

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089202.D
 Acq On : 22 Jul 2016 19:46
 Operator : UM/SJ
 Sample : PB92323BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Manual Integrations
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 7/25/2016 6:41:30 PM

Quant Time: Jul 25 11:00:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	49295	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	205810	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	99577	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	198007	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	139406	20.00	ng	-0.01
86) Perylene-d12	15.05	264	112653	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	419071	129.29	ng	-0.01
7) Phenol-d6	6.25	99	531305	127.11	ng	-0.02
23) Nitrobenzene-d5	7.15	82	334042	86.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	121073	135.05	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	616288	85.27	ng	-0.02
78) Terphenyl-d14	12.67	244	582370	90.61	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	45489	32.32	ng	# 90
3) Pyridine	2.71	79	118109	33.04	ng	98
4) n-Nitrosodimethylamine	2.68	42	52353	34.79	ng	98
6) Aniline	6.25	93	158688	28.10	ng	# 67
8) 2-Chlorophenol	6.36	128	149377	41.53	ng	# 81
9) Benzaldehyde	6.12	77	49652	19.90	ng	99
10) Phenol	6.26	94	200149	41.56	ng	98
11) bis(2-Chloroethyl)ether	6.33	93	159975	44.23	ng	97
12) 1,3-Dichlorobenzene	6.52	146	144453m	36.37	ng	
13) 1,4-Dichlorobenzene	6.59	146	153886	38.47	ng	99
14) 1,2-Dichlorobenzene	6.75	146	153913	40.81	ng	98
15) Benzyl Alcohol	6.74	79	132269	43.21	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	168933	41.00	ng	# 56
17) 2-Methylphenol	6.87	107	120009	42.36	ng	98
18) Hexachloroethane	7.08	117	59941	39.87	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	114580	41.91	ng	99
20) 3+4-Methylphenols	7.03	107	158520	41.21	ng	94
22) Acetophenone	7.00	105	225631	41.05	ng	# 98
24) Nitrobenzene	7.18	77	165374	40.48	ng	99
25) Isophorone	7.42	82	305176	42.75	ng	99
26) 2-Nitrophenol	7.50	139	79700	41.83	ng	# 77
27) 2,4-Dimethylphenol	7.54	122	123042	38.33	ng	99
28) bis(2-Chloroethoxy)methane	7.63	93	193855	43.41	ng	100
29) 2,4-Dichlorophenol	7.74	162	125976	43.54	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	132508	41.38	ng	98
31) Naphthalene	7.88	128	420708m	37.87	ng	
32) Benzoic acid	7.70	122	87297	35.36	ng	92
33) 4-Chloroaniline	7.95	127	132512	28.37	ng	97
34) Hexachlorobutadiene	8.01	225	68774	38.58	ng	99
35) Caprolactam	8.33	113	36571m	40.70	ng	
36) 4-Chloro-3-methylphenol	8.44	107	144854	41.56	ng	97
37) 2-Methylnaphthalene	8.58	142	305035	43.06	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	125154	33.82	ng	99
40) Hexachlorocyclopentadiene	8.73	237	96605	78.18	ng	99

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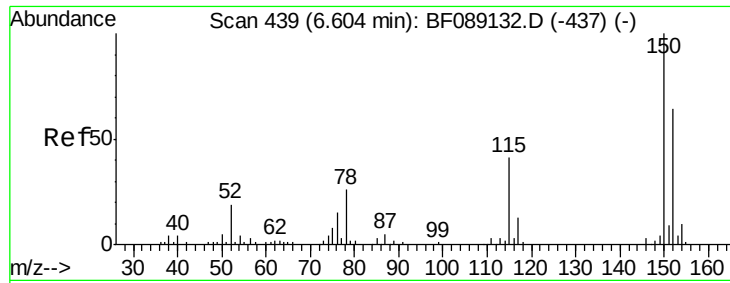
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	84325	40.71	ng	98
43) 2,4,5-Trichlorophenol	8.91	196	97586	46.93	ng #	93
45) 1,1'-Biphenyl	9.05	154	350121	39.04	ng	96
46) 2-Chloronaphthalene	9.06	162	270621	39.71	ng	98
47) 2-Nitroaniline	9.18	65	93699	40.08	ng #	75
48) Acenaphthylene	9.47	152	421305	39.32	ng	99
49) Dimethylphthalate	9.36	163	336913	44.09	ng	99
50) 2,6-Dinitrotoluene	9.42	165	74707	43.30	ng #	73
51) Acenaphthene	9.64	154	246954	38.97	ng	99
52) 3-Nitroaniline	9.59	138	62073	30.30	ng	85
53) 2,4-Dinitrophenol	9.70	184	69023	78.62	ng #	89
54) Dibenzofuran	9.82	168	383961	44.84	ng	95
55) 4-Nitrophenol	9.78	139	82504	66.56	ng	89
56) 2,4-Dinitrotoluene	9.83	165	98762	44.44	ng #	71
57) Fluorene	10.16	166	298744	41.10	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	71901	48.14	ng	97
59) Diethylphthalate	10.06	149	363611	47.99	ng	99
60) 4-Chlorophenyl-phenylether	10.16	204	146702	44.21	ng #	84
61) 4-Nitroaniline	10.20	138	81183	40.73	ng	98
62) Azobenzene	10.32	77	394142	47.86	ng	92
64) 4,6-Dinitro-2-methylphenol	10.23	198	48289	41.89	ng #	32
65) n-Nitrosodiphenylamine	10.28	169	290853	43.95	ng	98
66) 4-Bromophenyl-phenylether	10.64	248	80956	41.32	ng #	81
67) Hexachlorobenzene	10.71	284	88520	42.00	ng #	85
68) Atrazine	10.82	200	83726	40.46	ng	94
69) Pentachlorophenol	10.90	266	82708	85.07	ng	97
70) Phenanthrene	11.12	178	454452	41.84	ng	99
71) Anthracene	11.16	178	489901	43.39	ng	99
72) Carbazole	11.32	167	424585	42.81	ng	99
73) Di-n-butylphthalate	11.67	149	563957	45.98	ng	99
74) Fluoranthene	12.30	202	480280	42.07	ng	92
76) Benzidine	12.42	184	175663	36.65	ng	98
77) Pyrene	12.51	202	447785	38.89	ng	99
79) Butylbenzylphthalate	13.15	149	235964	48.45	ng #	79
80) Benzo(a)anthracene	13.70	228	366949	41.33	ng	100
81) 3,3'-Dichlorobenzidine	13.67	252	99305	33.72	ng #	96
82) Chrysene	13.74	228	353663m	41.70	ng	
83) Bis(2-ethylhexyl)phthalate	13.71	149	311622	48.24	ng #	97
84) Di-n-octyl phthalate	14.32	149	481815	45.20	ng	98
85) Indeno(1,2,3-cd)pyrene	16.27	276	268692	43.62	ng	99
87) Benzo(b)fluoranthene	14.70	252	314505m	38.55	ng	
88) Benzo(k)fluoranthene	14.72	252	287046m	49.20	ng	
89) Benzo(a)pyrene	15.01	252	291413	46.01	ng #	95
90) Dibenzo(a,h)anthracene	16.29	278	226584	45.31	ng #	95
91) Benzo(g,h,i)perylene	16.64	276	219871	43.60	ng	99

