

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF088992.D
 Acq On : 14 Jul 2016 18:16
 Operator : UM/SJ
 Sample : PB92031BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92031BS

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:16:25 AM

Quant Time: Jul 15 03:07:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	60545	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	256652	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	123600	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	225579	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	142174	20.00	ng	-0.03
86) Perylene-d12	15.18	264	99272	20.00	ng	-0.03

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System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	268001	66.34	ng	-0.01
7) Phenol-d6	6.34	99	370686	71.01	ng	-0.01
23) Nitrobenzene-d5	7.26	82	330544	67.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	72442	63.12	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	596264	76.20	ng	-0.02
78) Terphenyl-d14	12.78	244	510335	79.95	ng	-0.02

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	70719	35.31	ng	# 25
3) Pyridine	2.88	79	125875	21.66	ng	92
4) n-Nitrosodimethylamine	2.83	42	64696	29.14	ng	97
6) Aniline	6.34	93	164565	21.63	ng	# 49
8) 2-Chlorophenol	6.47	128	150549	34.67	ng	95
9) Benzaldehyde	6.23	77	46007	13.01	ng	94
10) Phenol	6.35	94	222167	37.29	ng	82
11) bis(2-Chloroethyl)ether	6.42	93	140833	31.70	ng	94
12) 1,3-Dichlorobenzene	6.63	146	157583	32.98	ng	96
13) 1,4-Dichlorobenzene	6.71	146	154716	32.62	ng	97
14) 1,2-Dichlorobenzene	6.86	146	151290m	34.08	ng	
15) Benzyl Alcohol	6.83	79	143718	37.41	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.98	45	179870	27.96	ng	85
17) 2-Methylphenol	6.96	107	127661	36.04	ng	93
18) Hexachloroethane	7.20	117	62034	33.82	ng	90
19) n-Nitroso-di-n-propylamine	7.11	70	114915	32.77	ng	97
20) 3+4-Methylphenols	7.12	107	180340	42.42	ng	# 76
22) Acetophenone	7.11	105	232923	37.39	ng	# 91
24) Nitrobenzene	7.28	77	172887	35.01	ng	100
25) Isophorone	7.52	82	322003	35.49	ng	97
26) 2-Nitrophenol	7.59	139	77114	38.08	ng	# 91
27) 2,4-Dimethylphenol	7.64	122	159738	37.88	ng	89
28) bis(2-Chloroethoxy)methane	7.74	93	216927	36.74	ng	# 96
29) 2,4-Dichlorophenol	7.84	162	142596	41.84	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	140307	37.51	ng	99
31) Naphthalene	8.00	128	461273	36.46	ng	99
33) 4-Chloroaniline	8.04	127	112790	20.04	ng	97
34) Hexachlorobutadiene	8.11	225	65701	32.80	ng	98
35) Caprolactam	8.42	113	39775m	34.36	ng	
36) 4-Chloro-3-methylphenol	8.54	107	164407	40.79	ng	87
37) 2-Methylnaphthalene	8.68	142	317622	38.99	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	140004	34.06	ng	# 1
40) Hexachlorocyclopentadiene	8.84	237	128529	63.70	ng	100
42) 2,4,6-Trichlorophenol	8.97	196	98422	36.31	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.02	196	101710	43.61	nq	99
45) 1,1'-Biphenyl	9.15	154	399444	39.03	nq	95
46) 2-Chloronaphthalene	9.16	162	289512	36.03	nq	95
47) 2-Nitroaniline	9.27	65	98968	34.71	nq	98
48) Acenaphthylene	9.59	152	491112	38.41	nq	99
49) Dimethylphthalate	9.46	163	383597	43.56	nq	98
50) 2,6-Dinitrotoluene	9.52	165	84414	43.25	nq	99
51) Acenaphthene	9.76	154	297508	37.96	nq	97
52) 3-Nitroaniline	9.68	138	66574	26.83	nq	95
53) 2,4-Dinitrophenol	9.78	184	11920	13.83	nq	# 68
54) Dibenzofuran	9.93	168	421634	41.11	nq	96
55) 4-Nitrophenol	9.86	139	131846	69.93	nq	90
56) 2,4-Dinitrotoluene	9.92	165	116775	45.76	nq	# 63
57) Fluorene	10.26	166	301214	38.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	67926	37.65	nq	# 44
59) Diethylphthalate	10.15	149	363117	41.09	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	156485	42.61	nq	95
61) 4-Nitroaniline	10.30	138	86316	36.15	nq	94
62) Azobenzene	10.42	77	435624	43.22	nq	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	20632	17.10	nq	94
65) n-Nitrosodiphenylamine	10.39	169	299056	39.17	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	86903	38.23	nq	# 90
67) Hexachlorobenzene	10.81	284	87110	34.62	nq	96
68) Atrazine	10.91	200	84340	35.45	nq	92
69) Pentachlorophenol	11.00	266	54496	36.59	nq	97
70) Phenanthrene	11.22	178	524788	42.56	nq	98
71) Anthracene	11.27	178	450269	36.72	nq	99
72) Carbazole	11.43	167	444568	38.52	nq	99
73) Di-n-butylphthalate	11.77	149	602072	44.85	nq	99
74) Fluoranthene	12.40	202	491371	39.31	nq	98
76) Benzidine	12.52	184	192324	26.76	nq	97
77) Pyrene	12.63	202	495034	41.07	nq	98
79) Butylbenzylphthalate	13.26	149	224432	41.74	nq	95
80) Benzo(a)anthracene	13.81	228	345437	37.73	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	51673	15.01	nq	# 96
82) Chrysene	13.84	228	272598	30.10	nq	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	272973	44.47	nq	99
84) Di-n-octyl phthalate	14.42	149	385314	36.95	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.46	276	268623	38.55	nq	# 100
87) Benzo(b)fluoranthene	14.80	252	301785m	48.46	nq	
88) Benzo(k)fluoranthene	14.83	252	184917m	34.11	nq	
89) Benzo(a)pyrene	15.12	252	229952	43.61	nq	100
90) Dibenzo(a,h)anthracene	16.47	278	223782	50.83	nq	99
91) Benzo(g,h,i)perylene	16.83	276	228227	50.09	nq	98

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

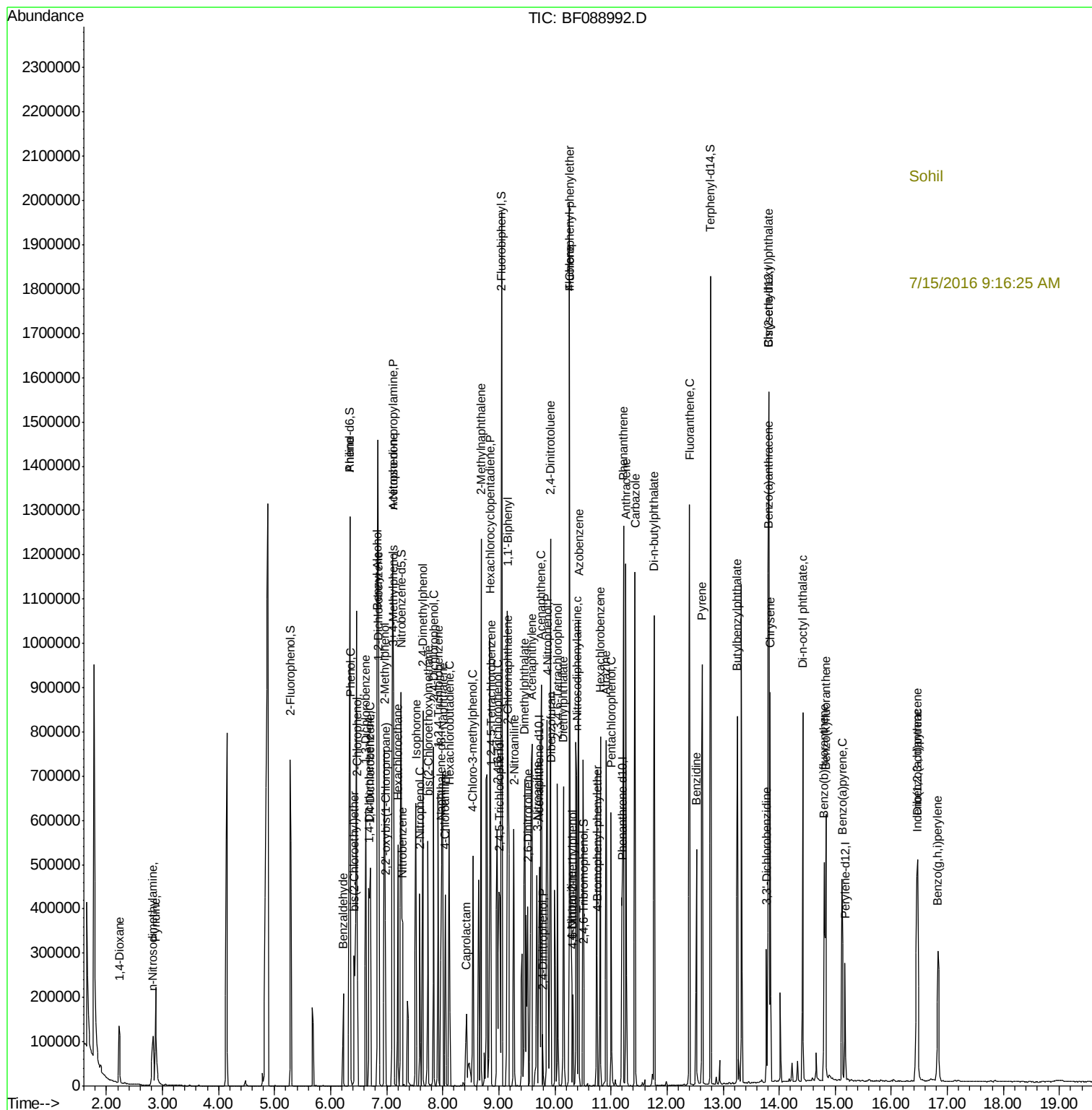
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#1

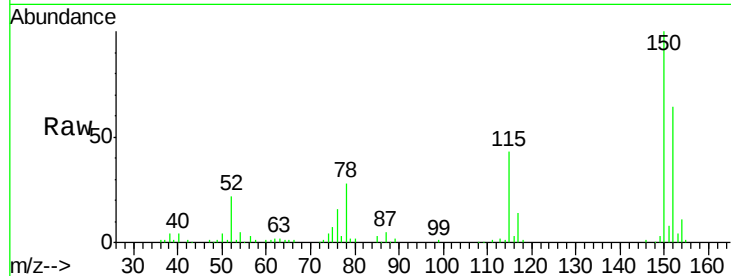
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB92031BS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
150	156.5	123.8	185.6	
115	67.7	39.6	59.4	

Manual Integrations

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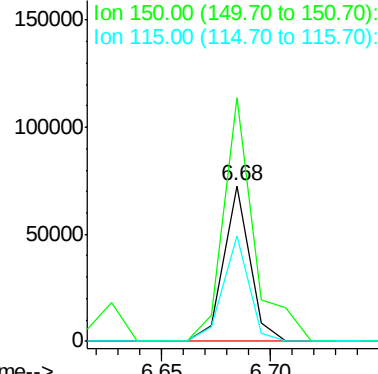


Abundance

Ion 152.00 (151.70 to 152.70): E

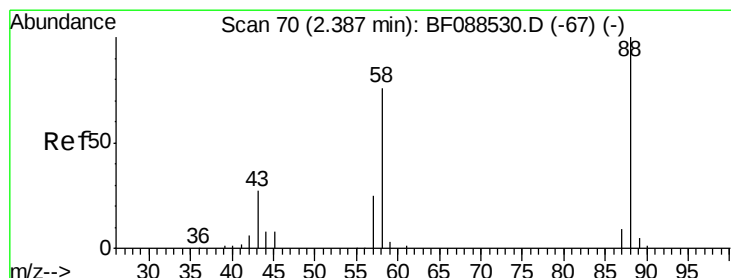
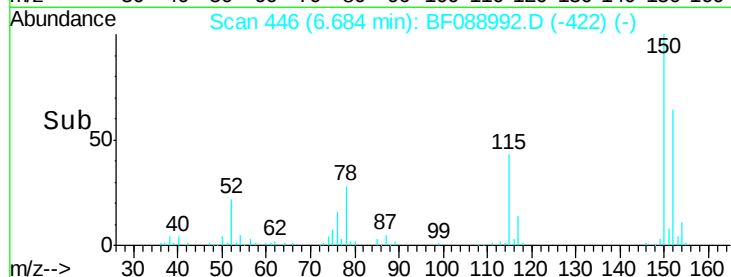
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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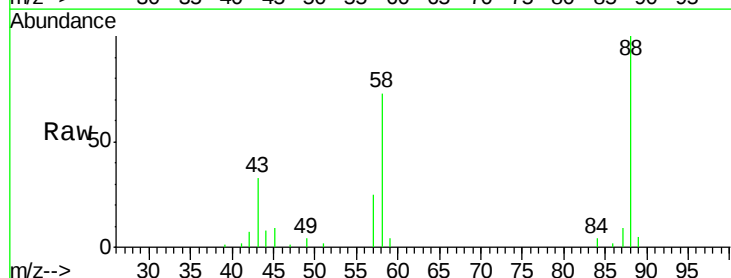
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#2

1,4-Dioxane
Concen: 35.31 ng
RT: 2.23 min Scan# 56
Delta R.T. 0.01 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ion	Ratio	Lower	Upper
88	100			
58	71.6	0.0	0.0	
43	29.0	3.4	5.2	

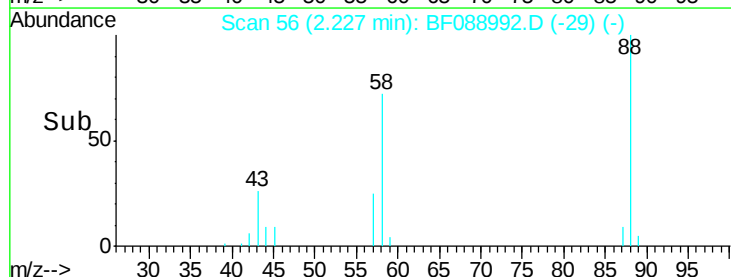
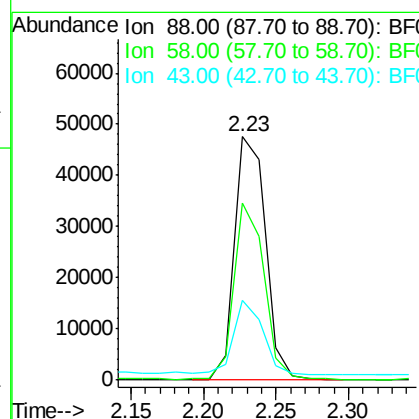


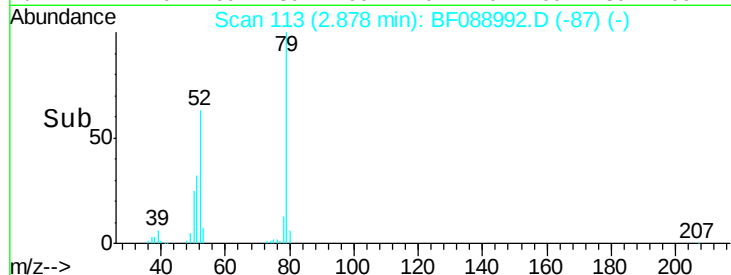
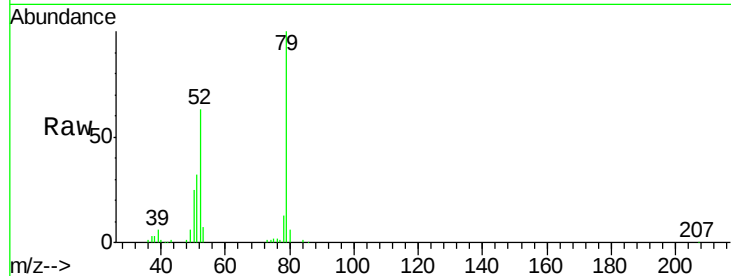
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

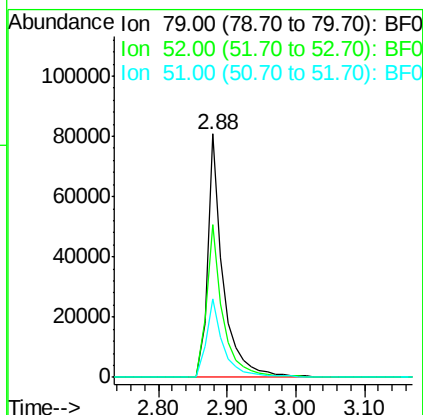
Ion 43.00 (42.70 to 43.70): BF0





#3
 Pvridine
 Concen: 21.66 ng
 RT: 2.88 min Scan# 113
 Delta R.T. -0.00 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Tot Ion:	79	Resp:	125875
Ion	Ratio	Lower	Upper
79	100		
52	62.5	56.3	84.5
51	32.3	27.4	41.2



Instrument :
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 ClientSampleId :
 PB92031BS

Manual Integrations

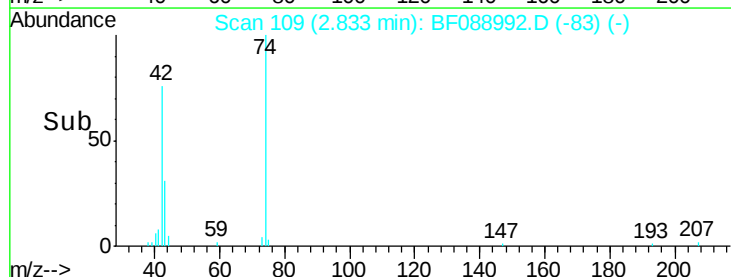
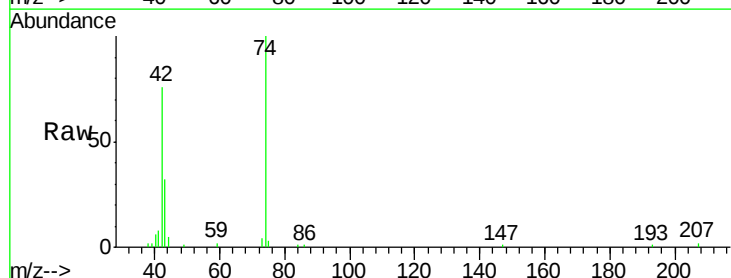
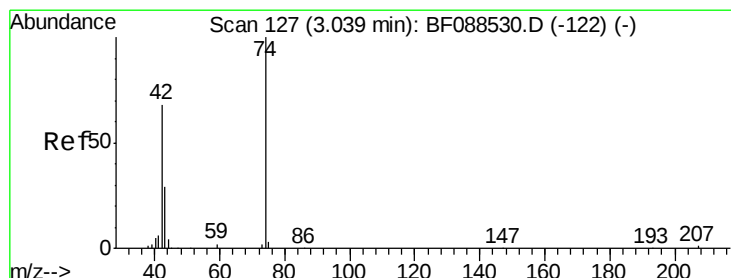
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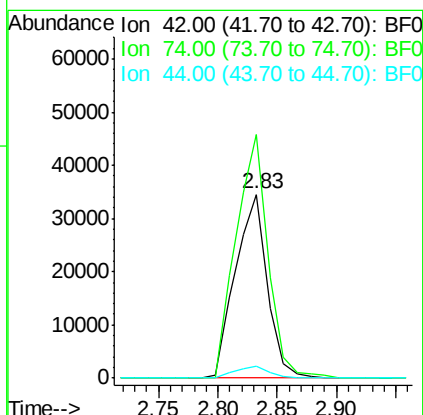
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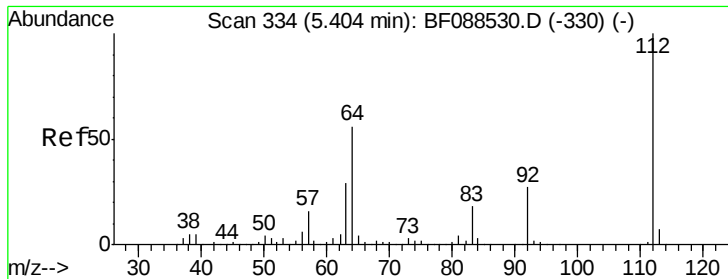
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#4
 n-Nitrosodimethylamine
 Concen: 29.14 ng
 RT: 2.83 min Scan# 109
 Delta R.T. -0.00 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Tgt Ion:	42	Resp:	64696
Ion	Ratio	Lower	Upper
42	100		
74	132.4	108.6	163.0
44	6.4	5.5	8.3





#5

2-Fluorophenol

Concen: 66.34 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Instrument :

BNA_F

ClientSampled :

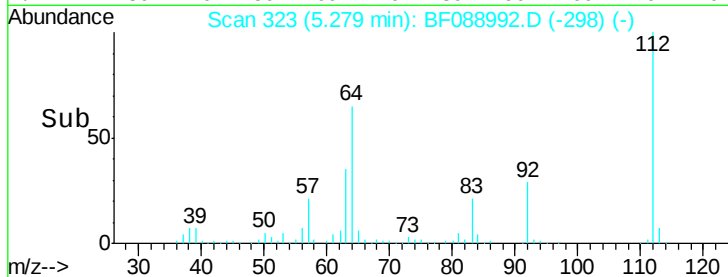
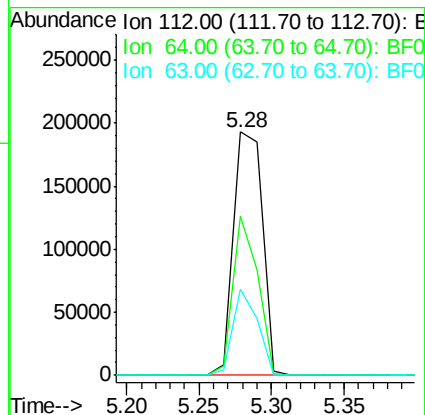
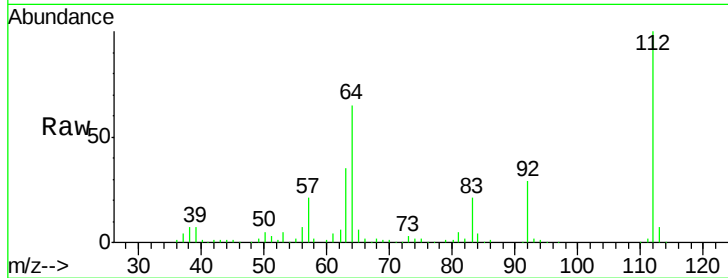
PB92031BS

Tot Ion:	112	Resp:	268001
Ion Ratio	Lower	Upper	
112	100		
64	65.1	42.2	63.2#
63	35.2	21.8	32.8#

Manual Integrations

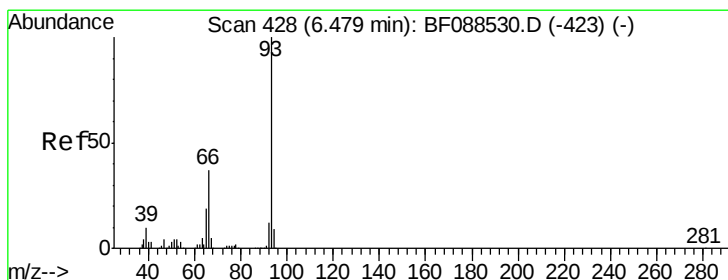
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#6

Aniline

Concen: 21.63 ng

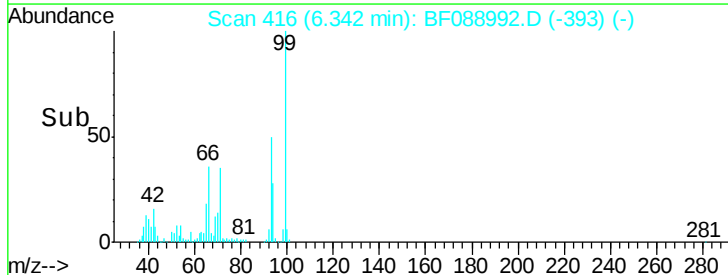
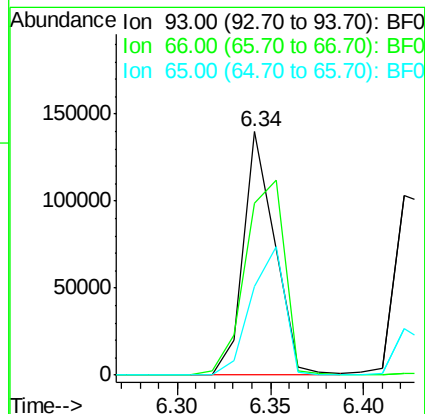
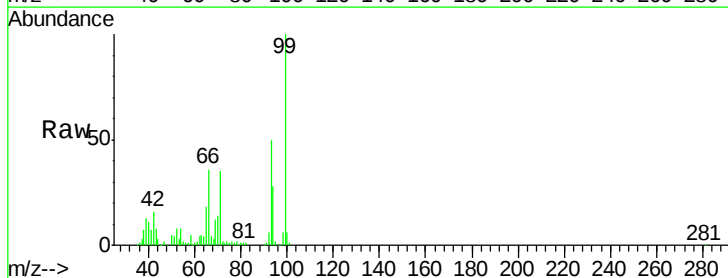
RT: 6.34 min Scan# 416

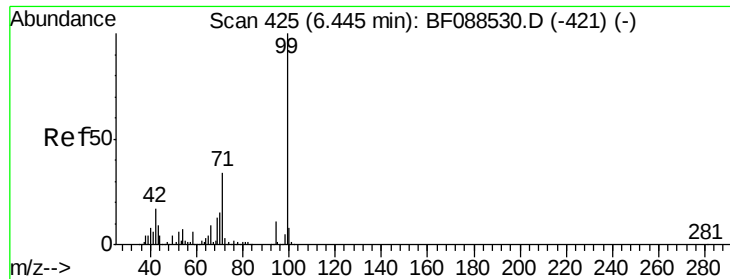
Delta R.T. -0.03 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Tgt Ion:	93	Resp:	164565
Ion Ratio	Lower	Upper	
93	100		
66	70.8	29.8	44.8#
65	36.6	14.9	22.3#





#7

Phenol-d6

Concen: 71.01 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Instrument :

BNA_F

ClientSampled :

PB92031BS

Tot Ion: 99 Resp: 370686

Ion Ratio Lower Upper

99 100

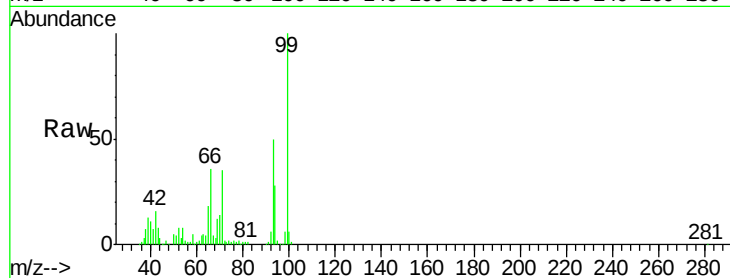
42 15.7 12.2 18.2

71 35.0 23.4 35.0

Manual Integrations

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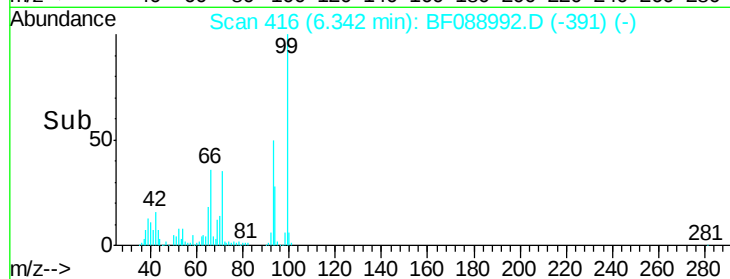
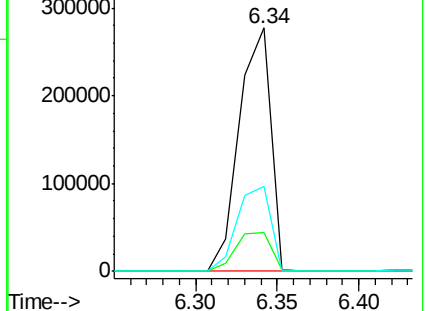
7/15/2016 9:16:25 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0

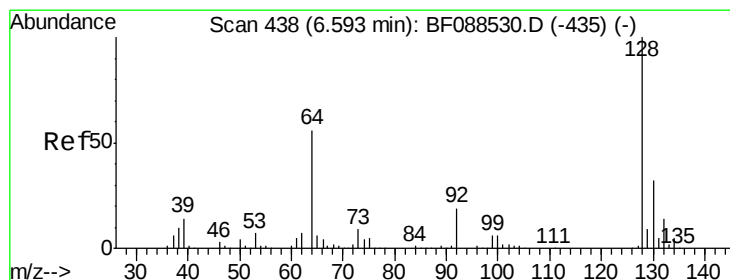
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 34.67 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

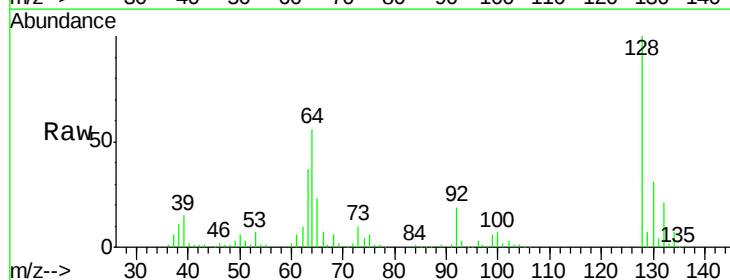
Tgt Ion: 128 Resp: 150549

Ion Ratio Lower Upper

128 100

130 31.4 12.0 52.0

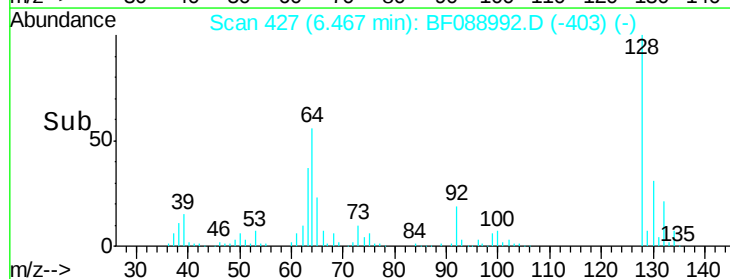
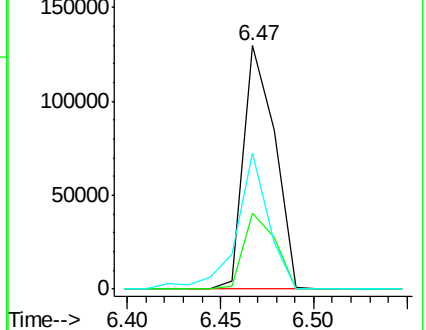
64 55.9 30.8 70.8

