

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
 Data File : BF076984.D
 Acq On : 21 Jan 2015 4:48
 Operator : IZ / TP
 Sample : G1076-05DL 2X
 Misc : W
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3DL

Manual Integrations
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Quant Time: Jan 21 10:48:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 04:28:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	27625	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	117924	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	64614	20.00	ng	0.00
63) Phenanthrene-d10	17.74	188	110004	20.00	ng	0.00
75) Chrysene-d12	21.24	240	104147	20.00	ng	0.00
86) Perylene-d12	22.88	264	100196	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	91445	54.43	ng	0.00
7) Phenol-d6	7.30	99	116511	54.97	ng	-0.01
23) Nitrobenzene-d5	9.20	82	73413	34.49	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	25766	49.13	ng	-0.01
44) 2-Fluorobiphenyl	13.47	172	142764	33.62	ng	-0.01
78) Terphenyl-d14	19.97	244	142000	31.39	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.34	94	4701	2.09	ng	78
49) Dimethylphthalate	14.54	163	17661	3.85	ng	# 97
51) Acenaphthene	15.02	154	25040	6.64	ng	97
54) Dibenzofuran	15.45	168	15229	2.77	ng	93
57) Fluorene	16.17	166	17740	3.81	ng	95
70) Phenanthrene	17.77	178	291578	42.50	ng	98
71) Anthracene	17.84	178	74546	11.14	ng	98
72) Carbazole	18.13	167	37105	5.72	ng	97
74) Fluoranthene	19.42	202	587208	83.54	ng	97
77) Pyrene	19.69	202	536649	75.19	ng	# 96
80) Benzo(a)anthracene	21.23	228	310664	47.54	ng	99
82) Chrysene	21.27	228	225598m	37.86	ng	
85) Indeno(1,2,3-cd)pyrene	24.00	276	135681	21.48	ng	# 85
87) Benzo(b)fluoranthene	22.48	252	324952m	48.15	ng	
88) Benzo(k)fluoranthene	22.51	252	102446m	17.38	ng	
89) Benzo(a)pyrene	22.83	252	207039	34.78	ng	98
90) Dibenzo(a,h)anthracene	24.03	278	30646m	5.61	ng	
91) Benzo(g,h,i)perylene	24.29	276	125129	23.04	ng	# 94

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

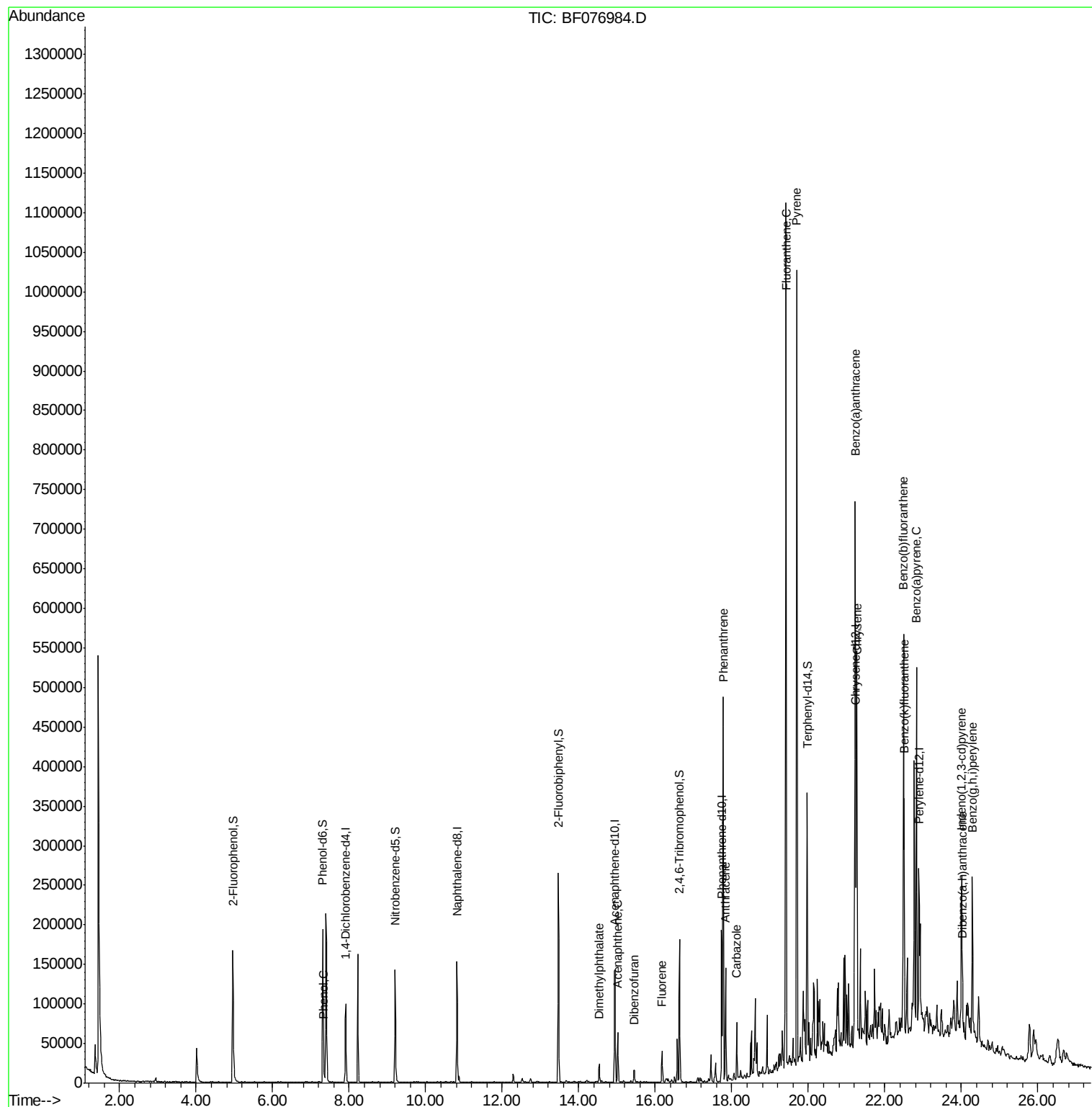
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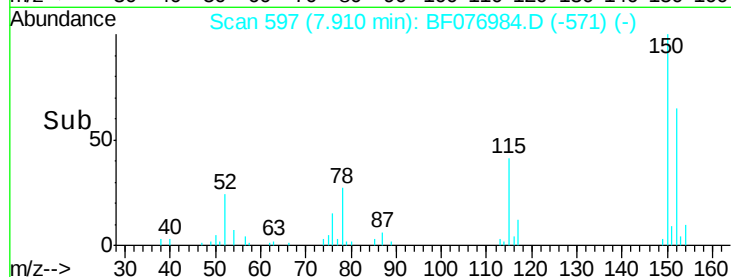
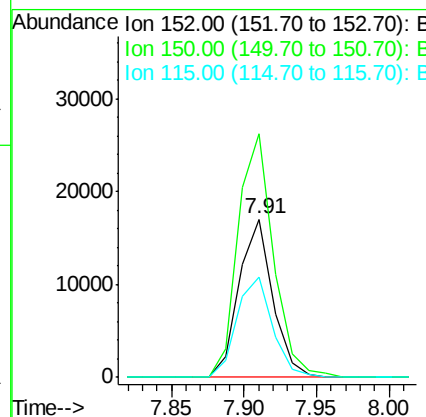
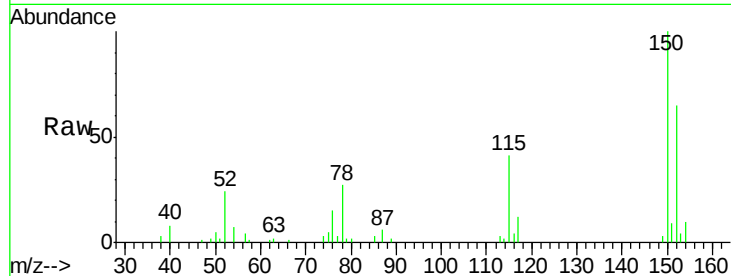
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF076984.D
 Acq: 21 Jan 2015 4:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	121.7	182.5
115	63.0	47.0	70.6

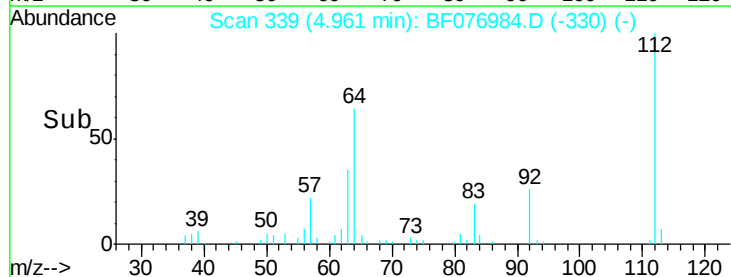
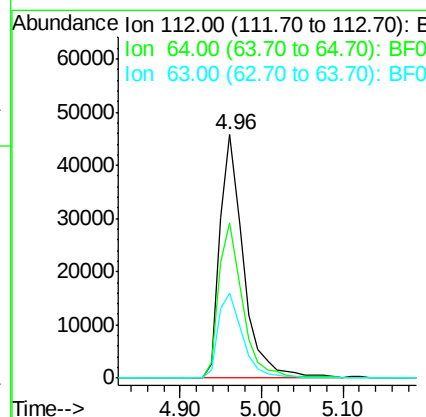
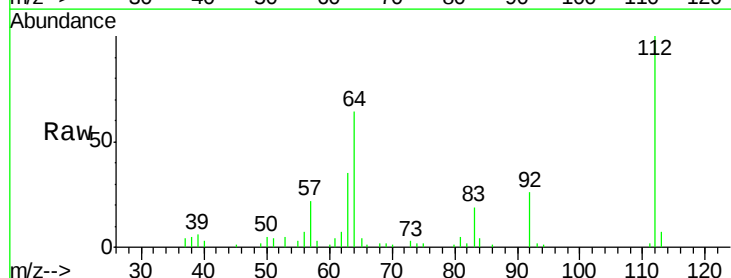
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#5
 2-Fluorophenol
 Concen: 54.43 ng
 RT: 4.96 min Scan# 339
 Delta R.T. 0.00 min
 Lab File: BF076984.D
 Acq: 21 Jan 2015 4:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	54.2	81.4
63	34.9	28.4	42.6





#7

Phenol-d6

Concen: 54.97 ng

RT: 7.30 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF076984.D

Acq: 21 Jan 2015 4:48

Instrument :