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



#1

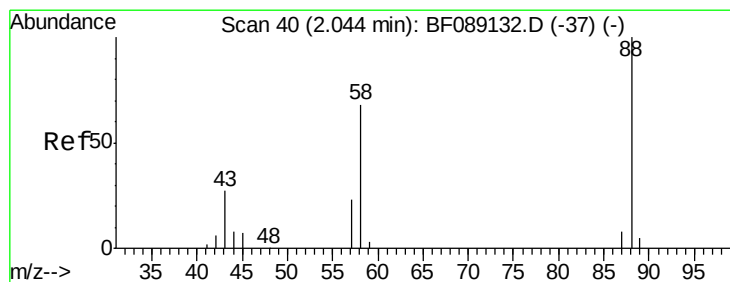
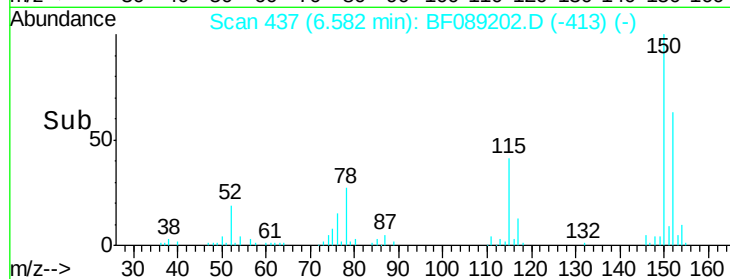
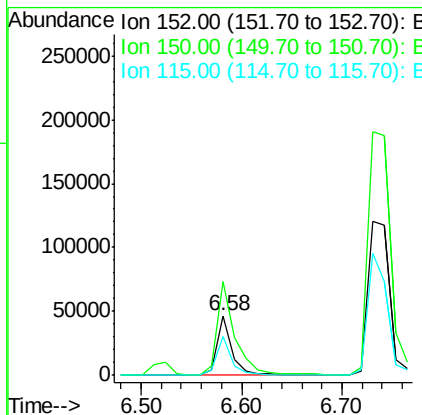
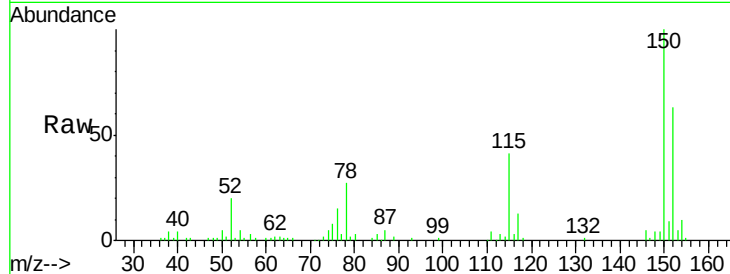
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampled :
PB92323BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.1	187.7
115	65.0	51.1	76.7

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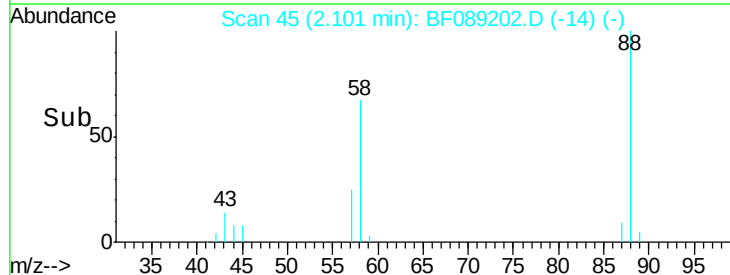
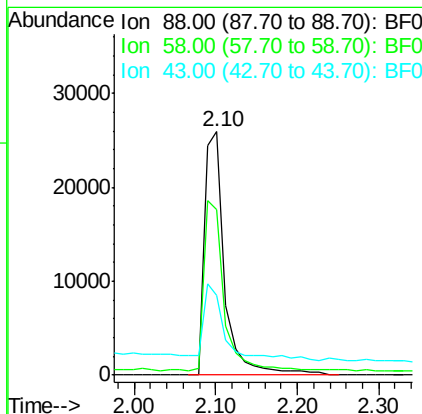
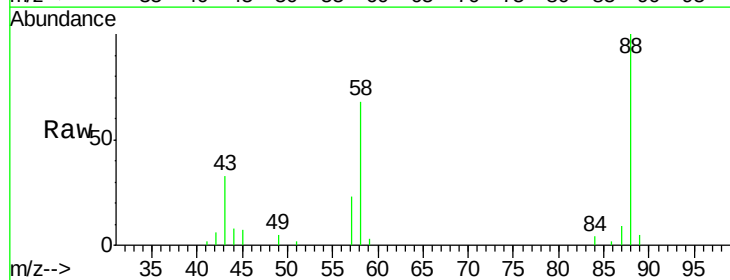
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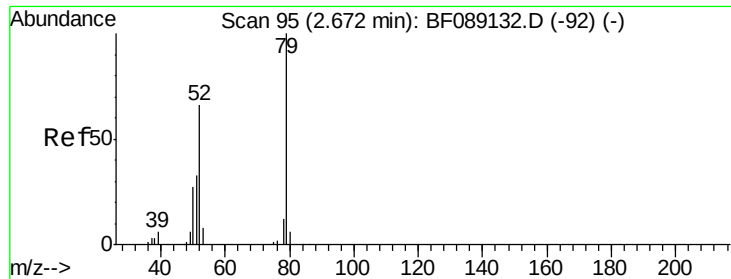


#2

1,4-Dioxane
Concen: 32.32 ng
RT: 2.10 min Scan# 45
Delta R.T. 0.06 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	49.2	73.8
43	32.3	20.6	30.8