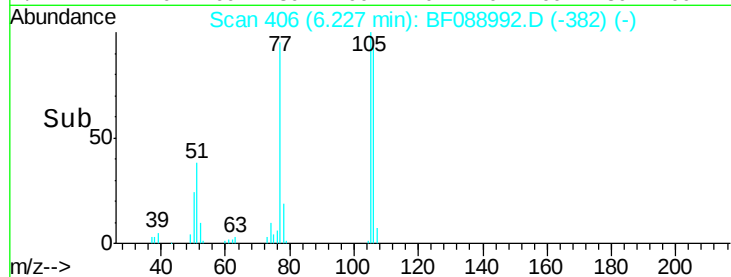
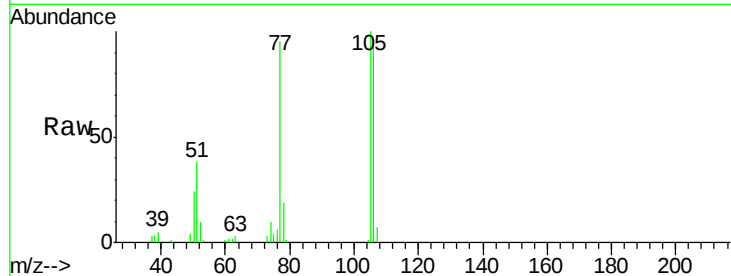


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.01 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Tot Ion:	77	Resp:	46007
Ion	Ratio	Lower	Upper
77	100		
105	104.9	90.6	130.6
106	97.5	85.3	125.3

Instrument :

BNA_F

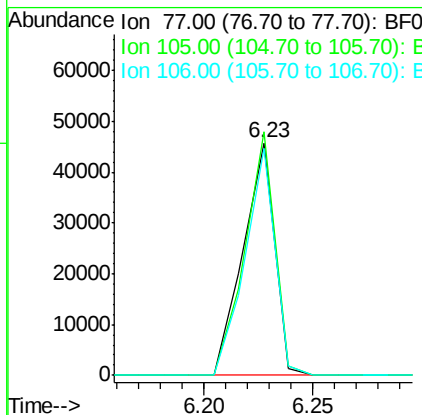
ClientSampleId :

PB92031BS

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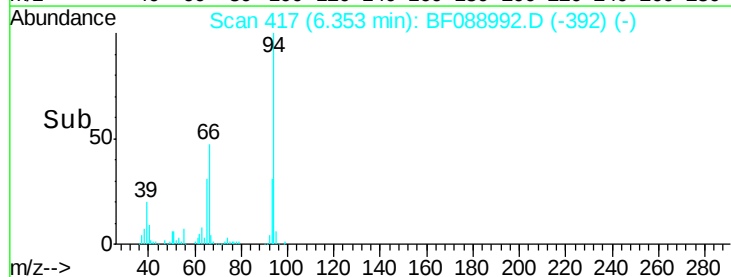
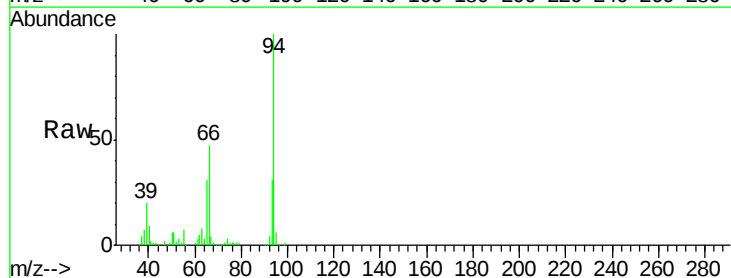
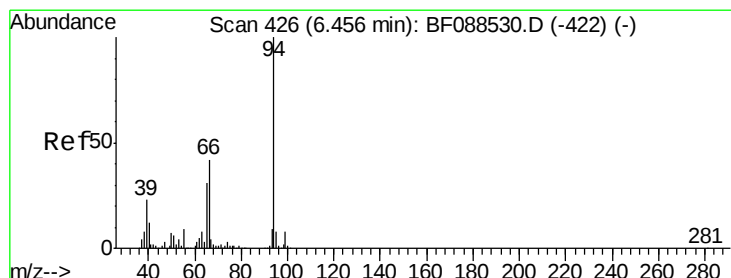
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#10

Phenol

Concen: 37.29 ng

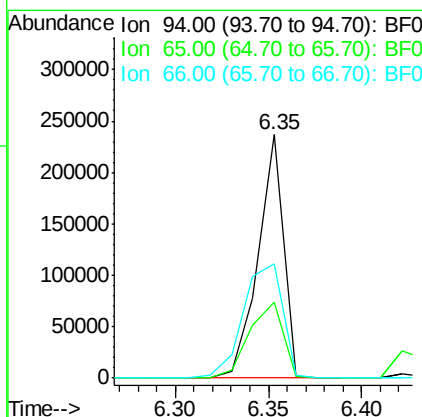
RT: 6.35 min Scan# 417

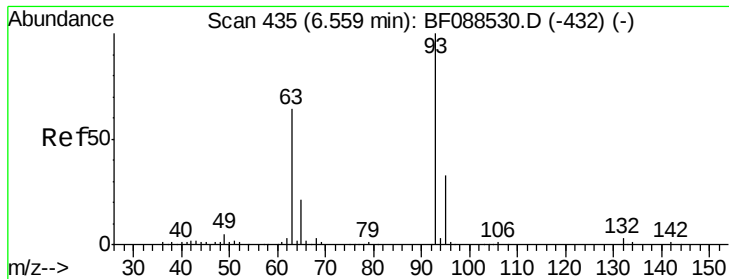
Delta R.T. -0.01 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Tgt Ion:	94	Resp:	222167
Ion	Ratio	Lower	Upper
94	100		
65	31.2	5.9	45.9
66	47.2	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 31.70 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Tot Ion:	93	Resp:	140833
Ion Ratio	Lower	Upper	
93	100		
63	80.7	67.6	107.6
95	31.4	12.5	52.5

Instrument :

BNA_F

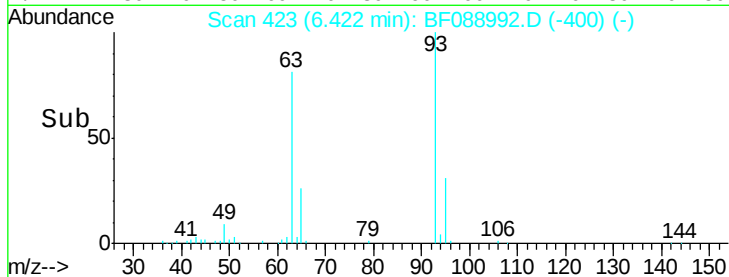
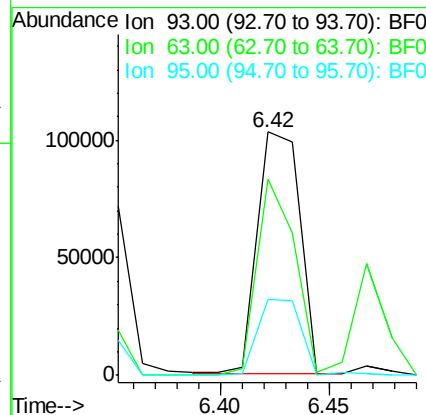
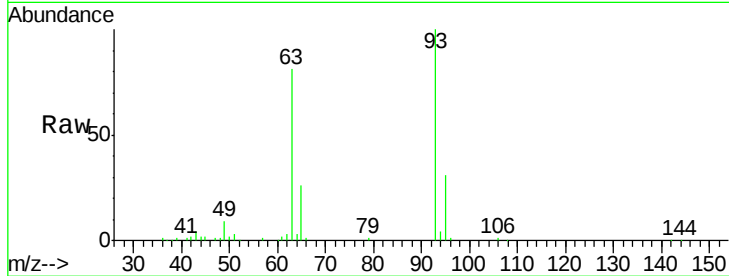
ClientSampled :

PB92031BS

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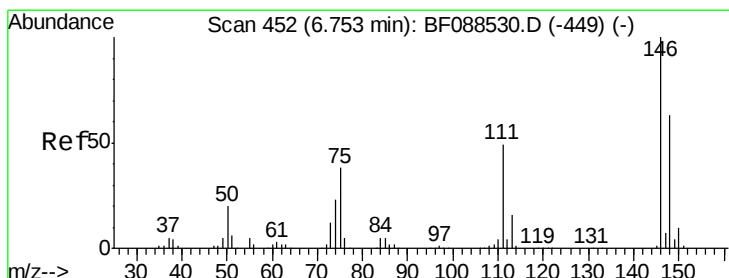
Sohil

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#12

1,3-Dichlorobenzene

Concen: 32.98 ng

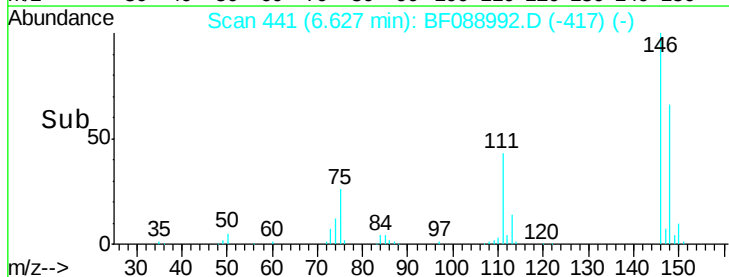
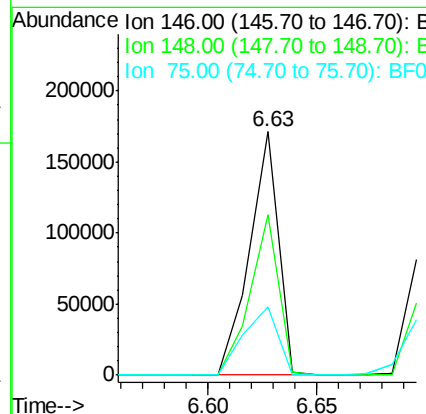
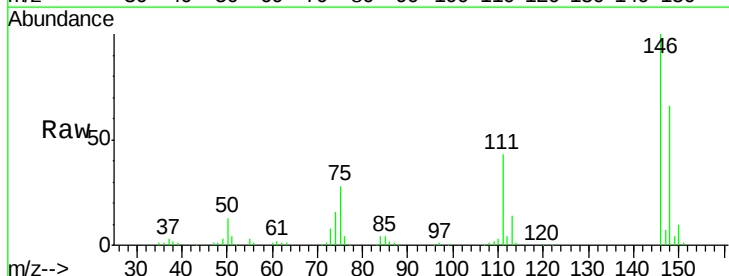
RT: 6.63 min Scan# 441

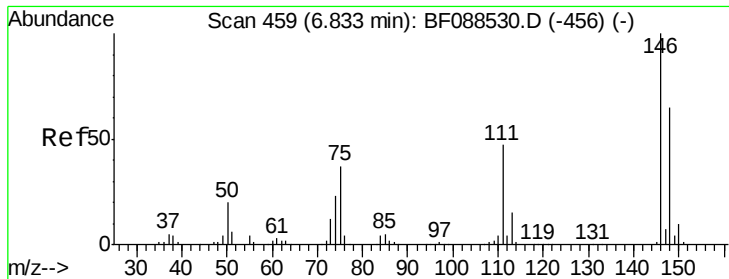
Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Tgt Ion:	146	Resp:	157583
Ion Ratio	Lower	Upper	
146	100		
148	65.9	50.9	76.3
75	27.8	25.6	38.4





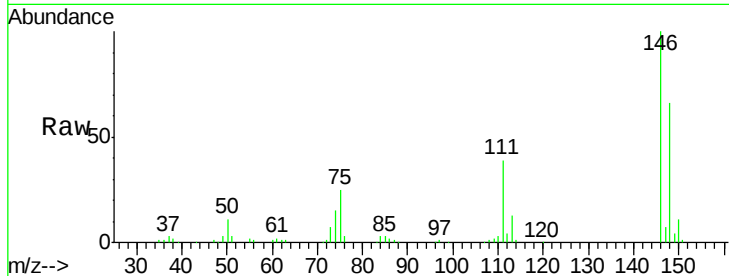
#13
 1,4-Dichlorobenzene
 Concen: 32.62 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Instrument :
 BNA_F
 ClientSampled :
 PB92031BS

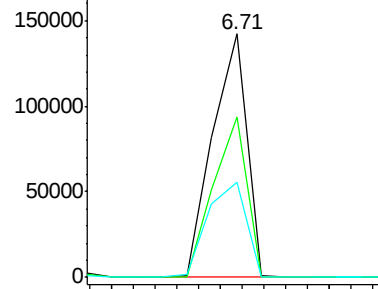
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.0	78.0
111	39.1	33.8	50.8

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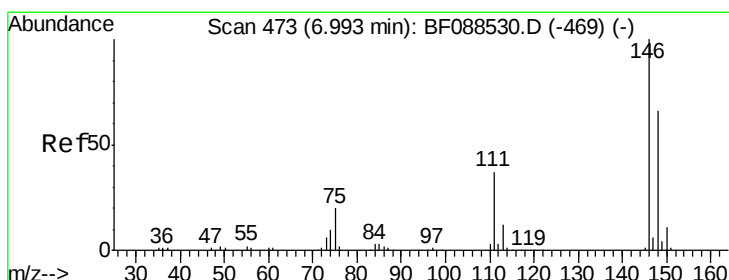
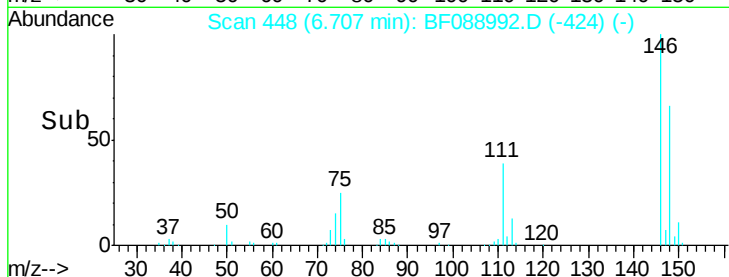


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



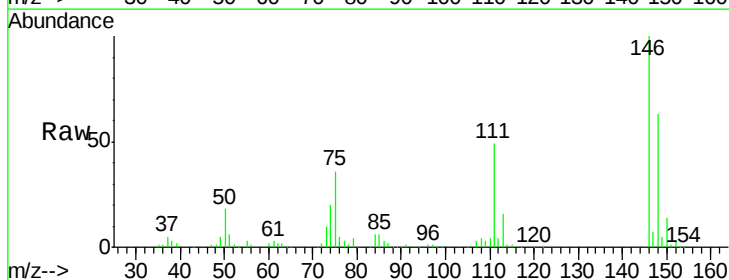
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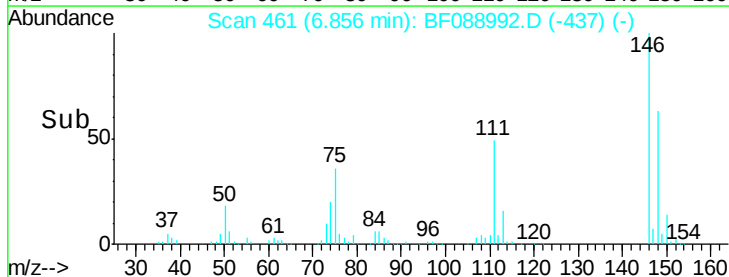
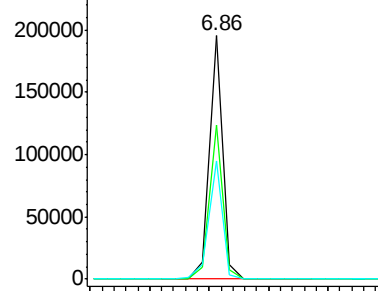


#14
 1,2-Dichlorobenzene
 Concen: 34.08 ng m
 RT: 6.86 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.3	78.5
111	48.6	28.7	43.1#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.41 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Instrument :

BNA_F

ClientSampled :

PB92031BS

Tot Ion: 79 Resp: 143718

Ion Ratio Lower Upper

79 100

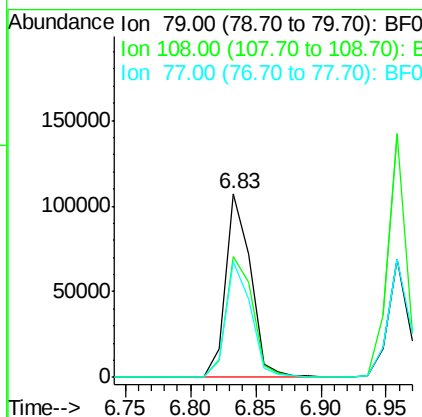
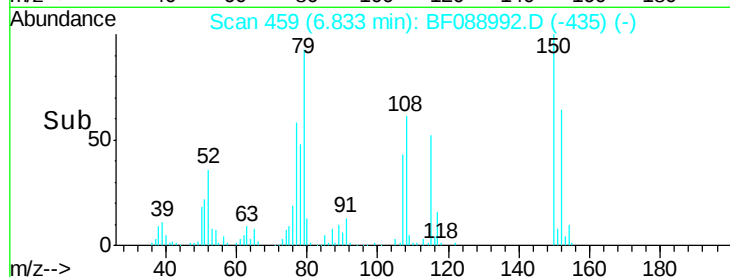
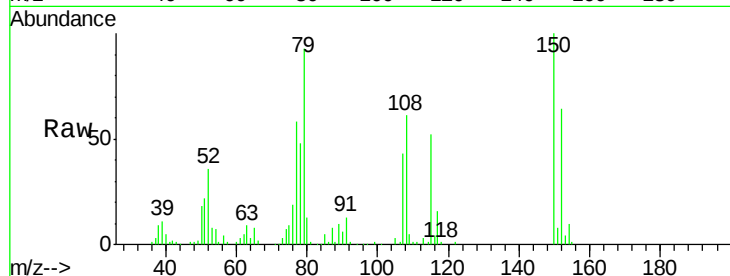
108 66.1 65.0 97.6

77 62.8 50.3 75.5

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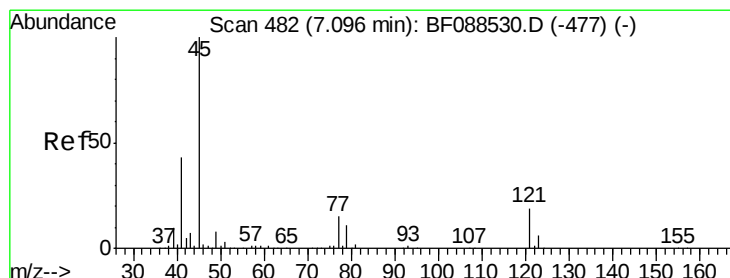
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#16

2,2'-oxybis(1-chloropropane)

Concen: 27.96 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

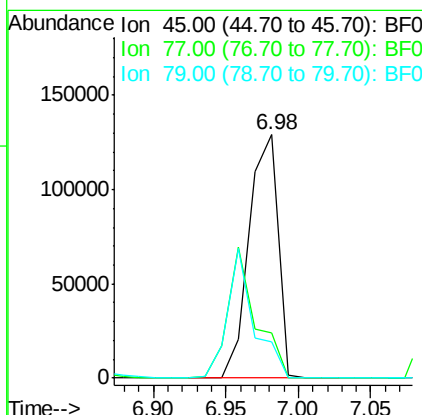
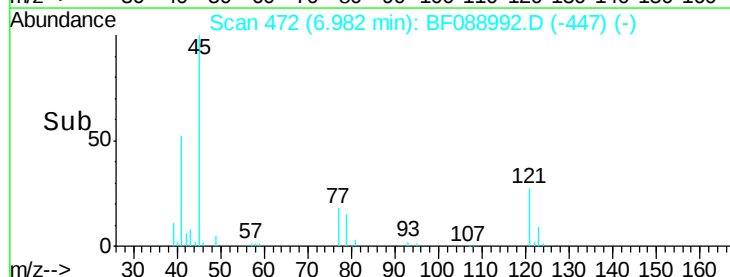
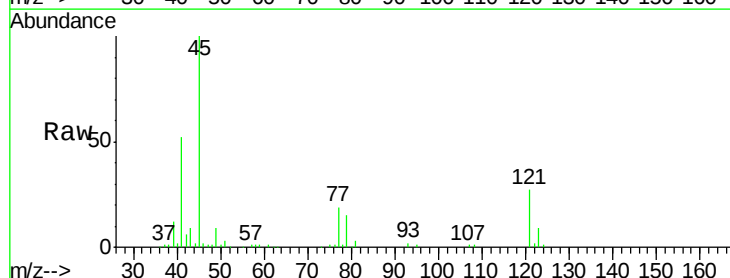
Tgt Ion: 45 Resp: 179870

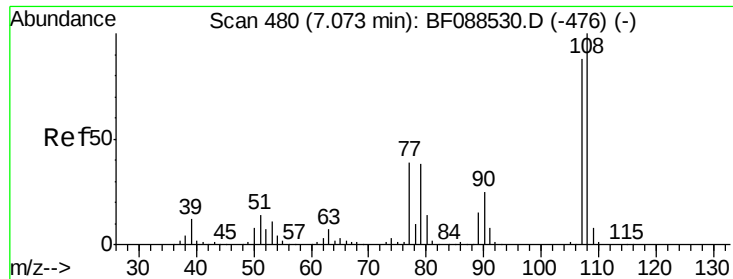
Ion Ratio Lower Upper

45 100

77 18.7 0.0 32.5

79 14.8 0.0 29.5





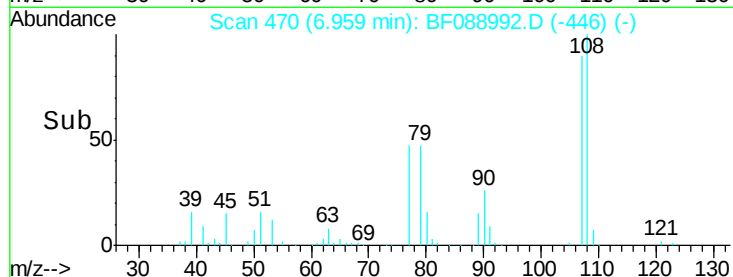
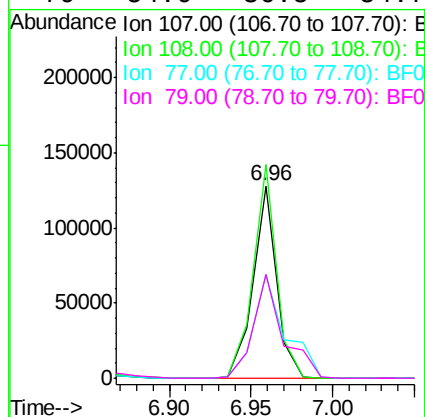
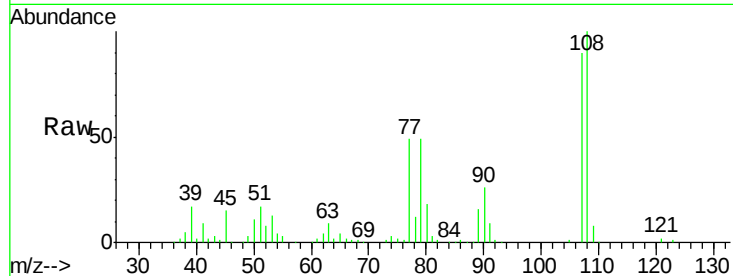
#17
2-Methylphenol
Concen: 36.04 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion	107	Resp	127661
Ion Ratio	Lower	Upper	
107	100		
108	111.2	90.9	136.3
77	54.2	36.6	55.0
79	54.0	36.5	54.7

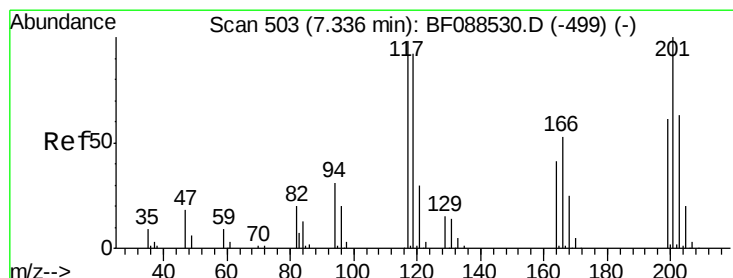
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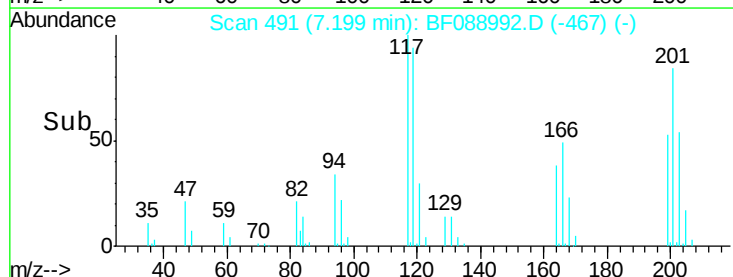
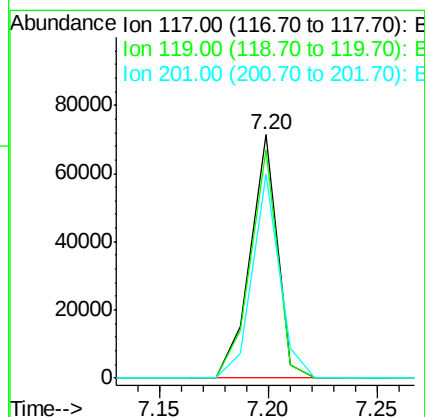
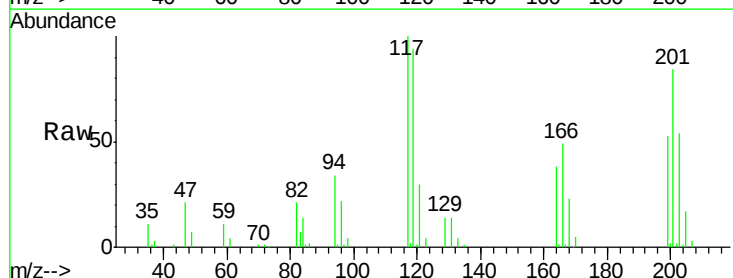
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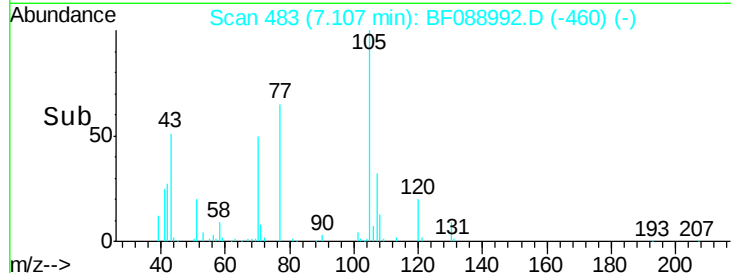
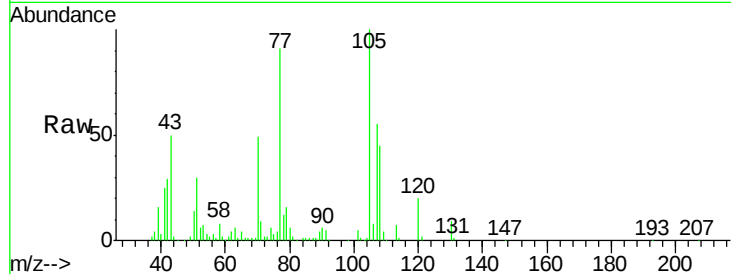
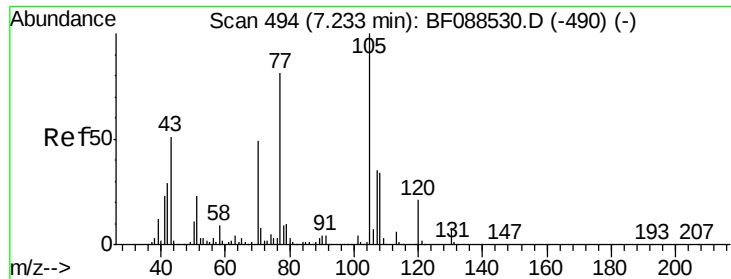
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#18
Hexachloroethane
Concen: 33.82 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

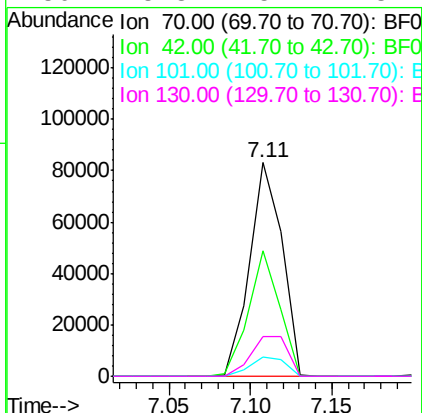
Tgt Ion	117	Resp	62034
Ion Ratio	Lower	Upper	
117	100		
119	93.8	77.4	116.2
201	83.7	80.4	120.6





#19
n-Nitroso-di-n-propylamine
Concen: 32.77 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tot Ion	70	Resp	114915
Ion Ratio	Lower	Upper	
70	100		
42	58.8	49.6	74.4
101	9.2	7.1	10.7
130	18.8	15.4	23.2