BNA_F

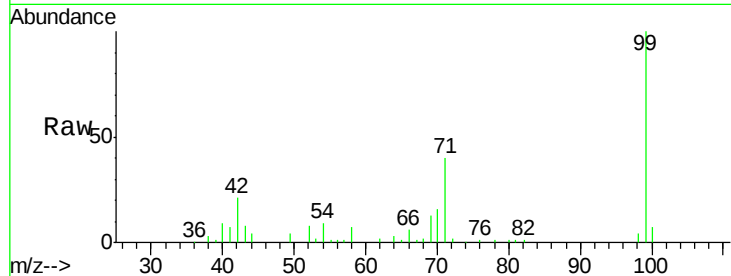
ClientSampleId :

SP-3DL

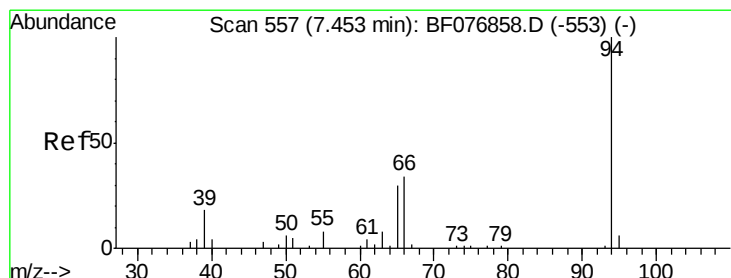
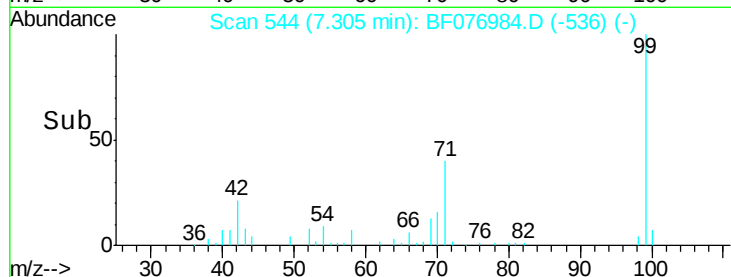
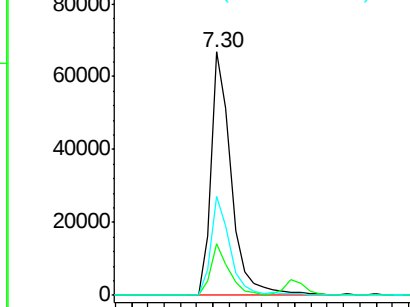
Tot Ion:	99	Resp:	116511
Ion Ratio	Lower	Upper	
99	100		
42	21.2	15.0	22.4
71	40.5	30.5	45.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.09 ng

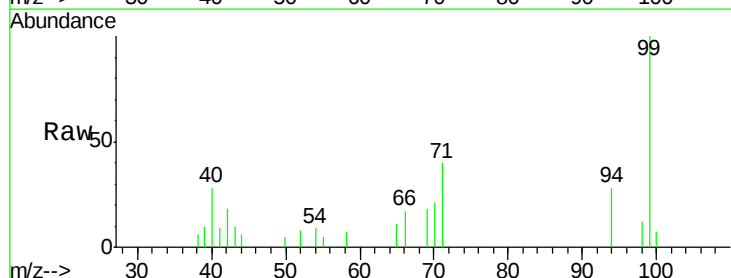
RT: 7.34 min Scan# 547

Delta R.T. -0.01 min

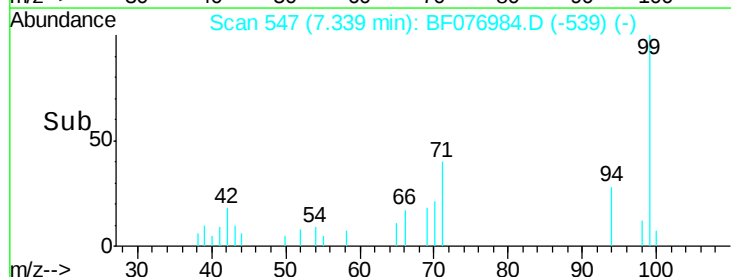
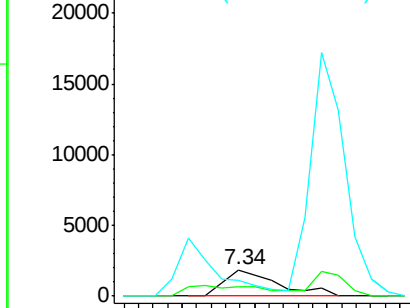
Lab File: BF076984.D

Acq: 21 Jan 2015 4:48

Tgt Ion:	94	Resp:	4701
Ion Ratio	Lower	Upper	
94	100		
65	37.3	11.3	51.3
66	58.1	19.5	59.5



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





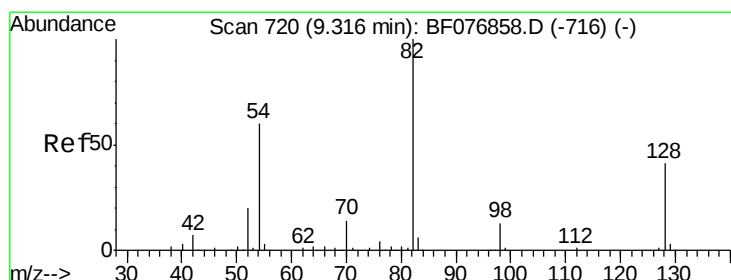
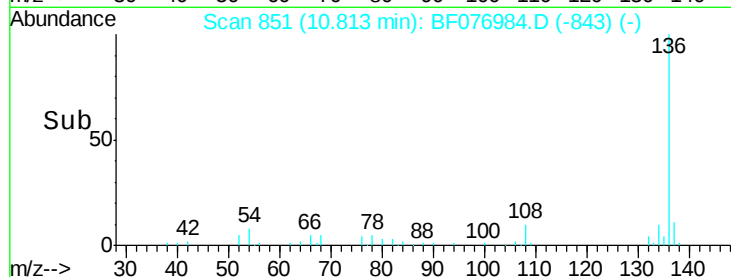
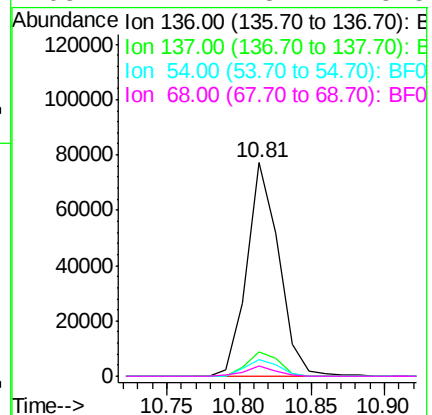
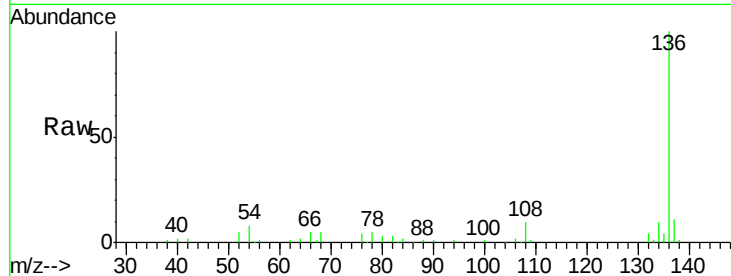
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tot Ion	Ratio	Resp	Lower	Upper
136	100	117924		
137	11.2	8.1	12.1	
54	7.7	7.0	10.4	
68	4.7	3.7	5.5	

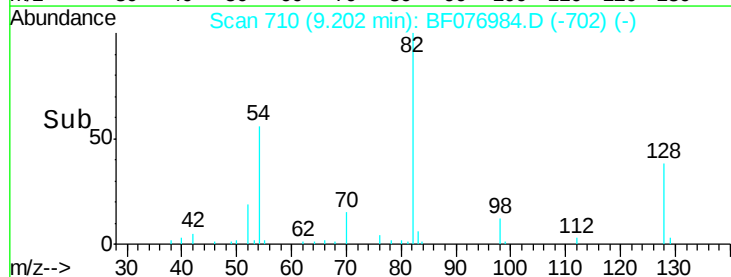
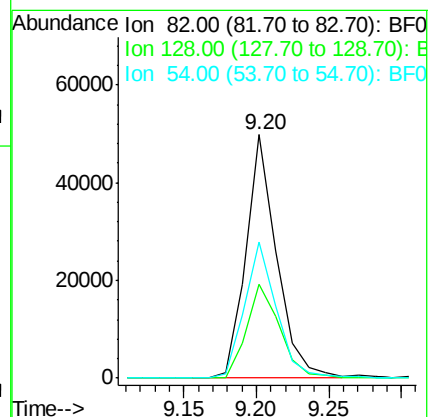
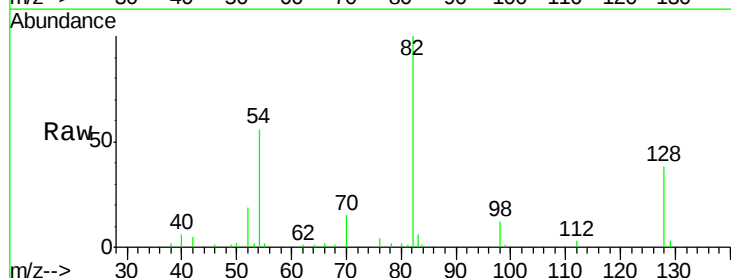
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#23
Nitrobenzene-d5
Concen: 34.49 ng
RT: 9.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	73413		
128	38.4	33.1	49.7	
54	55.9	48.3	72.5	