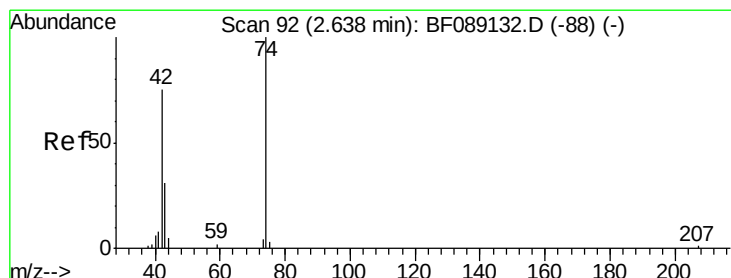
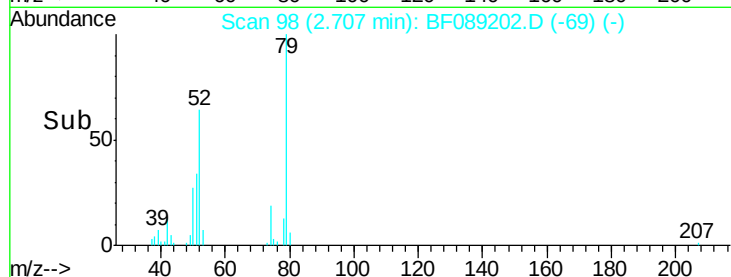
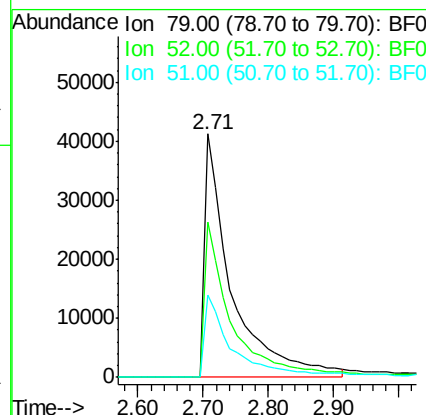
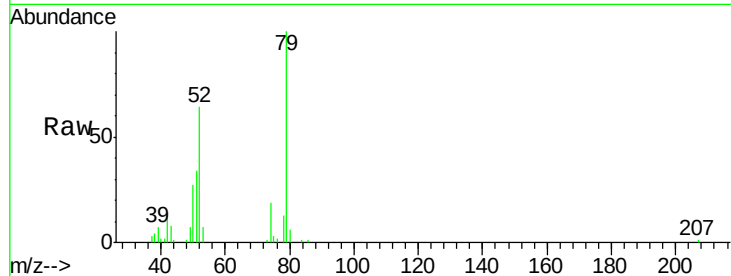
#3
 Pyridine
 Concen: 33.04 ng
 RT: 2.71 min Scan# 98
 Delta R.T. 0.03 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampled :
 PB92323BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	63.9	52.9	79.3
51	33.8	27.0	40.6

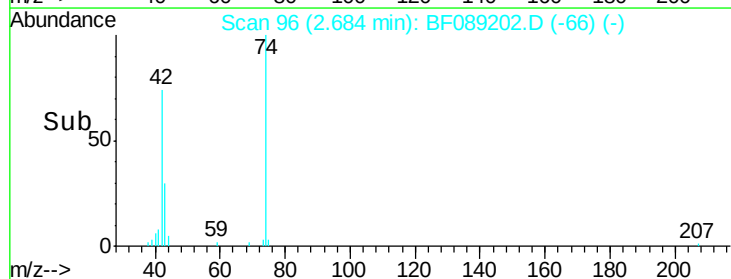
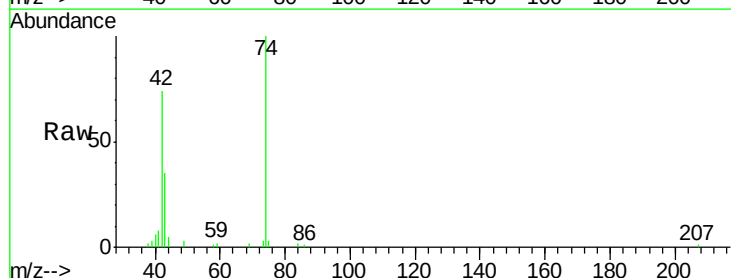
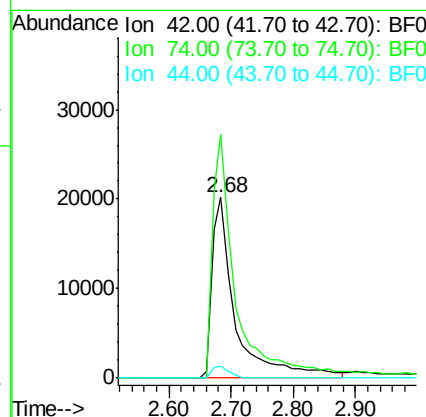
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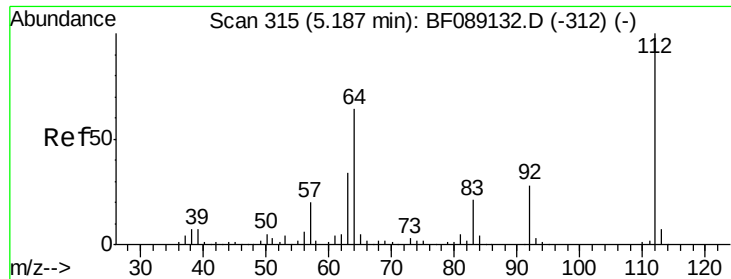
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#4
 n-Nitrosodimethylamine
 Concen: 34.79 ng
 RT: 2.68 min Scan# 96
 Delta R.T. 0.05 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.0	106.4	159.6
44	6.4	5.2	7.8