Instrument :
BNA_F
ClientSampled :
PB92031BS

Manual Integrations

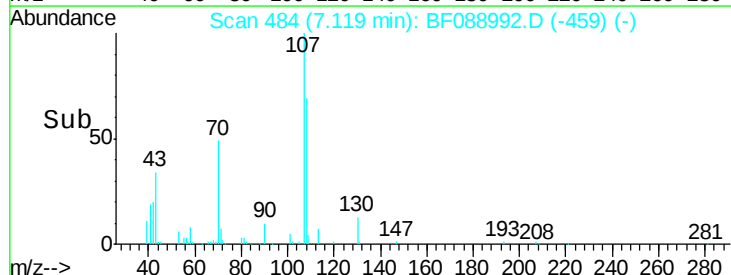
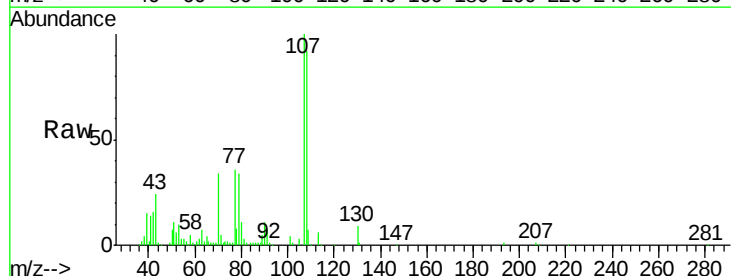
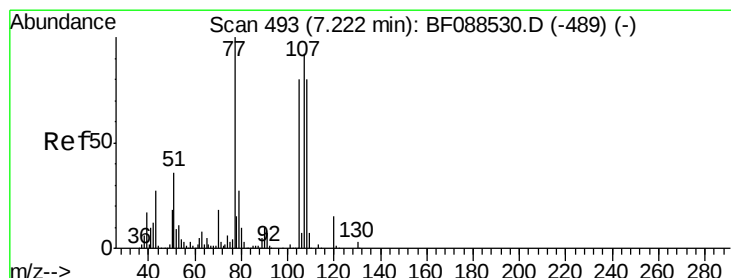
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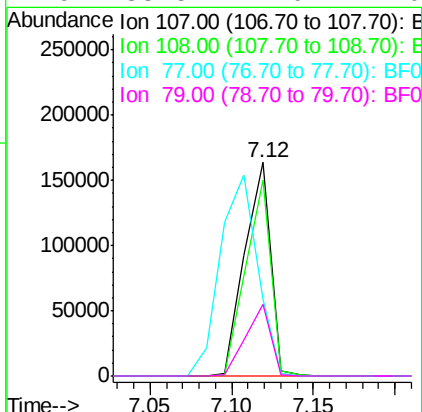
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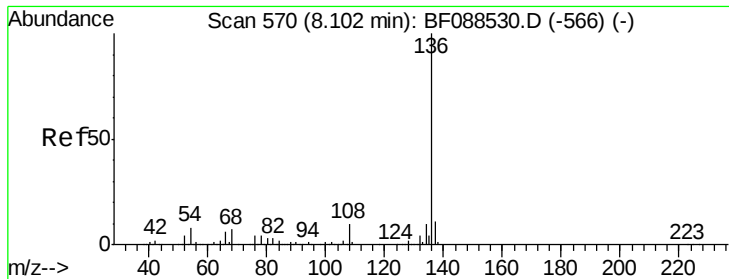
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#20
3+4-Methylphenols
Concen: 42.42 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	107	Resp	180340
Ion Ratio	Lower	Upper	
107	100		
108	91.8	67.8	107.8
77	36.0	59.3	99.3#
79	33.5	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Instrument :

BNA_F

ClientSampleId :

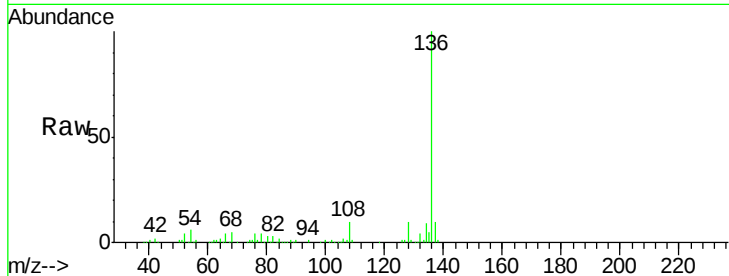
PB92031BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		256652		
137	10.4		9.1	13.7	
54	5.8		6.6	10.0	
68	4.6		5.1	7.7	

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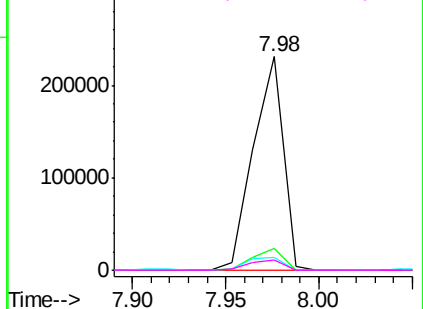


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

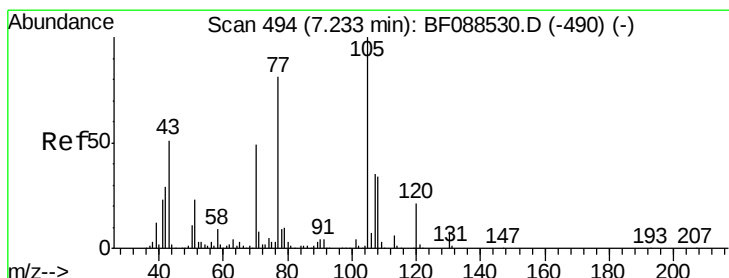
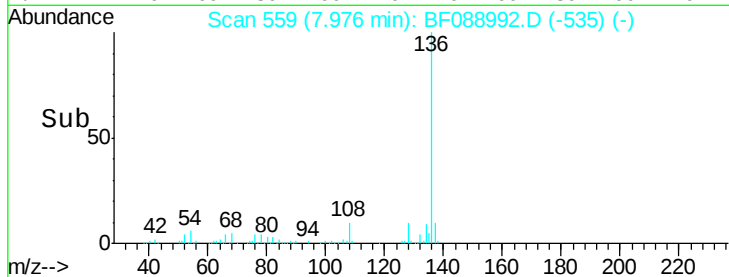
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



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#22

Acetophenone

Concen: 37.39 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

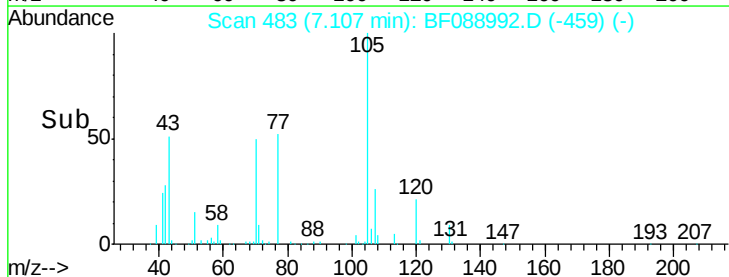
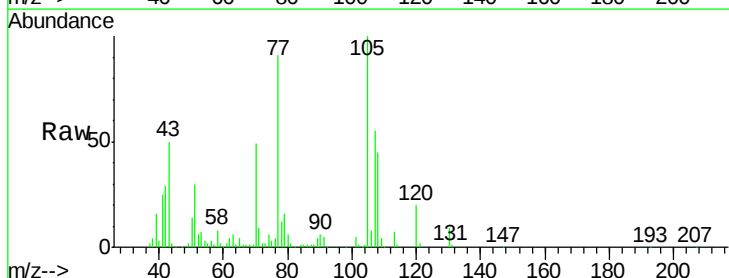
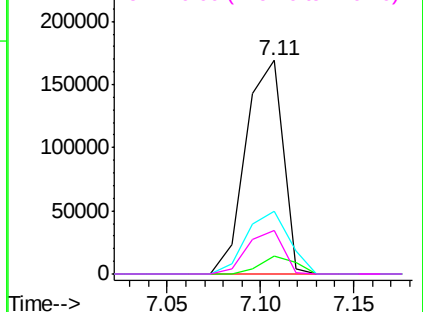
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		232923		
71	8.6		5.3	7.9	
51	29.6		18.2	27.4	
120	20.4		18.0	27.0	

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





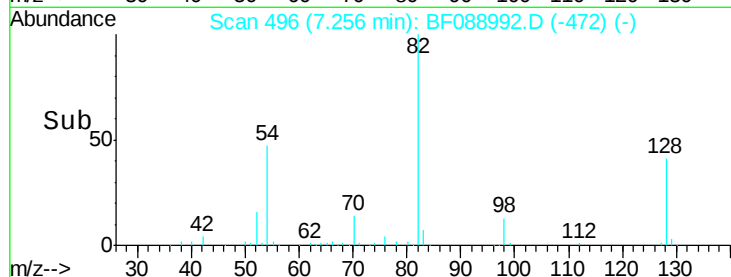
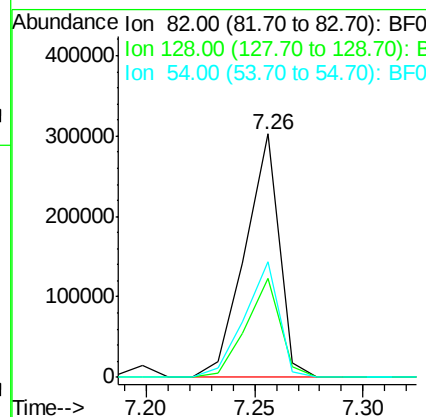
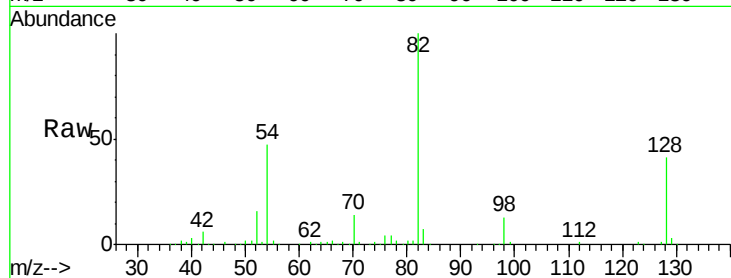
#23
Nitrobenzene-d5
Concen: 67.49 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB92031BS

Tot Ion	82	Resp	330544
Ion Ratio	100	Lower	Upper
82	100		
128	40.7	35.9	53.9
54	47.4	40.9	61.3

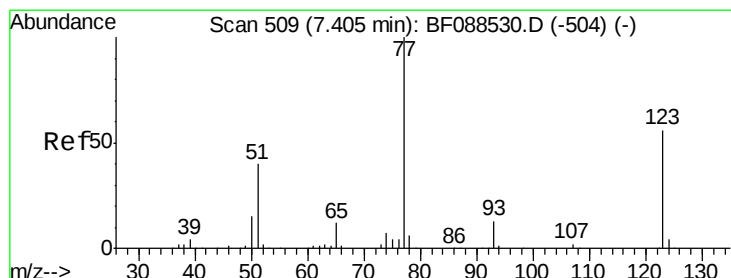
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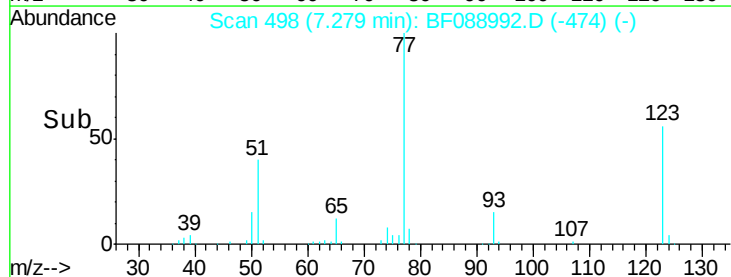
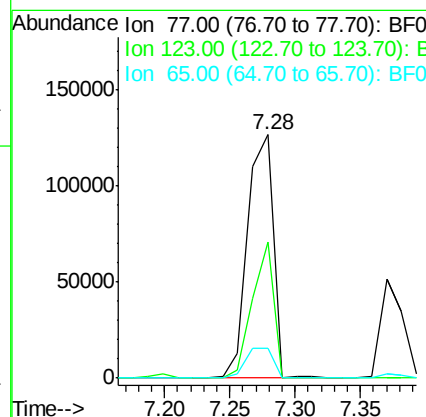
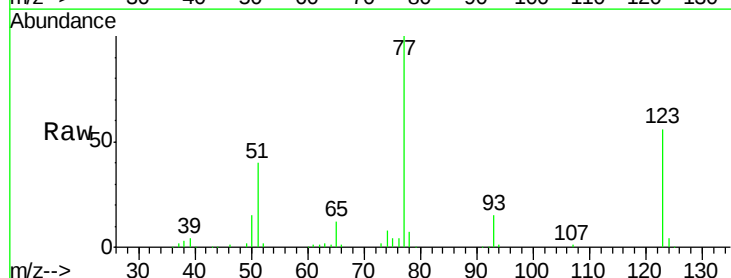
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#24
Nitrobenzene
Concen: 35.01 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	77	Resp	172887
Ion Ratio	100	Lower	Upper
77	100		
123	55.9	45.0	67.4
65	12.3	10.2	15.2





#25

Isophorone

Concen: 35.49 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF088992.D

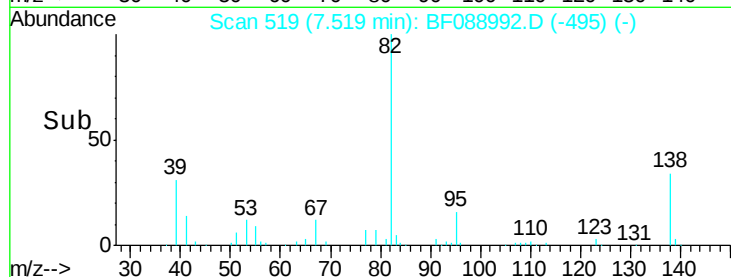
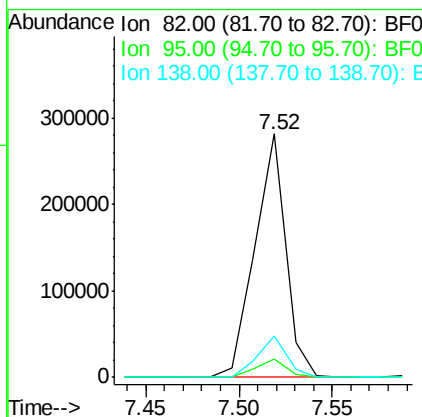
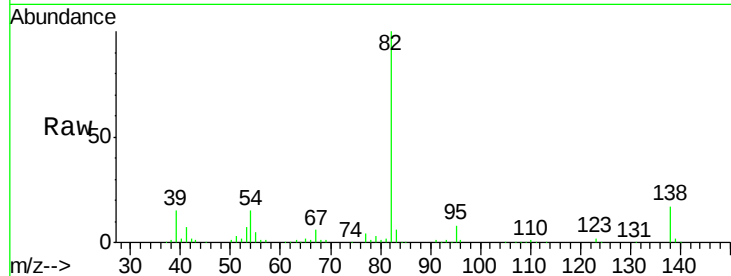
Acq: 14 Jul 2016 18:16

Tot Ion:	82	Resp:	322003
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.4	8.2
138	17.0	14.6	21.8

Instrument :
BNA_F
ClientSampled :
PB92031BS

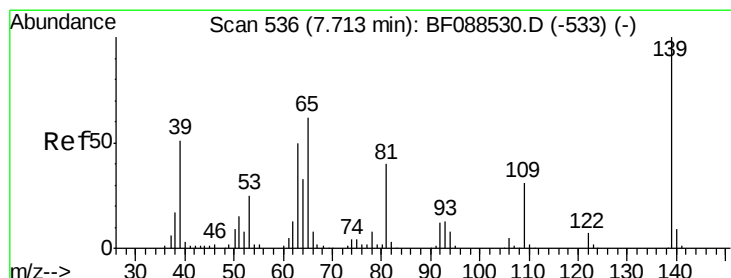
Manual Integrations

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#26

2-Nitrophenol

Concen: 38.08 ng

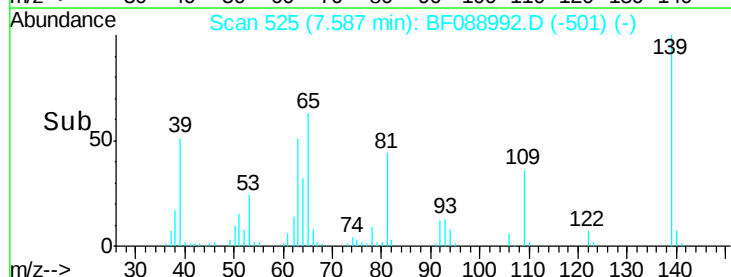
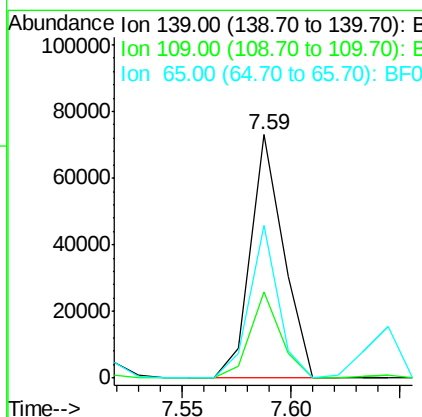
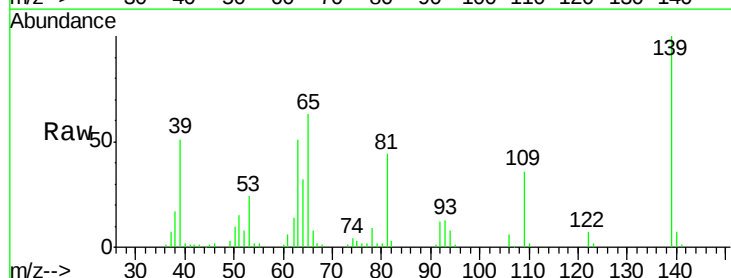
RT: 7.59 min Scan# 525

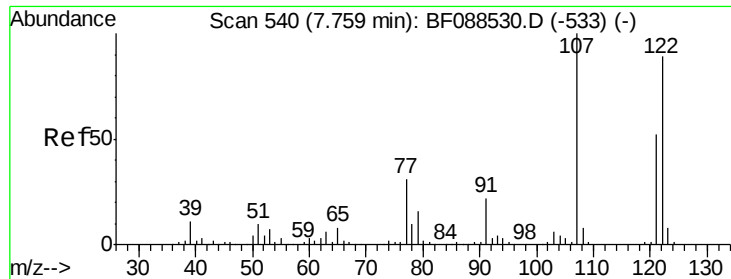
Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Tgt Ion:	139	Resp:	77114
Ion Ratio	Lower	Upper	
139	100		
109	35.5	23.0	34.4#
65	62.9	45.8	68.8





#27

2,4-Dimethylphenol

Concen: 37.88 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Instrument :

BNA_F

ClientSampleId :

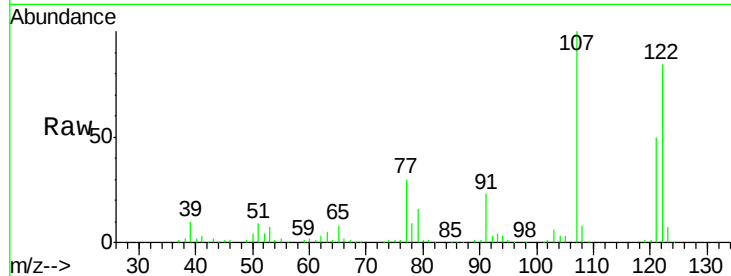
PB92031BS

Tot Ion:	122	Resp:	159738
Ion Ratio	Lower	Upper	
122	100		
107	118.9	82.4	123.6
121	59.8	46.3	69.5

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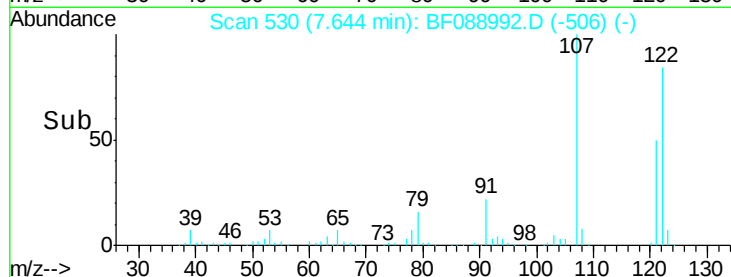
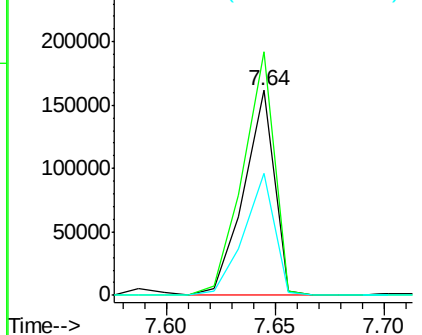
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Abundance Ion 122.00 (121.70 to 122.70): E

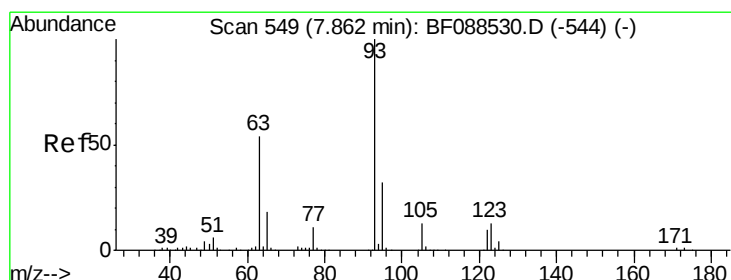
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



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#28

bis(2-Chloroethoxy)methane

Concen: 36.74 ng

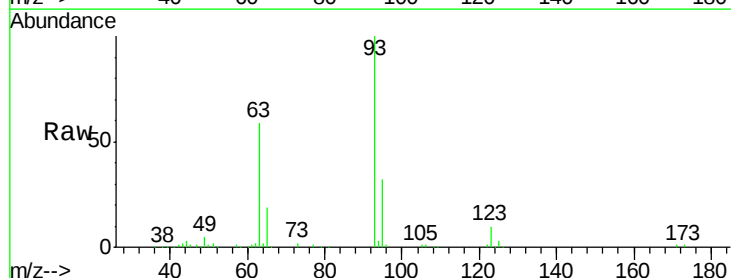
RT: 7.74 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

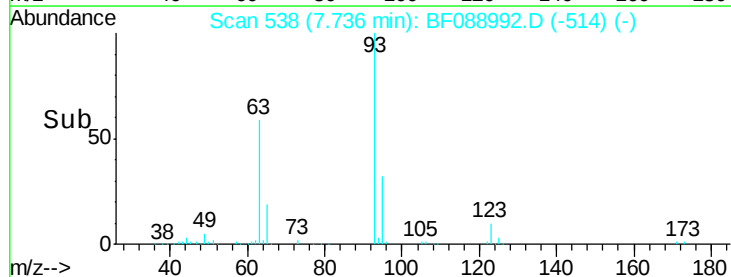
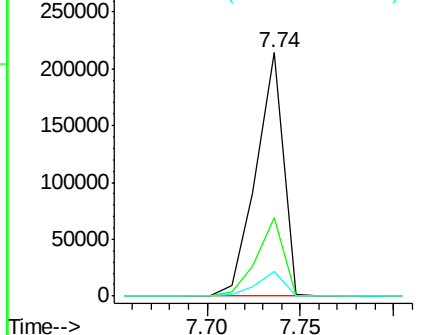
Tgt Ion:	93	Resp:	216927
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.5	39.7
123	10.4	11.6	17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





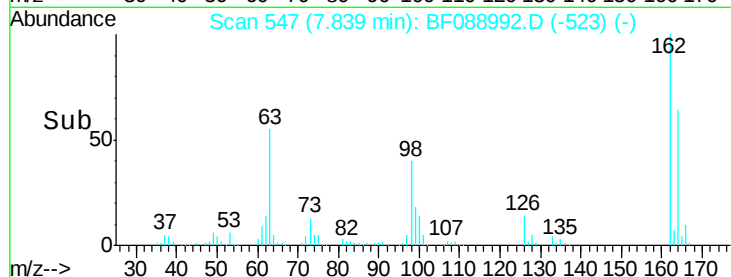
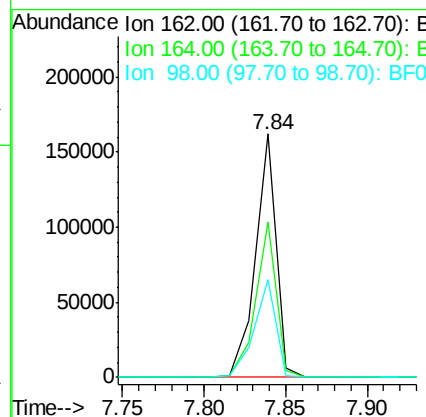
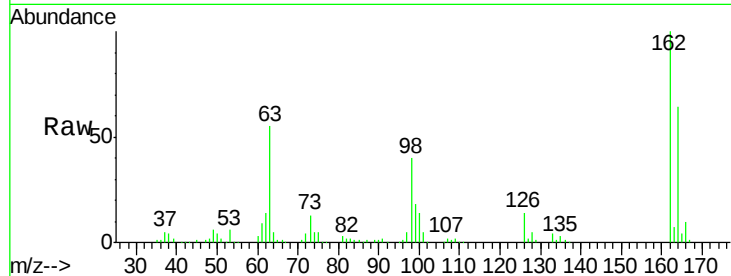
#29
2,4-Dichlorophenol
Concen: 41.84 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.8	83.8
98	40.1	21.3	61.3

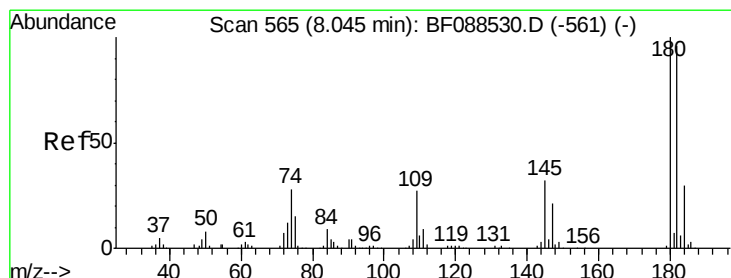
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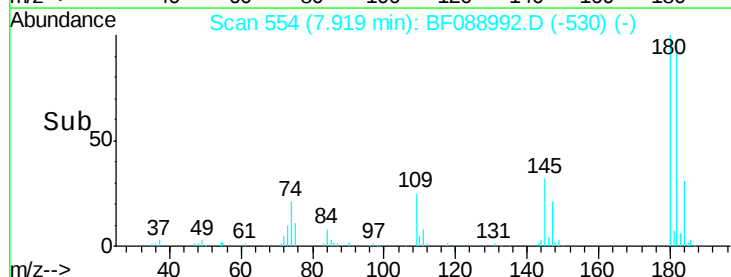
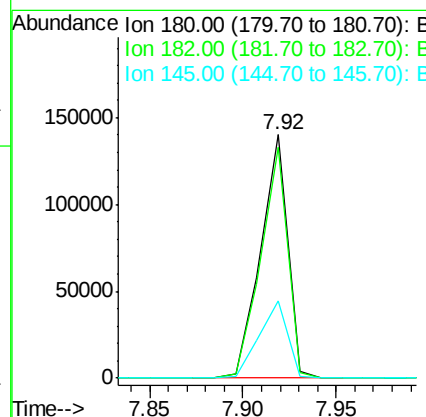
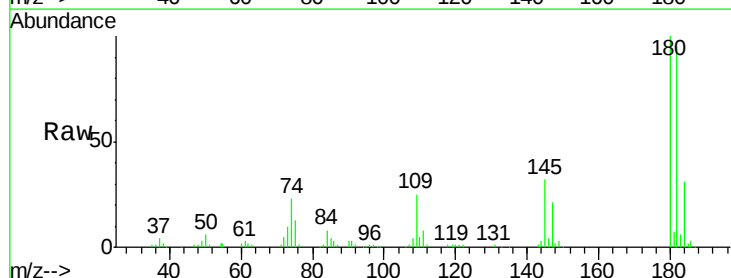
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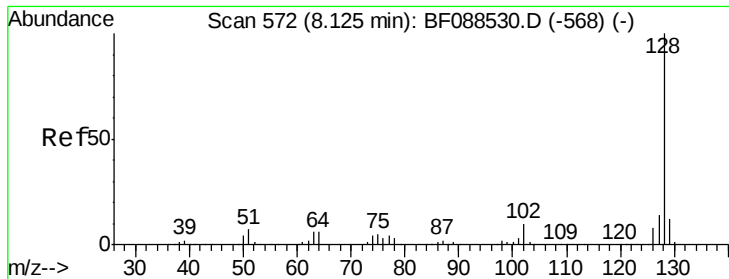
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#30
1,2,4-Trichlorobenzene
Concen: 37.51 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.0	114.0
145	31.5	26.5	39.7





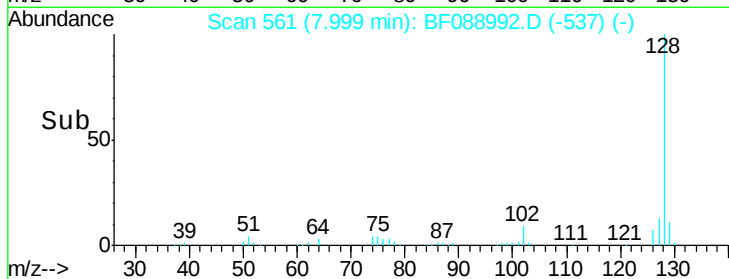
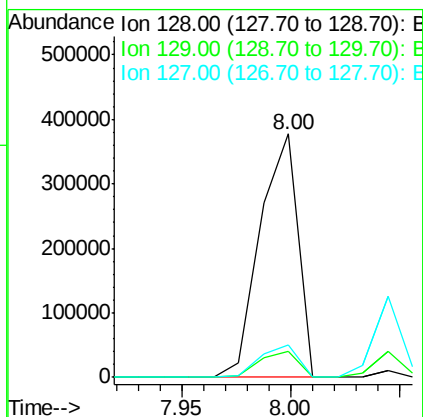
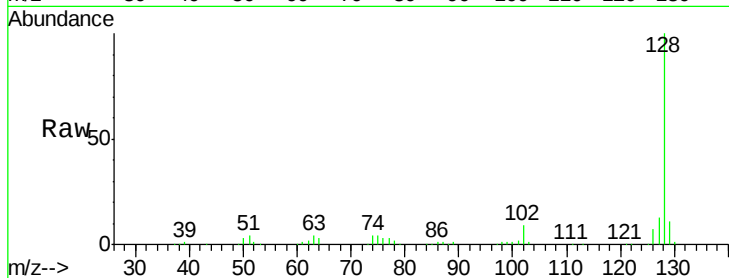
#31
Naphthalene
Concen: 36.46 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB92031BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	13.5	10.9	16.3

