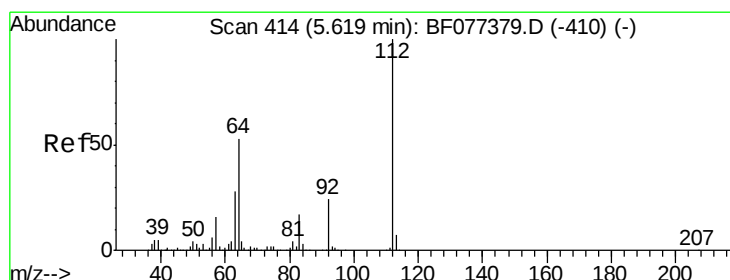
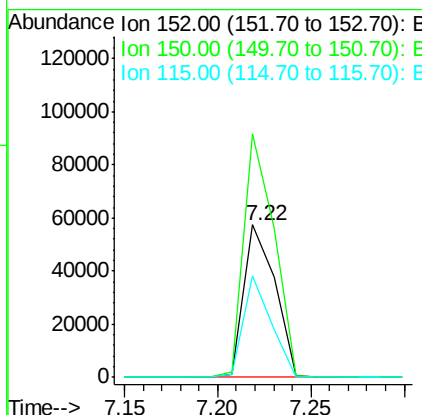
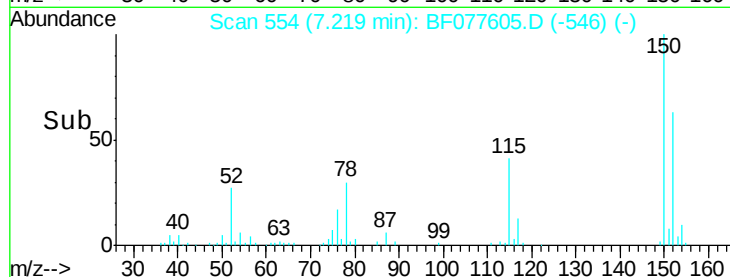
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.0	186.0
115	66.4	49.4	74.2

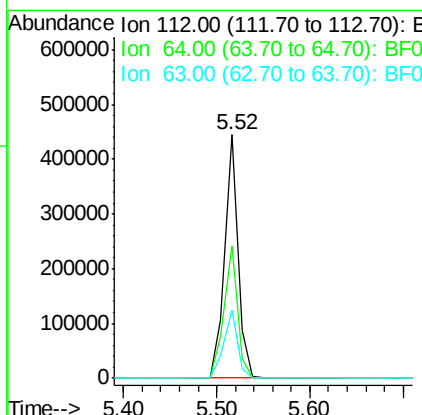
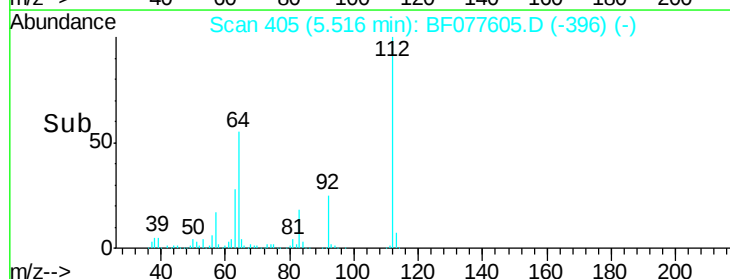
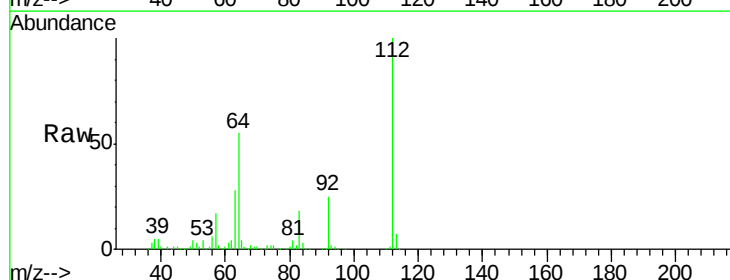
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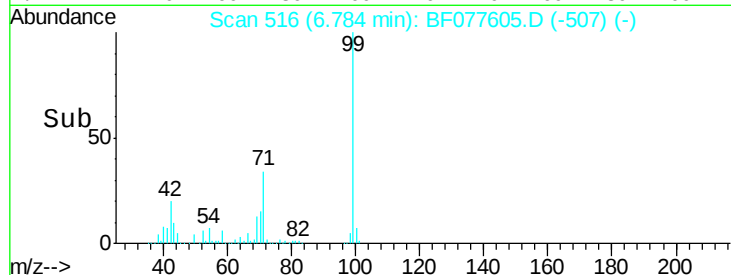
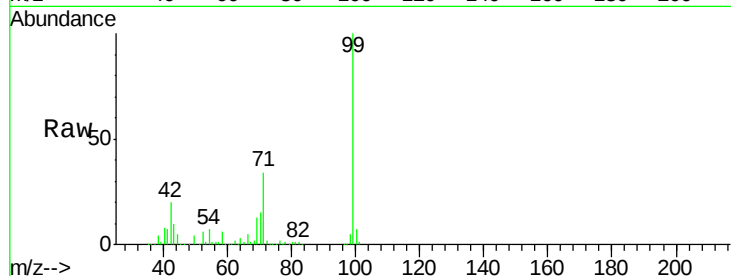
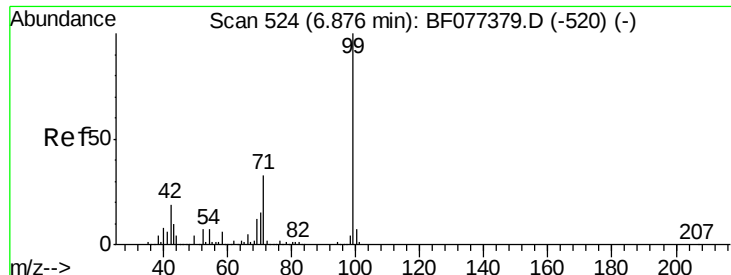
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#5
 2-Fluorophenol
 Concen: 111.98 ng
 RT: 5.52 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF077605.D
 Acq: 5 Mar 2015 4:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	48.5	72.7
63	28.1	25.0	37.4





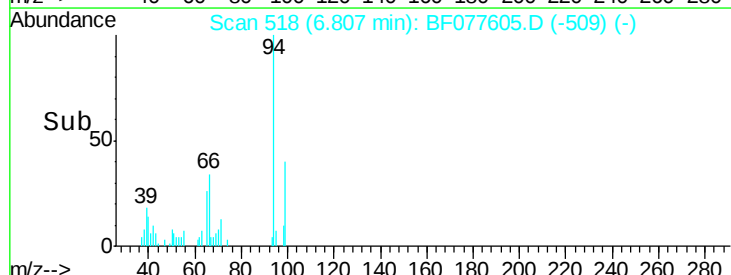
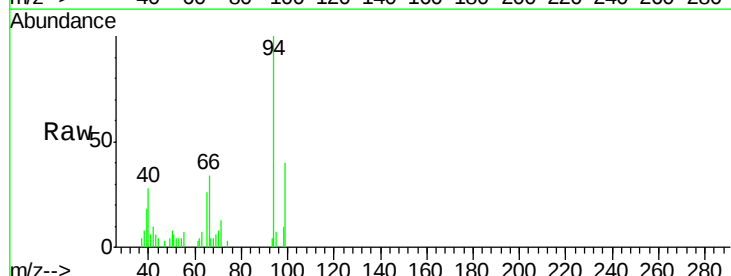
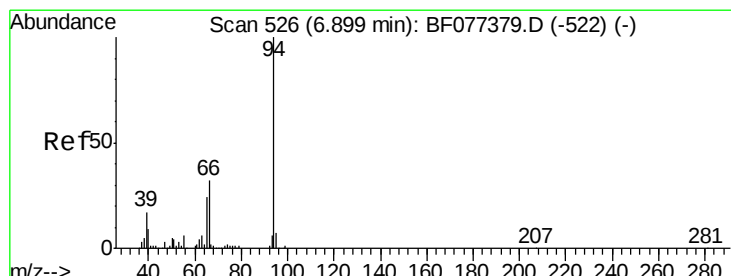
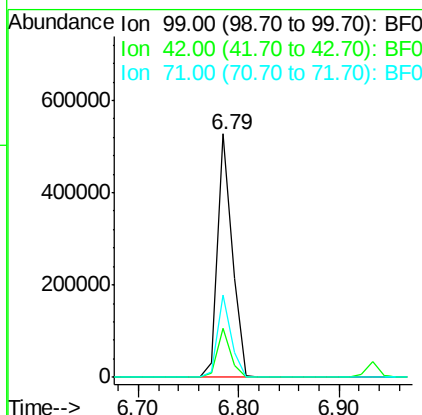
#7
Phenol-d6
Concen: 105.51 ng
RT: 6.79 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		538841		
42	20.0	16.2	24.4		
71	33.7	26.7	40.1		