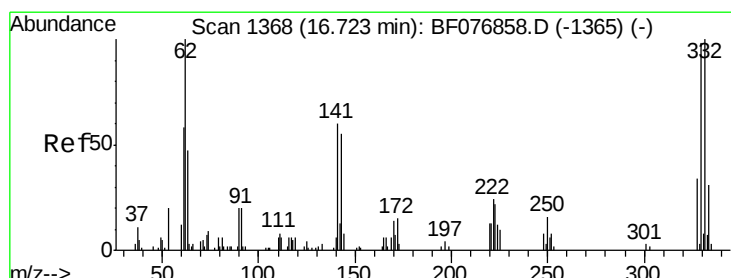
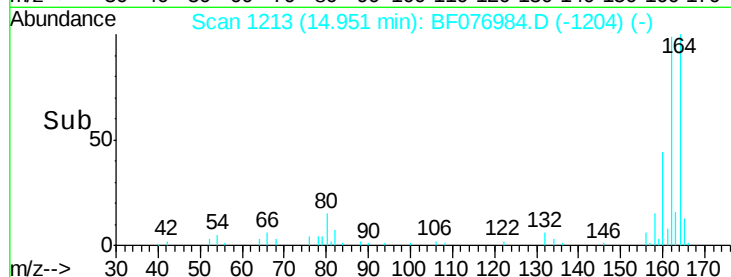
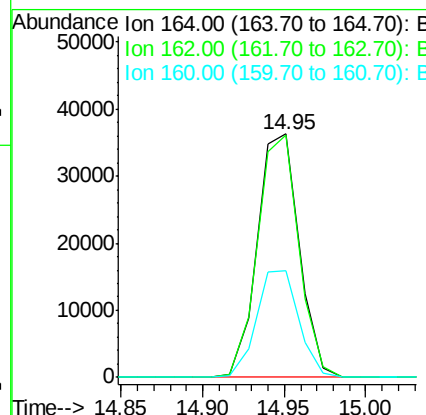
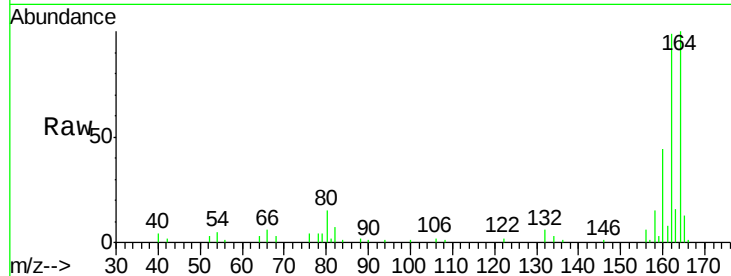
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF076984.D
 Acq: 21 Jan 2015 4:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.4	123.6
160	43.7	34.8	52.2

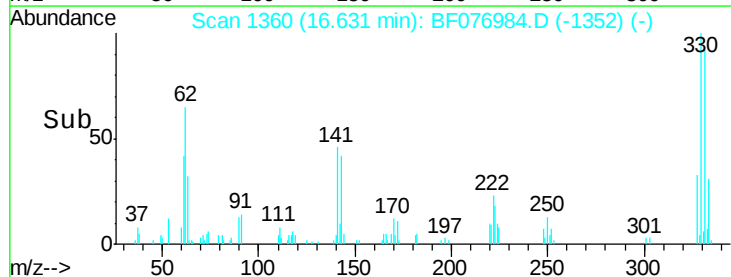
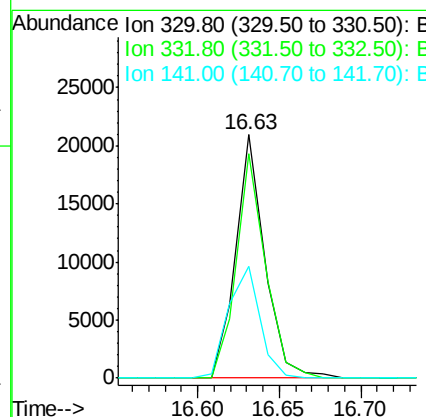
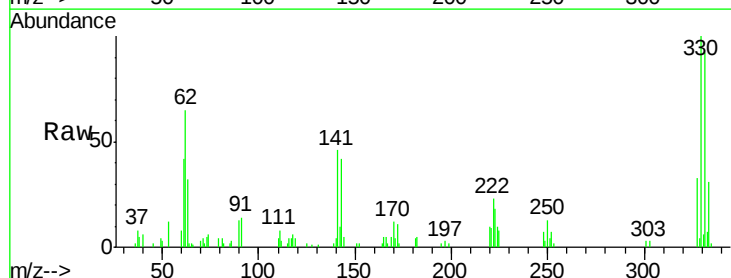
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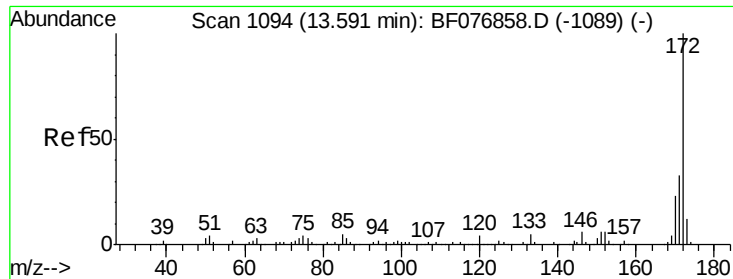
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#41
 2,4,6-Tribromophenol
 Concen: 49.13 ng
 RT: 16.63 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF076984.D
 Acq: 21 Jan 2015 4:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.8	116.6
141	50.1	38.5	57.7





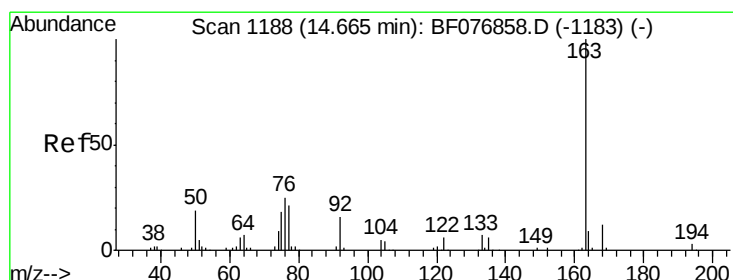
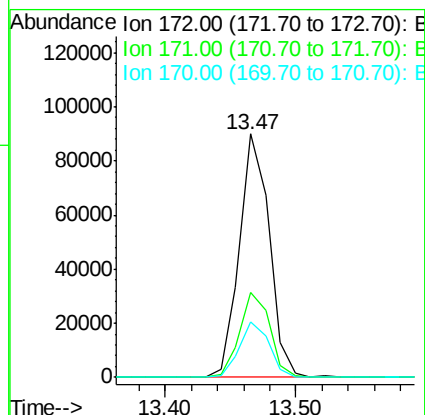
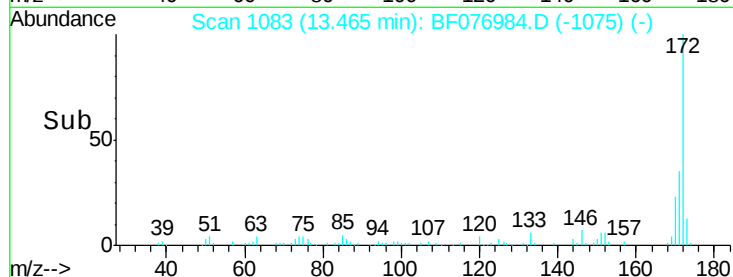
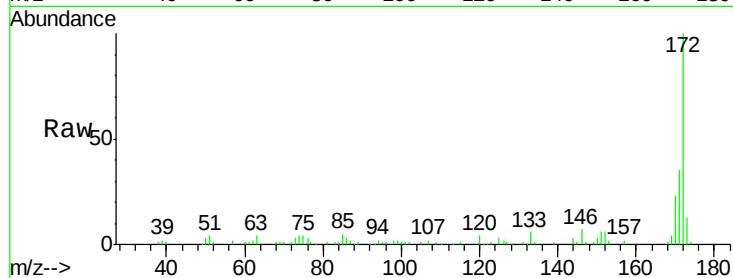
#44
2-Fluorobiphenyl
Concen: 33.62 ng
RT: 13.47 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	34.8	26.6	40.0
170	22.9	18.0	27.0

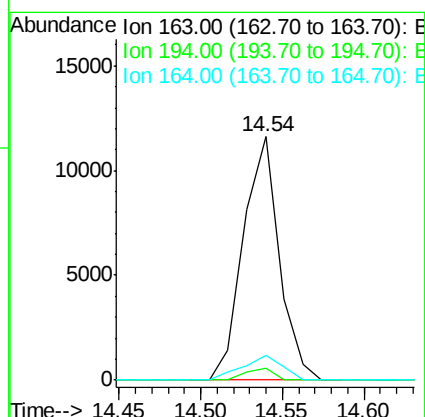
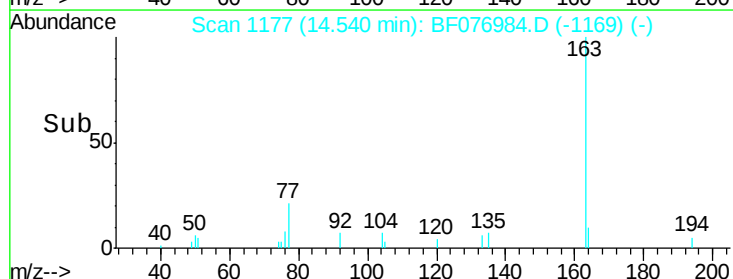
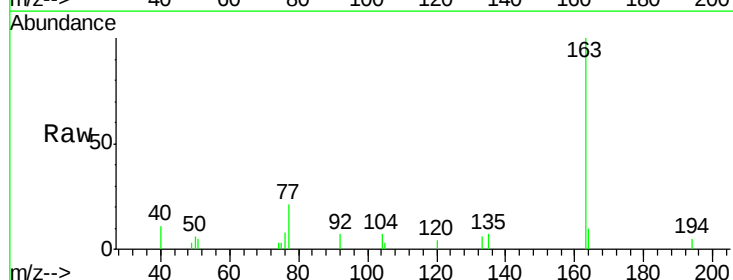
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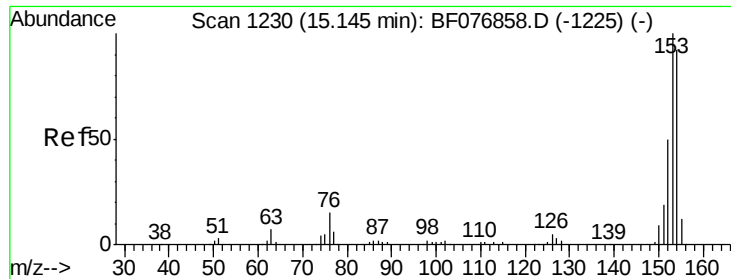
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#49
Dimethylphthalate
Concen: 3.85 ng
RT: 14.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	5.0	2.6	4.0#
164	10.4	7.5	11.3





#51

Acenaphthene

Concen: 6.64 ng

RT: 15.02 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF076984.D

Acq: 21 Jan 2015 4:48

Instrument :

BNA_F

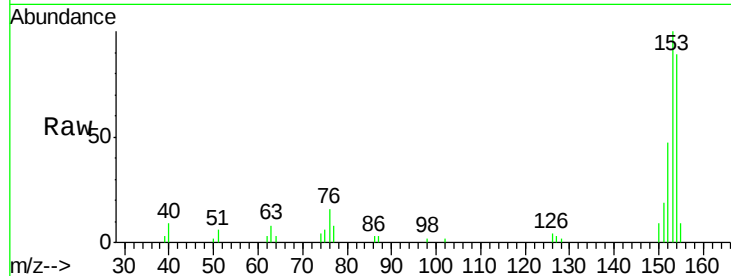
ClientSampleId :