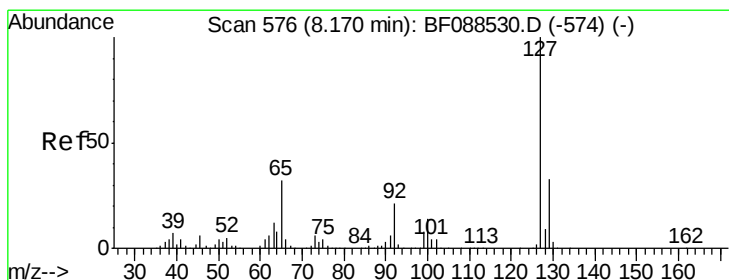
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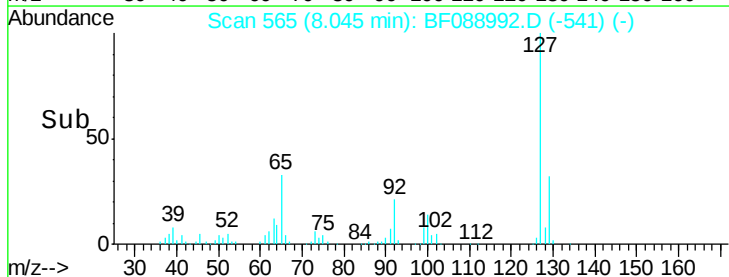
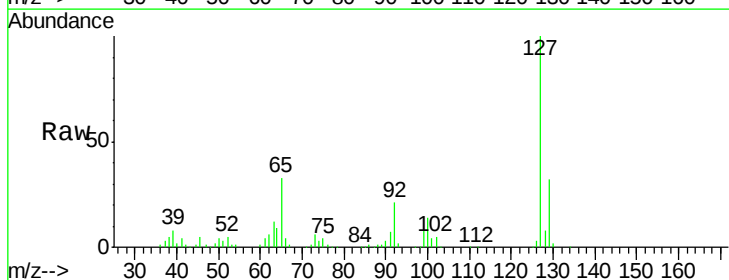
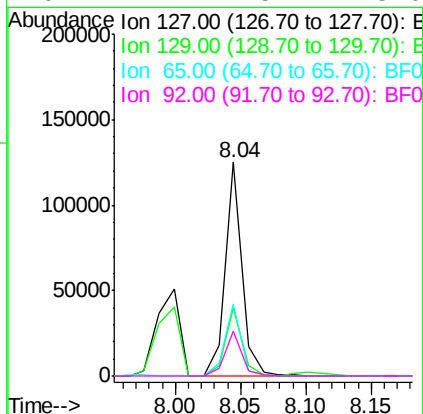
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#33
4-Chloroaniline
Concen: 20.04 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	33.5	24.7	37.1
92	21.2	15.4	23.0





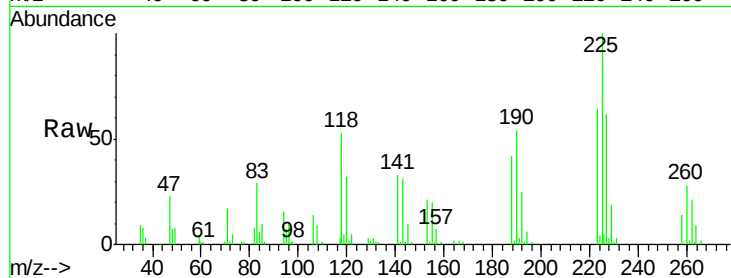
#34
Hexachlorobutadiene
Concen: 32.80 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.9	76.3
227	62.2	51.9	77.9

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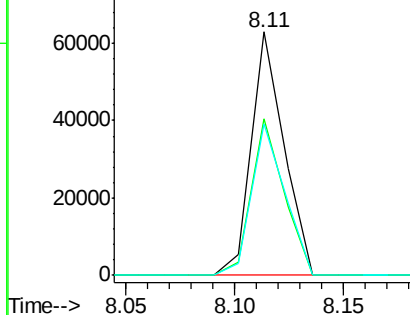


Abundance

Ion 225.00 (224.70 to 225.70): E

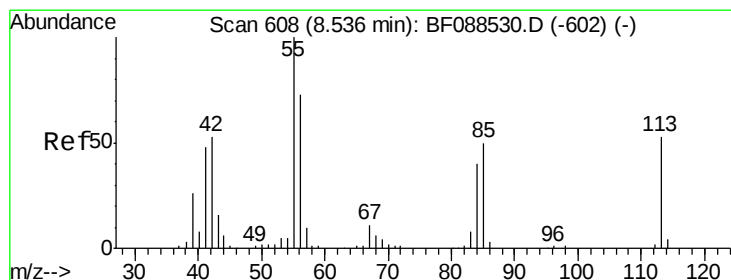
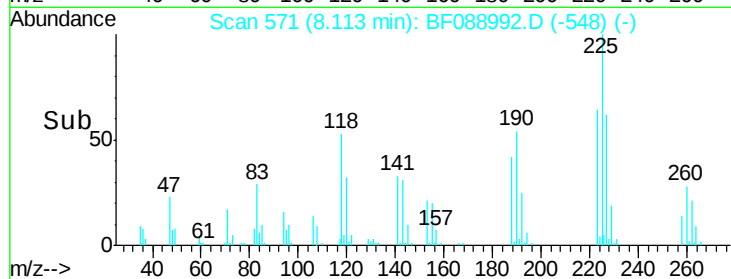
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



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#35
Caprolactam
Concen: 34.36 ng m
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

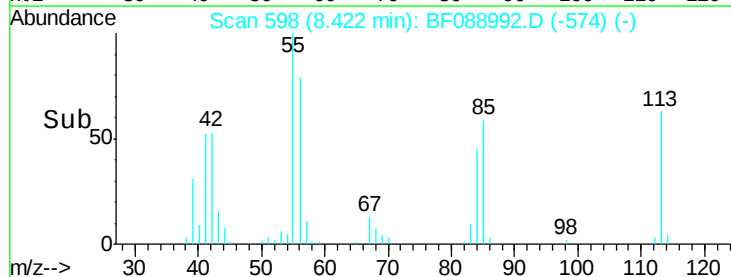
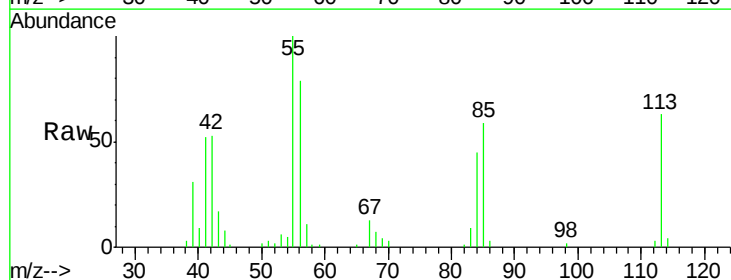
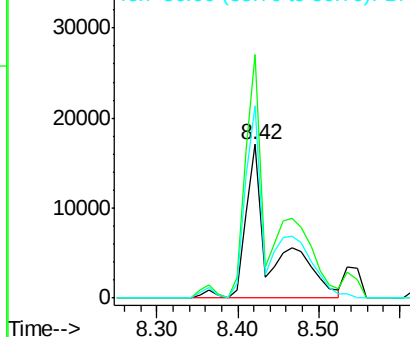
Tgt Ion	Ratio	Lower	Upper
113	100		
55	158.4	158.6	198.6#
56	124.8	110.6	150.6

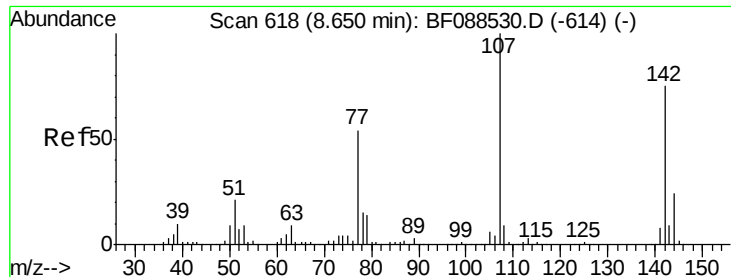
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 40.79 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Tot Ion:	107	Resp:	164407
Ion Ratio	Lower	Upper	
107	100		
144	21.4	20.8	31.2
142	66.5	63.4	95.2

Instrument :

BNA_F

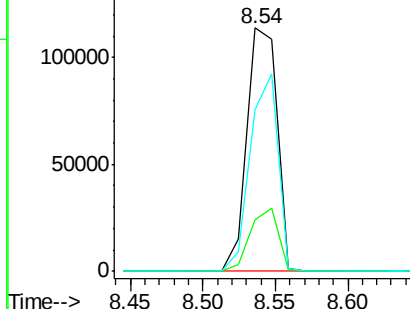
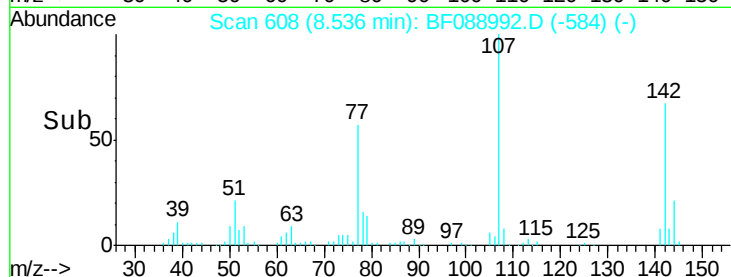
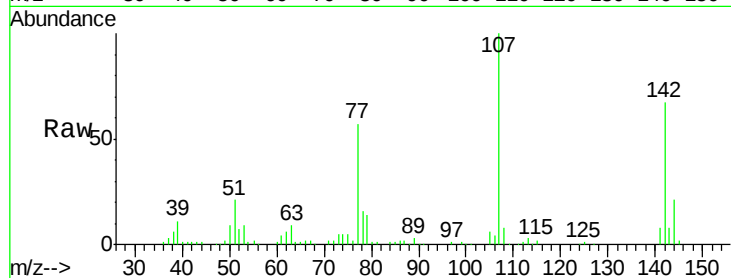
ClientSampled :

PB92031BS

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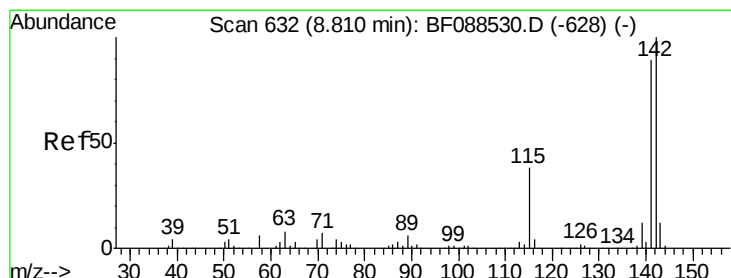
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#37

2-Methylnaphthalene

Concen: 38.99 ng

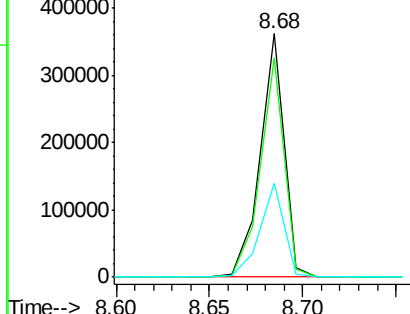
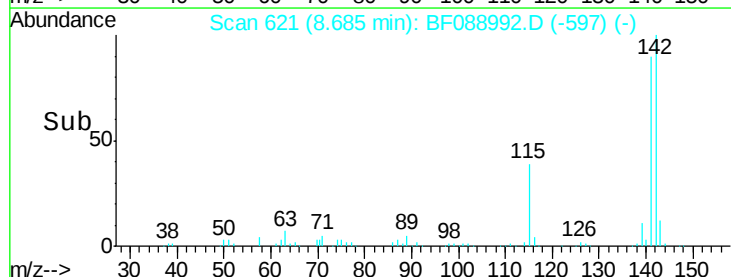
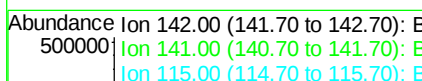
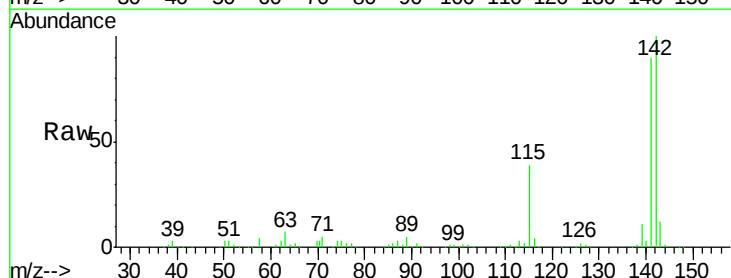
RT: 8.68 min Scan# 621

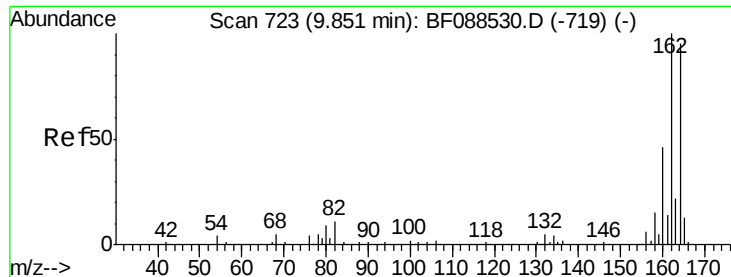
Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Tgt Ion:	142	Resp:	317622
Ion Ratio	Lower	Upper	
142	100		
141	90.1	71.0	106.6
115	38.7	22.6	33.8#





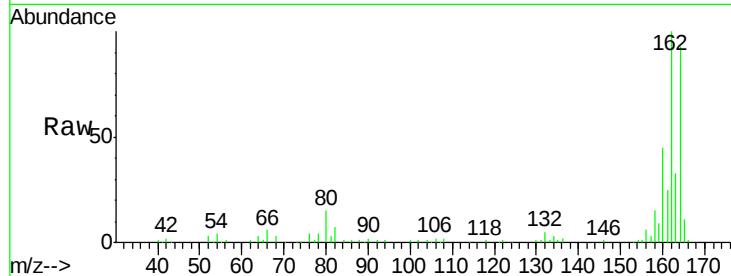
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB92031BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.9	85.4	128.2
160	48.1	39.5	59.3

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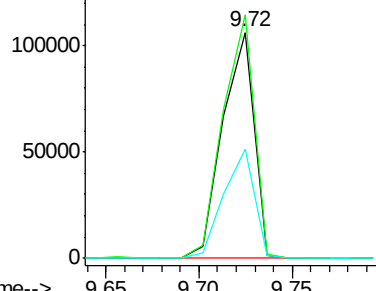


Abundance

Ion 164.00 (163.70 to 164.70): E

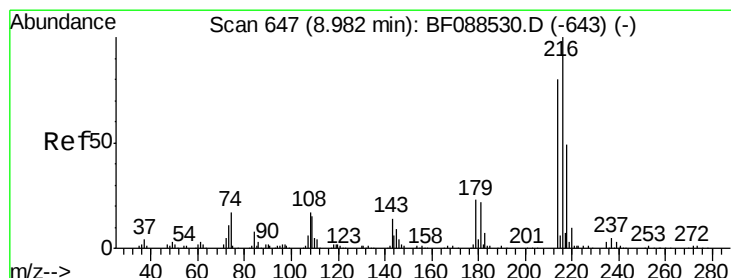
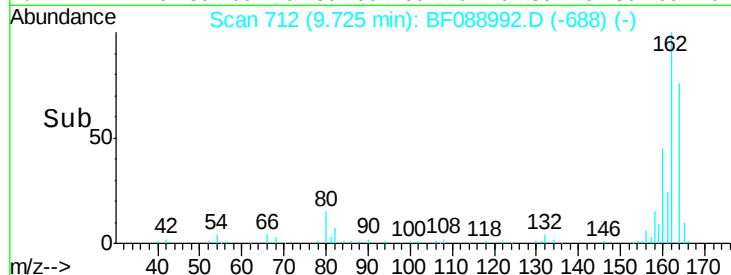
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.06 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	2.9	4.3#
179	22.6	0.0	0.0#
108	21.5	0.5	0.7#

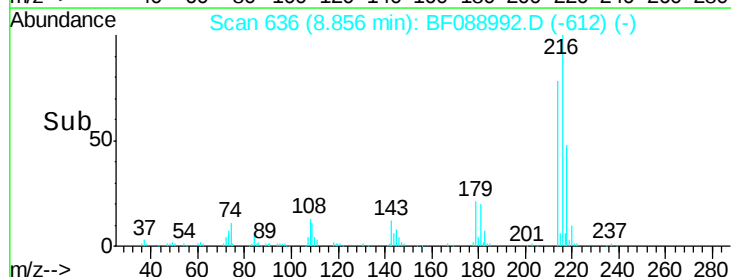
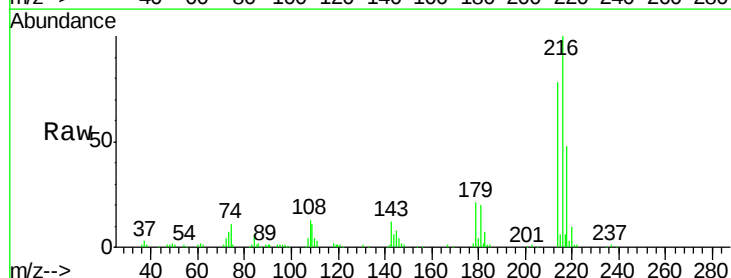
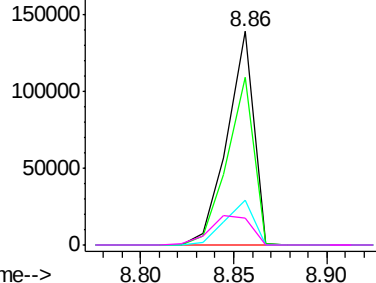
Abundance

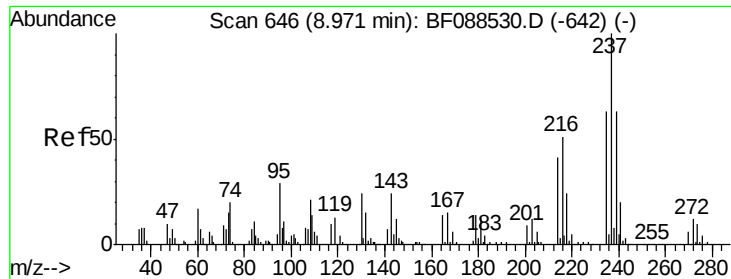
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





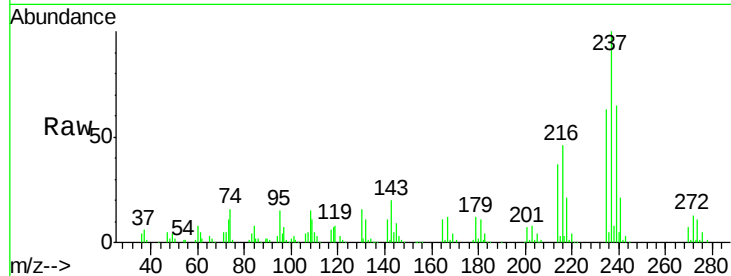
#40
Hexachlorocyclopentadiene
Concen: 63.70 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

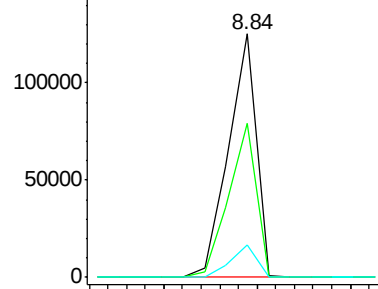
Tot Ion	Ratio	Resp	Lower	Upper
237	100	128529		
235	63.5	43.4	83.4	
272	13.1	0.0	32.3	

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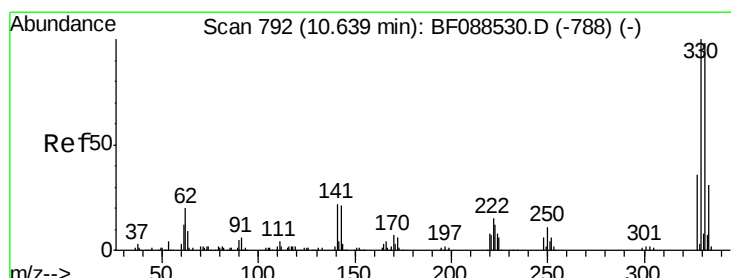
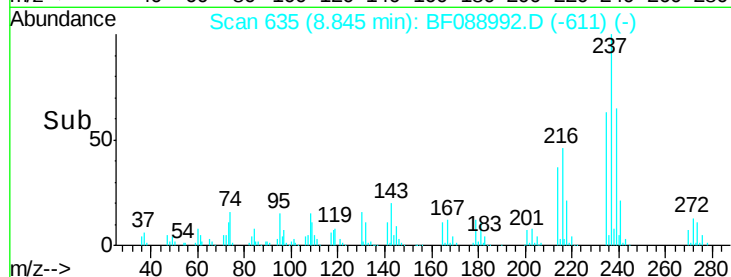


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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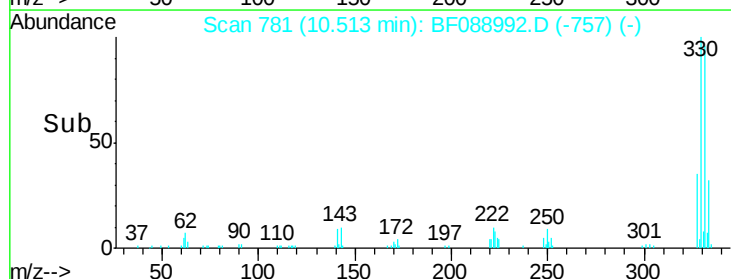
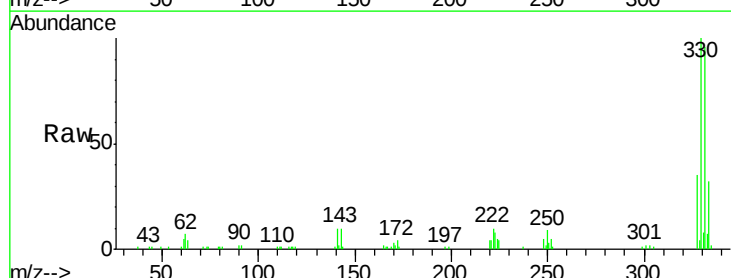
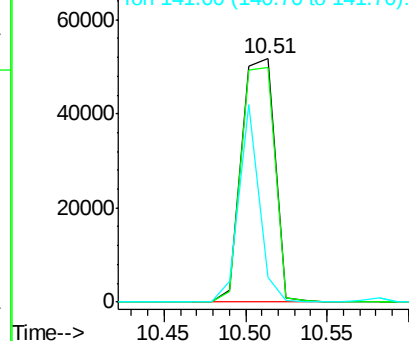
7/15/2016 9:16:25 AM

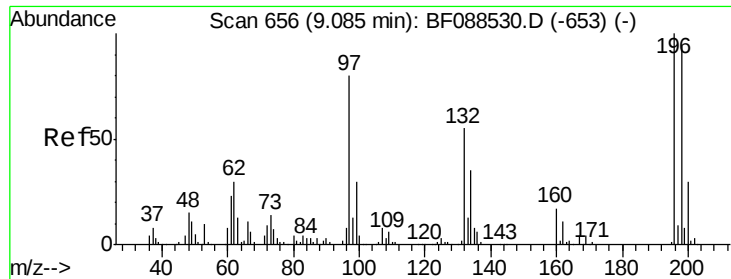


#41
2,4,6-Tribromophenol
Concen: 63.12 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	72442		
332	97.1	0.0	0.0#	
141	49.1	0.0	0.0#	

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





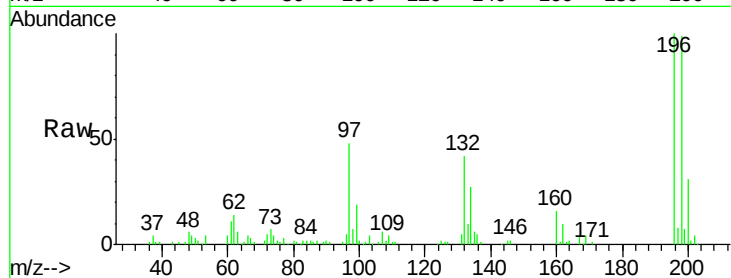
#42
2,4,6-Trichlorophenol
Concen: 36.31 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

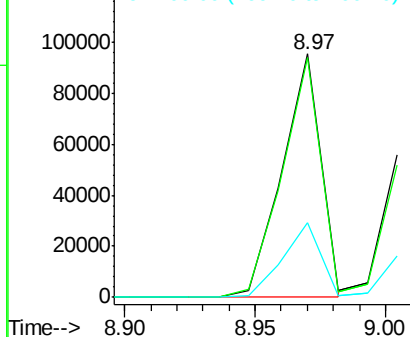
Tot Ion:196 Resp: 98422
Ion Ratio Lower Upper
196 100
198 98.5 78.0 117.0
200 30.5 25.4 38.2

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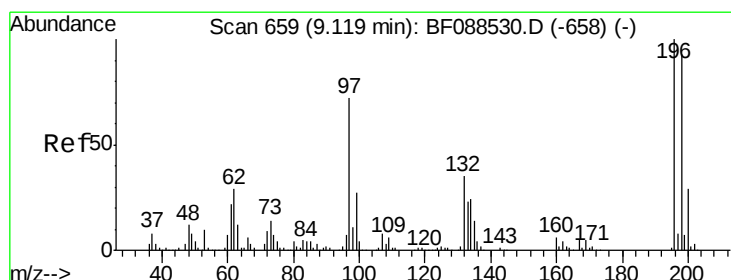
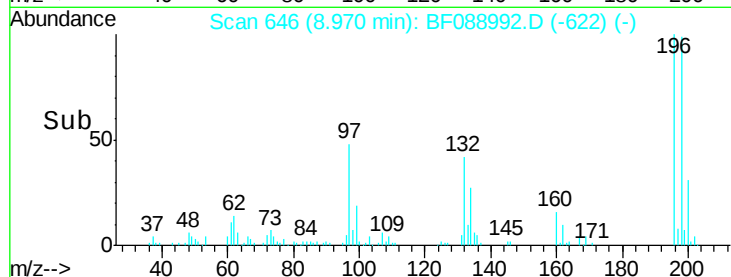


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



Sohil

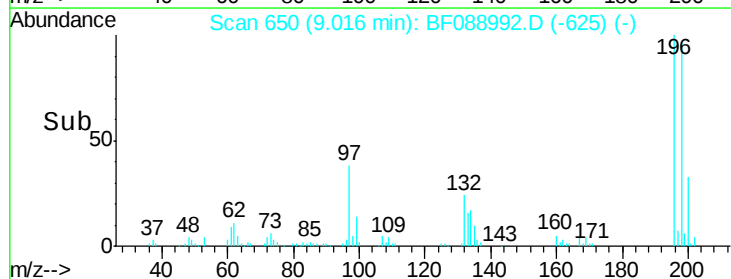
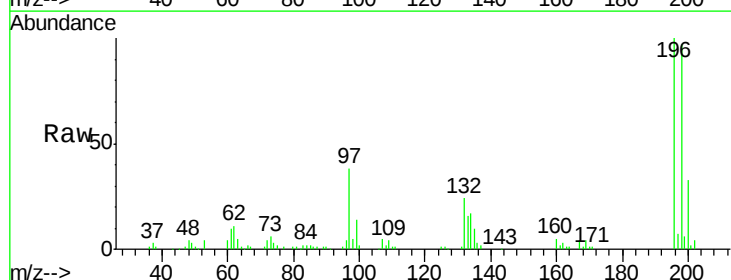
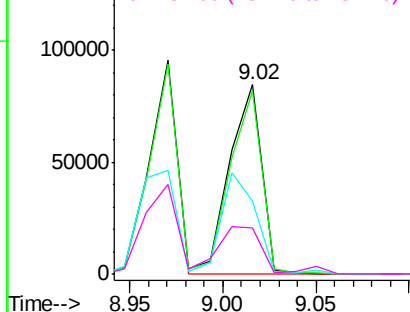
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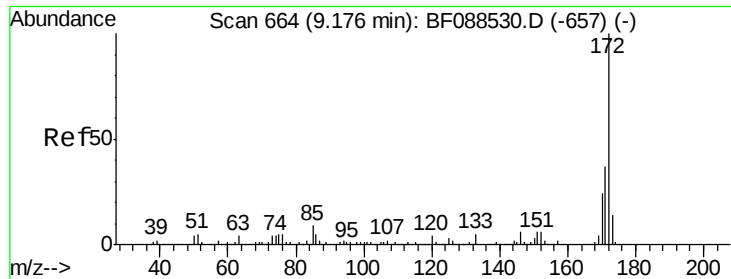


#43
2,4,5-Trichlorophenol
Concen: 43.61 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion:196 Resp: 101710
Ion Ratio Lower Upper
196 100
198 96.5 77.5 116.3
97 38.4 32.0 48.0
132 24.3 20.9 31.3

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E





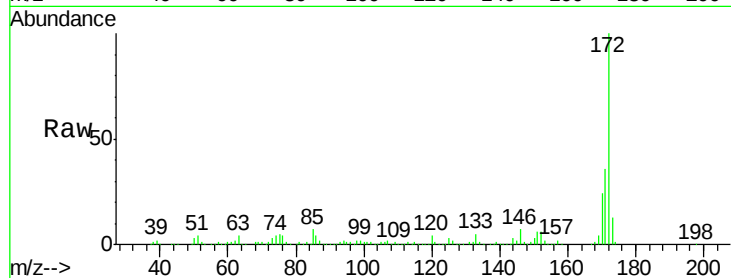
#44
2-Fluorobiphenyl
Concen: 76.20 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB92031BS

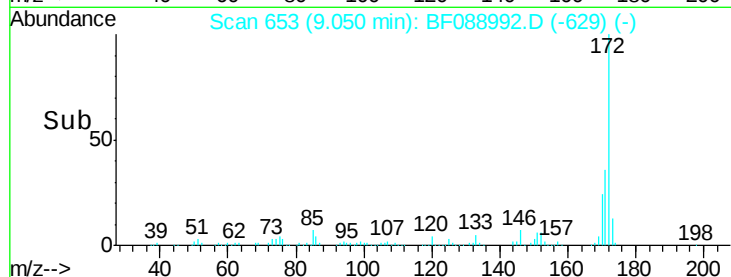
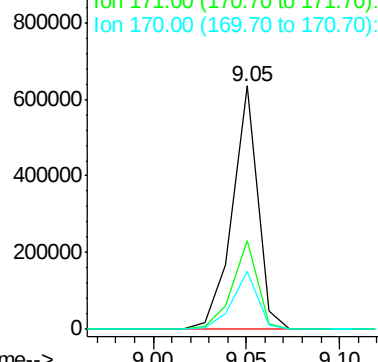
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.0	19.2	28.8