Instrument :
BNA_F
ClientSampleId :
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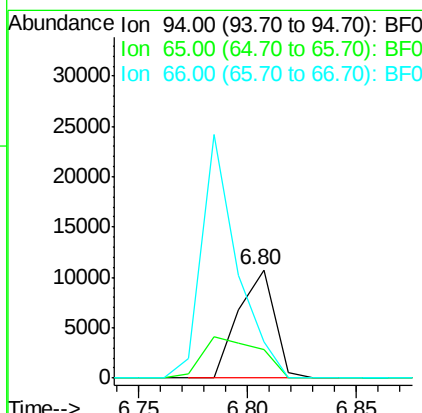
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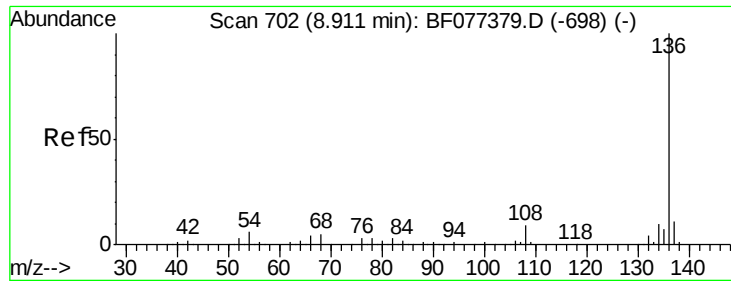
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#10
Phenol
Concen: 2.04 ng
RT: 6.80 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		12374		
65	26.2	5.7	45.7		
66	34.0	13.6	53.6		





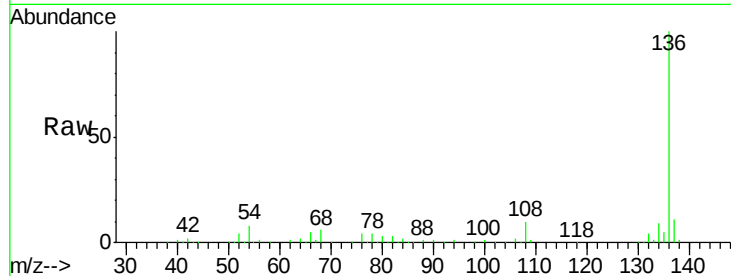
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
BNA_F
ClientSampleId :
SB19

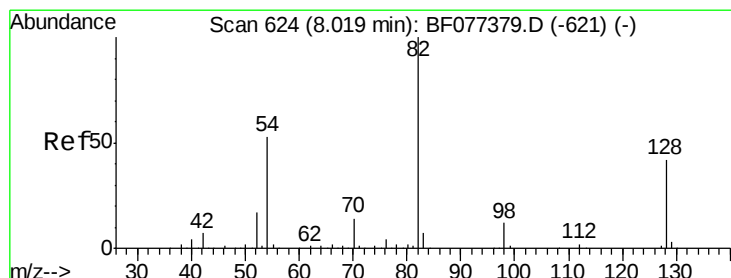
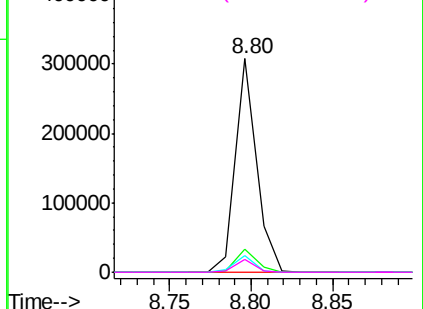
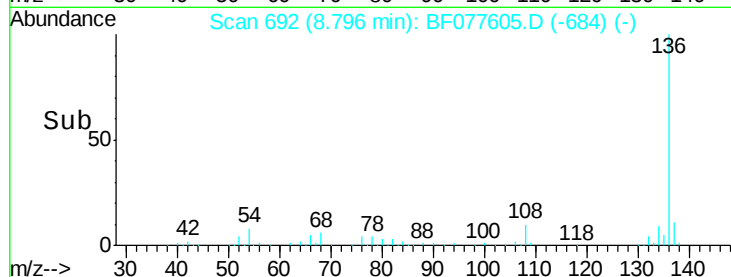
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	272852		
137	10.8	8.6	13.0	
54	7.7	6.2	9.4	
68	6.0	5.0	7.6	

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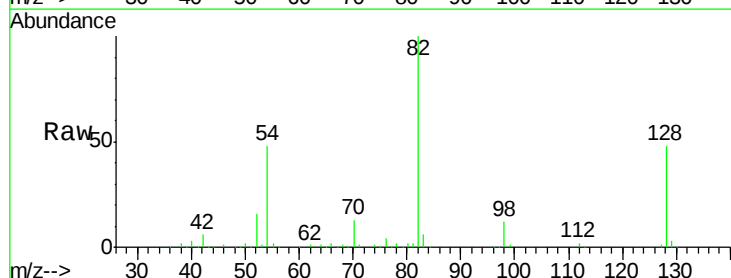


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

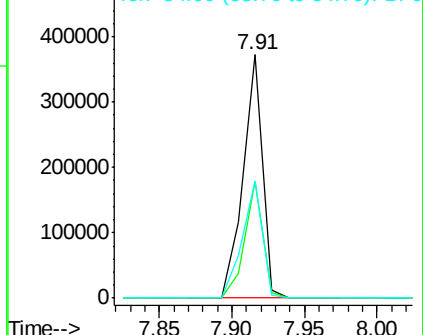
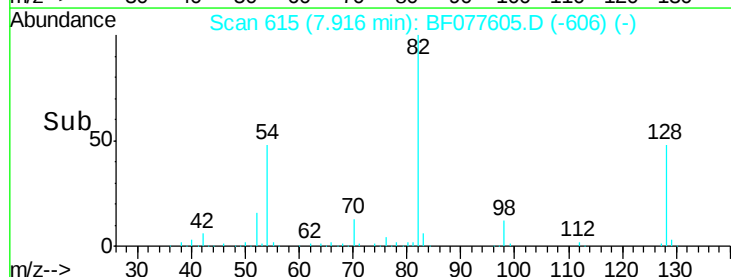


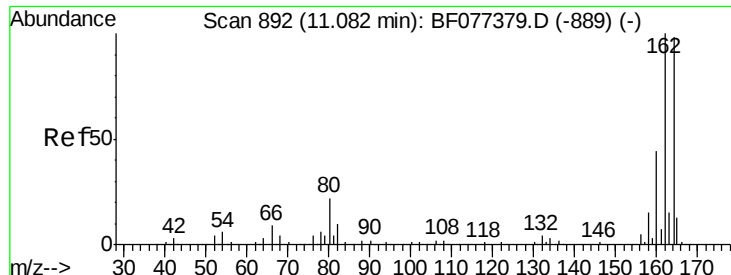
#23
Nitrobenzene-d5
Concen: 79.06 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	346907		
128	48.1	43.8	65.8	
54	48.3	36.7	55.1	