#5

2-Fluorophenol

Concen: 129.29 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

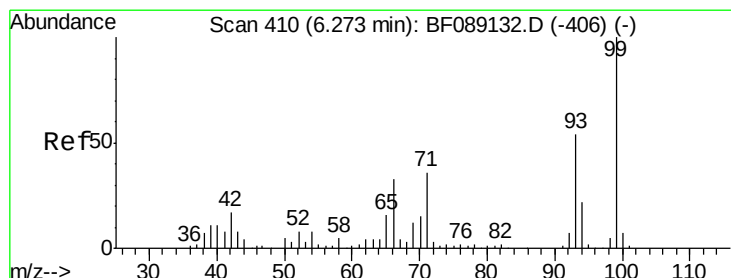
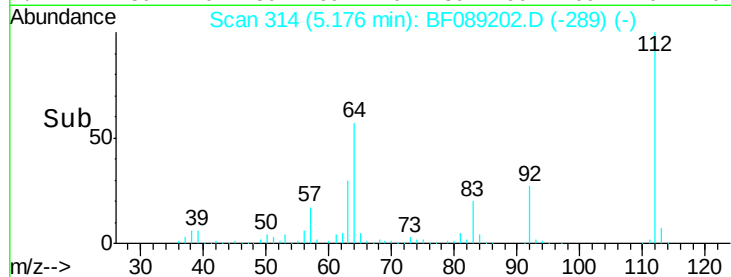
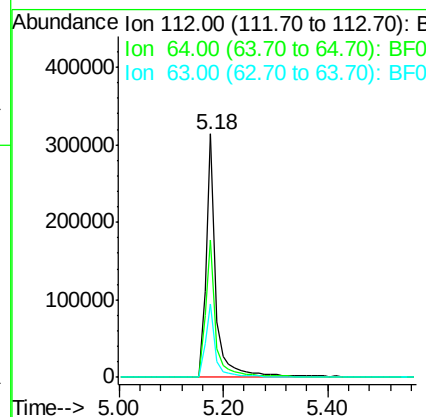
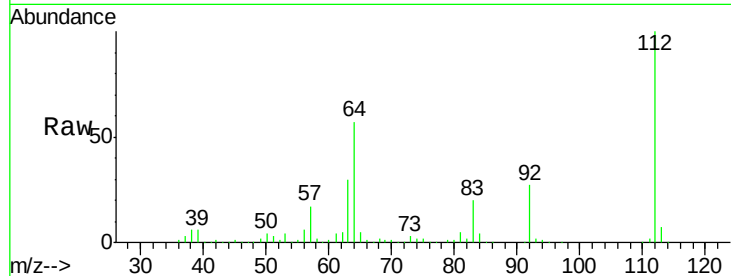
ClientSampleId :

PB92323BS

Tgt Ion:	112	Resp:	419071
Ion Ratio	Lower	Upper	
112	100		
64	56.5	51.0	76.4
63	30.2	27.3	40.9

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#6

Aniline

Concen: 28.10 ng

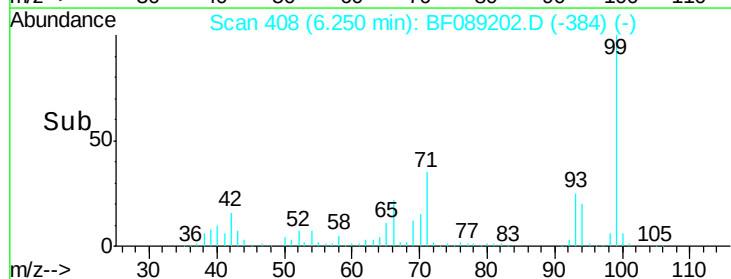
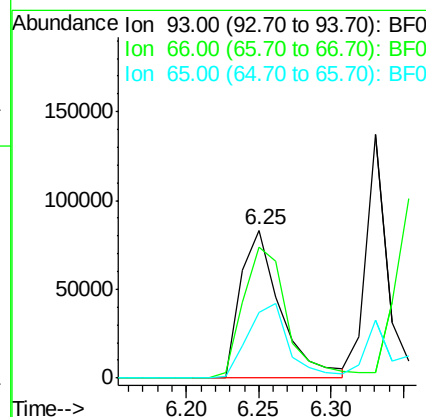
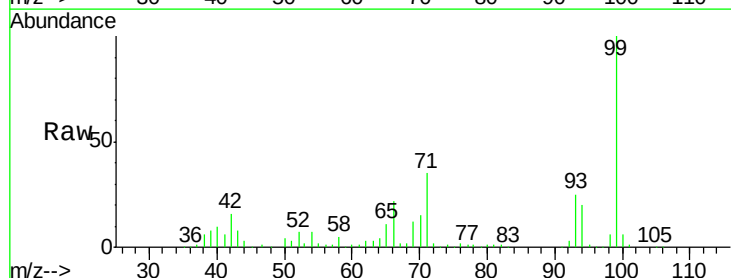
RT: 6.25 min Scan# 408

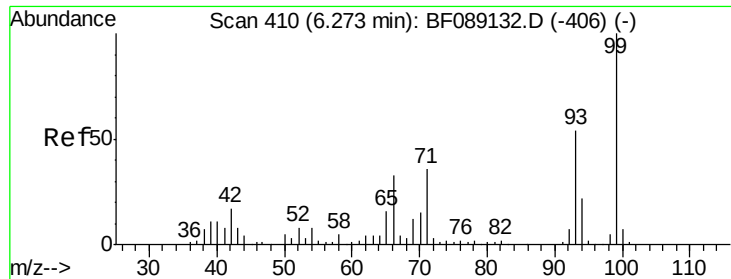
Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion:	93	Resp:	158688
Ion Ratio	Lower	Upper	
93	100		
66	88.7	48.9	73.3#
65	44.6	23.9	35.9#





#7

Phenol-d6

Concen: 127.11 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

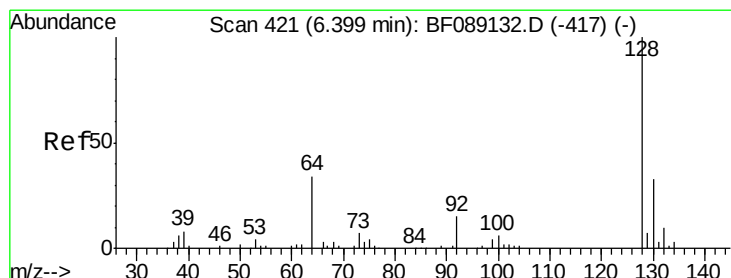
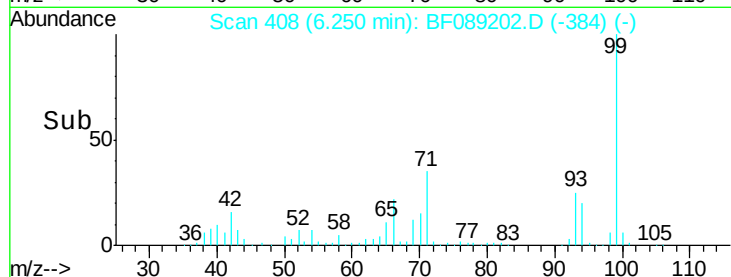
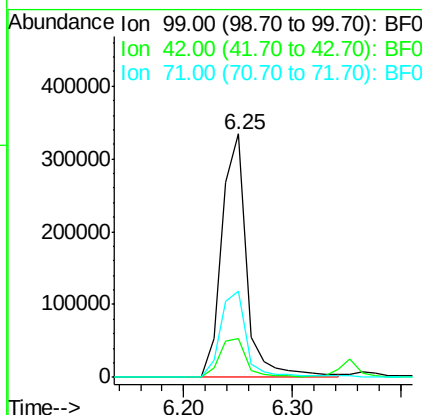
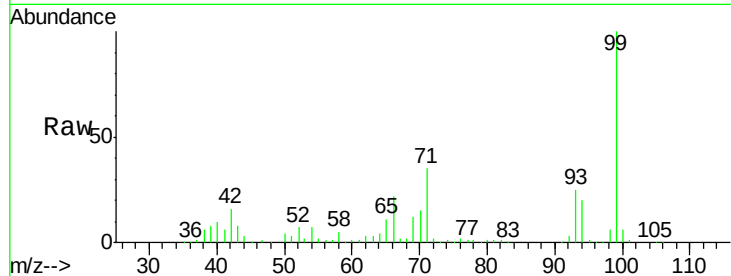
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Tgt Ion:	99	Resp:	531305
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	35.4	28.9	43.3