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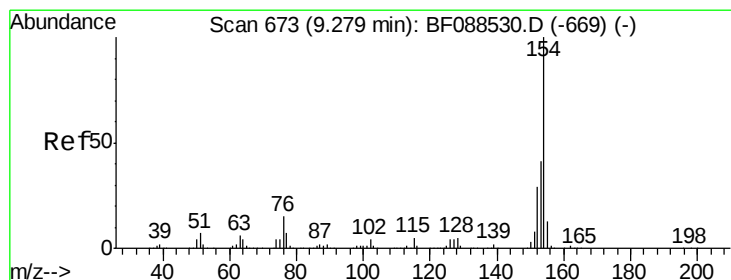


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



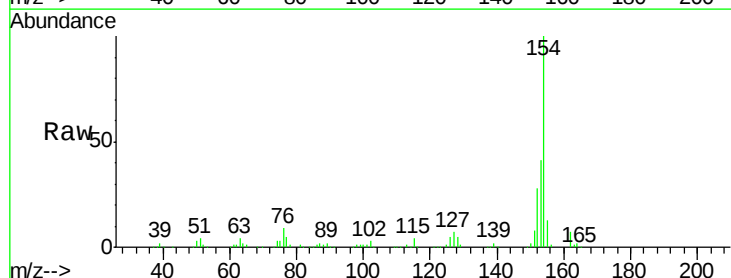
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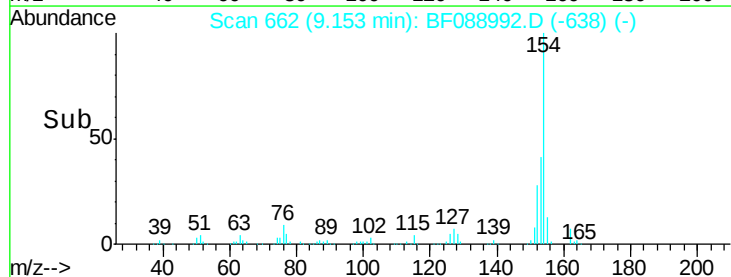
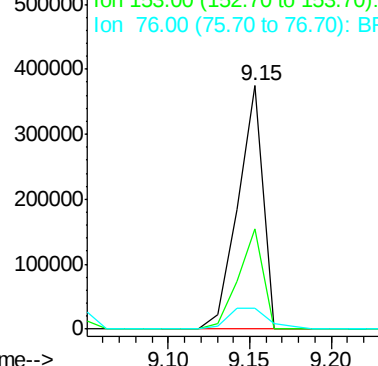


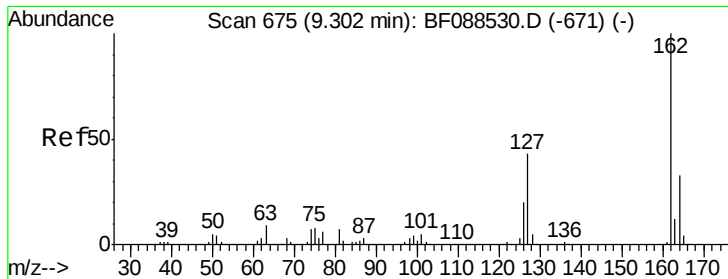
#45
1,1'-Biphenyl
Concen: 39.03 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	8.8	0.0	35.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





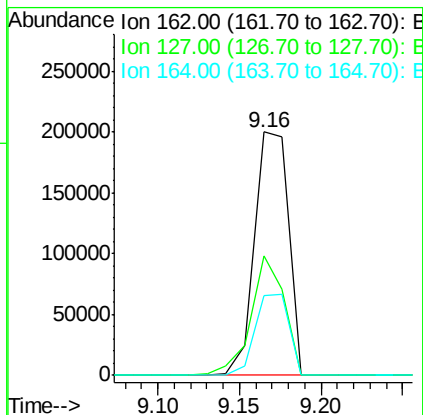
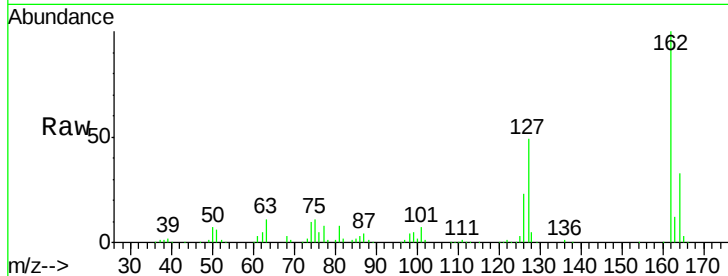
#46
2-Chloronaphthalene
Concen: 36.03 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB92031BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		289512		
127	49.0	35.2	52.8		
164	32.6	26.6	39.8		

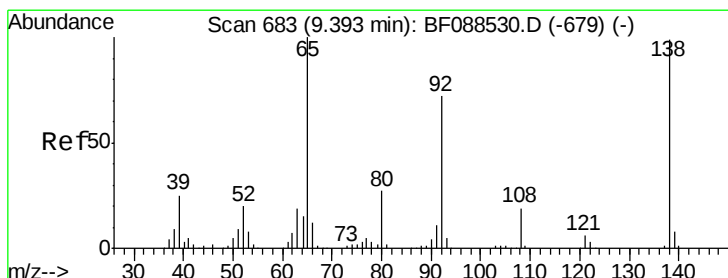
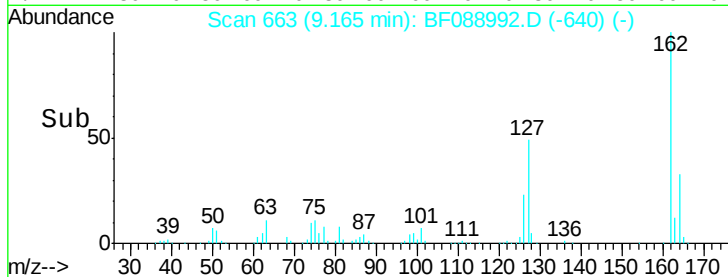
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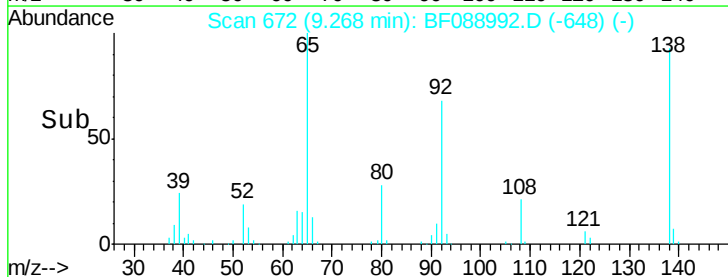
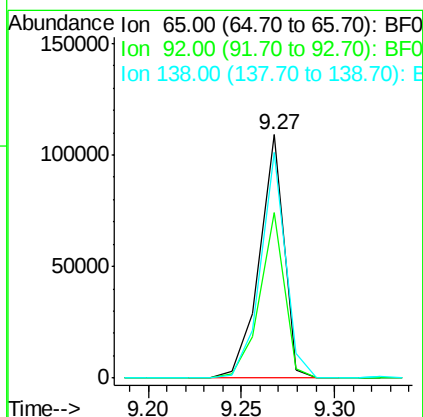
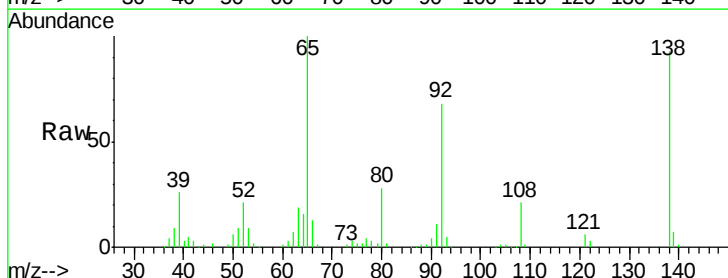
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#47
2-Nitroaniline
Concen: 34.71 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		98968		
92	68.1	54.6	82.0		
138	92.7	77.0	115.4		





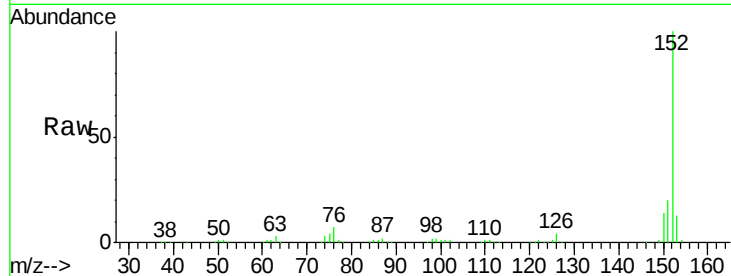
#48
Acenaphthylene
Concen: 38.41 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

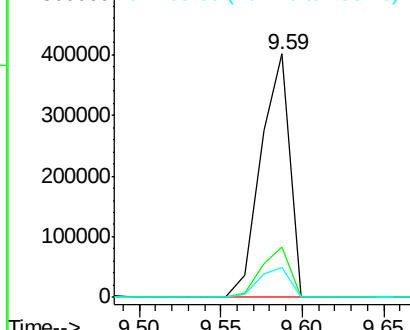
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	12.5	11.0	16.6

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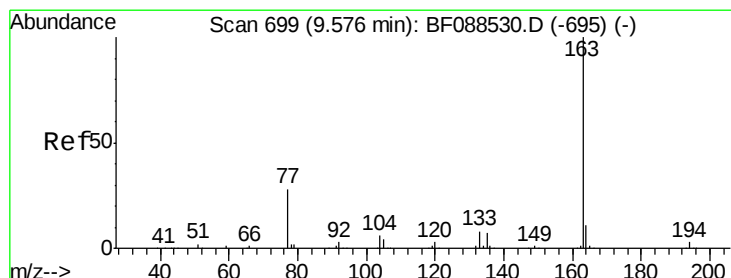
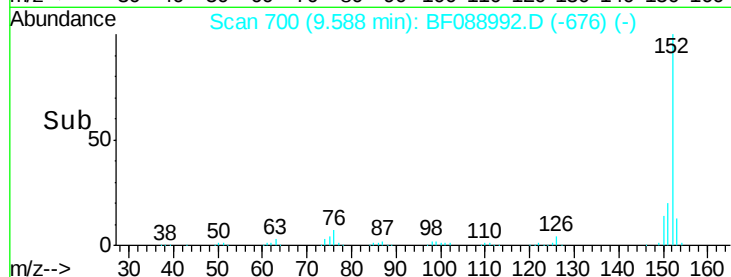


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



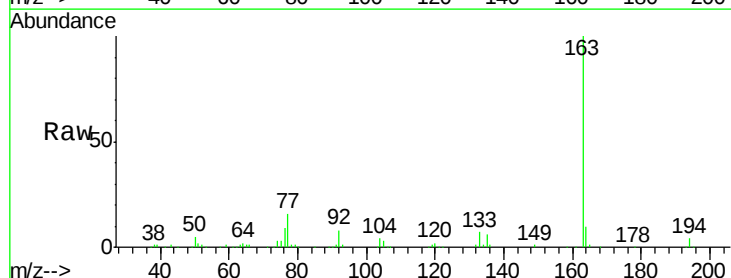
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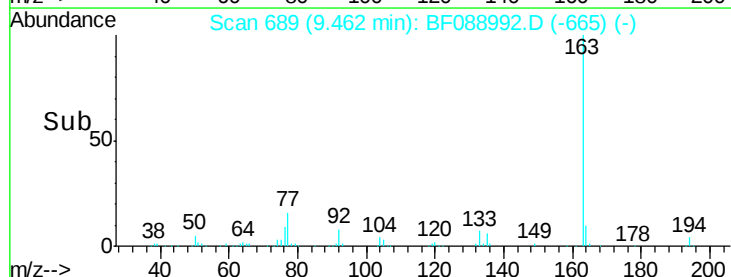
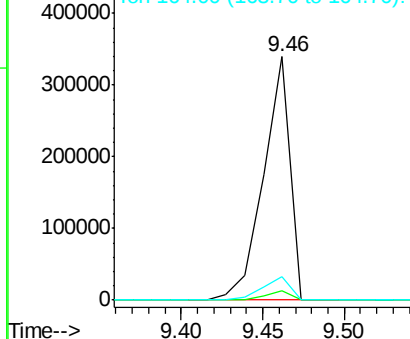


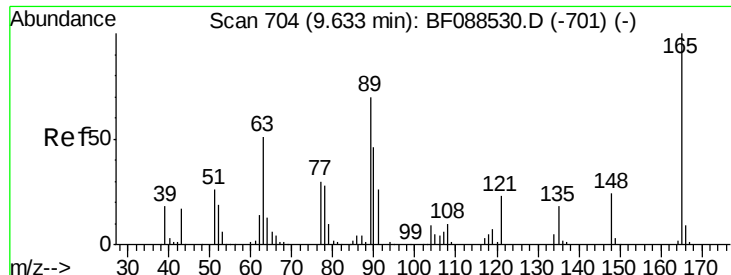
#49
Dimethylphthalate
Concen: 43.56 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.6	8.3	12.5



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





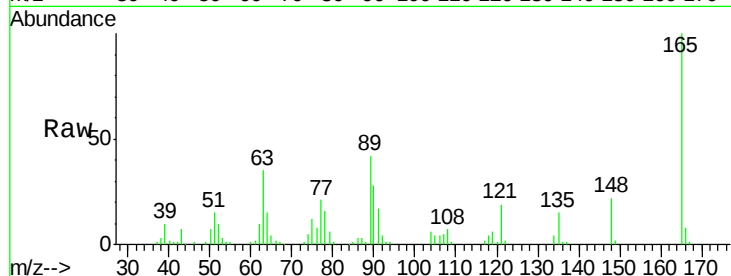
#50
 2,6-Dinitrotoluene
 Concen: 43.25 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.02 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Instrument :
 BNA_F
 ClientSampled :
 PB92031BS

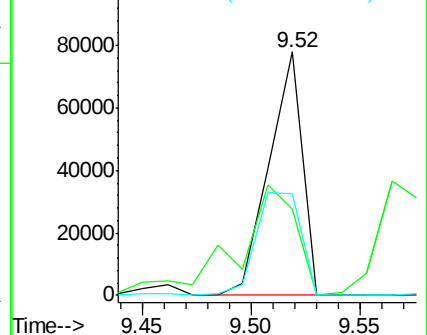
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.3	28.1	42.1
89	41.7	32.2	48.2

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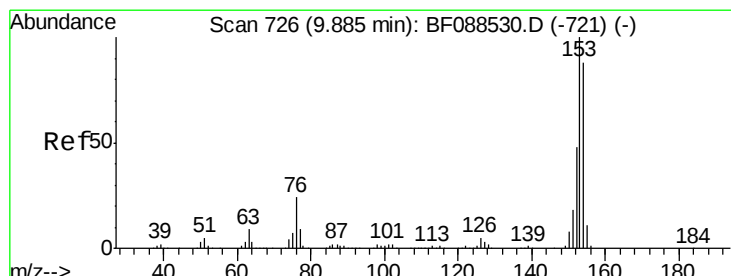
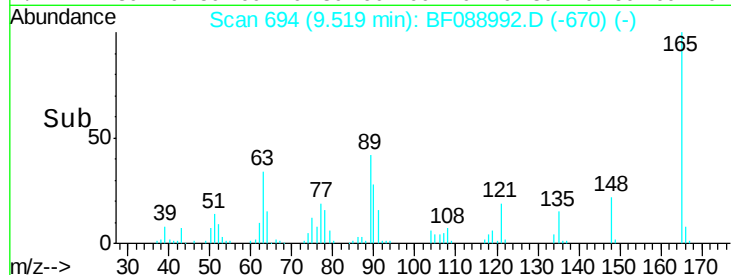


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0



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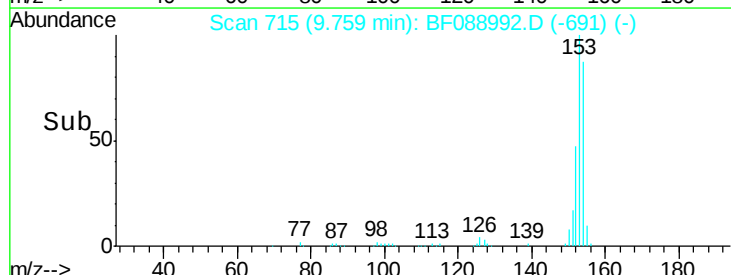
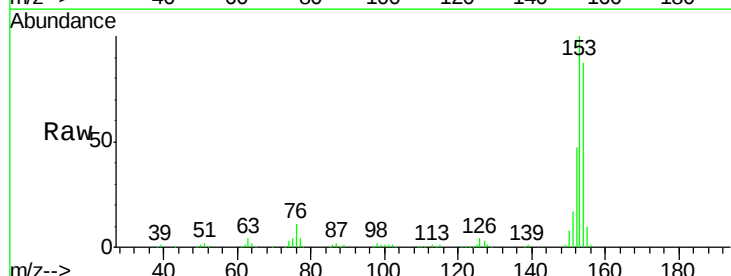
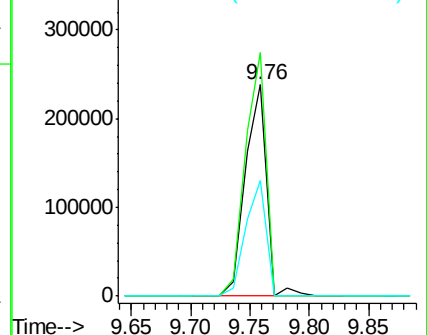
7/15/2016 9:16:25 AM

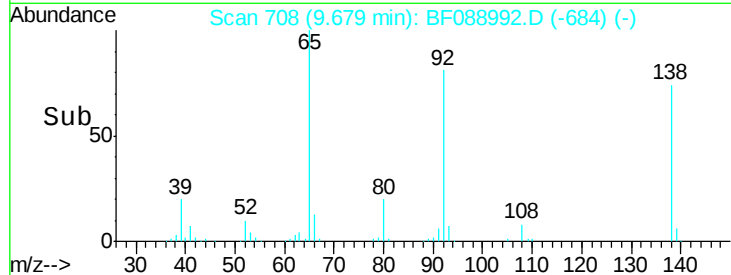
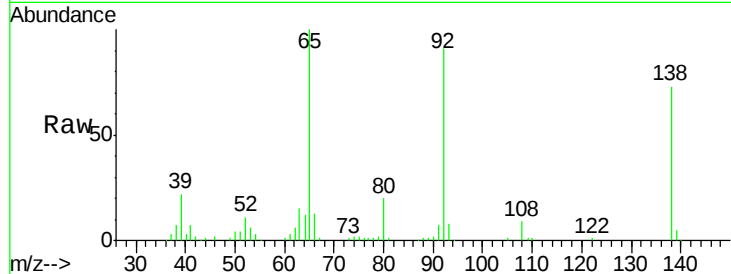


#51
 Acenaphthene
 Concen: 37.96 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.02 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.5	134.3
152	54.5	42.7	64.1

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





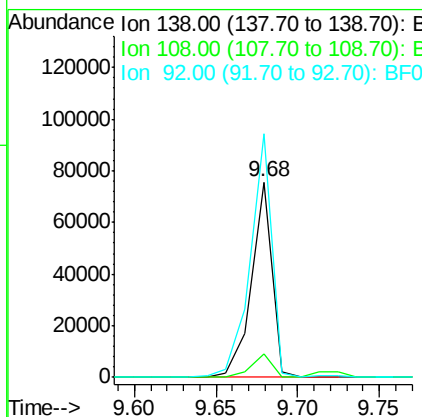
#52
3-Nitroaniline
Concen: 26.83 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tot Ion:138 Resp: 66574
Ion Ratio Lower Upper
138 100
108 12.0 8.5 12.7
92 124.7 95.7 143.5

Instrument :
BNA_F
ClientSampled :
PB92031BS

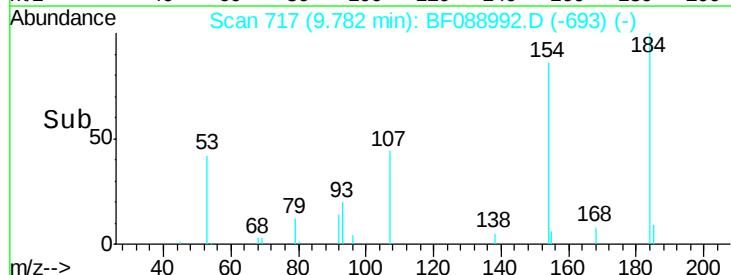
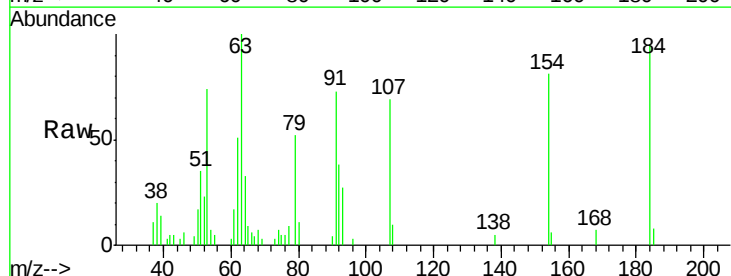
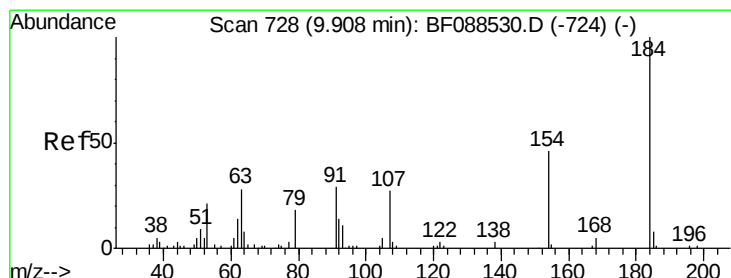
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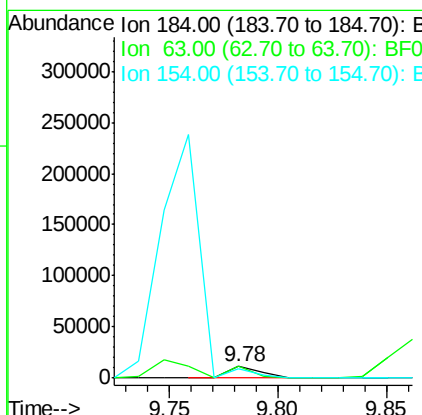
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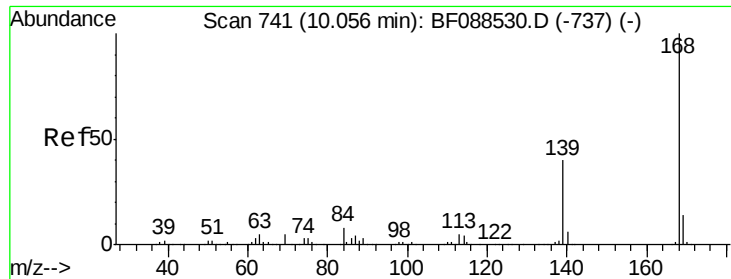
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#53
2,4-Dinitrophenol
Concen: 13.83 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion:184 Resp: 11920
Ion Ratio Lower Upper
184 100
63 105.6 57.6 86.4#
154 85.9 53.5 80.3#





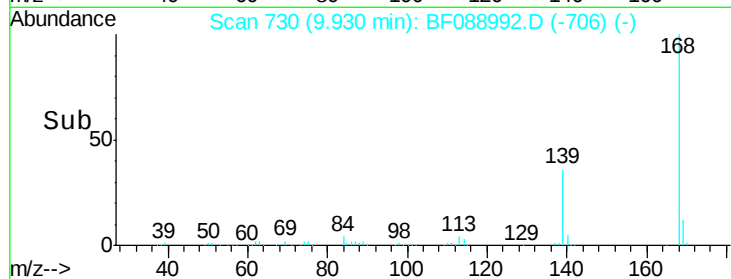
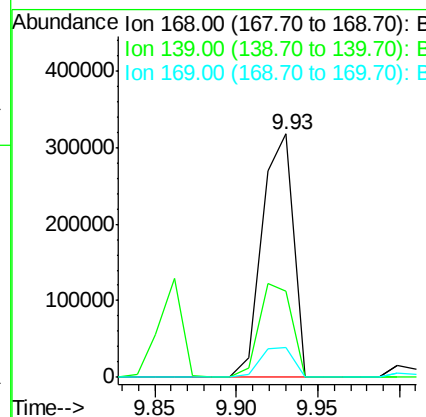
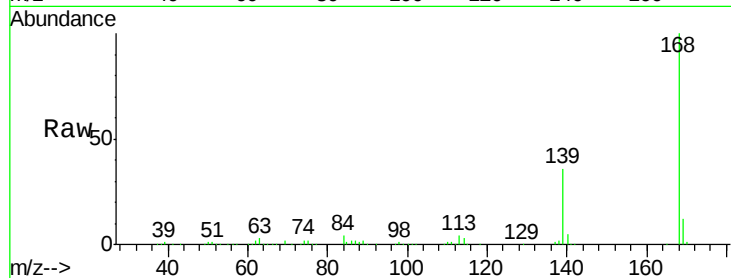
#54
Dibenzenofuran
Concen: 41.11 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	26.4	39.6
169	12.5	10.4	15.6

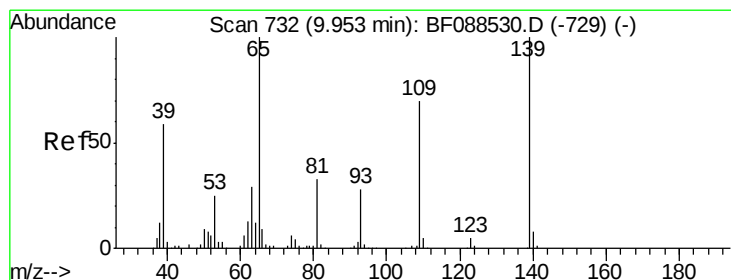
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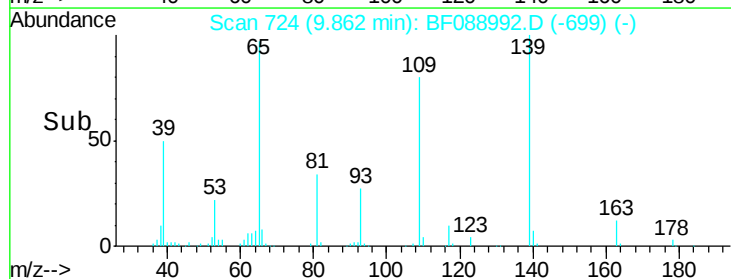
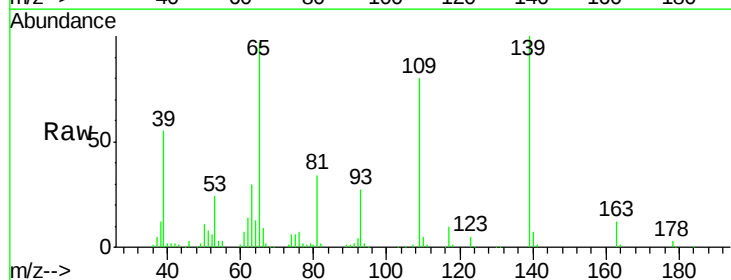
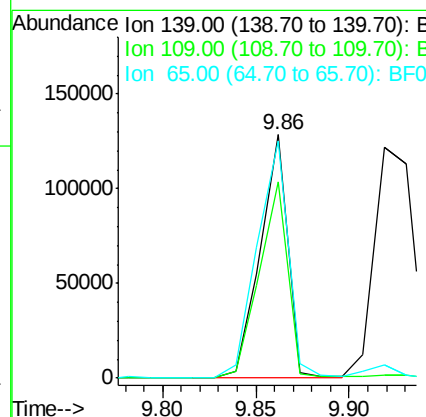
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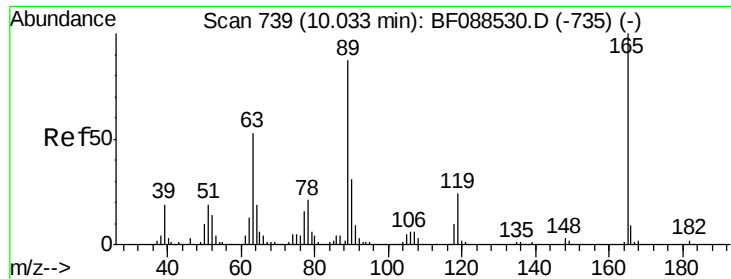
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#55
4-Nitrophenol
Concen: 69.93 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.4	48.9	88.9
65	97.3	84.9	124.9





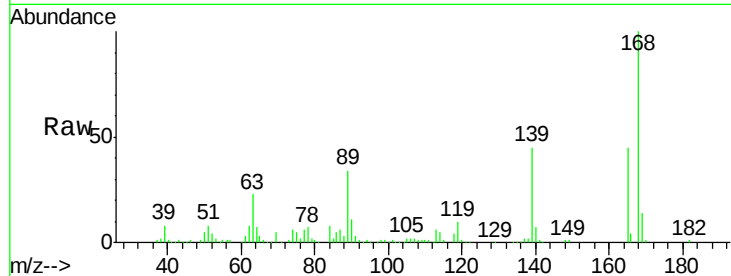
#56
2,4-Dinitrotoluene
Concen: 45.76 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	116775		
63	52.1	22.0	33.0#	
89	75.1	41.1	61.7#	
182	2.5	2.0	3.0	

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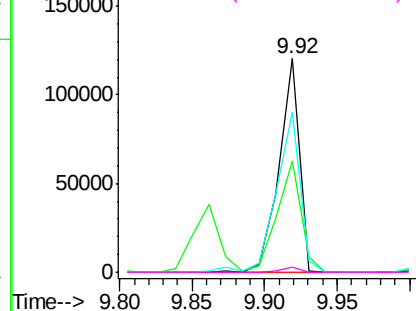