SP-3DL

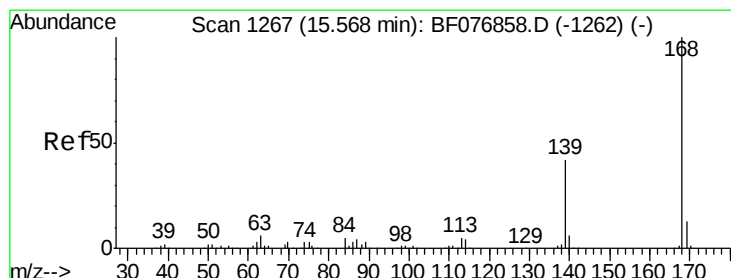
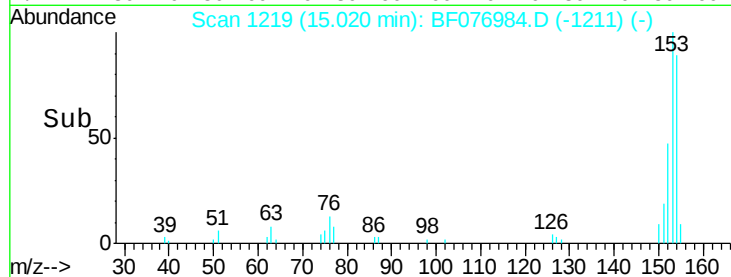
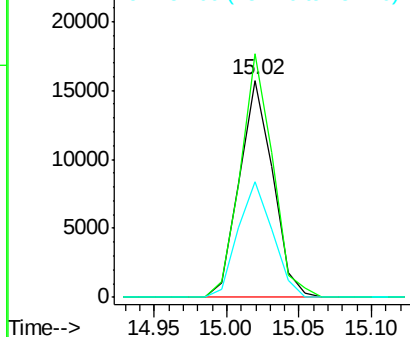
Tot Ion:	154	Resp:	25040
Ion Ratio	Lower	Upper	
154	100		
153	112.2	87.0	130.6
152	53.1	43.5	65.3

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.77 ng

RT: 15.45 min Scan# 1257

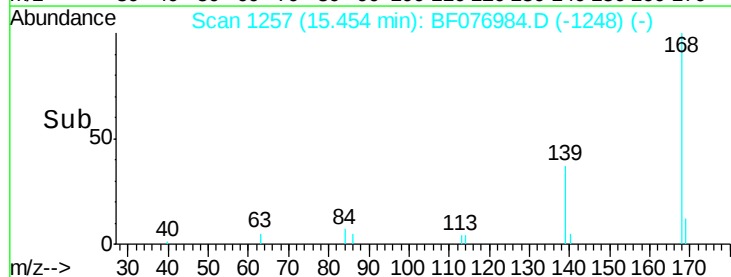
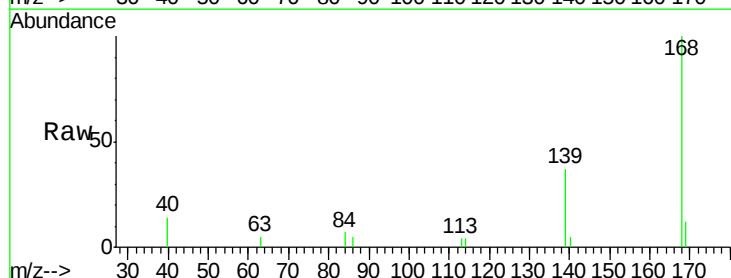
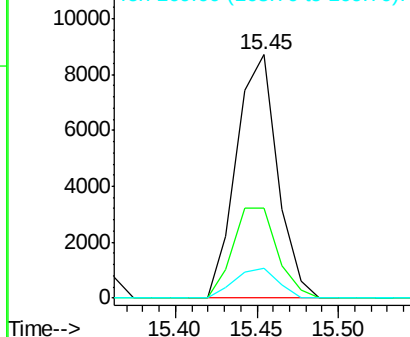
Delta R.T. 0.00 min

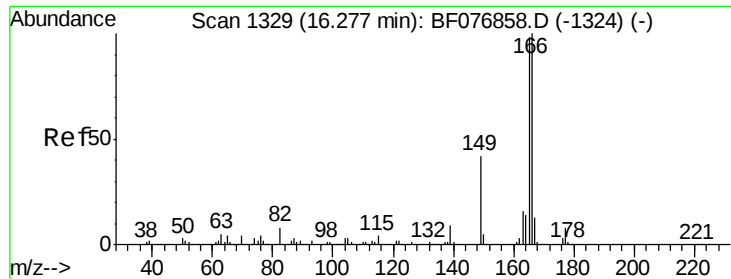
Lab File: BF076984.D

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Tgt Ion:	168	Resp:	15229
Ion Ratio	Lower	Upper	
168	100		
139	36.8	33.4	50.2
169	12.4	10.6	15.8

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





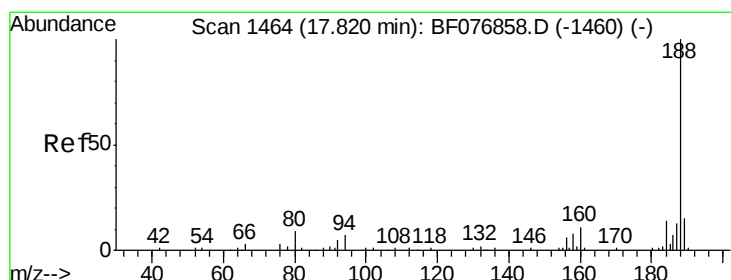
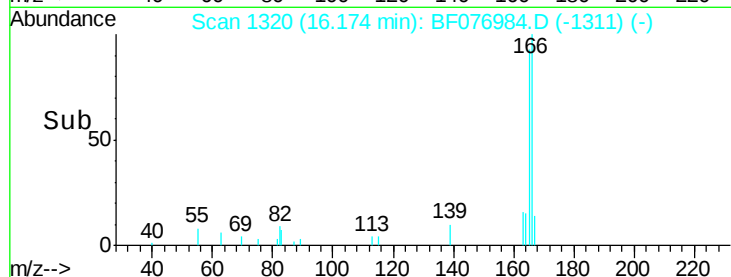
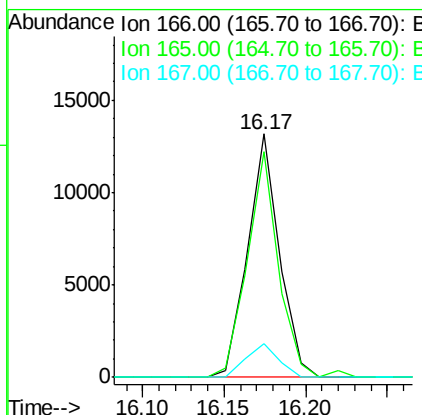
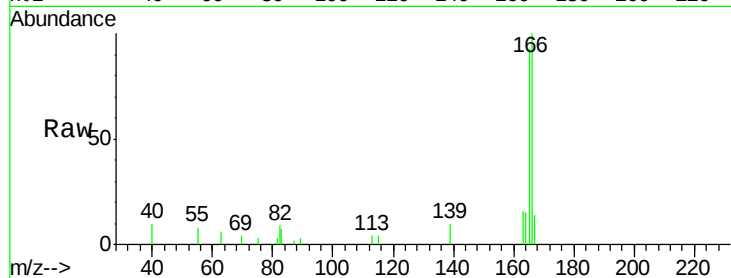
#57
Fluorene
 Concen: 3.81 ng
 RT: 16.17 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF076984.D
 Acq: 21 Jan 2015 4:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	92.7	78.5	117.7
167	13.8	10.4	15.6

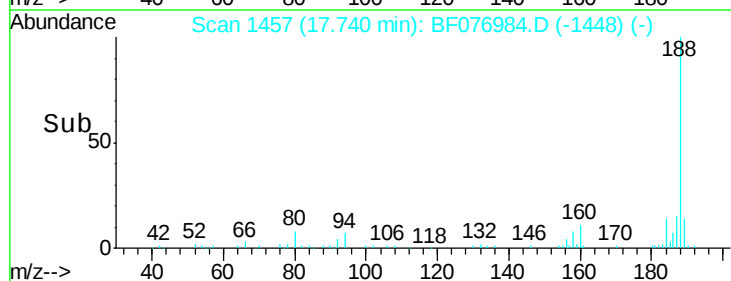
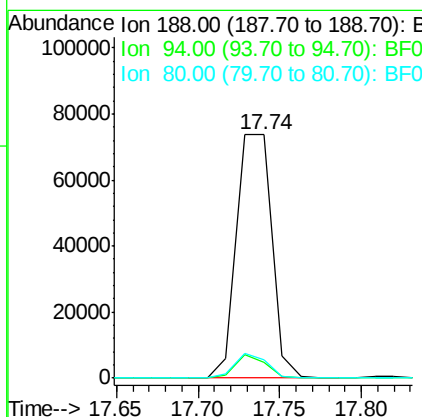
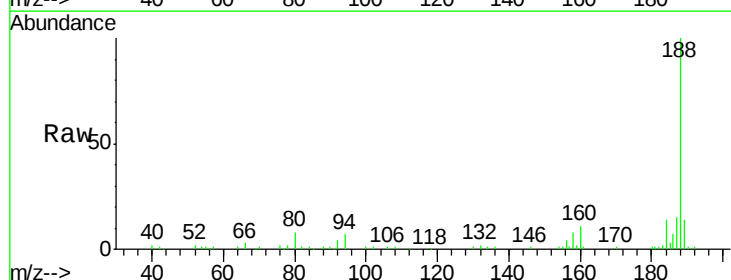
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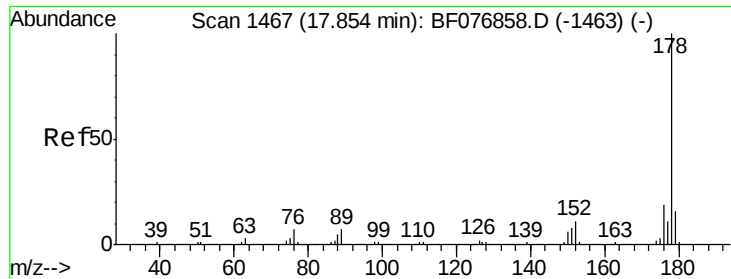
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.74 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF076984.D
 Acq: 21 Jan 2015 4:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.0	9.0
80	7.8	6.9	10.3