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#8

2-Chlorophenol

Concen: 41.53 ng

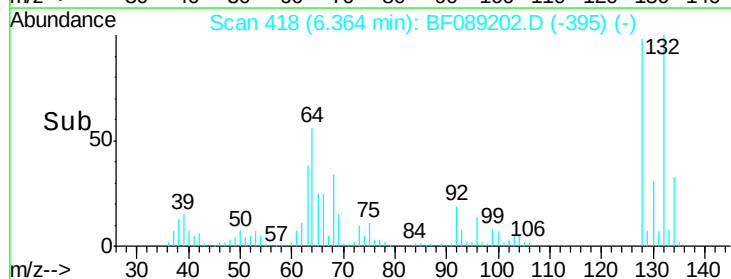
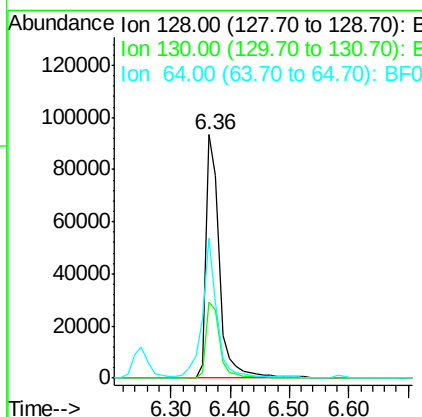
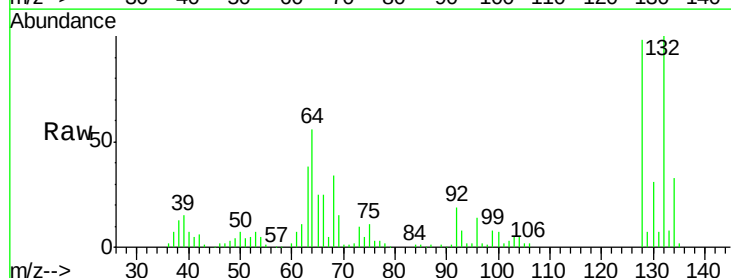
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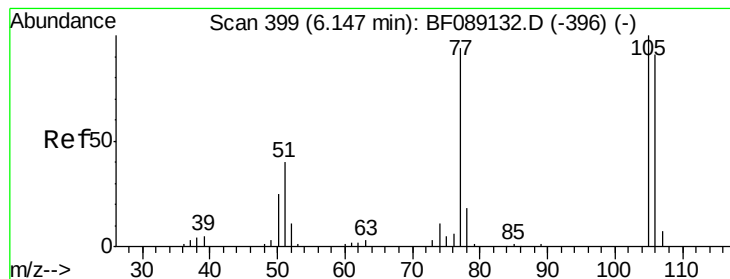
Delta R.T. -0.03 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion:	128	Resp:	149377
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.6	52.6
64	57.7	17.5	57.5#





#9

Benzaldehyde

Concen: 19.90 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

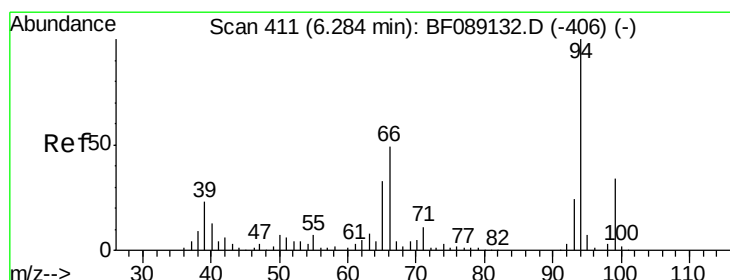
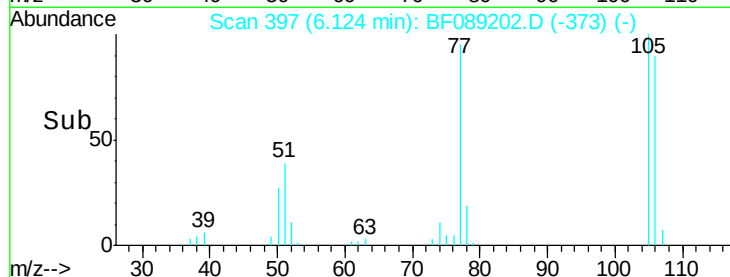
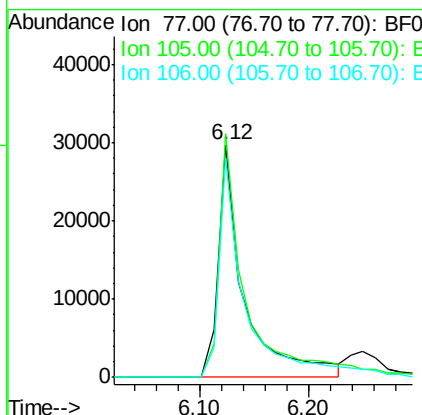
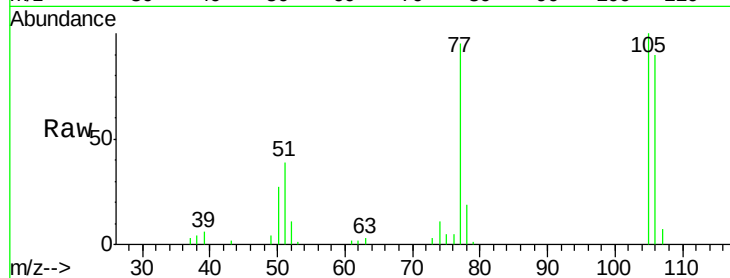
ClientSampleId :