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

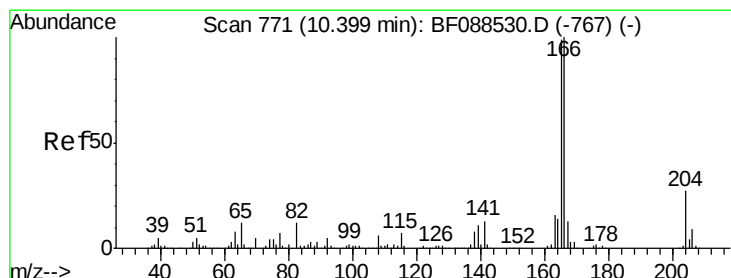
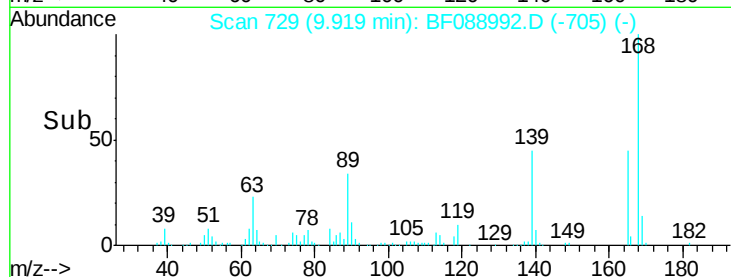
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



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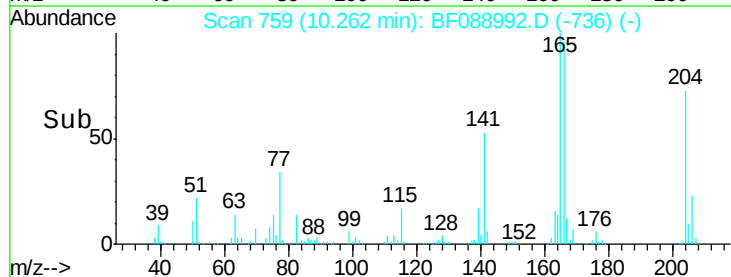
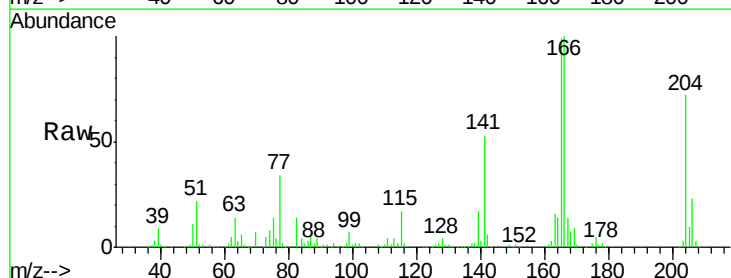
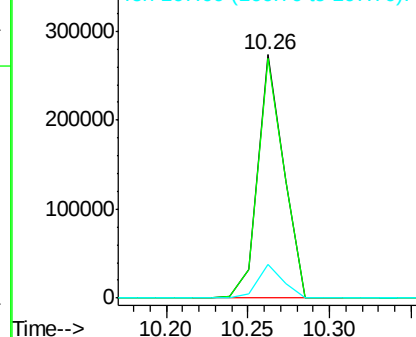
#57
Fluorene
Concen: 38.11 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

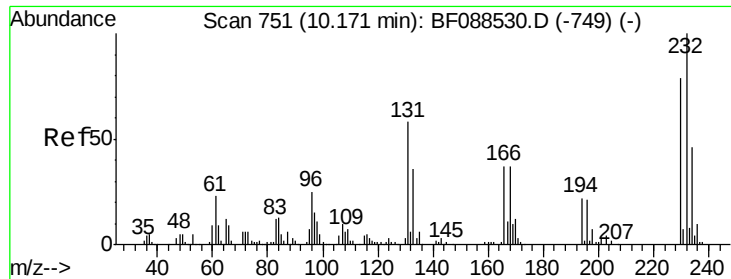
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	301214		
165	98.7	77.8	116.8	
167	13.7	11.2	16.8	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





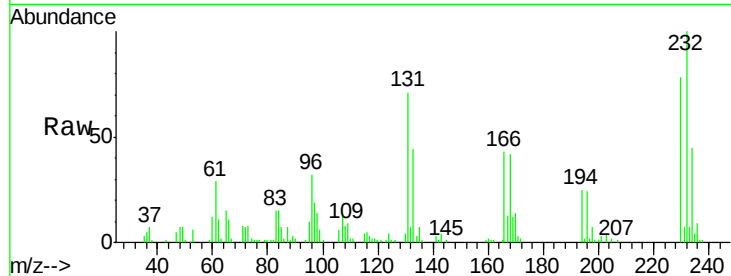
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.65 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.02 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Instrument :
 BNA_F
 ClientSampled :
 PB92031BS

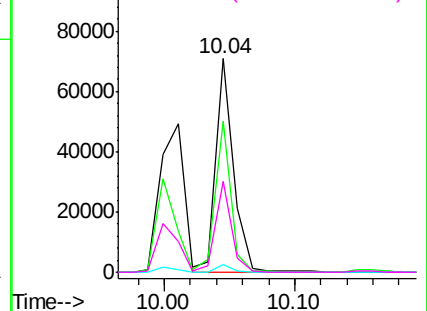
Tot Ion	Ratio	Lower	Upper
232	100		
131	61.6	0.9	1.3#
130	3.1	1.5	2.3#
166	38.3	0.5	0.7#

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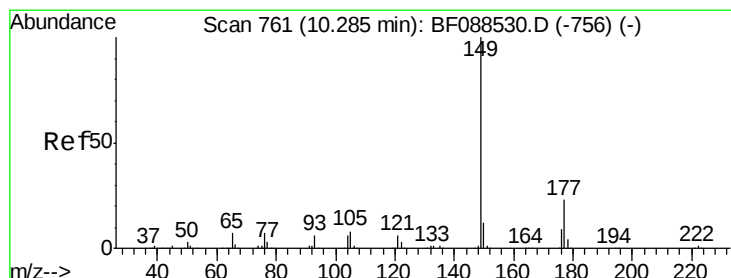
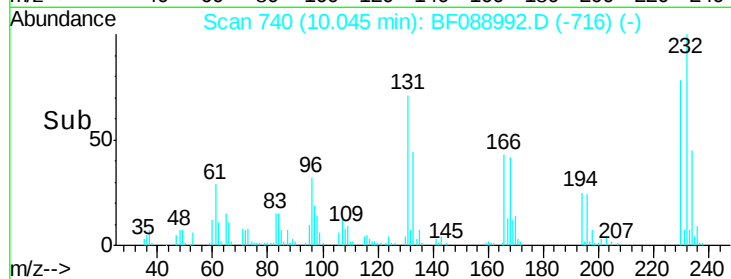


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



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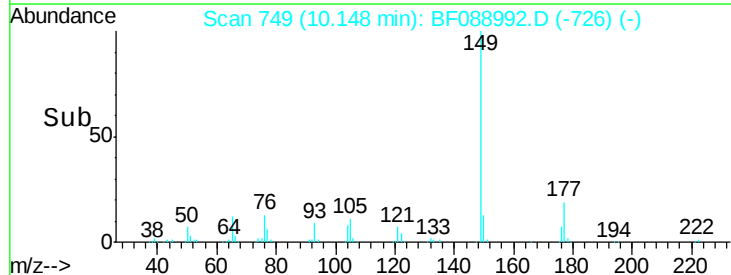
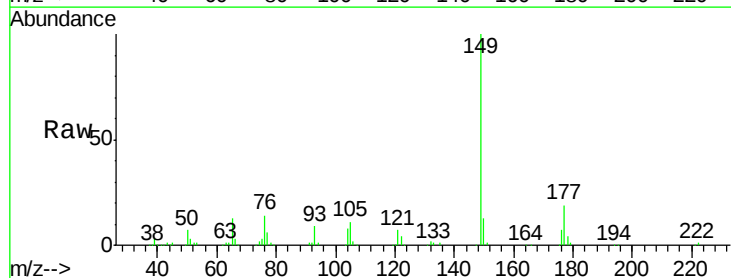
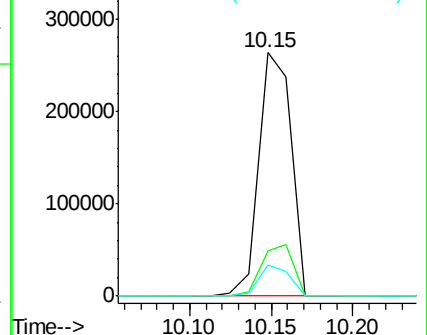
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#59
 Diethylphthalate
 Concen: 41.09 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.6	16.9	25.3
150	12.7	10.1	15.1

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





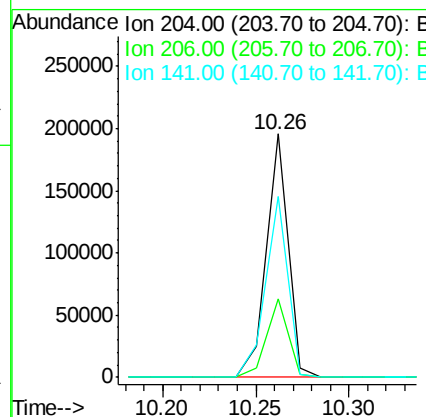
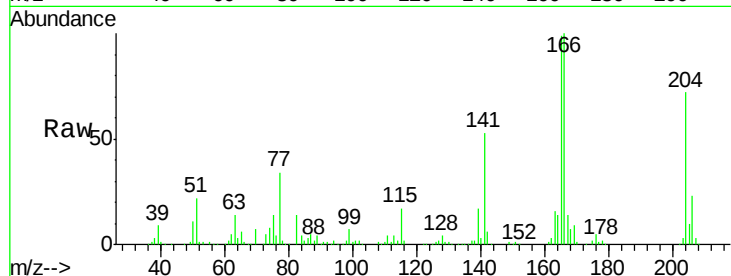
#60
4-Chlorophenyl-phenylether
Concen: 42.61 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion:204 Resp: 156485
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 74.0 55.0 82.6

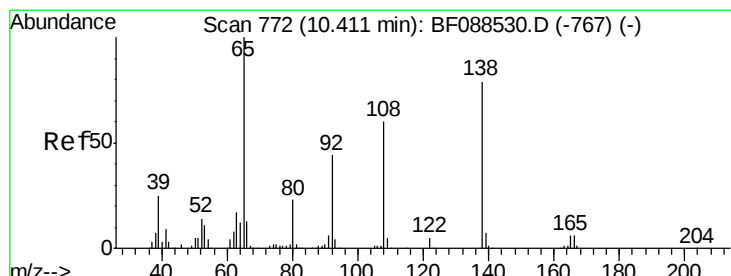
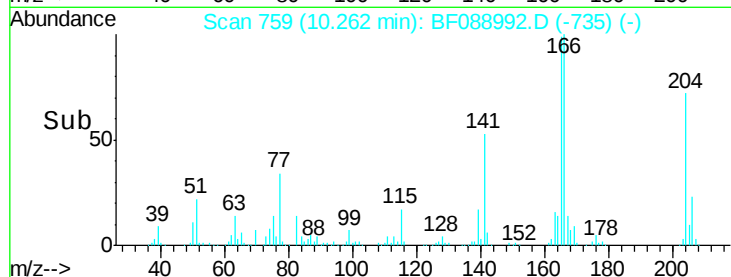
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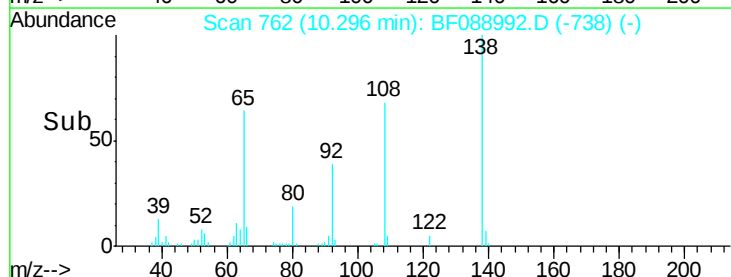
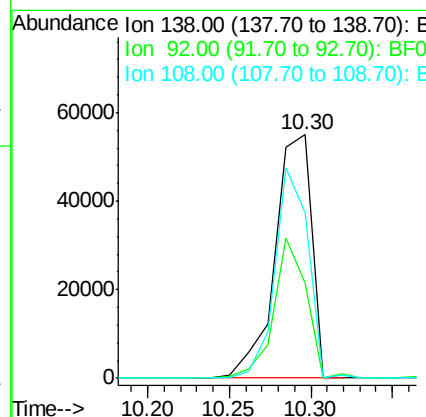
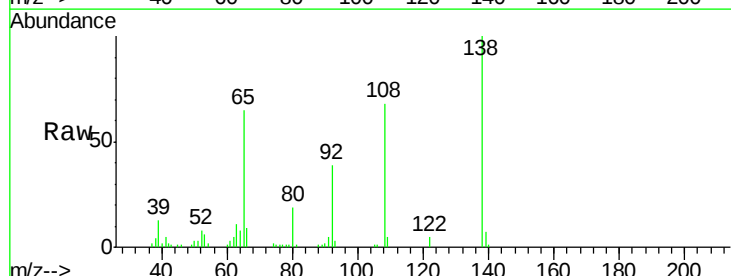
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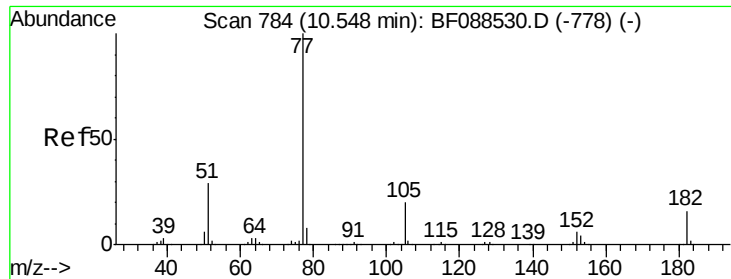
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#61
4-Nitroaniline
Concen: 36.15 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion:138 Resp: 86316
Ion Ratio Lower Upper
138 100
92 38.9 27.3 67.3
108 68.0 46.7 86.7





#62

Azobenzene

Concen: 43.22 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF088992.D

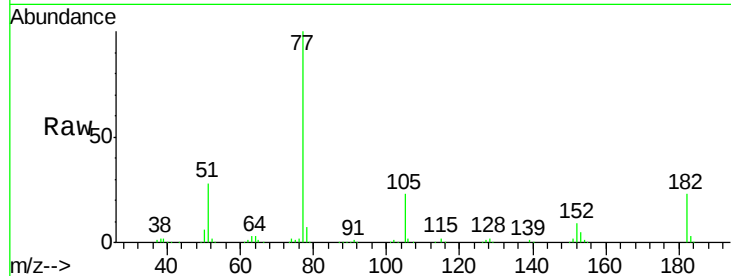
Acq: 14 Jul 2016 18:16

Instrument :

BNA_F

ClientSampled :

PB92031BS

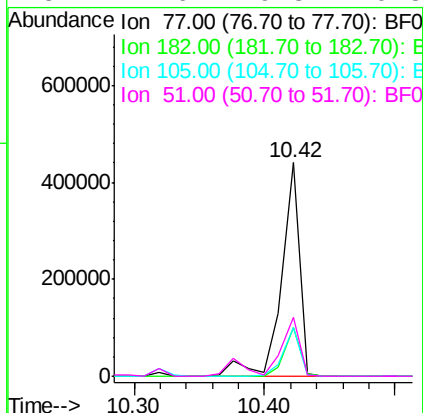
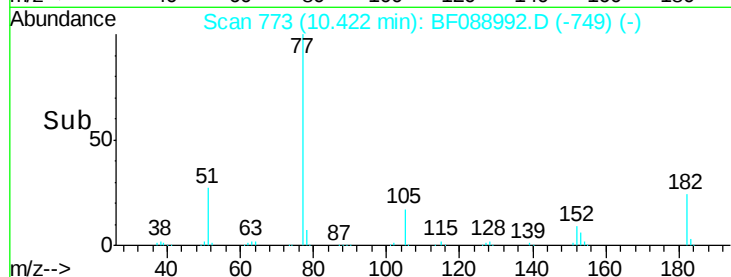


Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.8	4.4	44.4	
105	22.7	3.8	43.8	
51	27.6	9.3	49.3	

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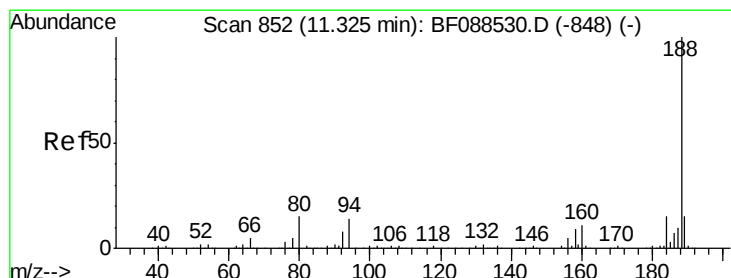
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#63

Phenanthrene-d10

Concen: 20.00 ng

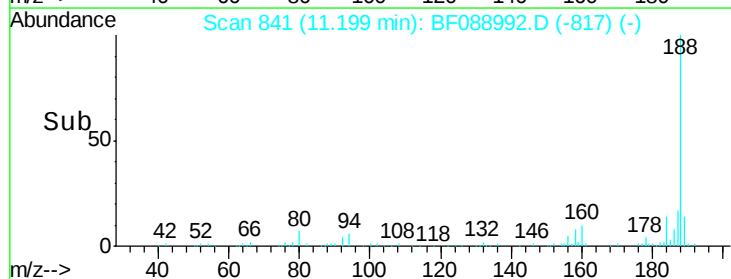
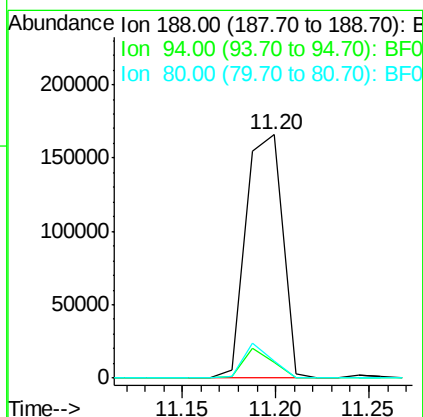
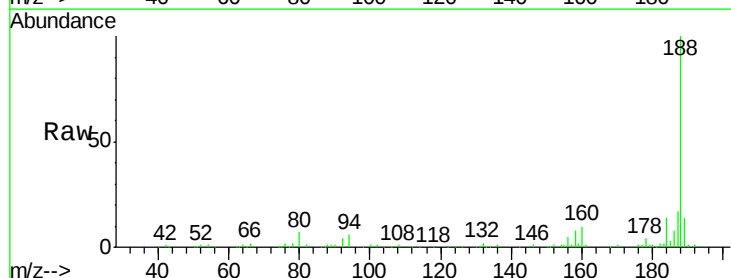
RT: 11.20 min Scan# 841

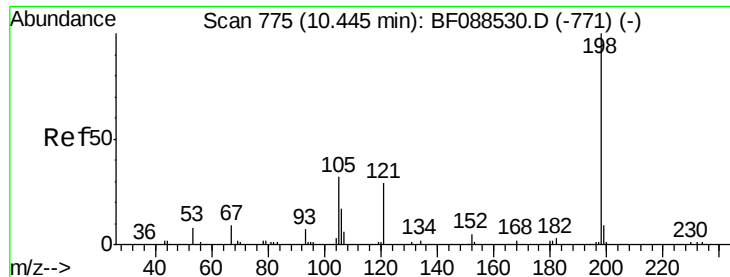
Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.4	9.0	13.6#	
80	6.8	10.0	15.0#	





#64

4,6-Dinitro-2-methylphenol

Concen: 17.10 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Instrument :

BNA_F

ClientSampled :

PB92031BS

Tot Ion:198 Resp: 20632

Ion Ratio Lower Upper

198 100

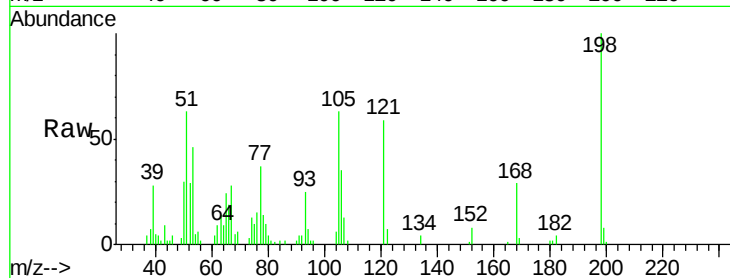
51 62.9 39.6 79.6

105 62.7 36.6 76.6

Manual Integrations

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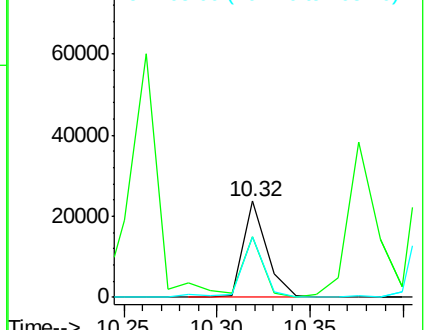
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Abundance Ion 198.00 (197.70 to 198.70): E

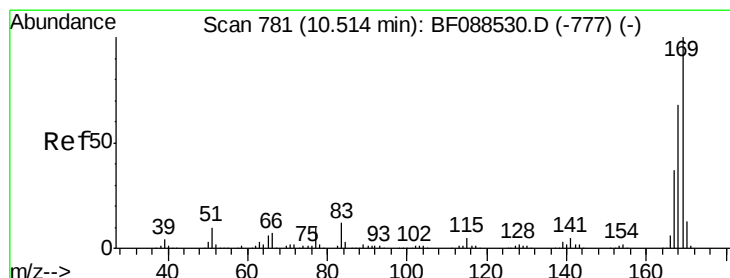
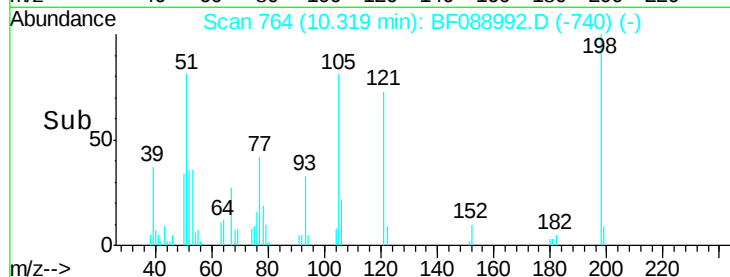
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 39.17 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

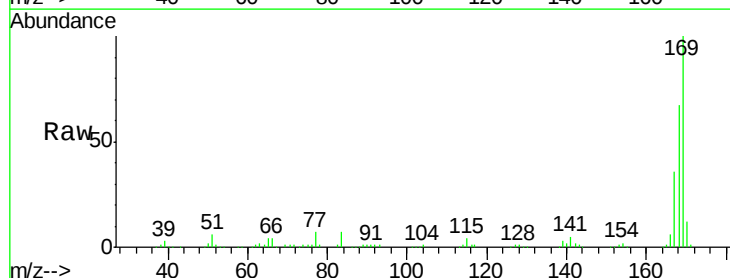
Tgt Ion:169 Resp: 299056

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

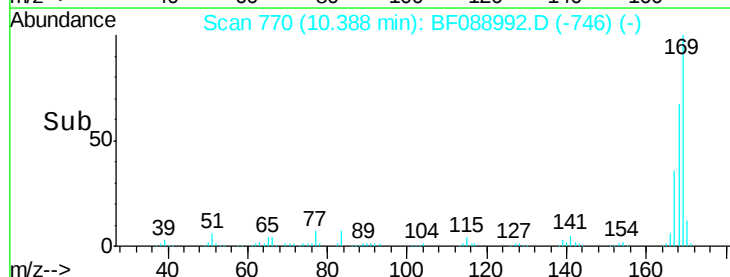
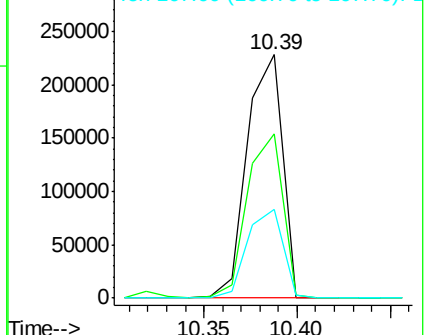
167 36.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





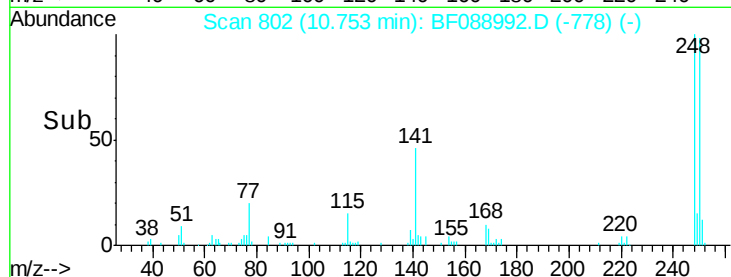
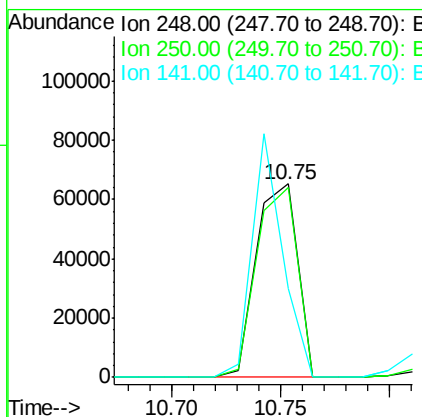
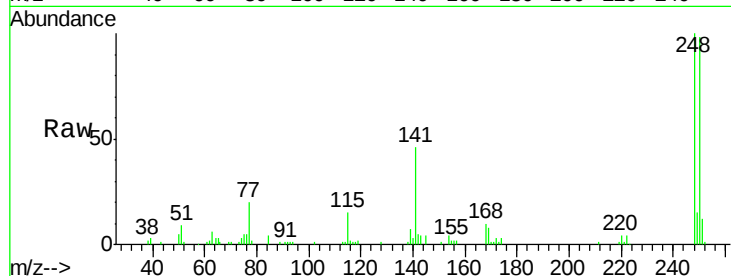
#66
4-Bromophenyl-phenylether
Concen: 38.23 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion:248 Resp: 86903
Ion Ratio Lower Upper
248 100
250 98.1 77.1 115.7
141 45.9 50.6 76.0#

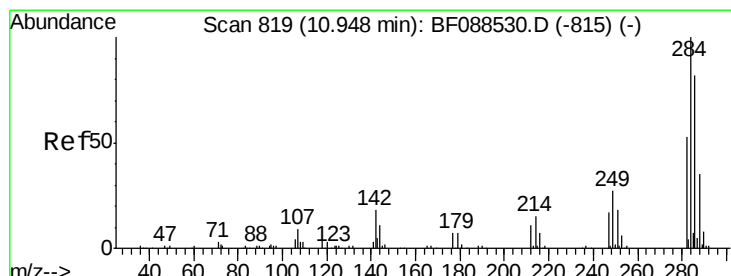
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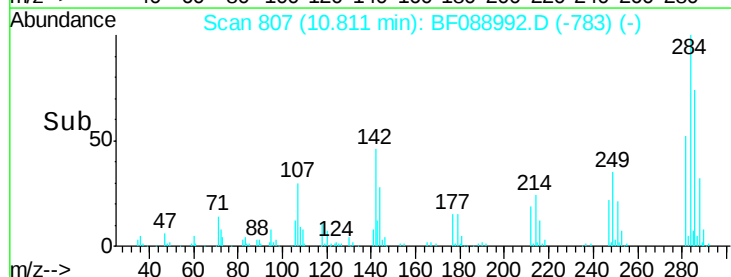
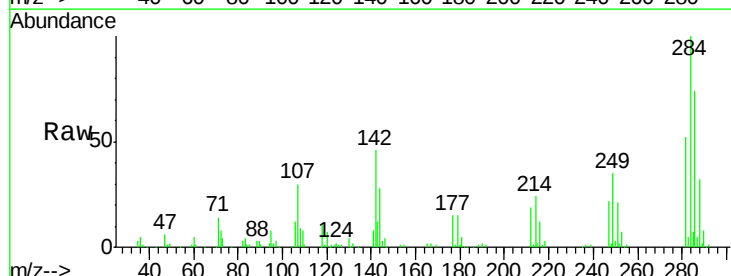
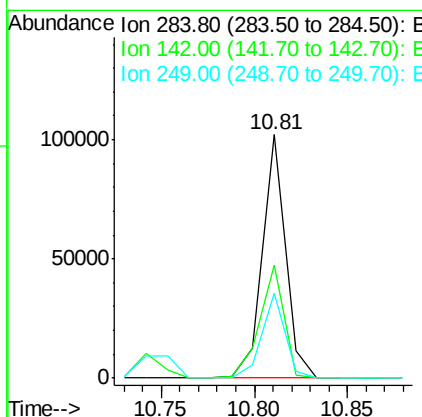
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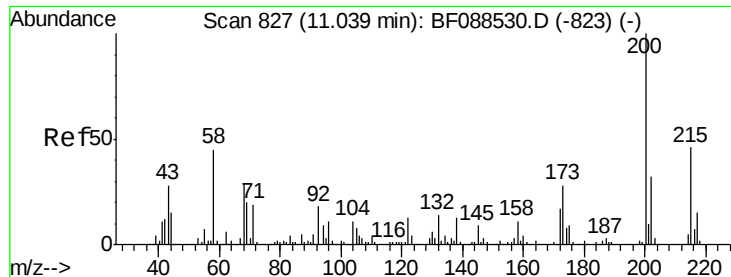
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#67
Hexachlorobenzene
Concen: 34.62 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion:284 Resp: 87110
Ion Ratio Lower Upper
284 100
142 46.4 35.8 53.8
249 35.0 25.8 38.6





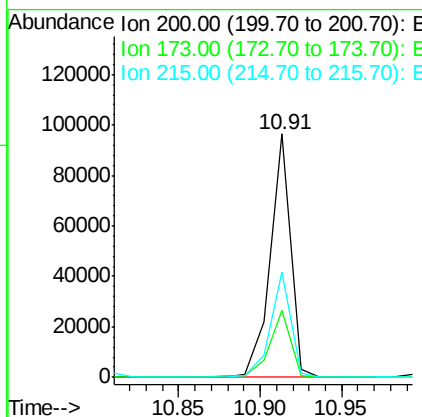
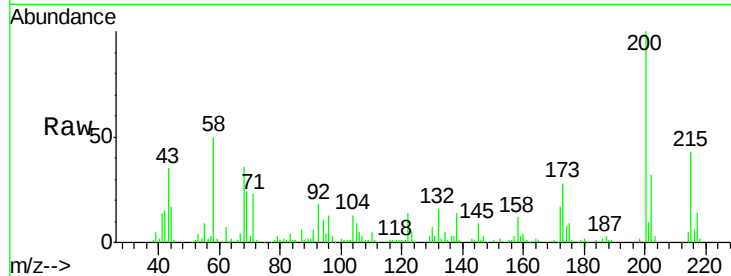
#68
Atrazine
Concen: 35.45 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	4.0	44.0
215	43.3	29.3	69.3