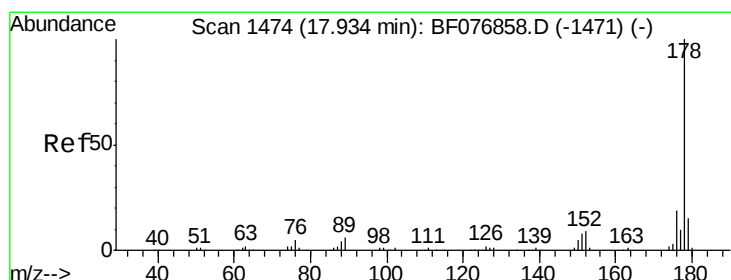
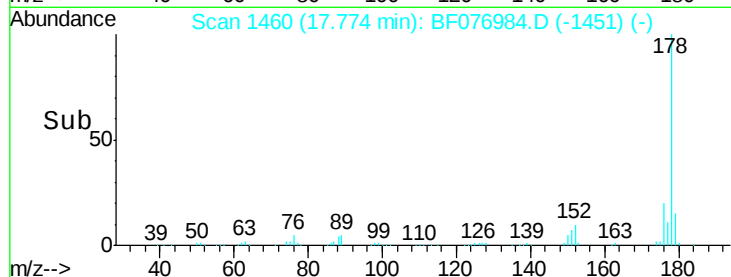
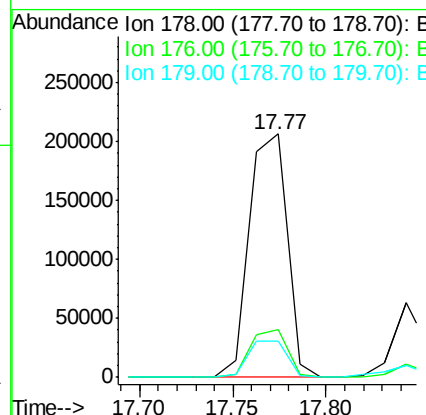
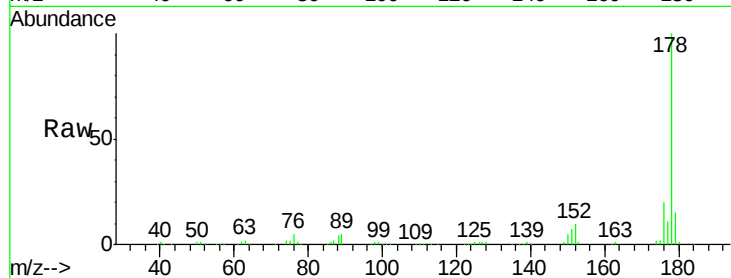
#70
Phenanthrene
Concen: 42.50 ng
RT: 17.77 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.0	12.7	19.1

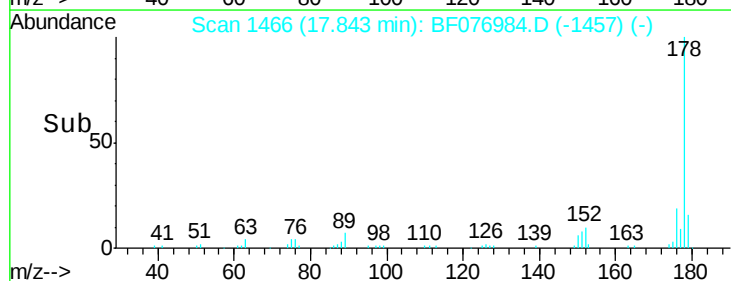
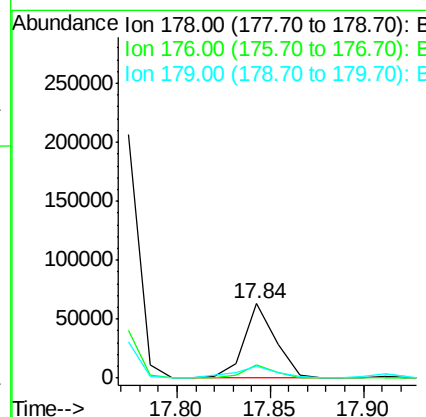
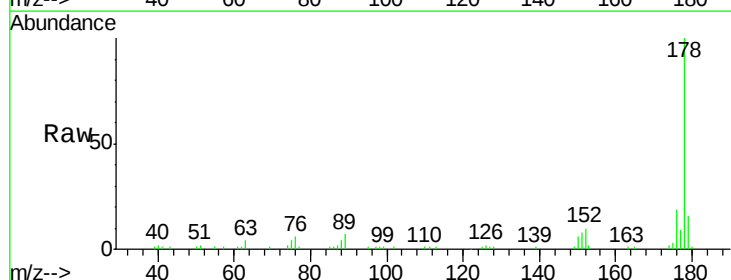
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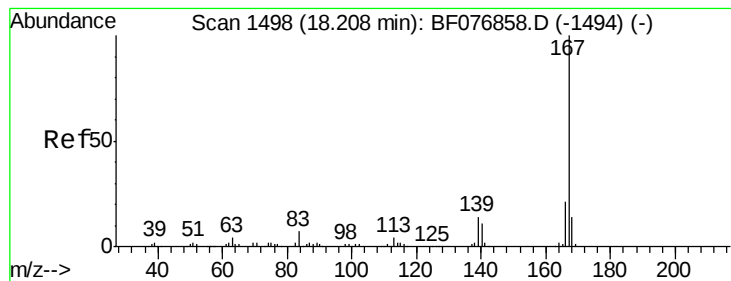
tejaskumar
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#71
Anthracene
Concen: 11.14 ng
RT: 17.84 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.6	11.9	17.9





#72

Carbazole

Concen: 5.72 ng

RT: 18.13 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF076984.D

Acq: 21 Jan 2015 4:48

Instrument :

BNA_F

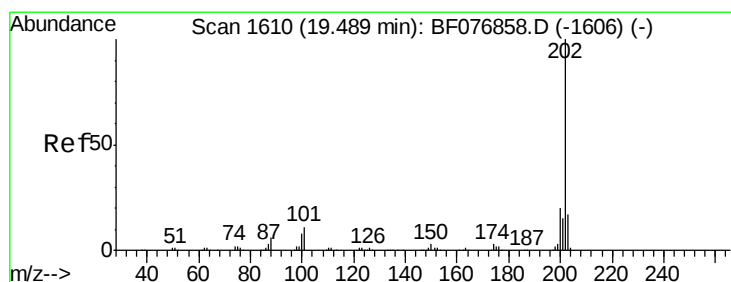
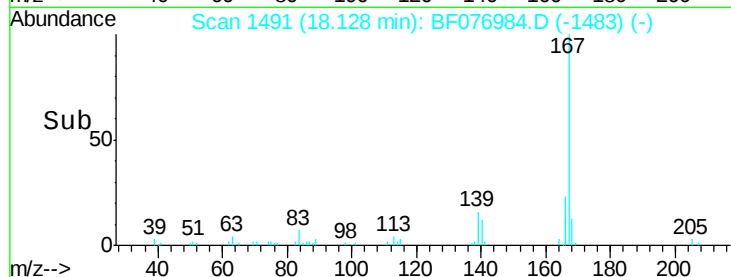
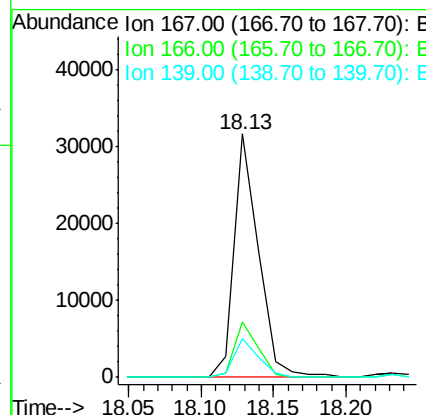
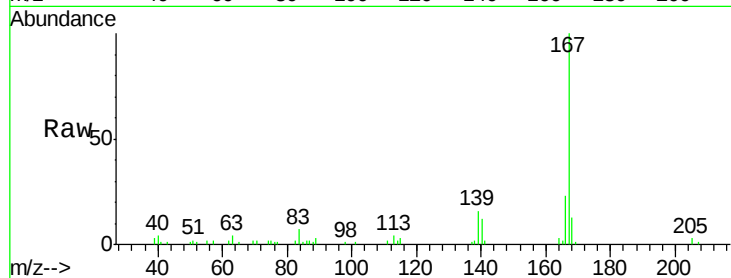
ClientSampleId :

SP-3DL

Tot Ion:	167	Resp:	37105
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.0	25.6
139	15.7	11.3	16.9

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#74

Fluoranthene

Concen: 83.54 ng

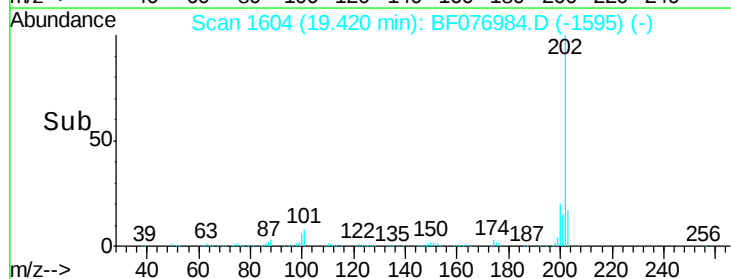
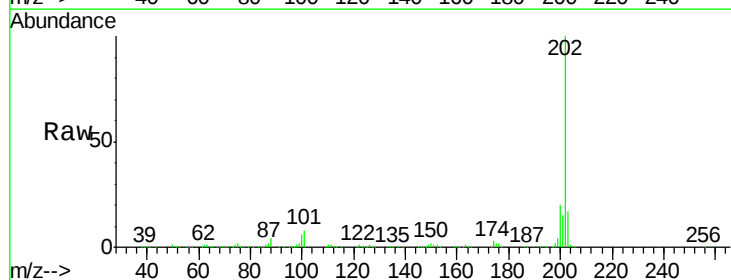
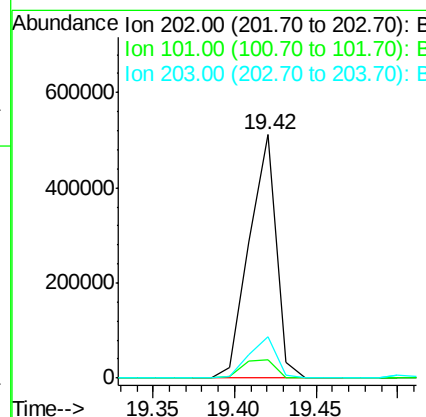
RT: 19.42 min Scan# 1604