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





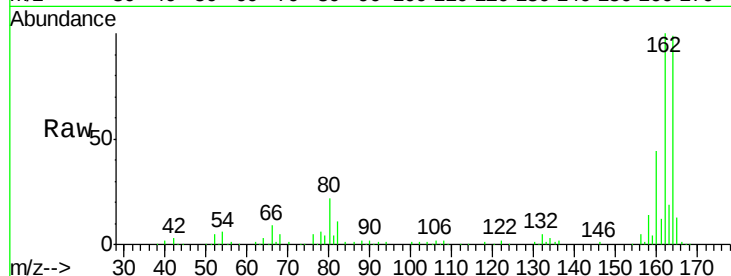
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
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ClientSampleId :
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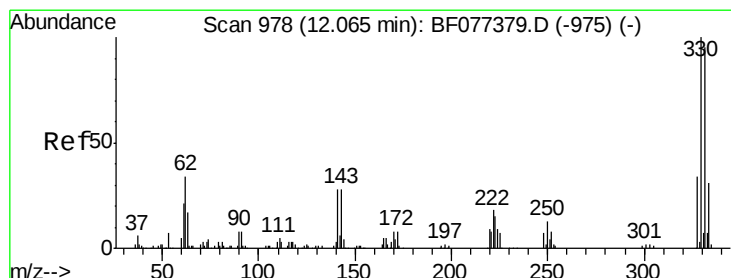
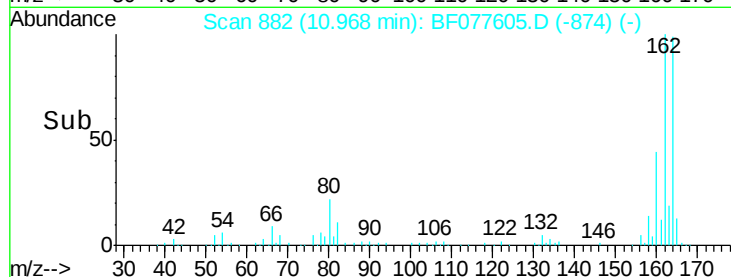
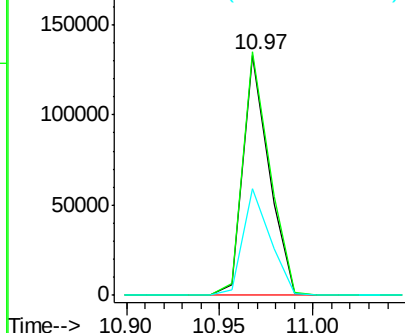
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	130500		
162	101.5	83.2	124.8	
160	44.4	34.6	52.0	

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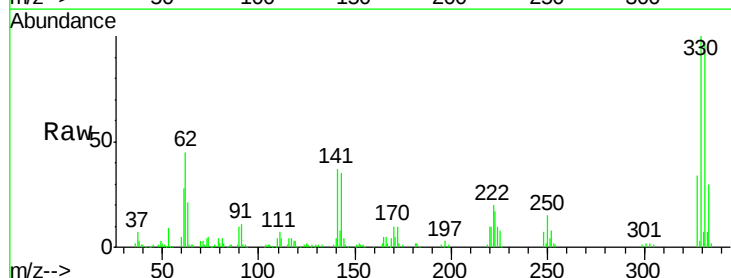


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

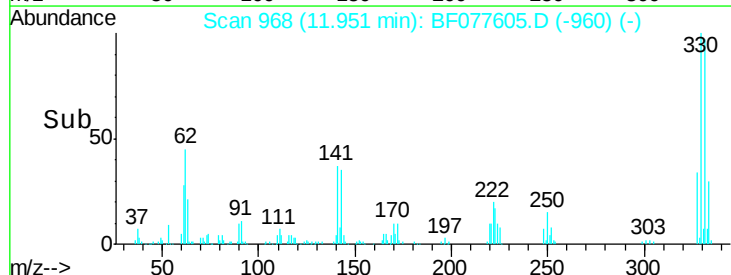
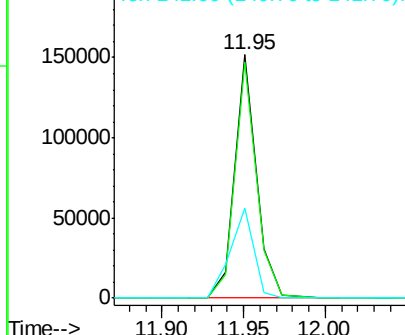


#41
2,4,6-Tribromophenol
Concen: 110.30 ng
RT: 11.95 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	138598		
332	96.3	77.4	116.2	
141	40.0	28.8	43.2	



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





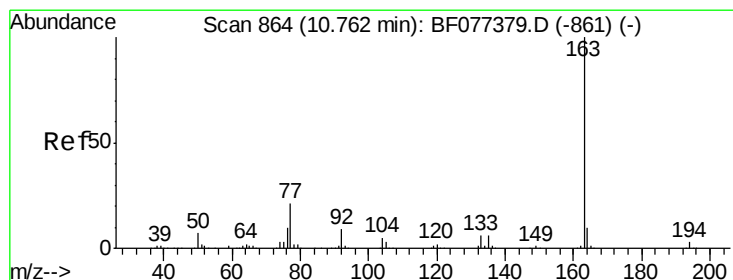
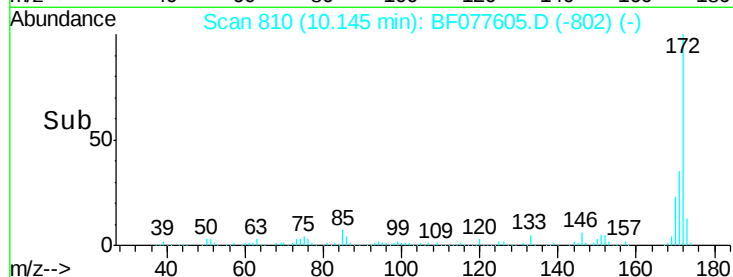
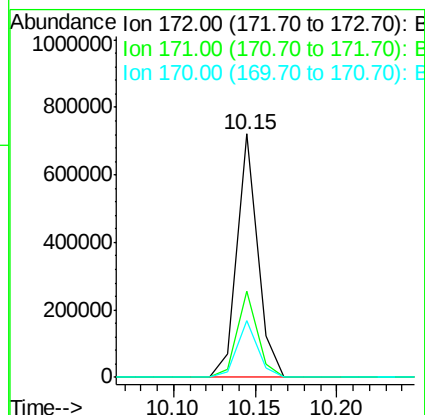
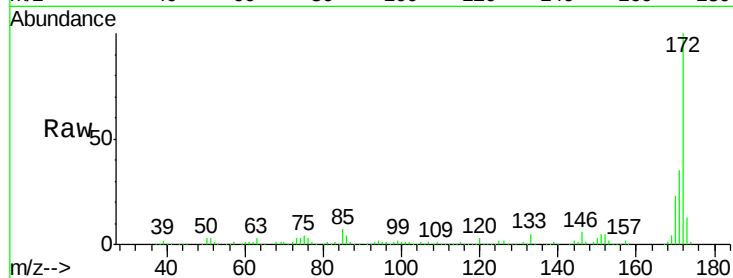
#44
2-Fluorobiphenyl
Concen: 75.00 ng
RT: 10.15 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
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ClientSampleId :
SB19

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.4	28.9	43.3
170	23.3	19.4	29.2

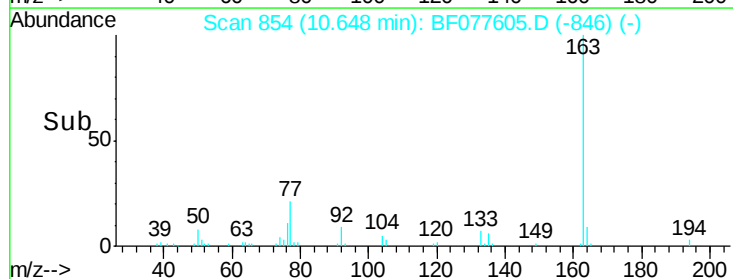
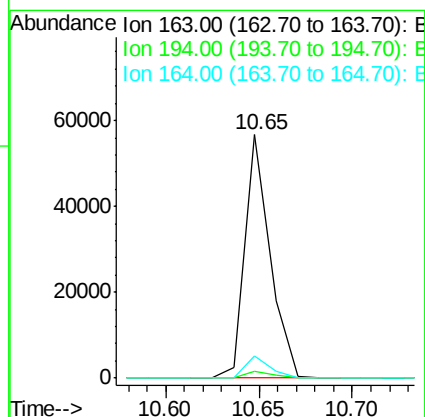
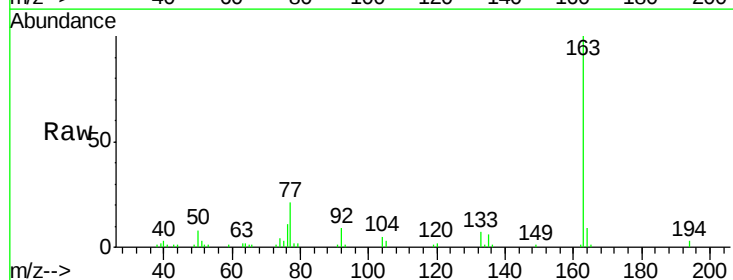
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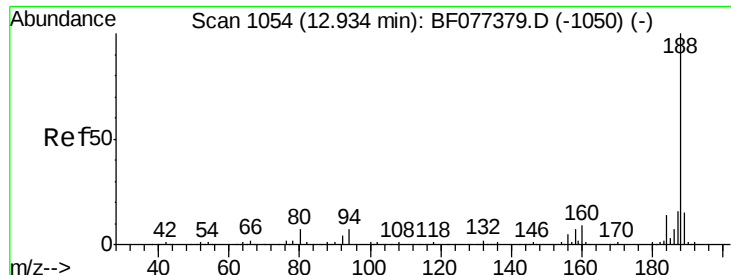
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#49
Dimethylphthalate
Concen: 5.78 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.8	2.6	4.0
164	9.4	8.6	13.0