PB92323BS

Tgt Ion:	77	Resp:	49652
Ion	Ratio	Lower	Upper
77	100		
105	104.9	86.2	126.2
106	94.7	76.3	116.3

Manual Integrations
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#10

Phenol

Concen: 41.56 ng

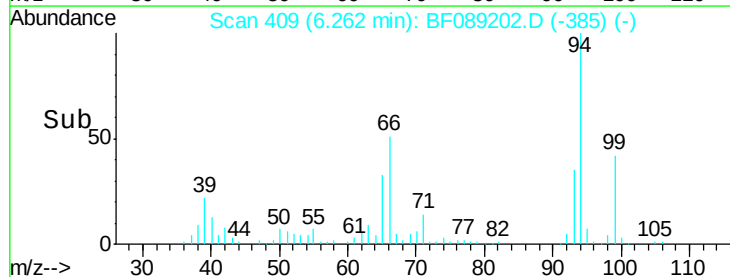
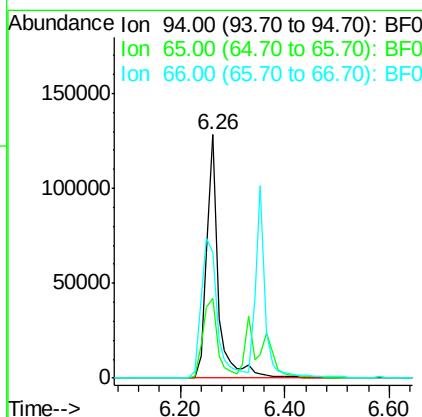
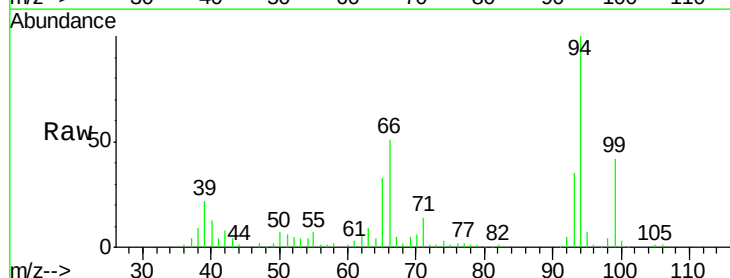
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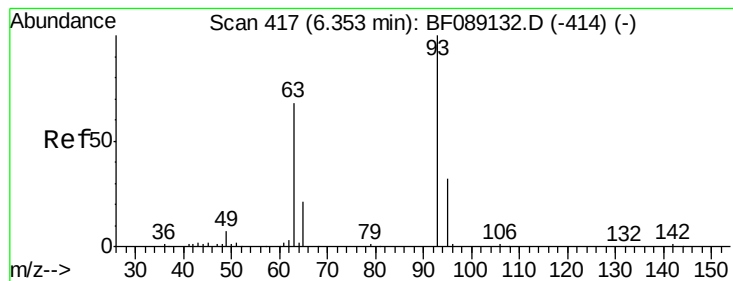
Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion:	94	Resp:	200149
Ion	Ratio	Lower	Upper
94	100		
65	32.7	13.3	53.3
66	51.4	29.3	69.3





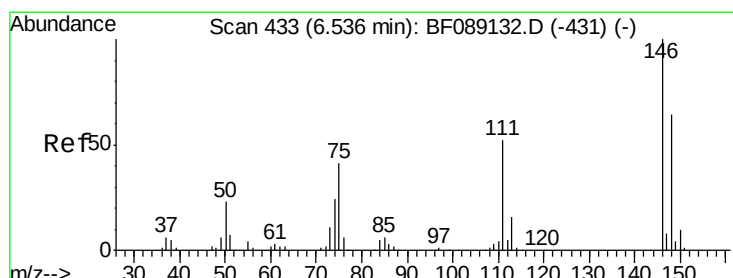
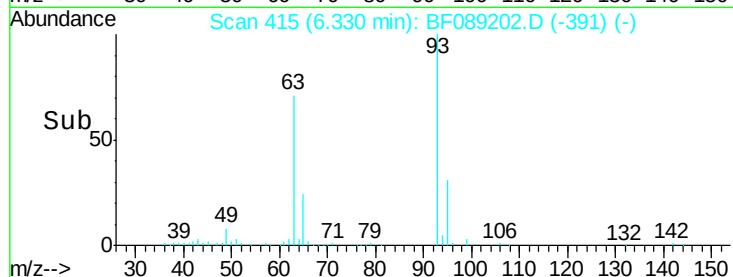
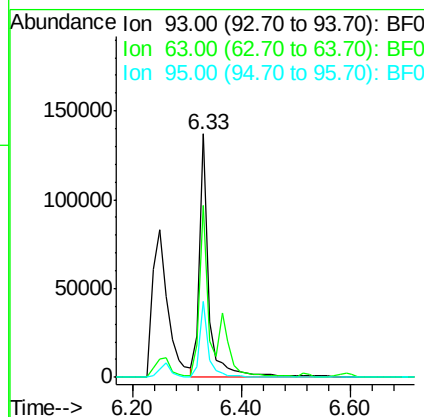
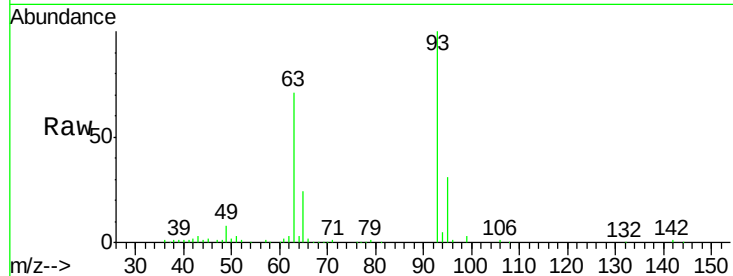
#11
bis(2-Chloroethyl)ether
Concen: 44.23 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	70.7	47.3	87.3
95	31.2	11.8	51.8