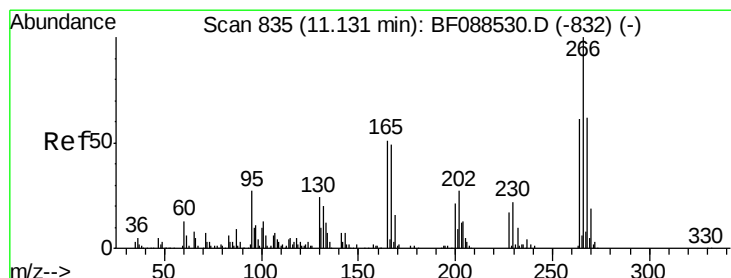
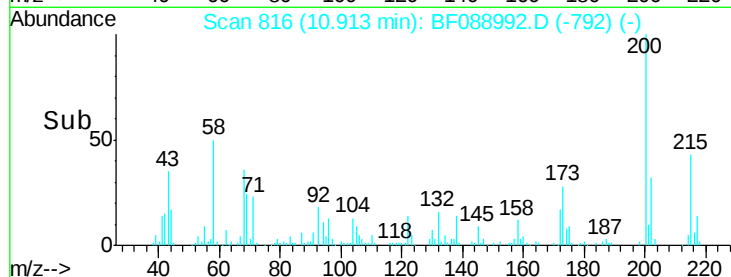
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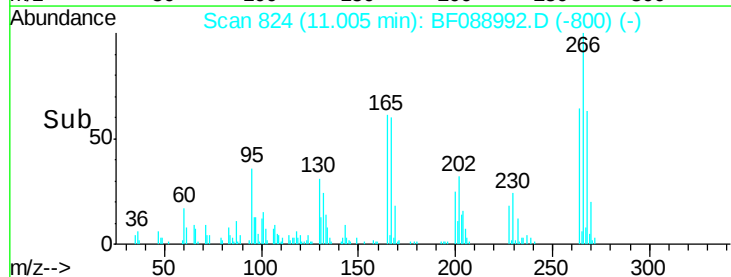
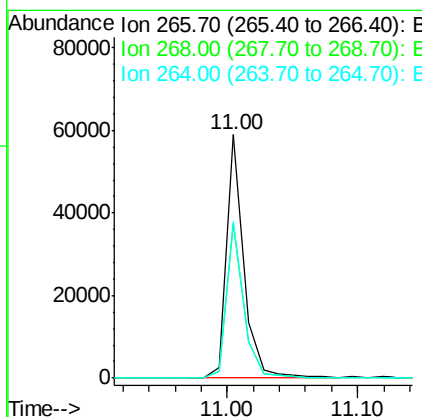
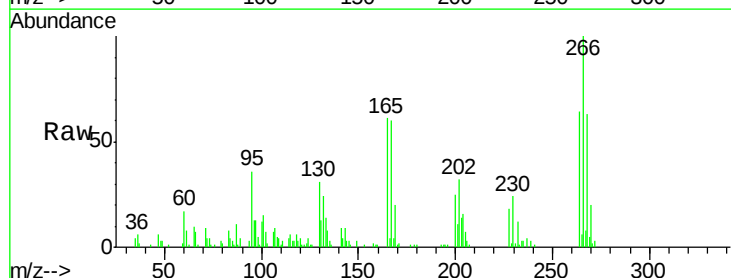
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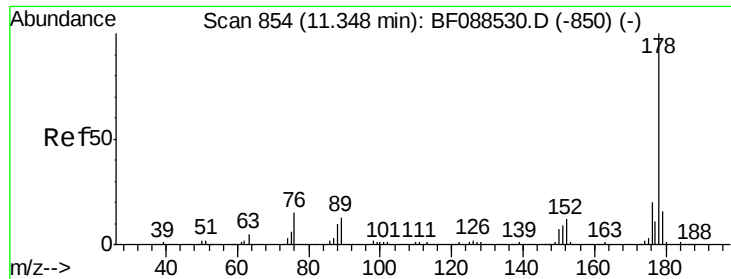
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#69
Pentachlorophenol
Concen: 36.59 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.8	79.2
264	64.4	49.6	74.4





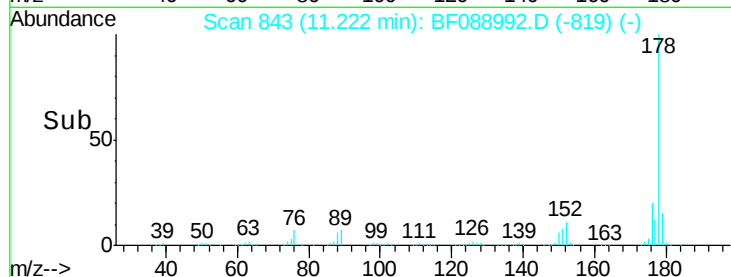
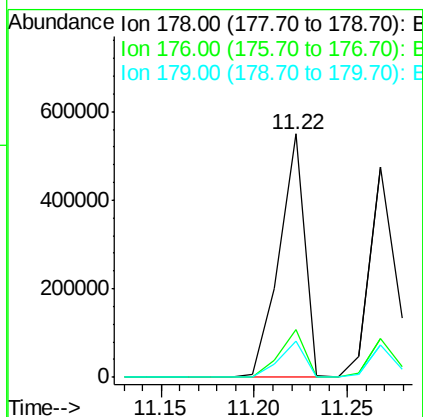
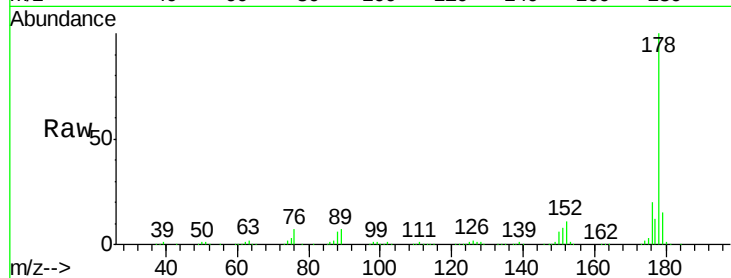
#70
Phenanthrene
Concen: 42.56 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion:178 Resp: 524788
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.0 13.0 19.4

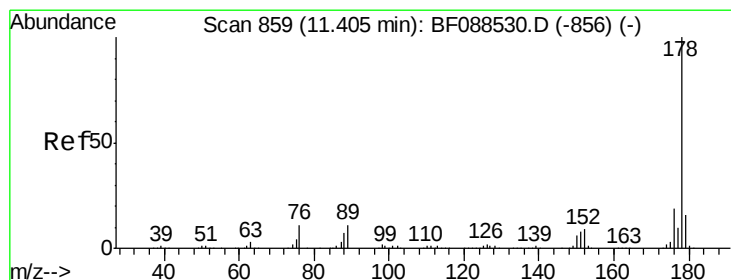
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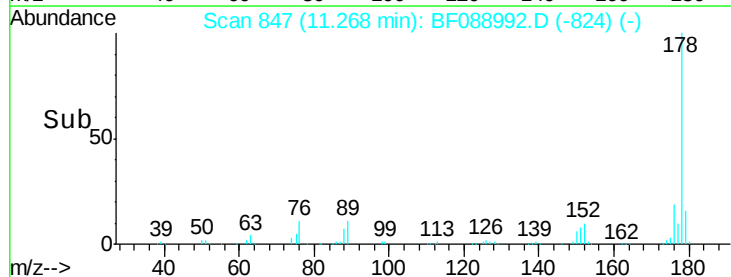
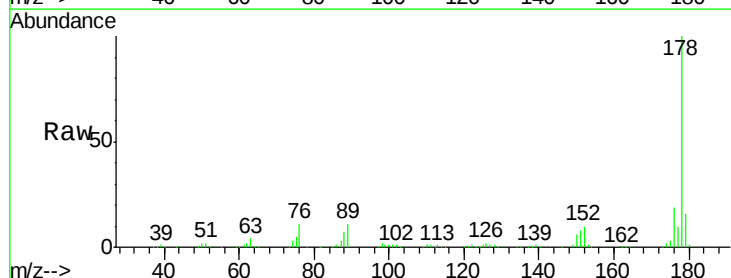
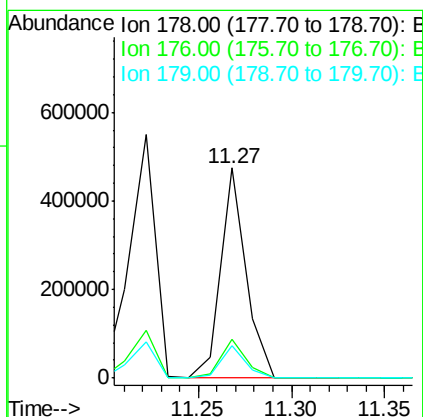
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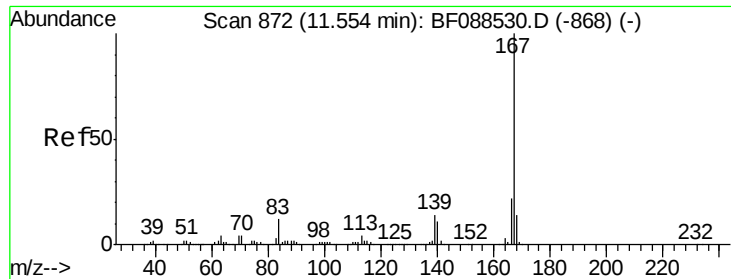
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#71
Anthracene
Concen: 36.72 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion:178 Resp: 450269
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 15.6 12.8 19.2





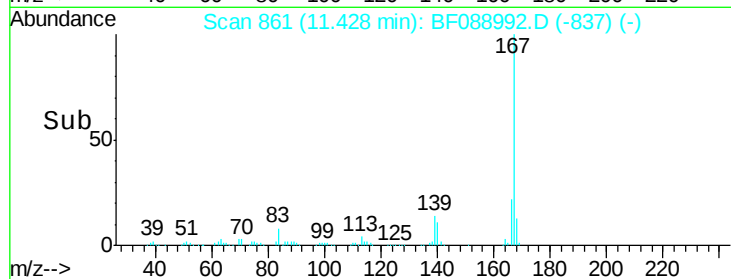
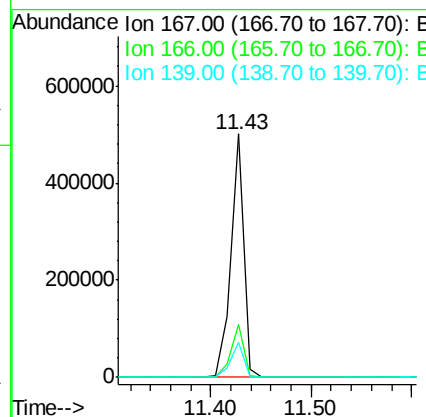
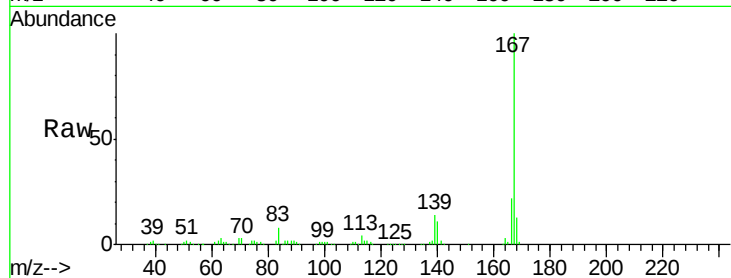
#72
 Carbazole
 Concen: 38.52 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Instrument :
 BNA_F
 ClientSampled :
 PB92031BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.8	17.8	26.6	
139	14.2	11.2	16.8	

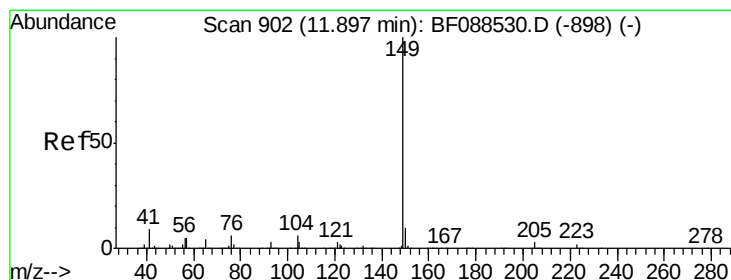
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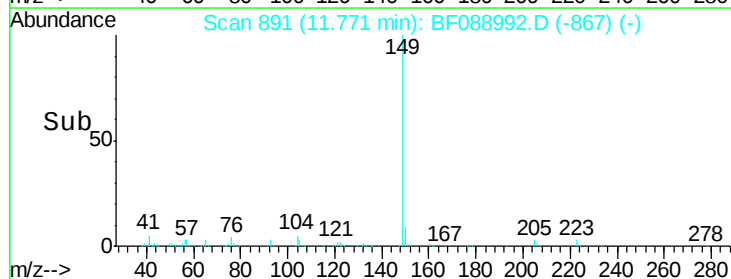
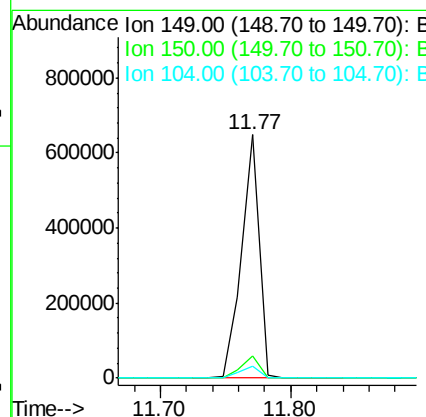
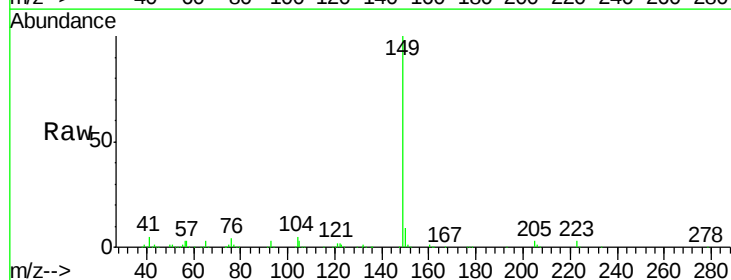
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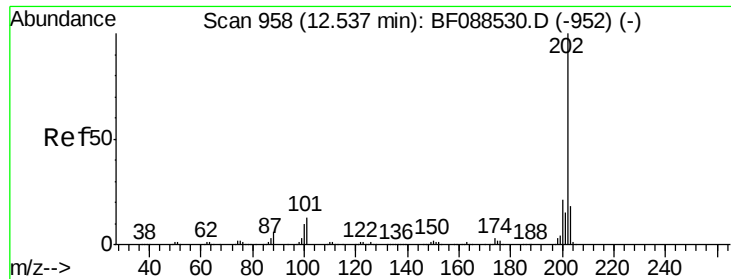
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#73
 Di-n-butylphthalate
 Concen: 44.85 ng
 RT: 11.77 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.1	7.8	11.6	
104	4.9	4.0	6.0	





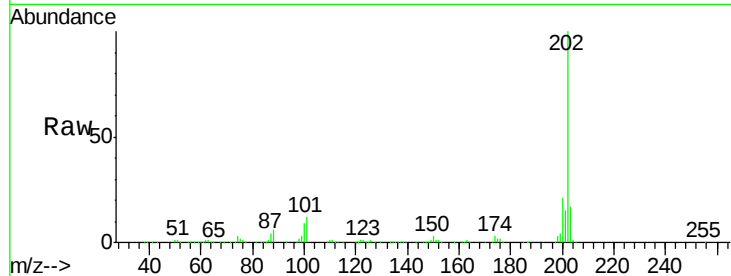
#74
Fluoranthene
Concen: 39.31 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

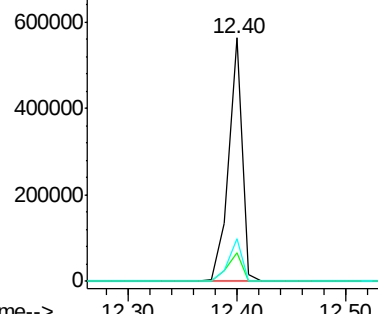
Tot Ion	Ratio	Resp	Lower	Upper
202	100	491371		
101	11.7	0.0	33.1	
203	17.5	0.0	38.1	

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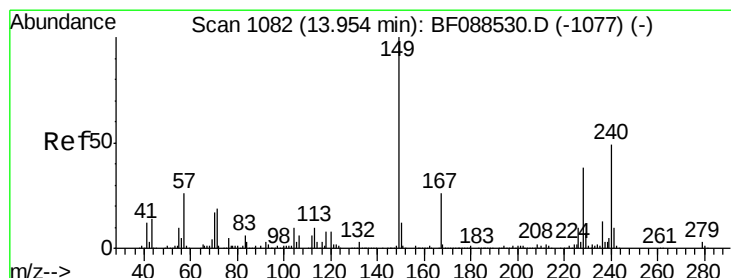
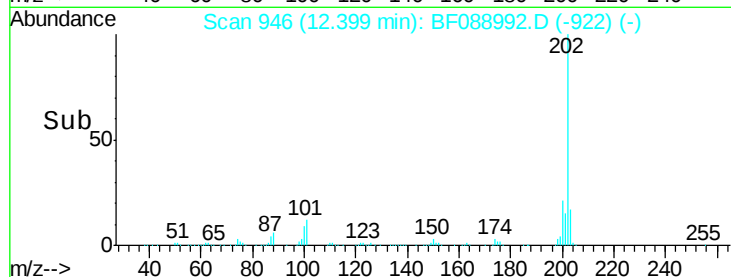


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



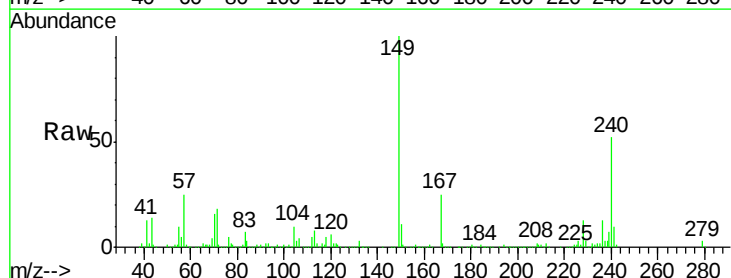
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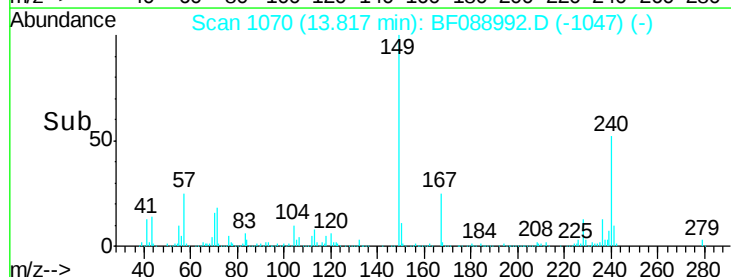
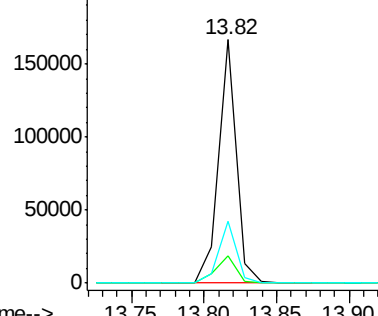


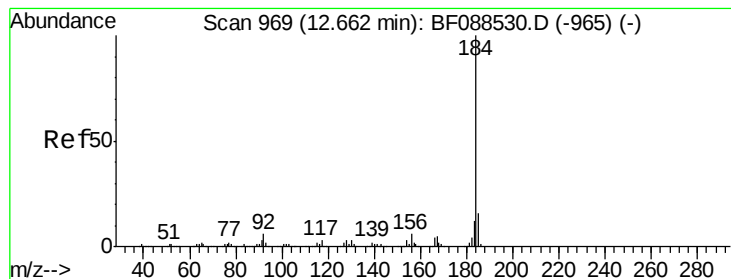
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	142174		
120	11.3	6.8	10.2#	
236	25.4	20.2	30.2	



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





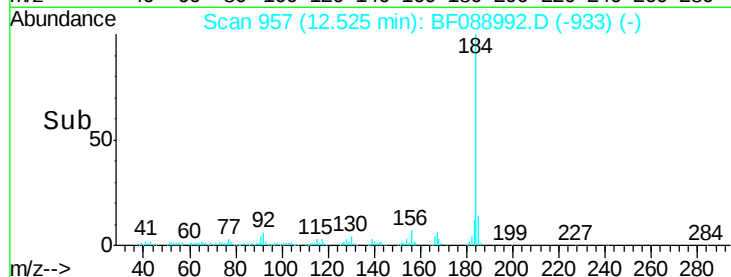
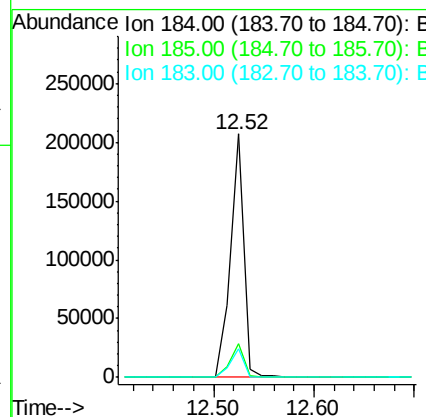
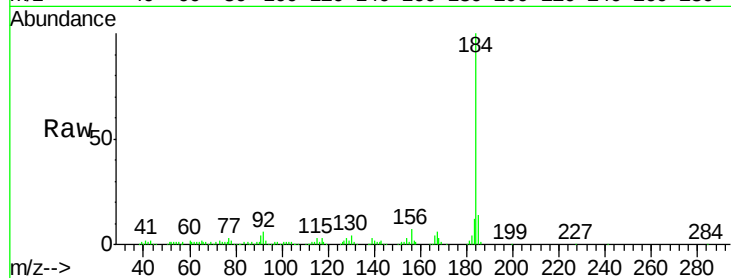
#76
Benzidine
Concen: 26.76 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.5	18.7
183	12.0	9.3	13.9

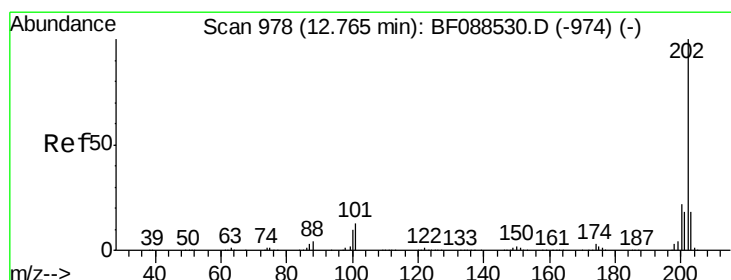
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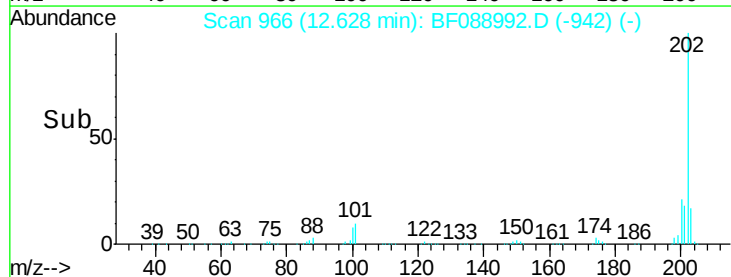
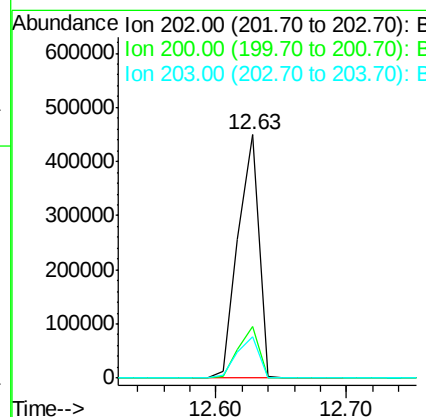
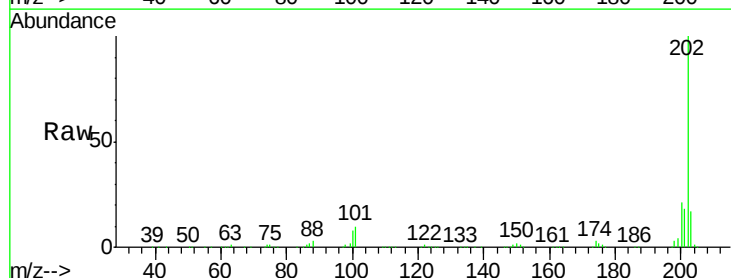
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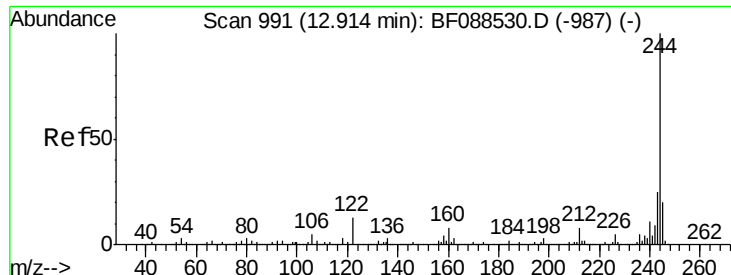
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#77
Pyrene
Concen: 41.07 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.9	14.5	21.7





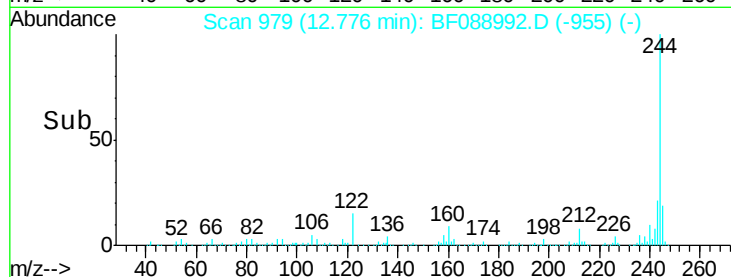
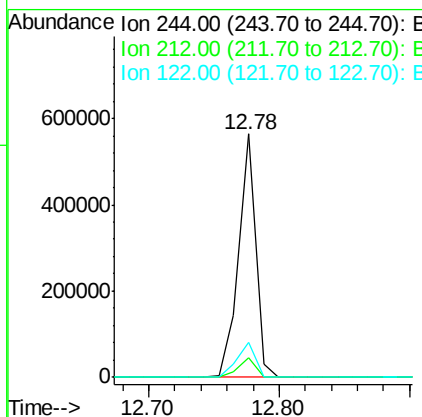
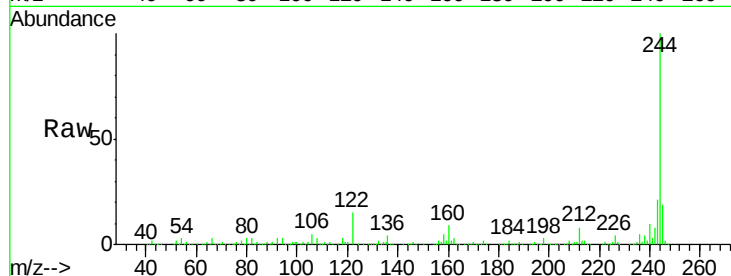
#78
 Terphenyl-d14
 Concen: 79.95 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB92031BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	14.6	11.2	16.8

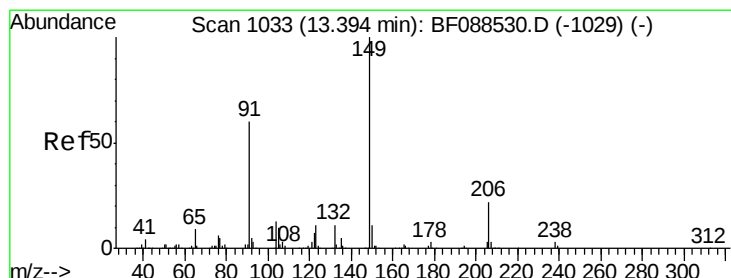
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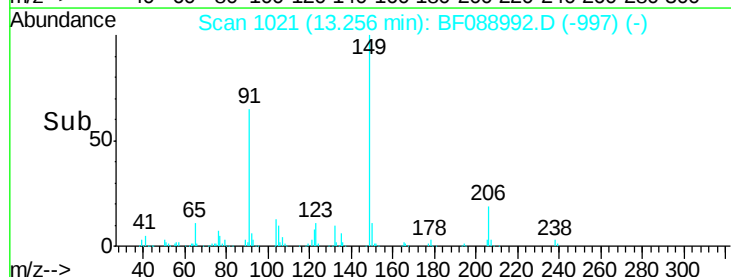
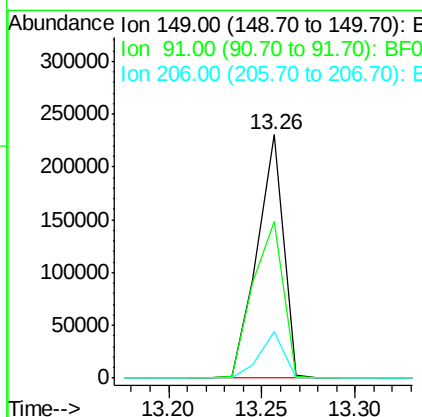
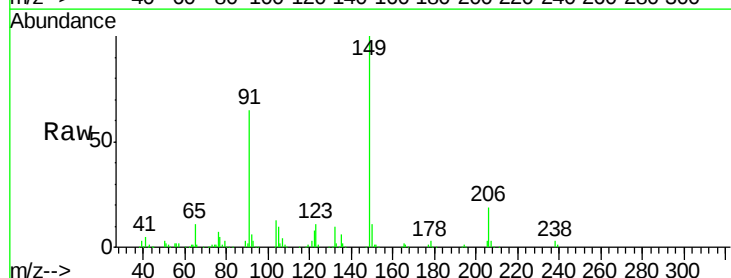
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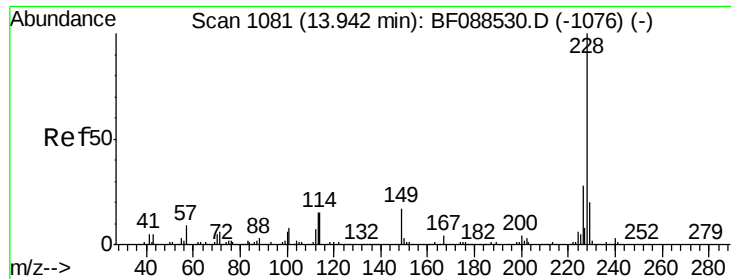
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#79
 Butylbenzylphthalate
 Concen: 41.74 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF088992.D
 Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.5	48.0	72.0
206	19.3	16.0	24.0