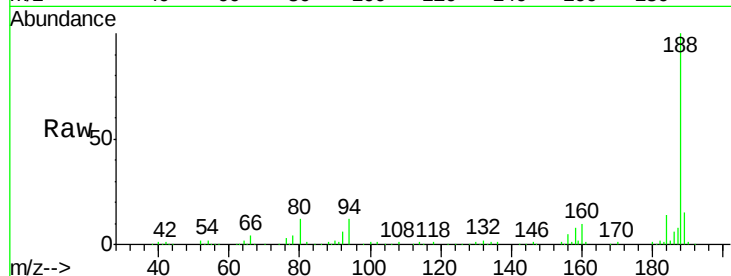
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF077605.D
 Acq: 5 Mar 2015 4:59

Instrument :
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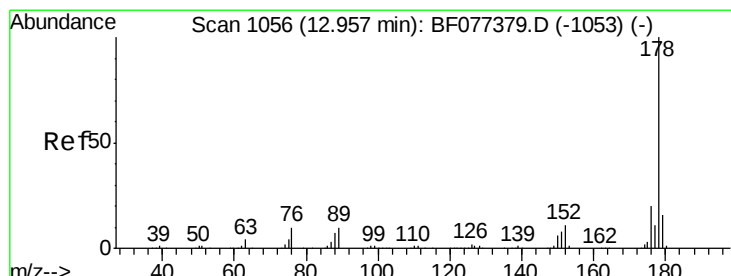
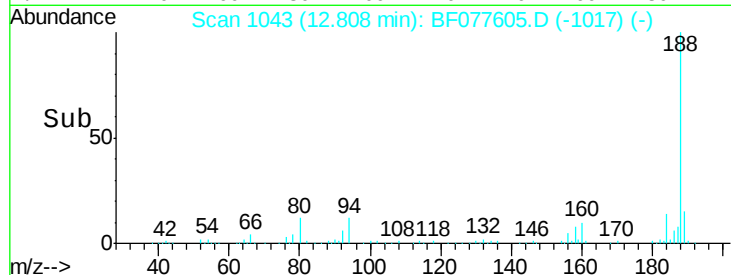
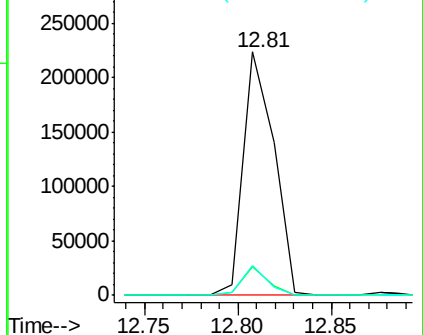
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.9	7.4	11.2#
80	12.3	8.0	12.0#

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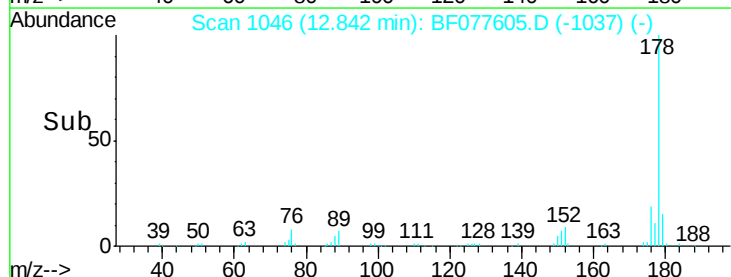
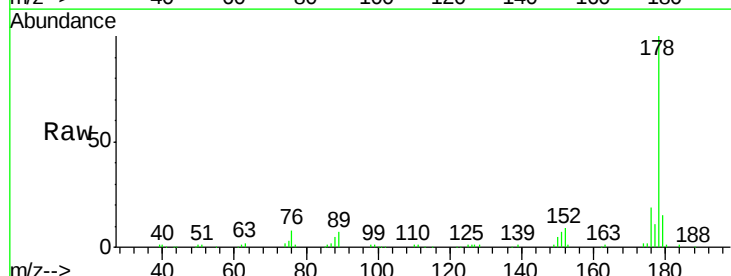
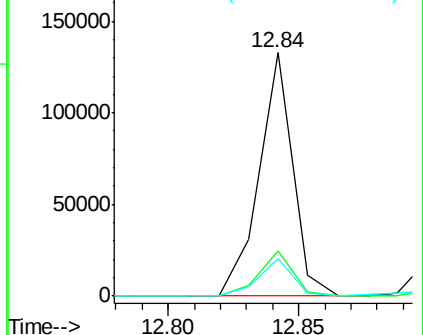
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

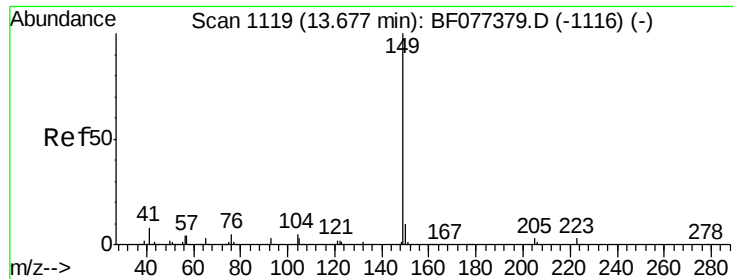


#70
 Phenanthrene
 Concen: 8.04 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077605.D
 Acq: 5 Mar 2015 4:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.7	15.5	23.3
179	15.2	12.2	18.2

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





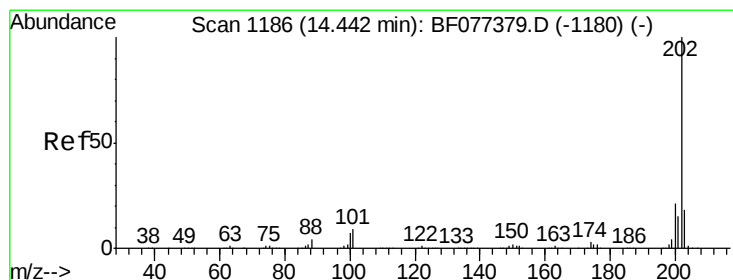
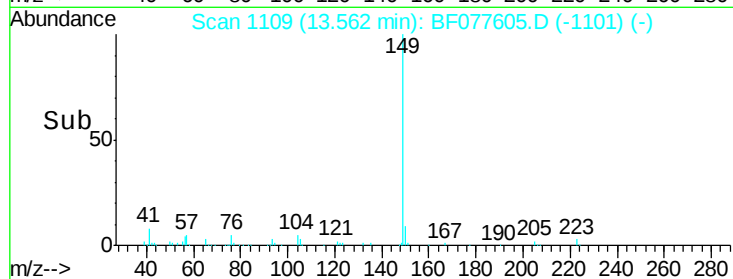
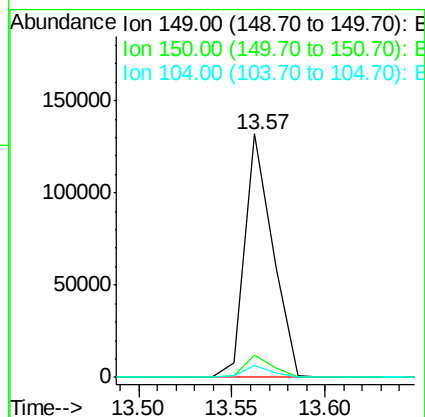
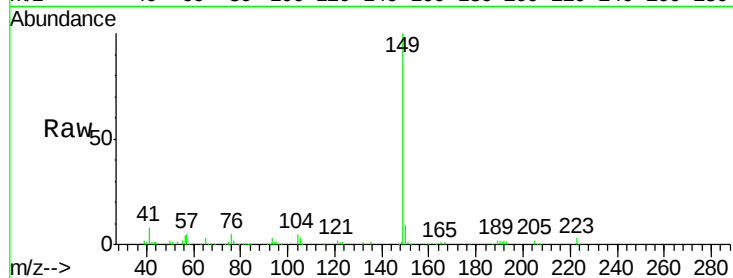
#73
Di-n-butylphthalate
Concen: 8.26 ng
RT: 13.57 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
BNA_F
ClientSampleId :
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Tgt	Ion	149	Resp	137217
	Ratio	100	Lower	Upper
	149	100		
	150	9.0	7.8	11.8
	104	4.9	4.1	6.1