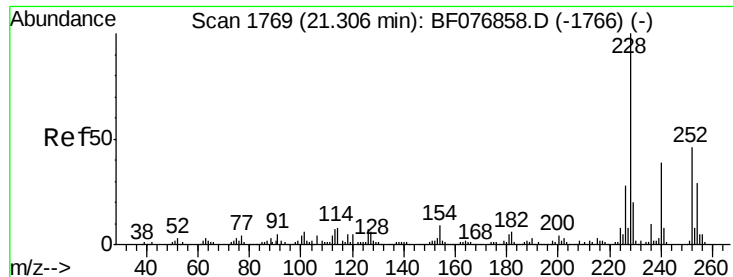
Delta R.T. 0.00 min

Lab File: BF076984.D

Acq: 21 Jan 2015 4:48

Tgt Ion:	202	Resp:	587208
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	30.7
203	17.0	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF076984.D

Acq: 21 Jan 2015 4:48

Instrument :

BNA_F

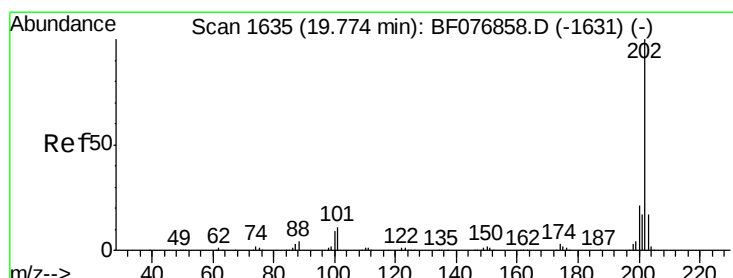
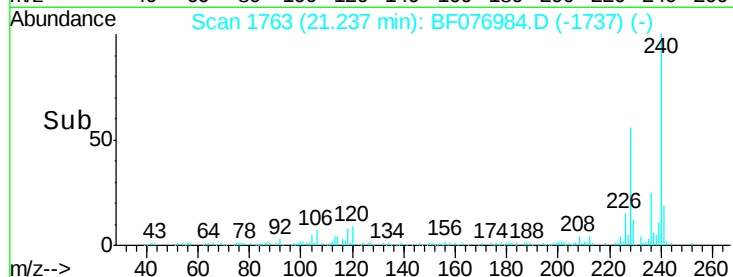
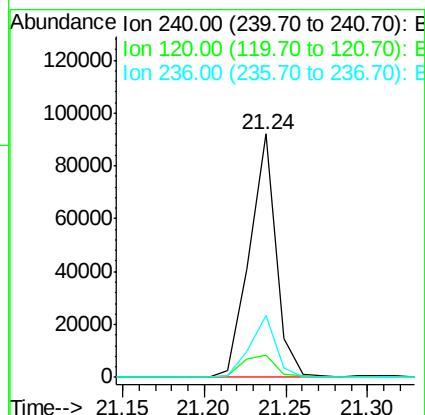
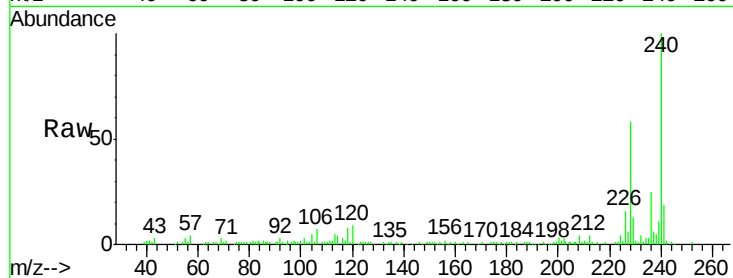
ClientSampleId :

SP-3DL

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.4	10.4	15.6#
236	25.3	20.2	30.2

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#77

Pyrene

Concen: 75.19 ng

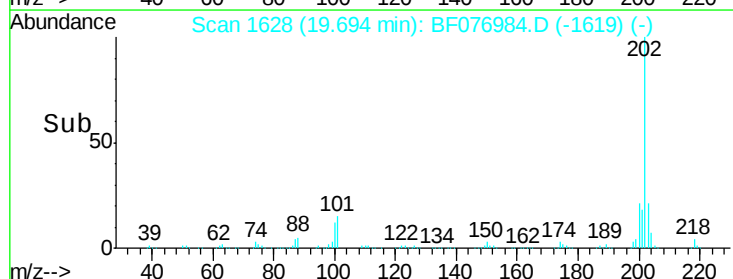
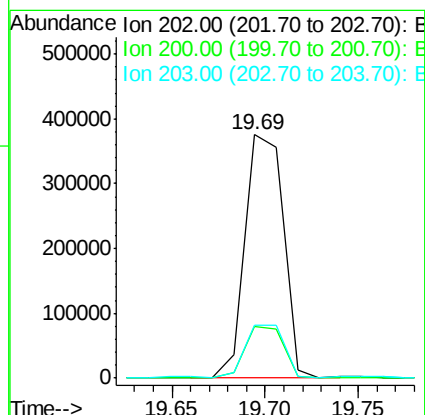
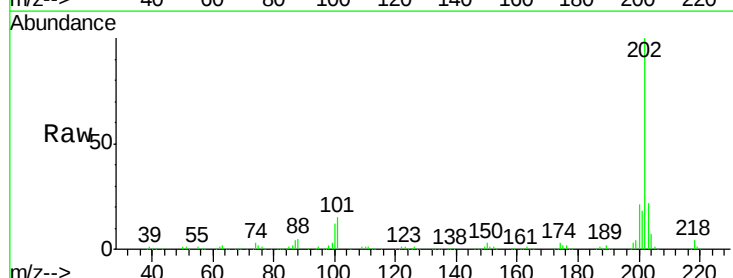
RT: 19.69 min Scan# 1628

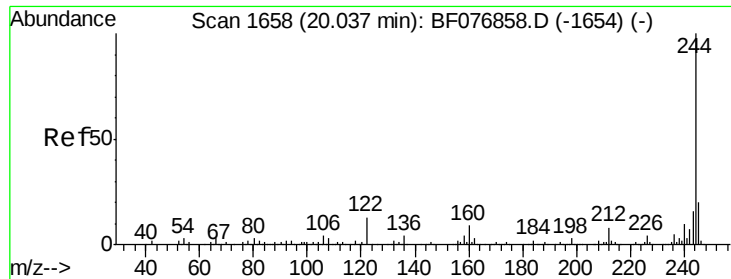
Delta R.T. 0.00 min

Lab File: BF076984.D

Acq: 21 Jan 2015 4:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	16.7	25.1
203	21.7	14.0	21.0#





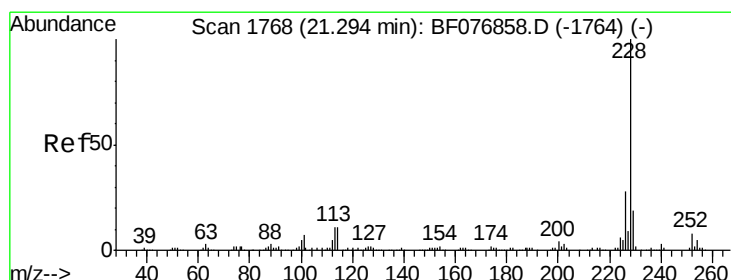
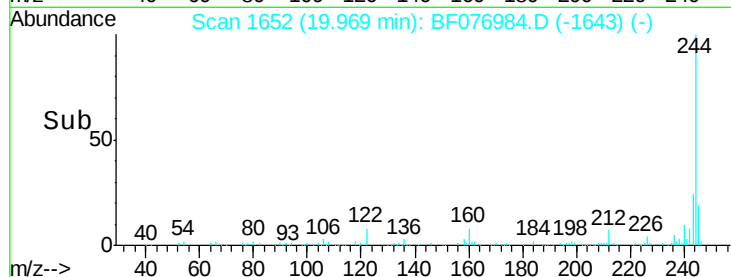
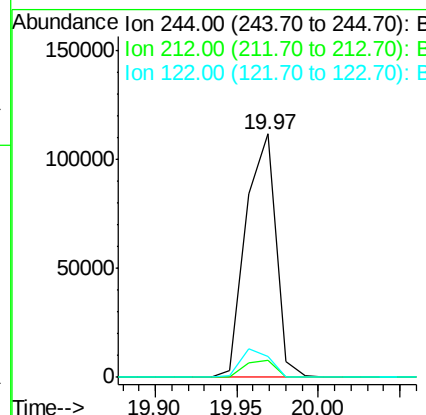
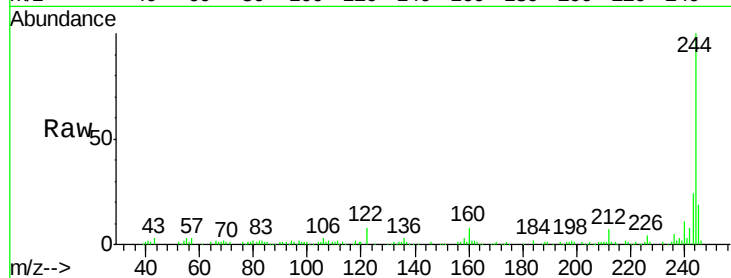
#78
 Terphenyl-d14
 Concen: 31.39 ng
 RT: 19.97 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF076984.D
 Acq: 21 Jan 2015 4:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-3DL

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	6.3	9.5
122	8.4	10.1	15.1

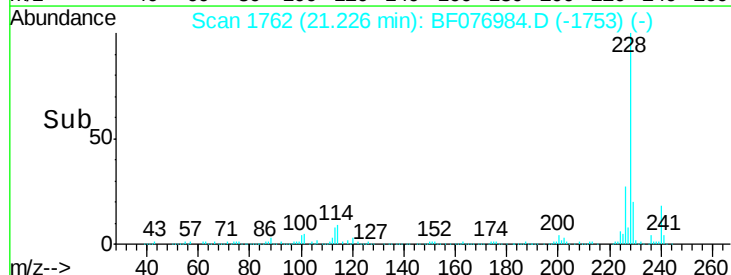
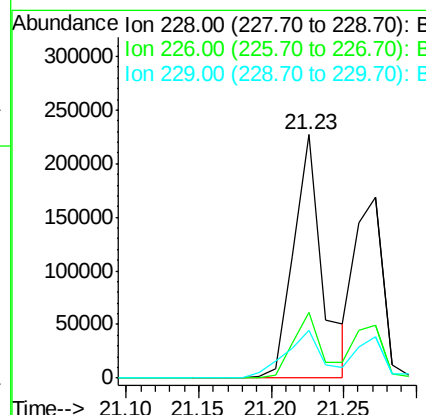
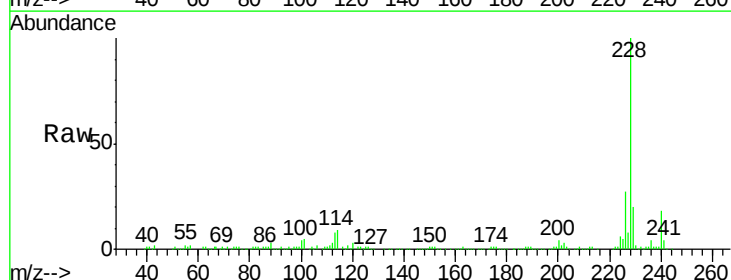
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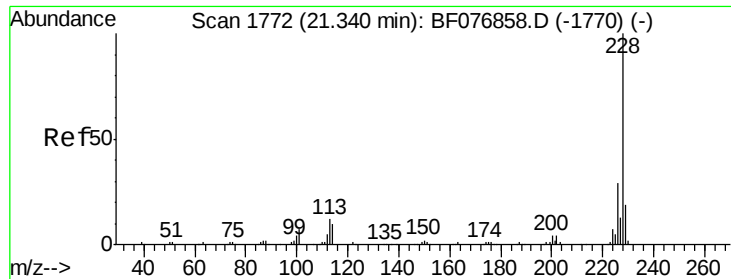
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#80
 Benzo(a)anthracene
 Concen: 47.54 ng
 RT: 21.23 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF076984.D
 Acq: 21 Jan 2015 4:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.1	22.1	33.1
229	19.7	15.5	23.3