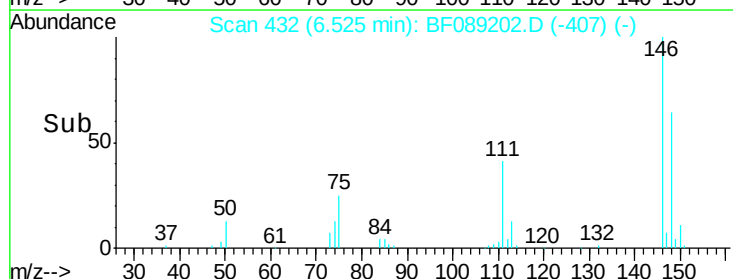
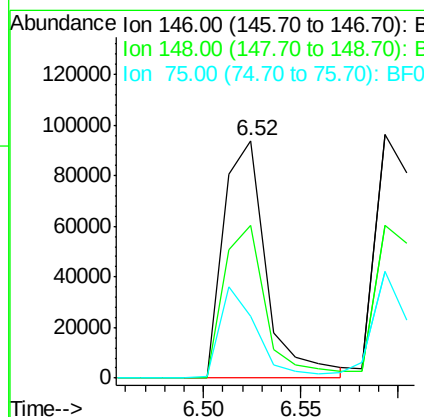
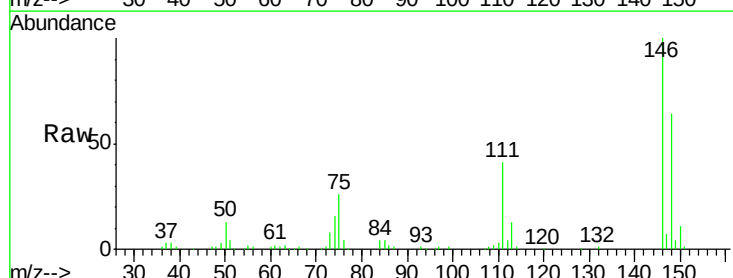
Manual Integrations
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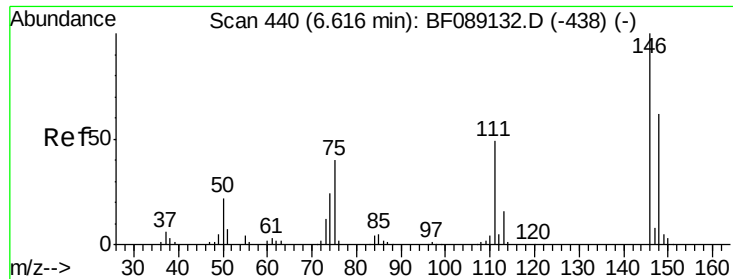
sohil
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#12
1,3-Dichlorobenzene
Concen: 36.37 ng m
RT: 6.52 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.4	51.0	76.6
75	26.2	32.5	48.7#





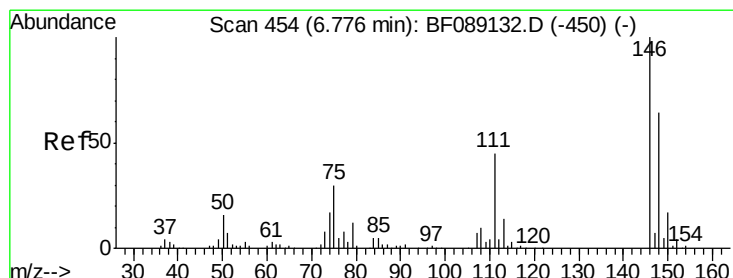
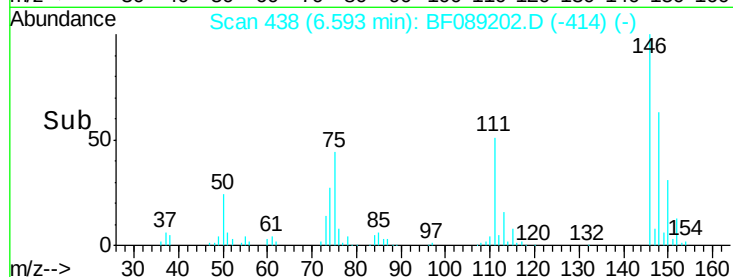
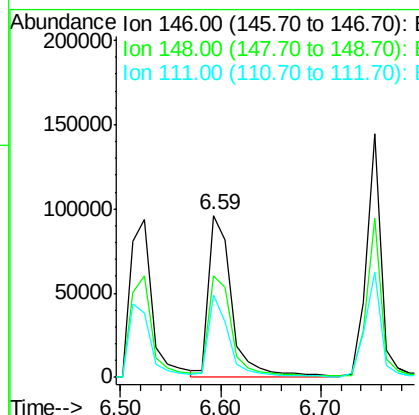
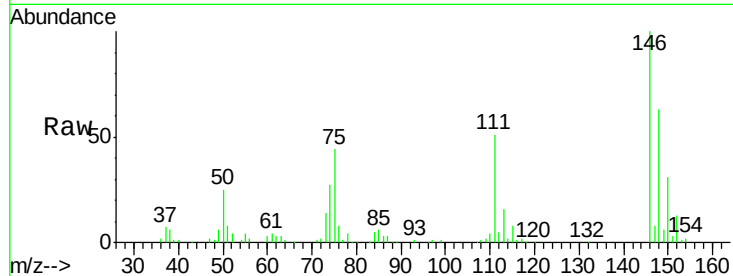
#13
 1,4-Dichlorobenzene
 Concen: 38.47 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampled :
 PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	153886		
148	62.6	49.9	74.9	
111	50.5	39.8	59.6	

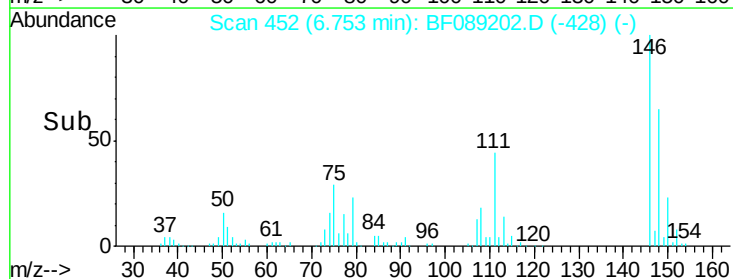
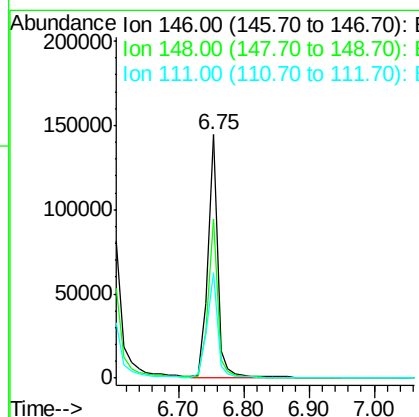
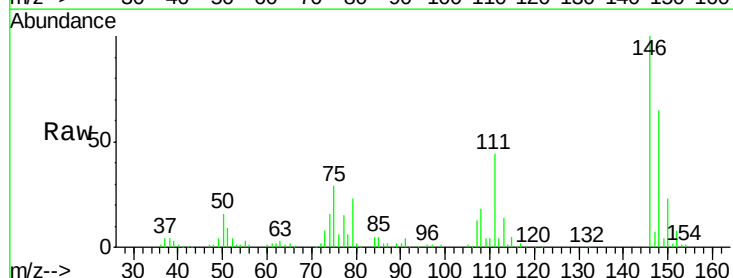
Manual Integrations
 APPROVED