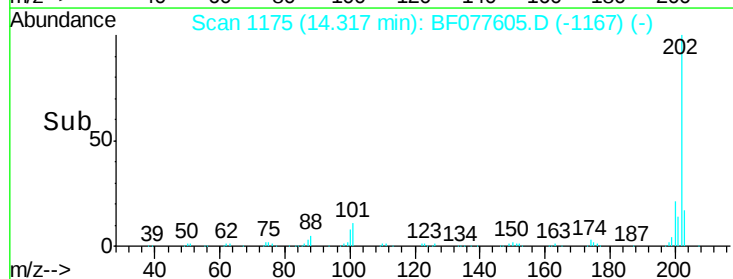
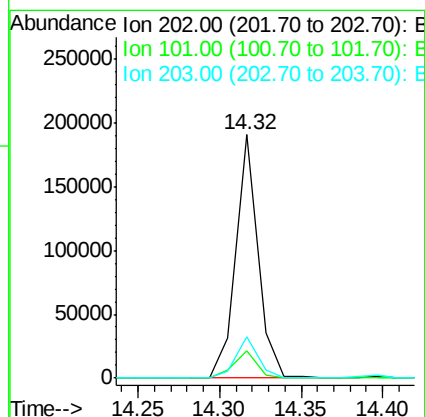
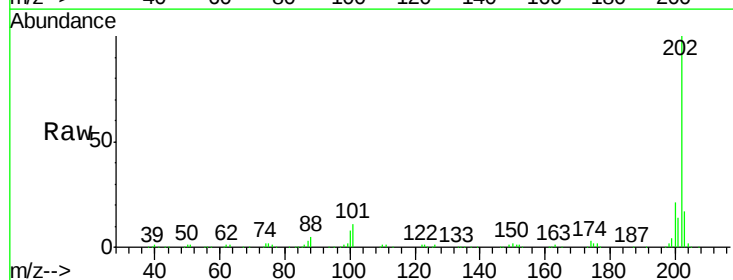
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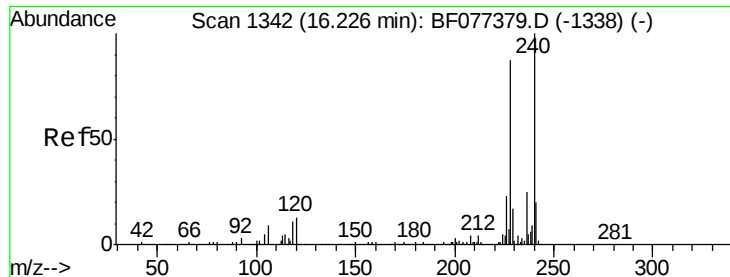
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#74
Fluoranthene
Concen: 10.91 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt	Ion	202	Resp	178578
	Ratio	100	Lower	Upper
	202	100		
	101	11.0	0.0	30.8
	203	17.2	0.0	37.7





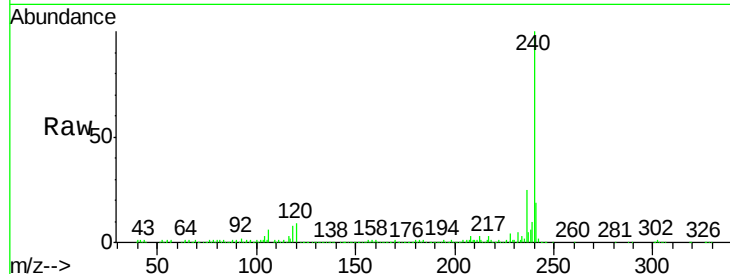
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
BNA_F
ClientSampleId :
SB19

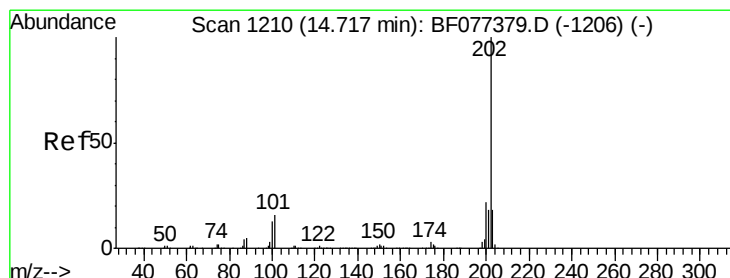
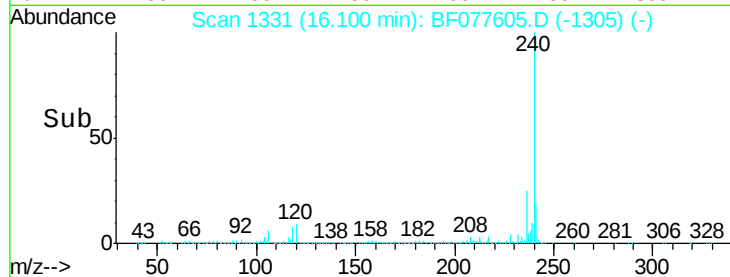
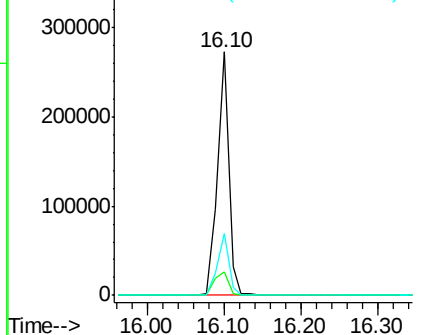
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	282202		
120	9.4	8.8	13.2	
236	25.2	20.7	31.1	

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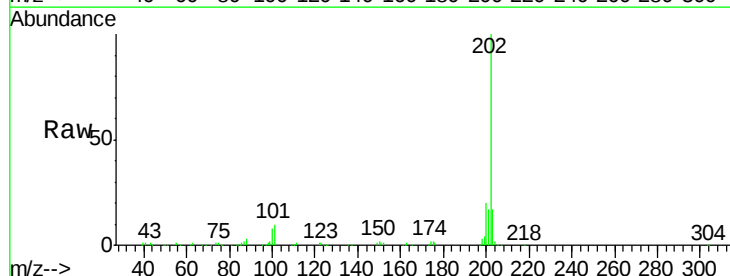


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

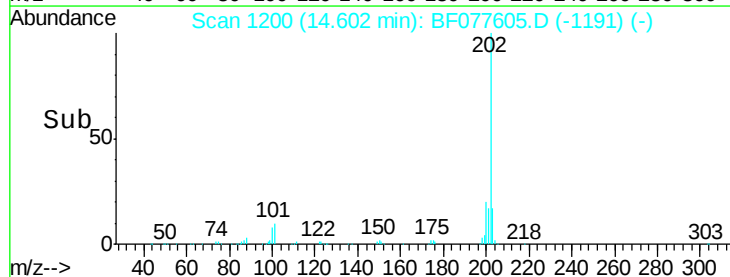
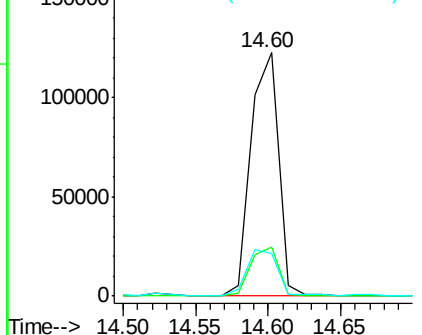