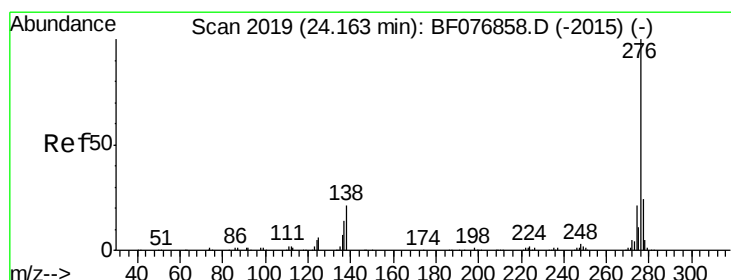
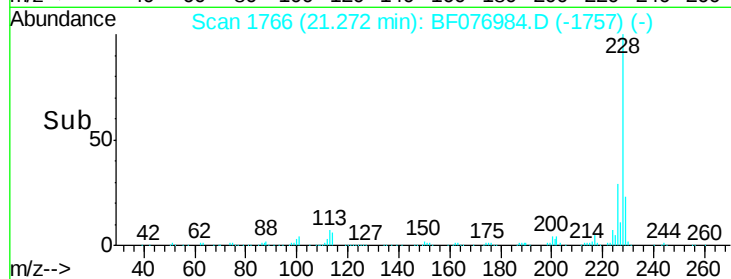
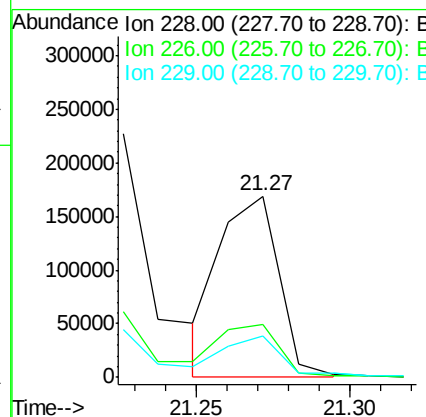
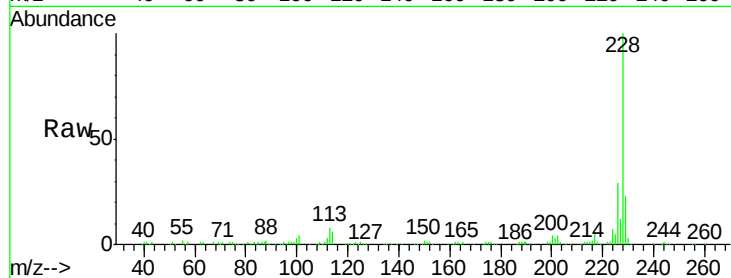
#82
Chrysene
Concen: 37.86 ng/ml
RT: 21.27 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	23.1	15.4	23.0

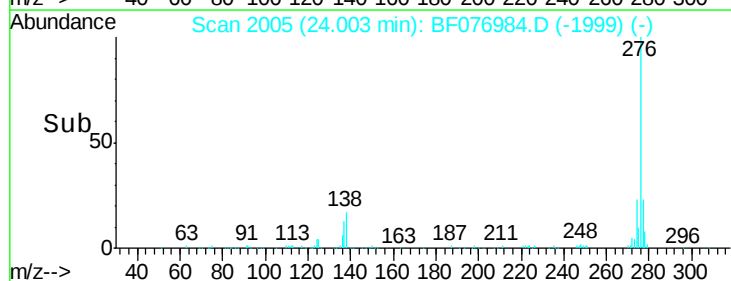
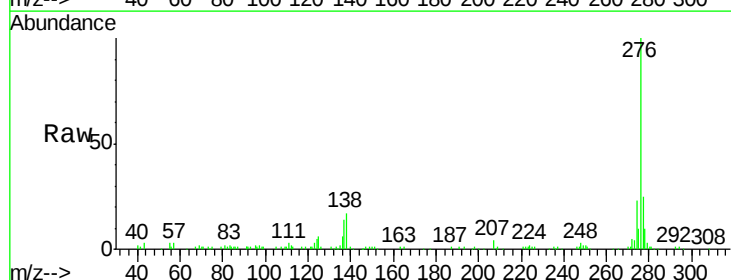
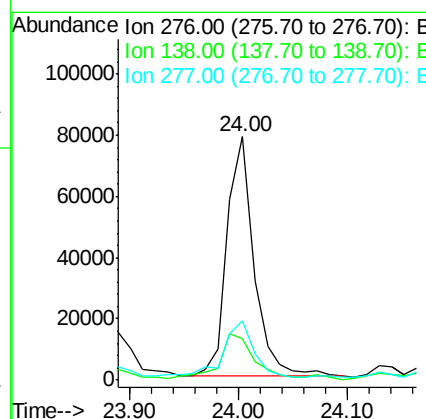
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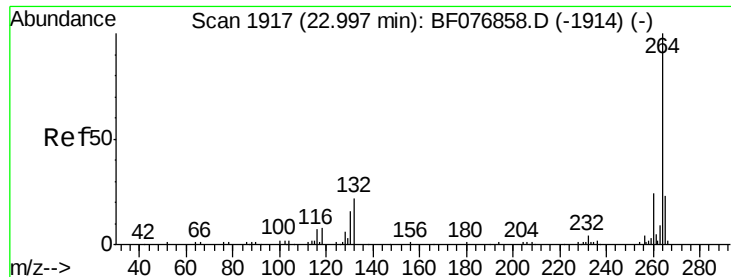
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#85
Indeno(1,2,3-cd)pyrene
Concen: 21.48 ng
RT: 24.00 min Scan# 2005
Delta R.T. -0.03 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	14.6	22.0
277	25.6	14.8	22.2





#86

Pervlene-d12

Concen: 20.00 ng

RT: 22.88 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF076984.D

Acq: 21 Jan 2015 4:48

Instrument :

BNA_F

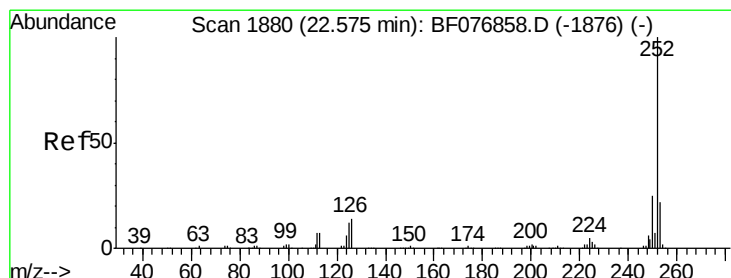
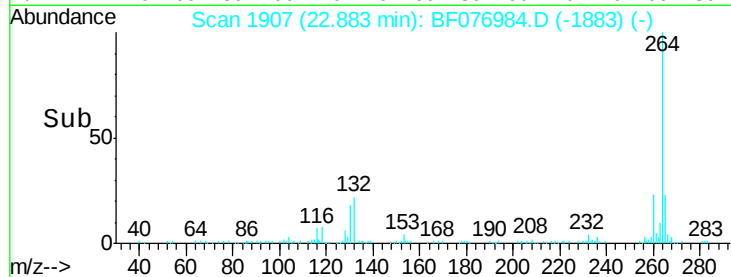
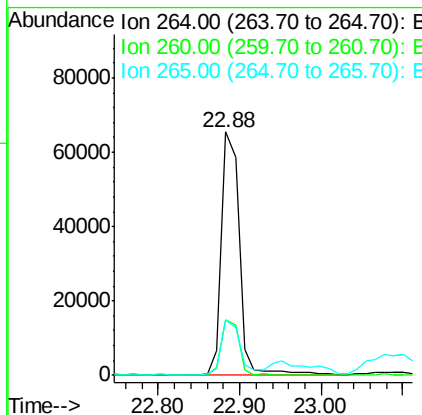
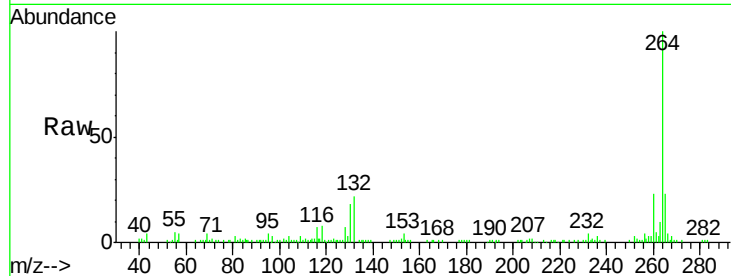
ClientSampleId :

SP-3DL

Tot Ion:	264	Resp:	100196
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.0	28.4
265	22.7	18.1	27.1