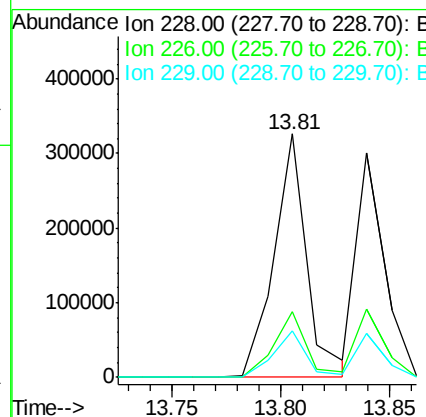
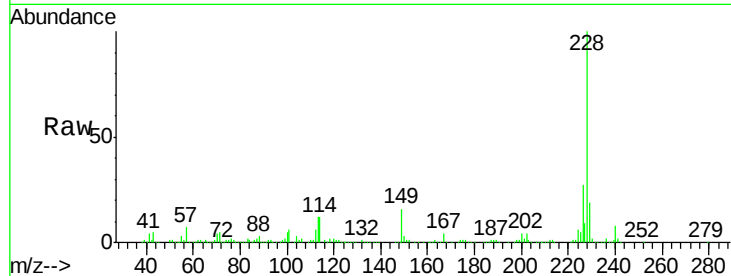
#80
Benzo(a)anthracene
Concen: 37.73 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.2	16.0	24.0

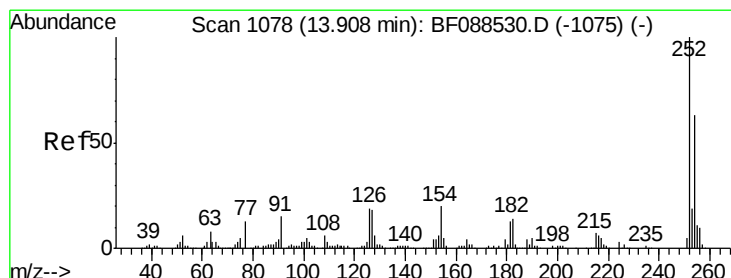
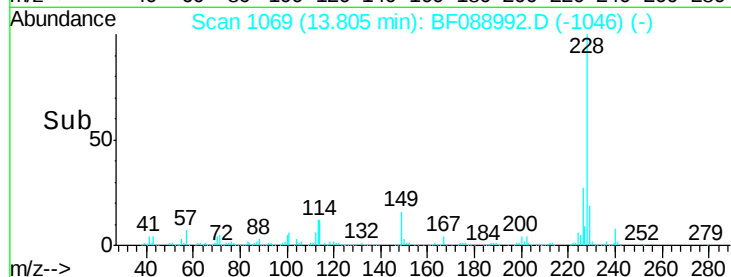
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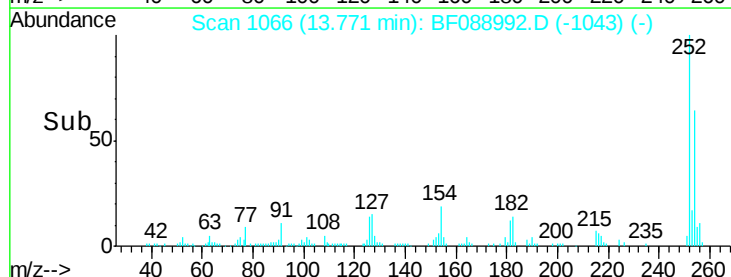
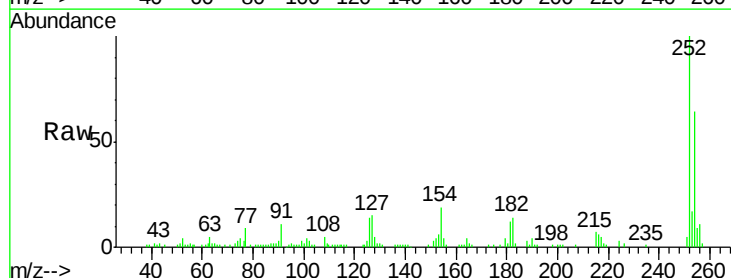
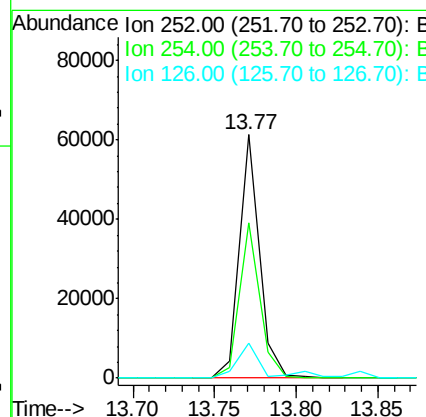
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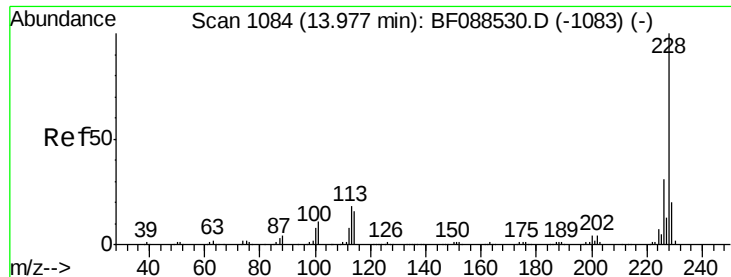
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#81
3,3'-Dichlorobenzidine
Concen: 15.01 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.6	78.8
126	14.3	6.2	9.2#





#82

Chrysene

Concen: 30.10 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

Instrument :

BNA_F

ClientSampled :

PB92031BS

Tot Ion:228 Resp: 272598

Ion Ratio Lower Upper

228 100

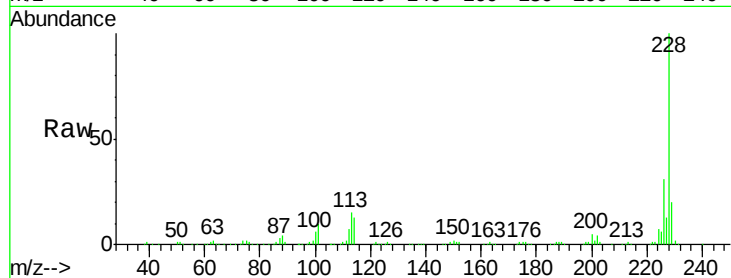
226 30.6 25.4 38.2

229 19.7 16.3 24.5

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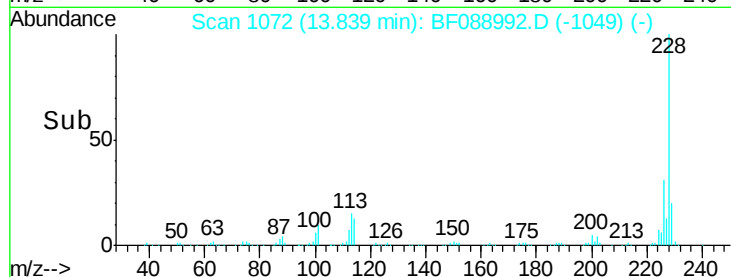


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

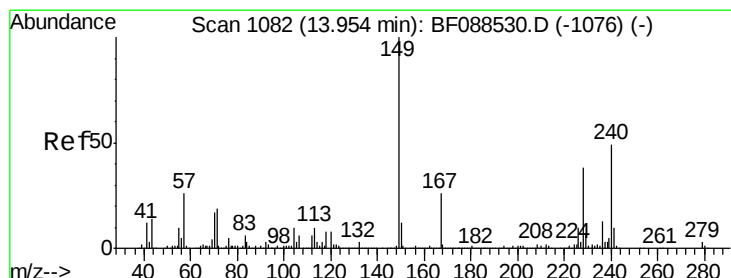
13.84



Time-->

Sohil

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#83

Bis(2-ethylhexyl)phthalate

Concen: 44.47 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088992.D

Acq: 14 Jul 2016 18:16

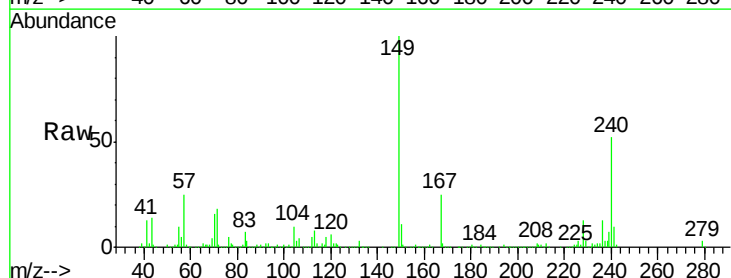
Tgt Ion:149 Resp: 272973

Ion Ratio Lower Upper

149 100

167 24.9 20.5 30.7

279 2.6 2.0 3.0

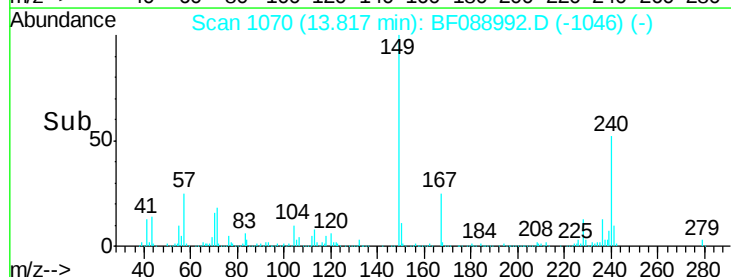


Abundance Ion 149.00 (148.70 to 149.70): E

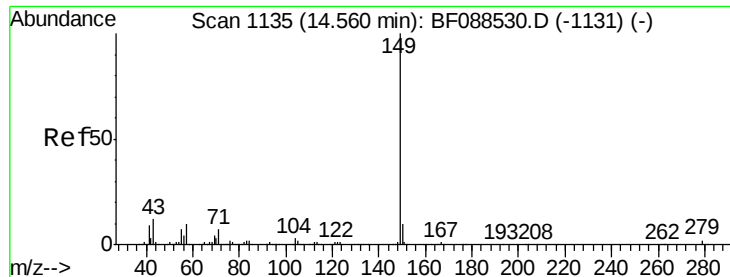
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.82



Time-->



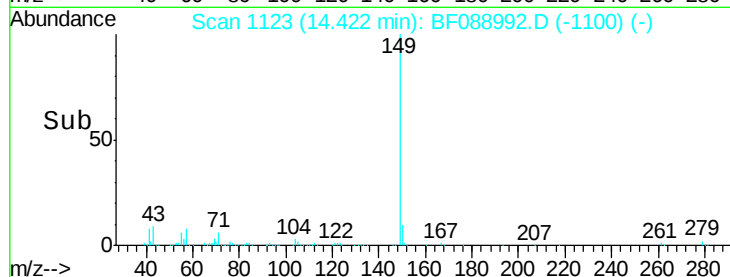
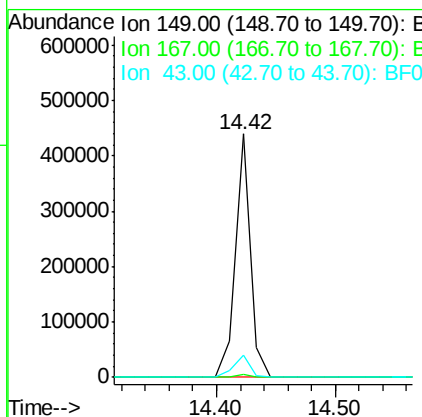
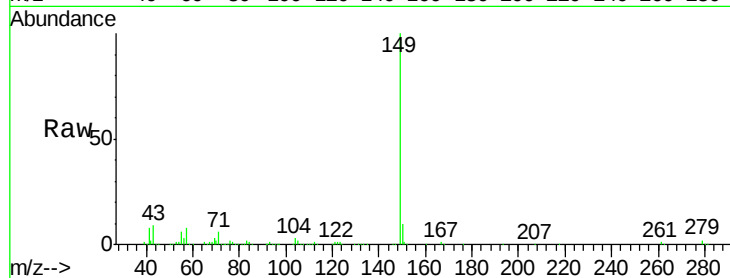
#84
Di-n-octyl phthalate
Concen: 36.95 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	385314		
167	1.5	0.0	0.0	0.0
43	9.4	0.0	0.0	0.0

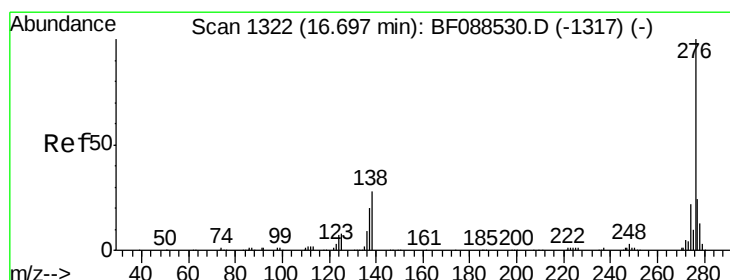
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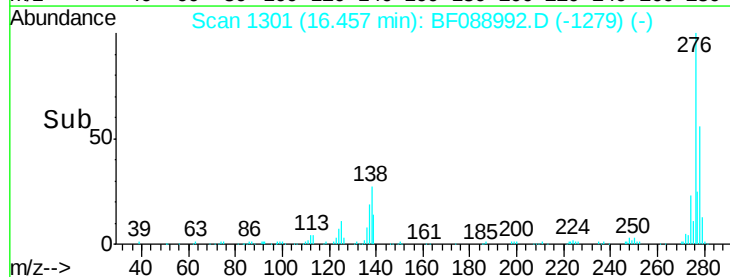
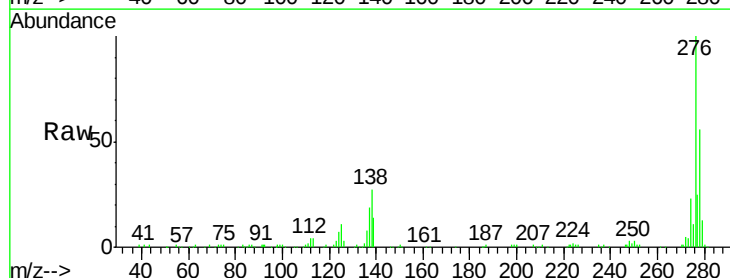
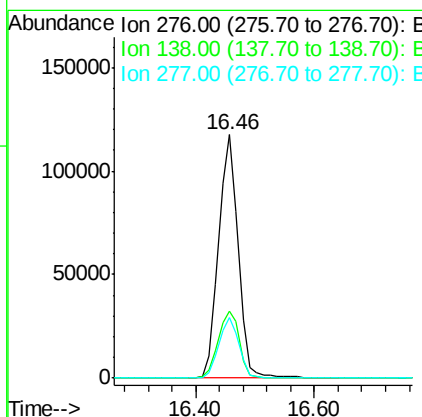
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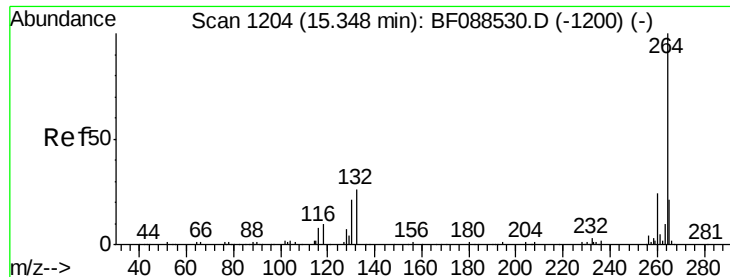
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#85
Indeno(1,2,3-cd)pyrene
Concen: 38.55 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.05 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	268623		
138	29.5	0.0	0.0	0.0
277	25.4	0.0	0.0	0.0





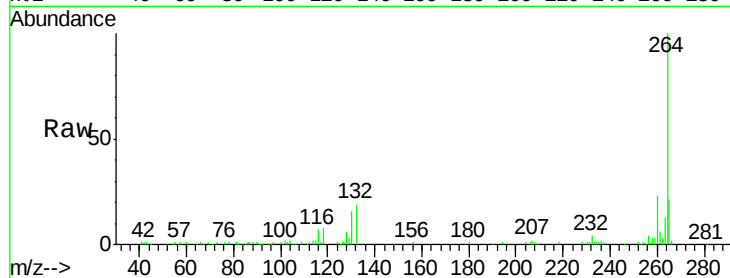
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	16.9	25.3

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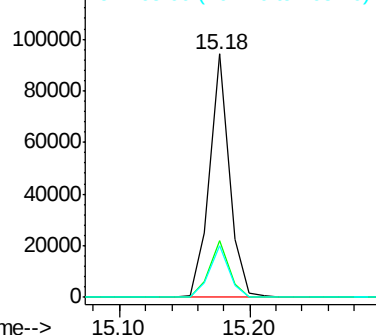


Abundance

Ion 264.00 (263.70 to 264.70): E

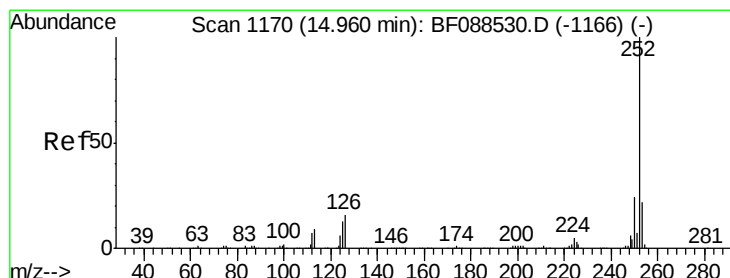
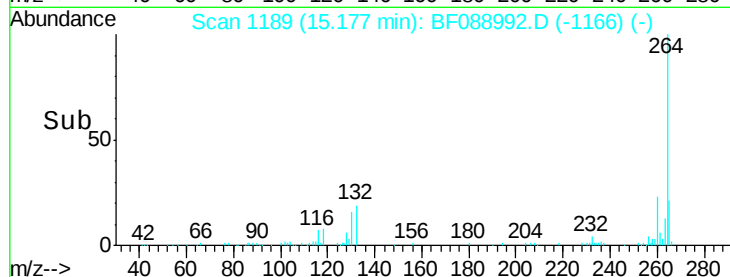
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



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#87
Benzo(b)fluoranthene
Concen: 48.46 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

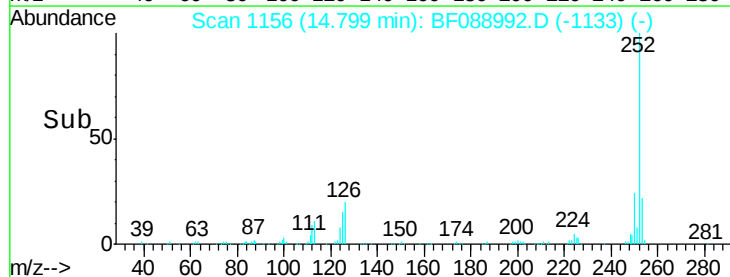
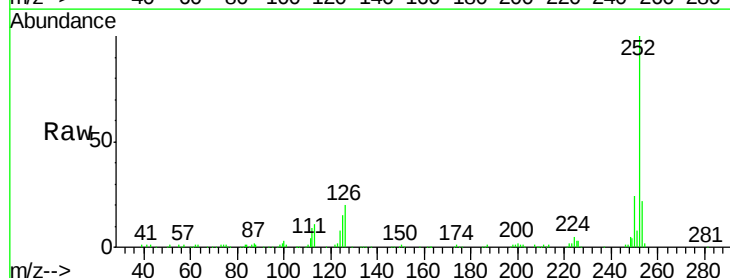
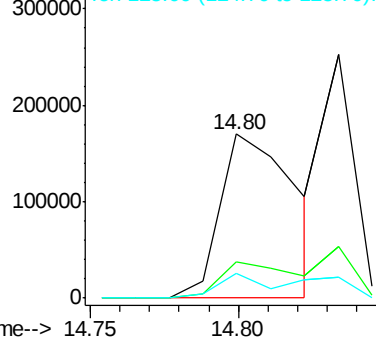
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	15.2	7.1	10.7#

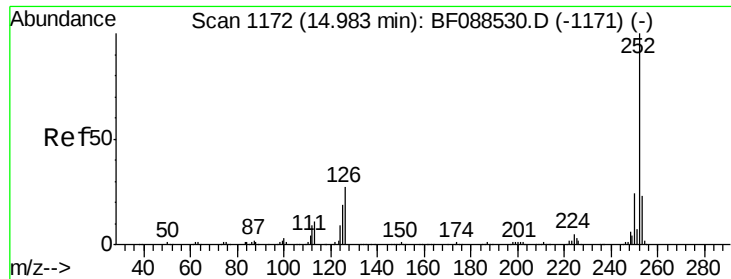
Abundance

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





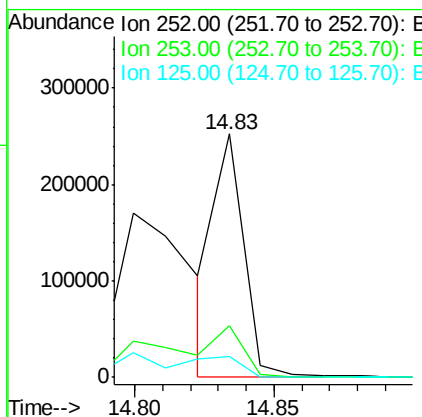
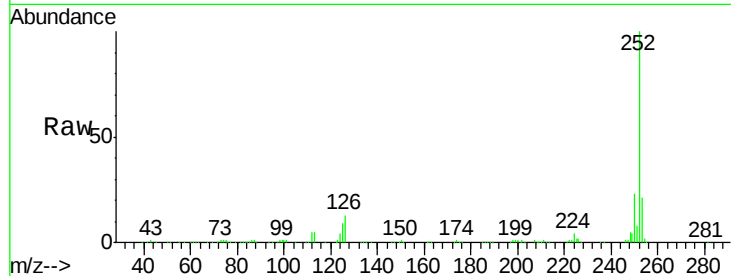
#88
Benzo(k)fluoranthene
Concen: 34.11 ng m
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	8.7	11.2	16.8

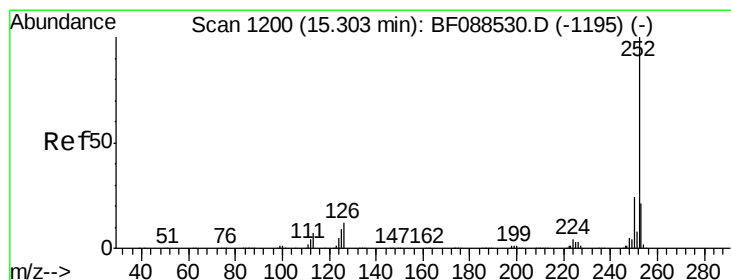
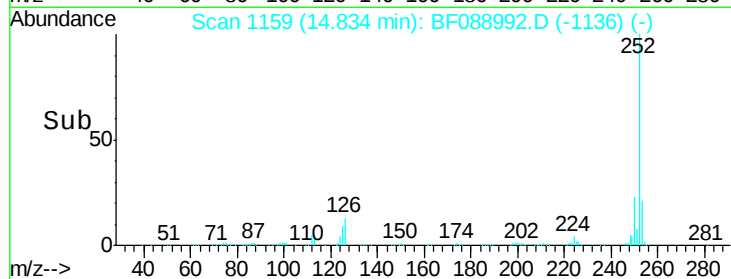
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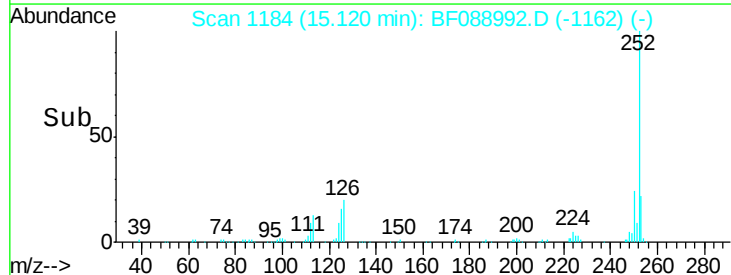
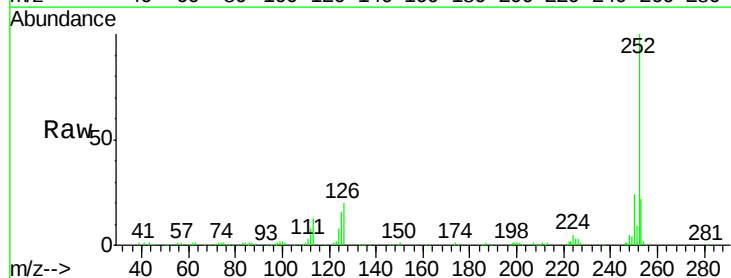
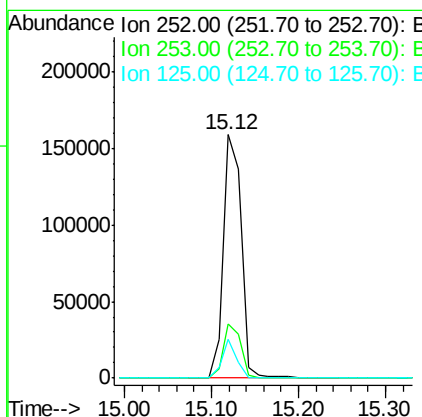
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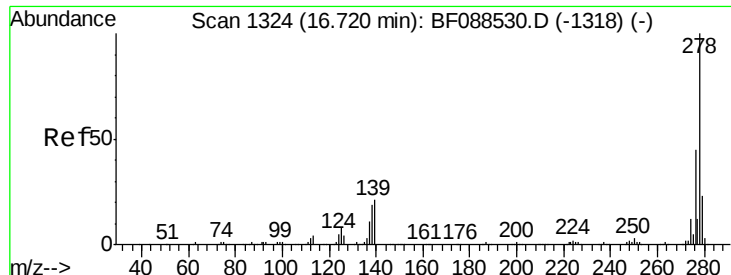
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#89
Benzo(a)pyrene
Concen: 43.61 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	15.8	12.5	18.7





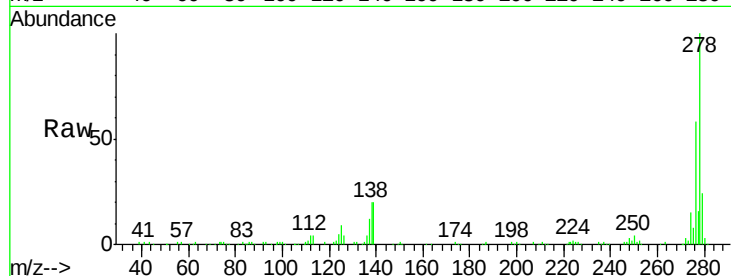
#90
Dibenzo(a,h)anthracene
Concen: 50.83 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.05 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB92031BS

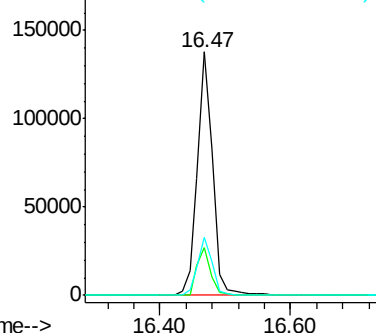
Tot Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.7	23.5
279	23.6	19.4	29.2

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7/15/2016 9:16:25 AM

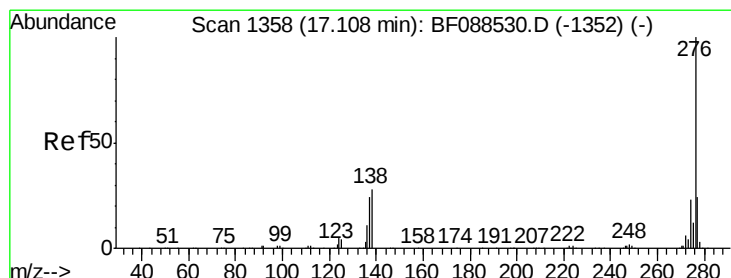
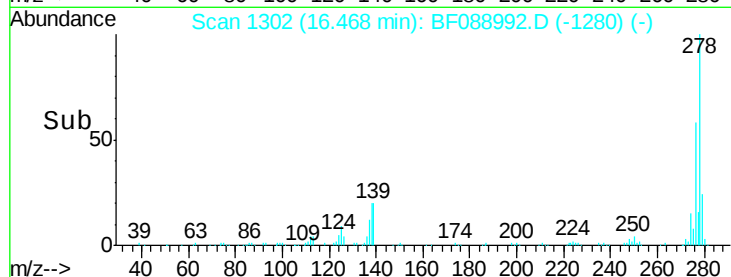


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



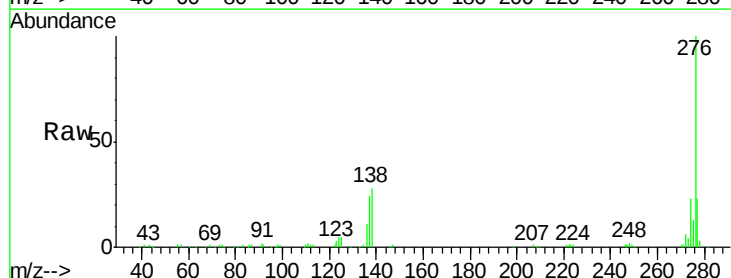
Sohil

7/15/2016 9:16:25 AM



#91
Benzo(g,h,i)perylene
Concen: 50.09 ng
RT: 16.83 min Scan# 1334
Delta R.T. -0.06 min
Lab File: BF088992.D
Acq: 14 Jul 2016 18:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	28.0	21.4	32.2



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