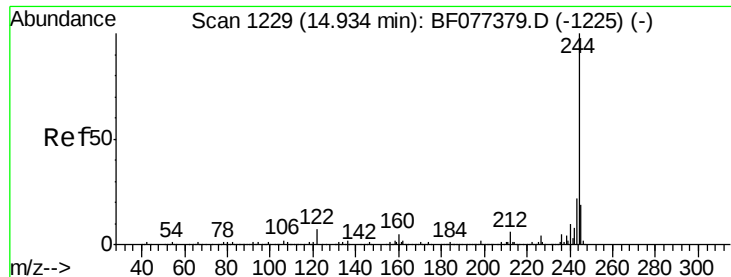
#77
Pyrene
Concen: 9.44 ng
RT: 14.60 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	163003		
200	20.2	17.1	25.7	
203	17.4	14.2	21.2	



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: 56.30 ng

RT: 14.81 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

Instrument :

BNA_F

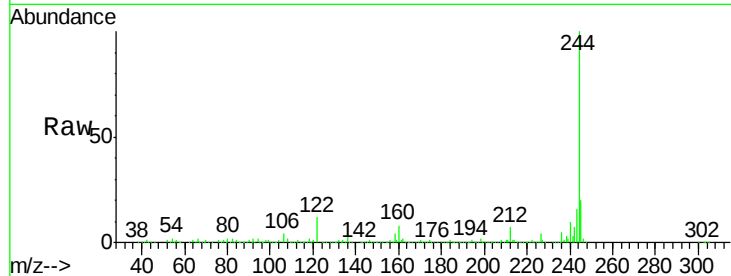
ClientSampleId :

SB19

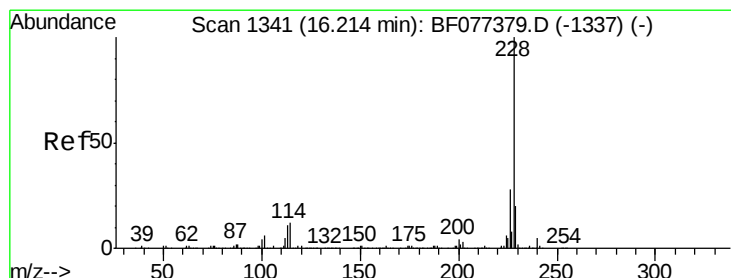
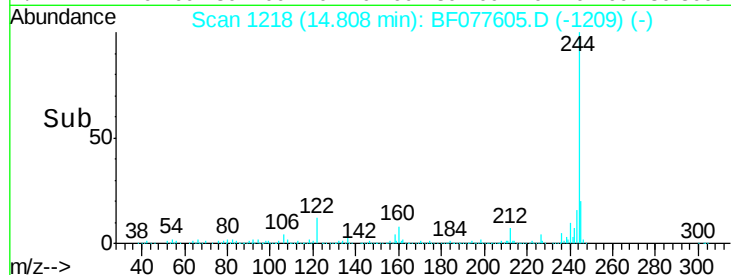
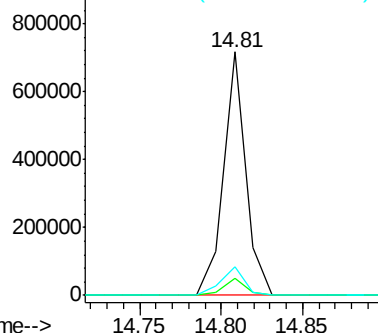
Tgt Ion:	244	Resp:	679668
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.2	7.8
122	11.6	7.8	11.8

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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



#80

Benzo(a)anthracene

Concen: 4.81 ng m

RT: 16.09 min Scan# 1330

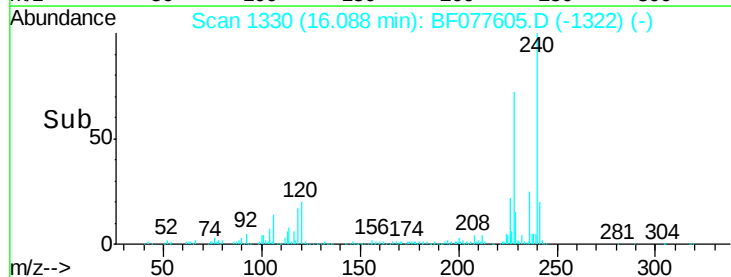
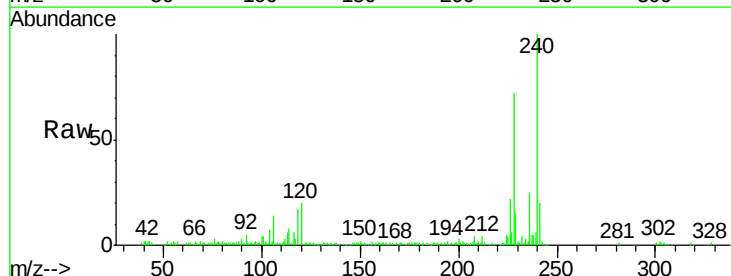
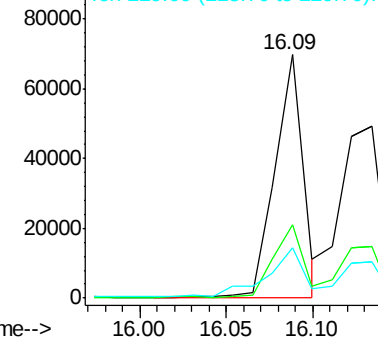
Delta R.T. -0.00 min

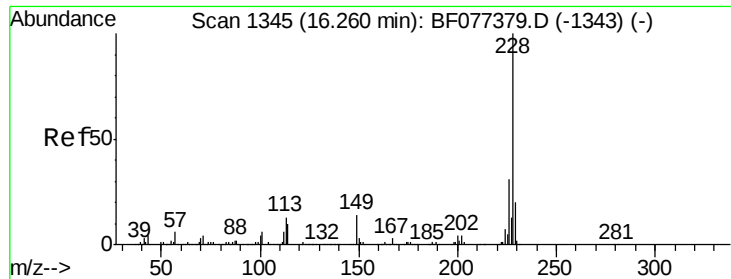
Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

Tgt Ion:	228	Resp:	79533
Ion Ratio		Lower	Upper
228	100		
226	30.3	22.0	33.0
229	20.8	15.8	23.8

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





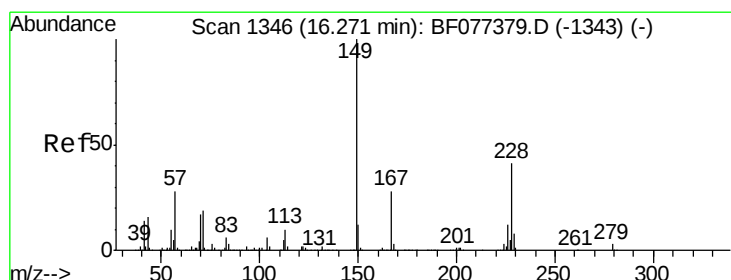
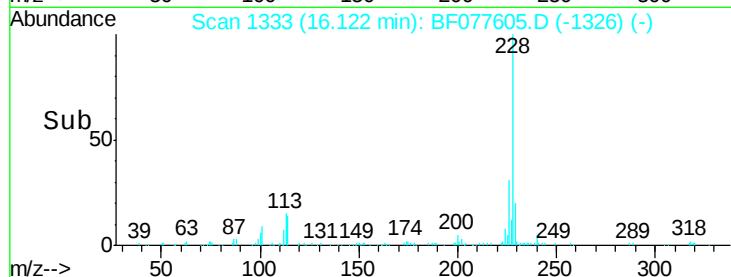
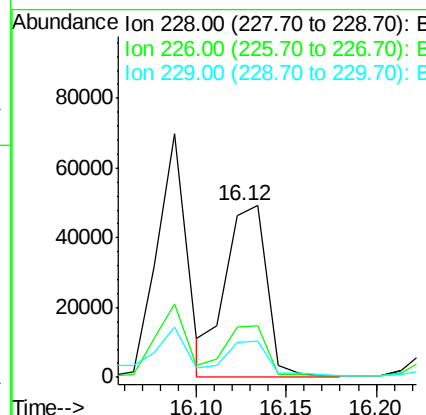
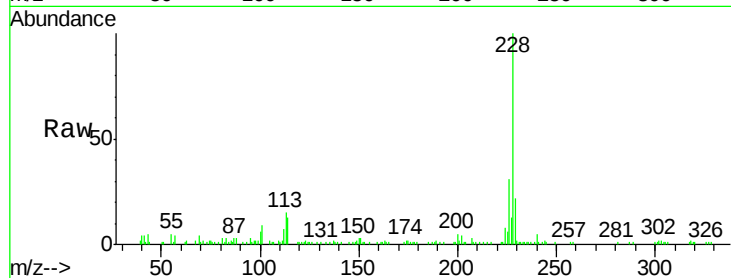
#82
Chrysene
Concen: 5.13 ng m
RT: 16.12 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
BNA_F
ClientSampleId :
SB19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	21.5	16.4	24.6