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#87

Benzo(b)fluoranthene

Concen: 48.15 ng m

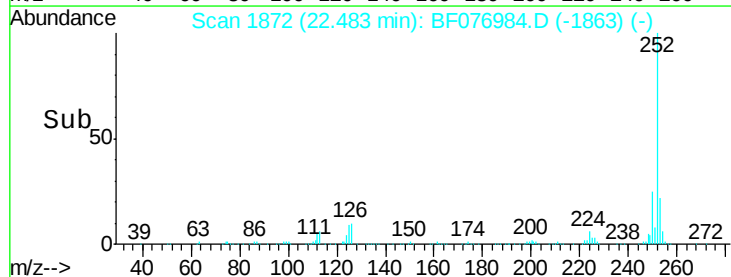
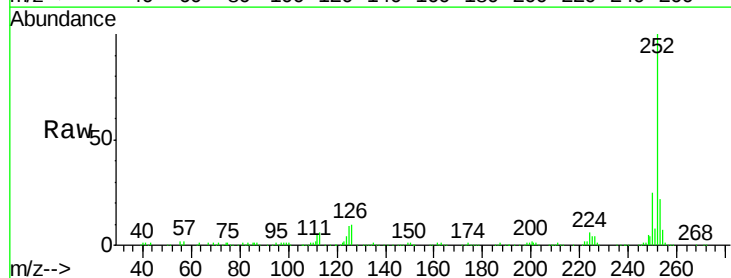
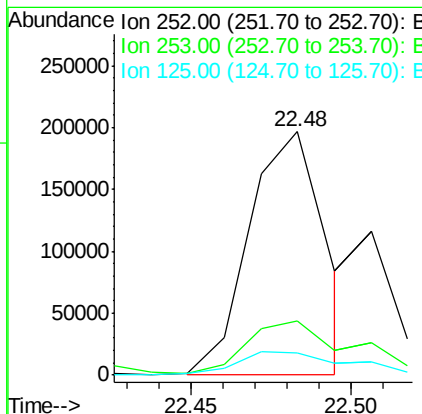
RT: 22.48 min Scan# 1872

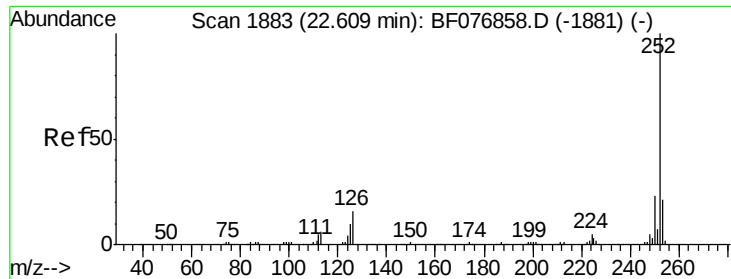
Delta R.T. 0.00 min

Lab File: BF076984.D

Acq: 21 Jan 2015 4:48

Tgt Ion:	252	Resp:	324952
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	9.3	9.4	14.0#





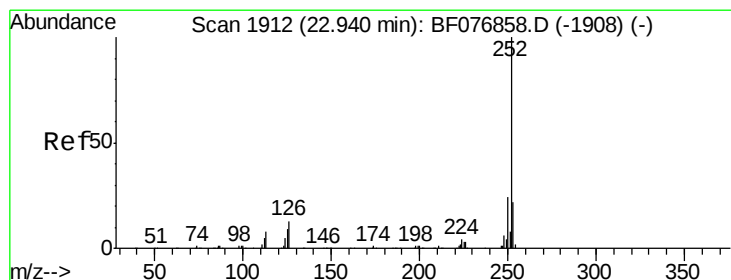
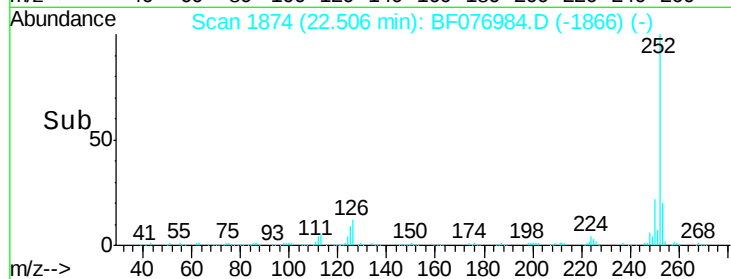
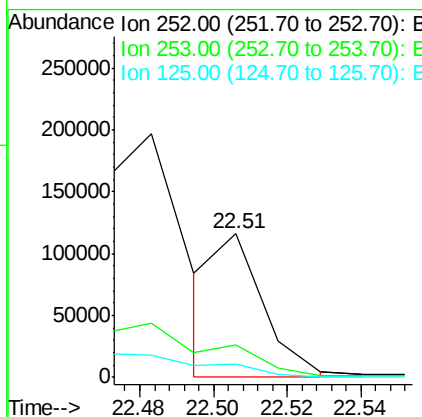
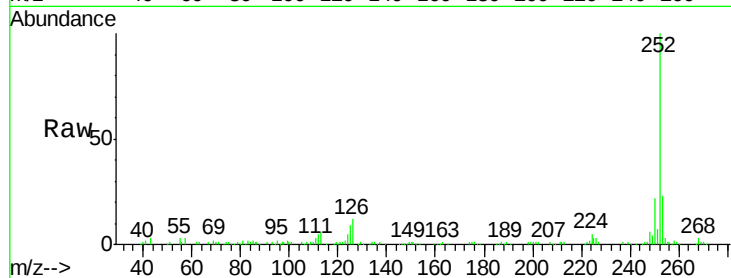
#88
Benzo(k)fluoranthene
Concen: 17.38 ng m
RT: 22.51 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Instrument :
BNA_F
ClientSampled :
SP-3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	9.3	7.1	10.7

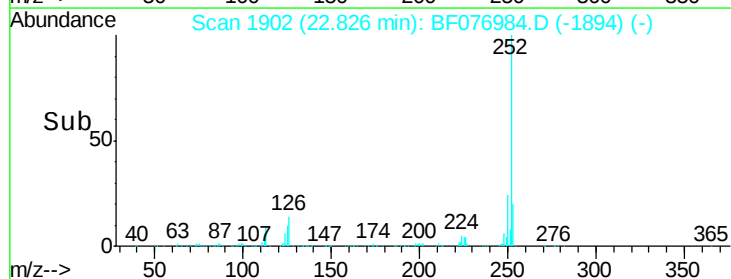
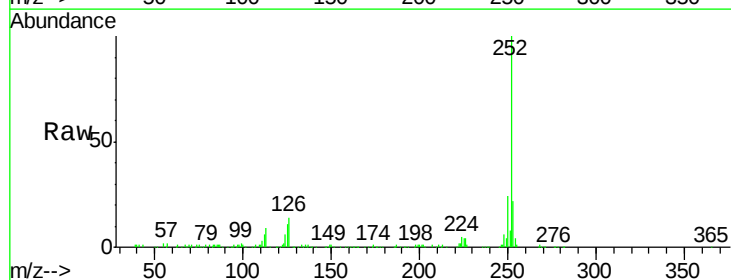
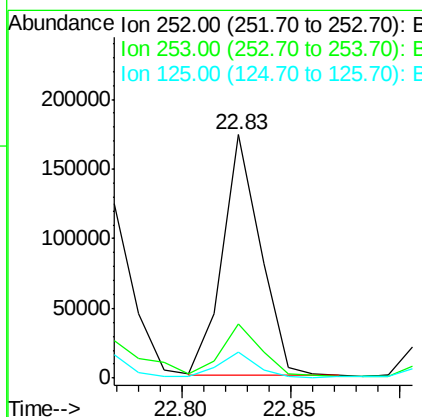
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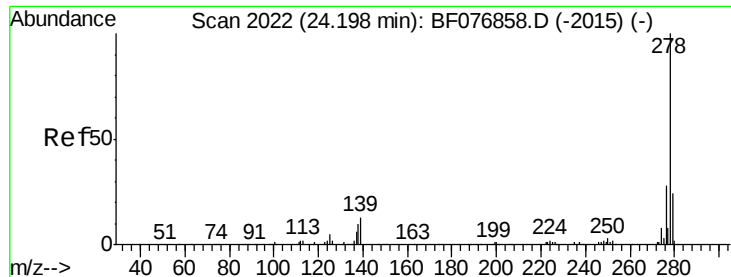
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#89
Benzo(a)pyrene
Concen: 34.78 ng
RT: 22.83 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.7	7.2	10.8





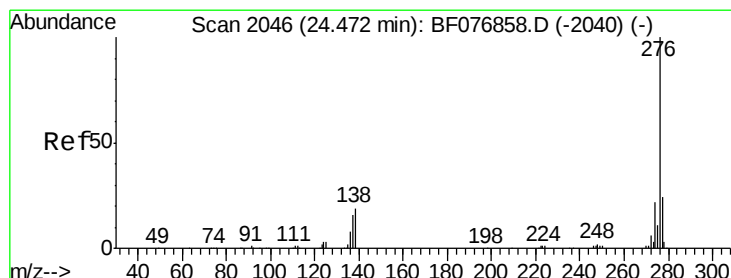
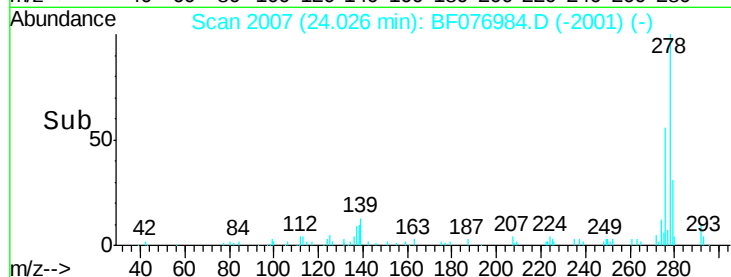
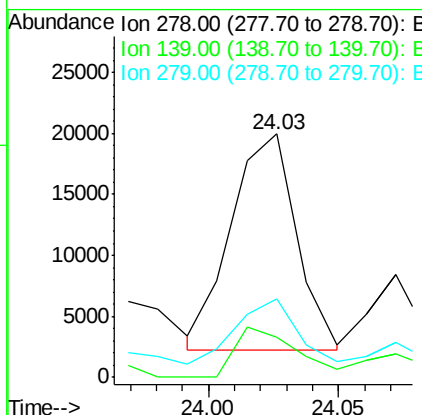
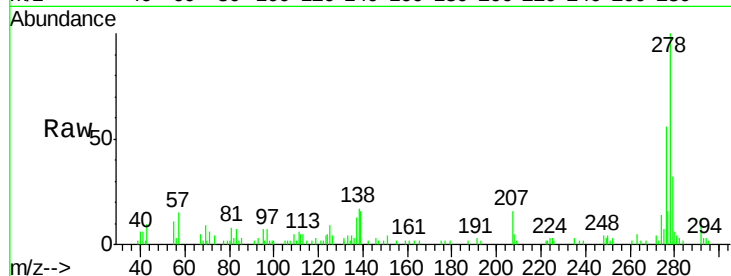
#90
Dibenzo(a,h)anthracene
Concen: 5.61 ng/ml
RT: 24.03 min Scan# 2007
Delta R.T. -0.03 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	10.5	15.7#
279	32.2	19.3	28.9#

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#91
Benzo(g,h,i)perylene
Concen: 23.04 ng/ml
RT: 24.29 min Scan# 2030
Delta R.T. -0.03 min
Lab File: BF076984.D
Acq: 21 Jan 2015 4:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	24.6	15.0	22.6#