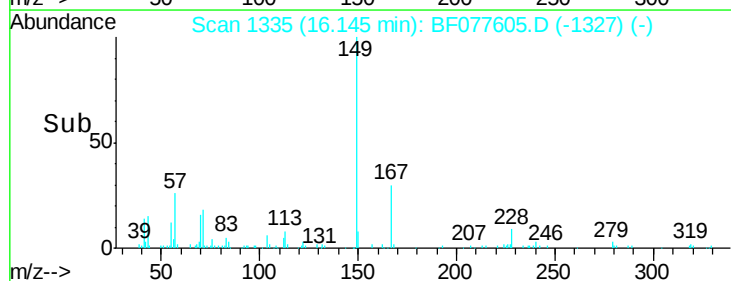
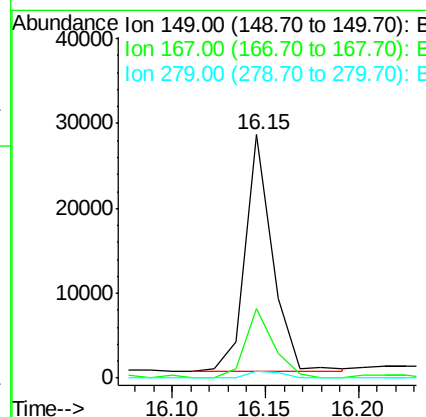
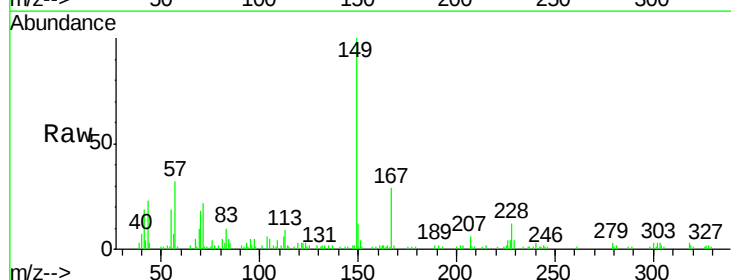
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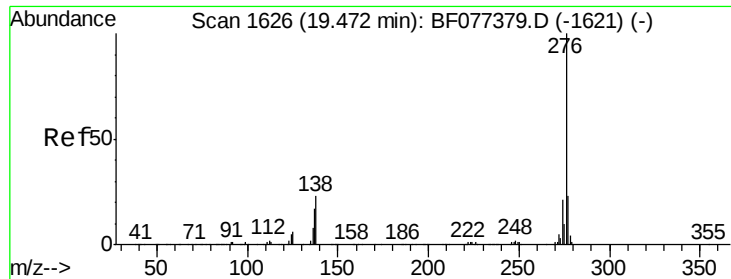
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.50 ng
RT: 16.15 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.8	34.2
279	3.1	3.8	5.6#





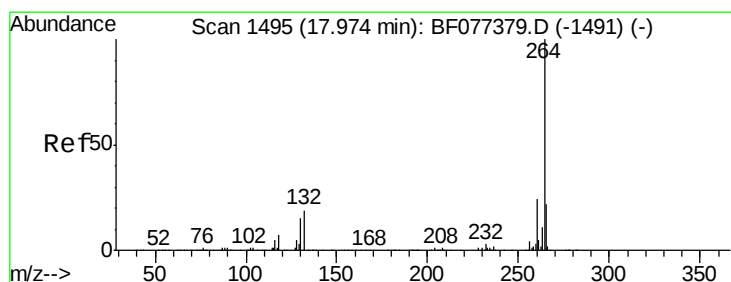
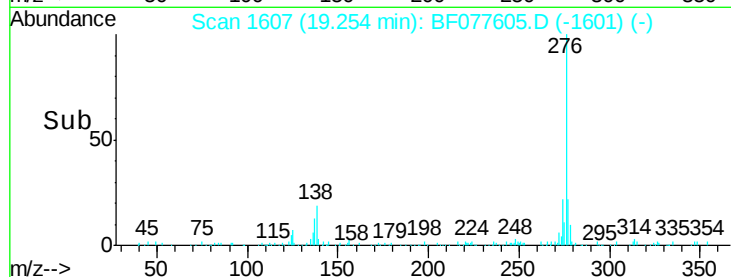
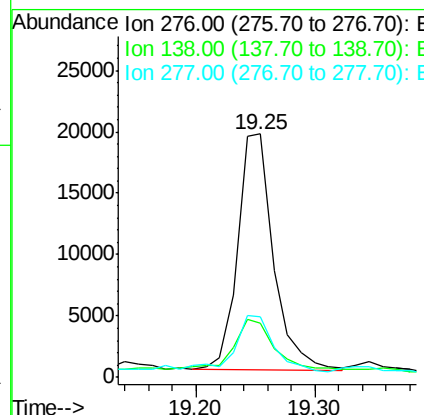
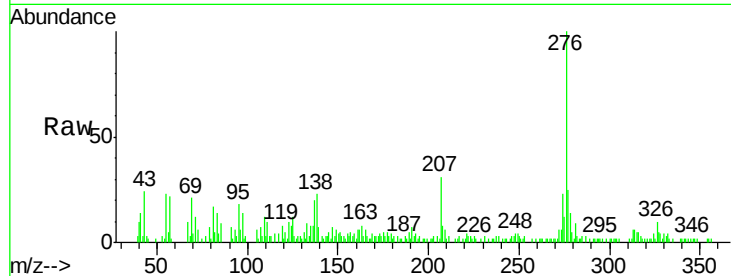
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.31 ng
RT: 19.25 min Scan# 1607
Delta R.T. -0.03 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
BNA_F
ClientSampleId :
SB19

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.1	21.2	31.8
277	25.5	20.0	30.0

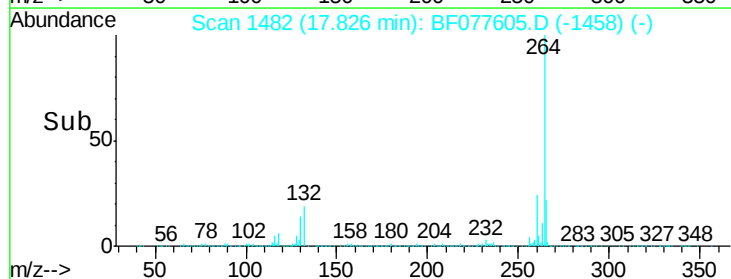
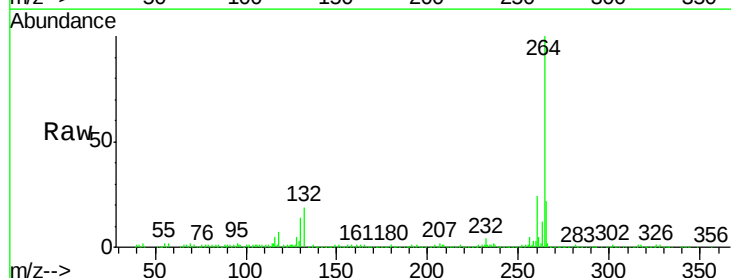
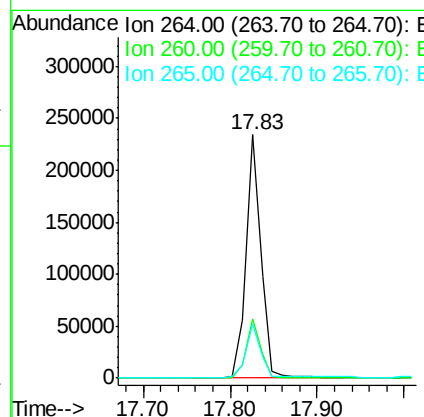
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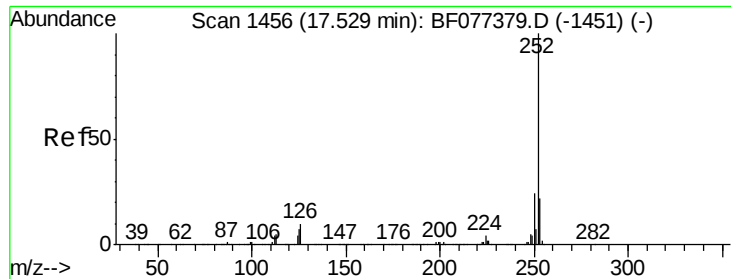
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.4	19.3	28.9
265	22.0	16.8	25.2





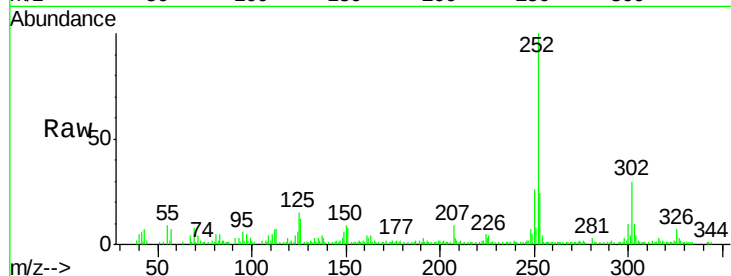
#87
Benzo(b)fluoranthene
Concen: 5.98 ng m
RT: 17.39 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
BNA_F
ClientSampleId :
SB19

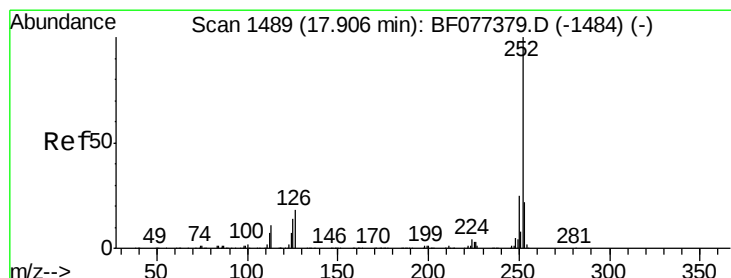
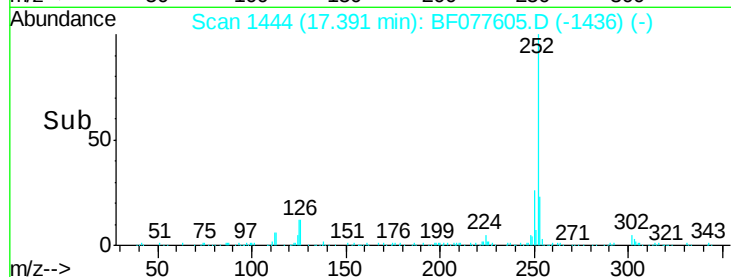
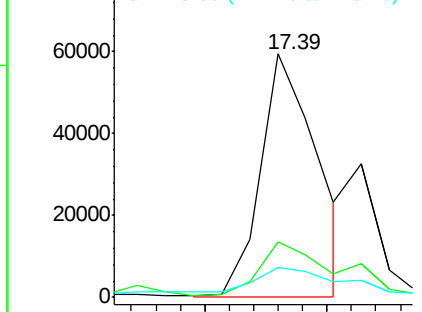
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	14.6	5.4	8.2#

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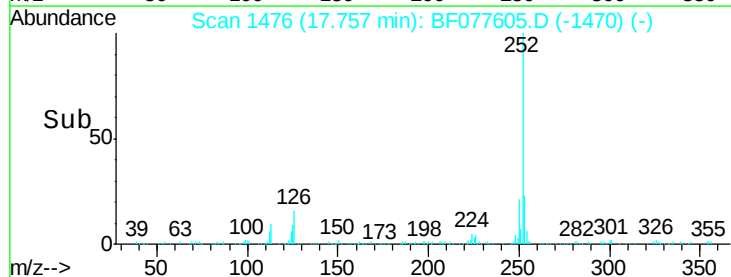
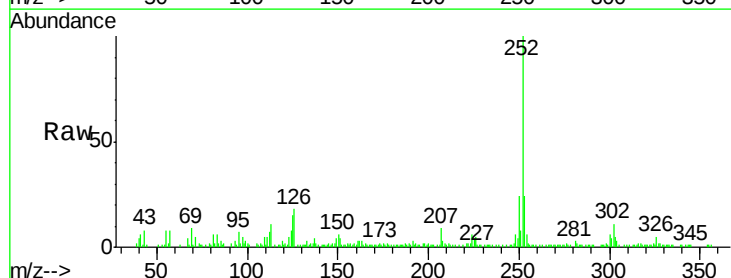
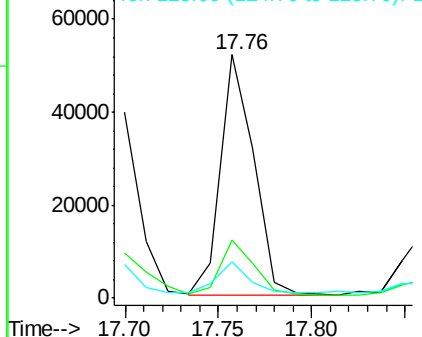
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

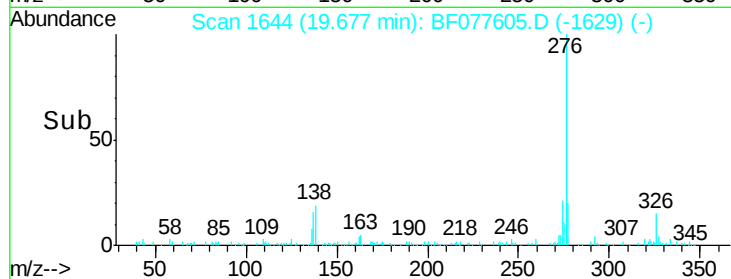
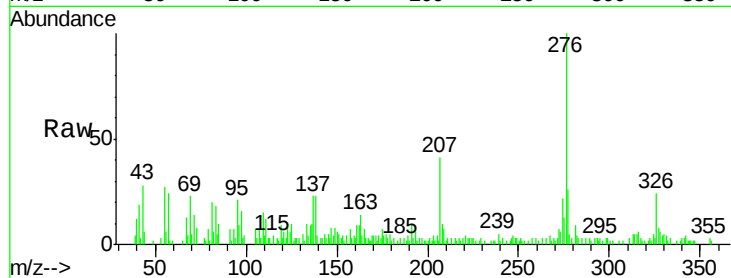
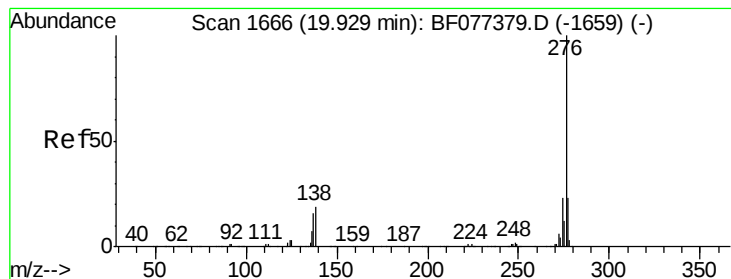


#89
Benzo(a)pyrene
Concen: 4.14 ng
RT: 17.76 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	15.0	8.3	12.5#

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





#91

Benzo(g,h,i)perylene

Concen: 2.71 ng

RT: 19.67 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

Instrument :

BNA_F

ClientSampleId :

SB19

Tgt Ion: 276 Resp: 40248

Ion Ratio Lower Upper

276 100

277 25.7 18.9 28.3

138 22.8 20.5 30.7

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