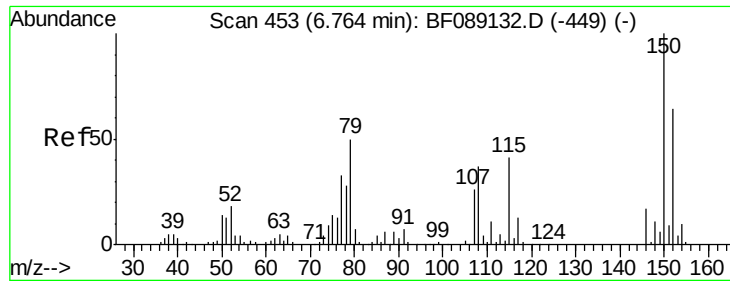
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#14
 1,2-Dichlorobenzene
 Concen: 40.81 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	153913		
148	65.4	51.4	77.0	
111	43.5	35.9	53.9	





#15

Benzyl Alcohol

Concen: 43.21 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampled :

PB92323BS

Tgt Ion: 79 Resp: 132269

Ion Ratio Lower Upper

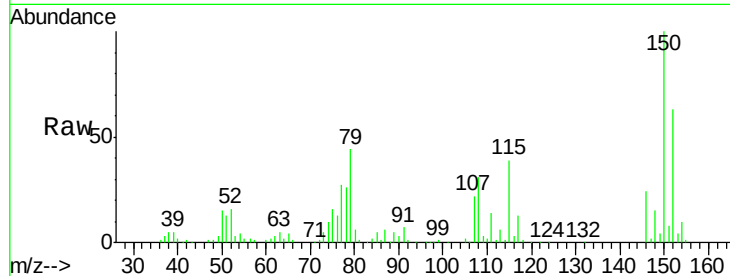
79 100

108 70.9 58.2 87.4

77 62.8 52.2 78.4

Manual Integrations
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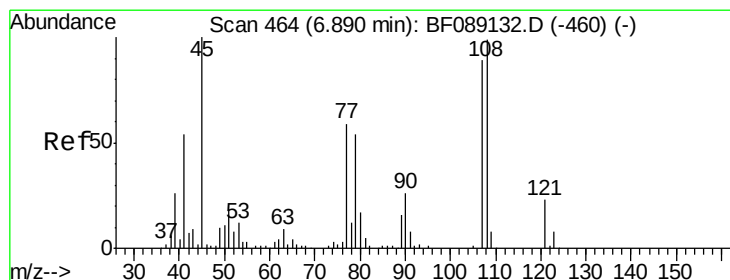
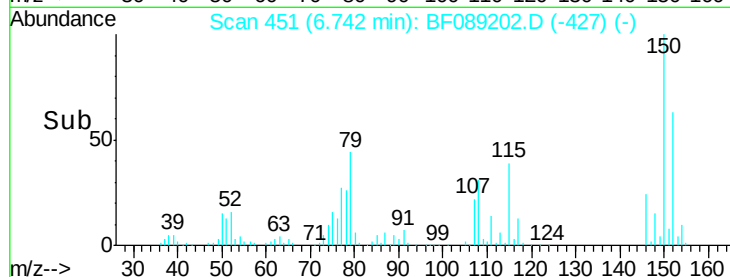
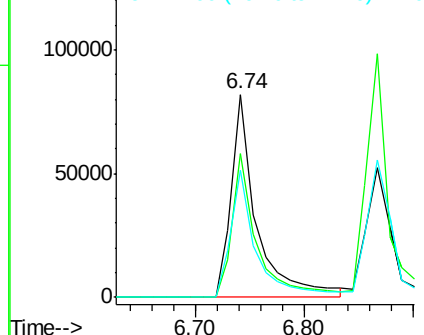
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.00 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

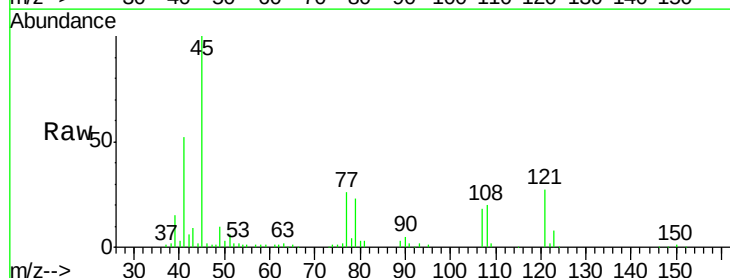
Tgt Ion: 45 Resp: 168933

Ion Ratio Lower Upper

45 100

77 26.3 39.7 79.7#

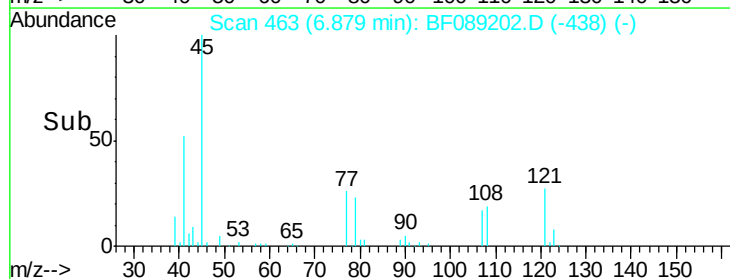
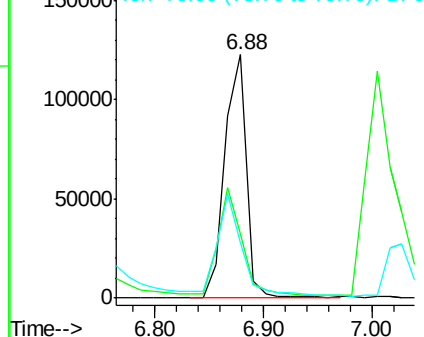
79 22.8 34.7 74.7#

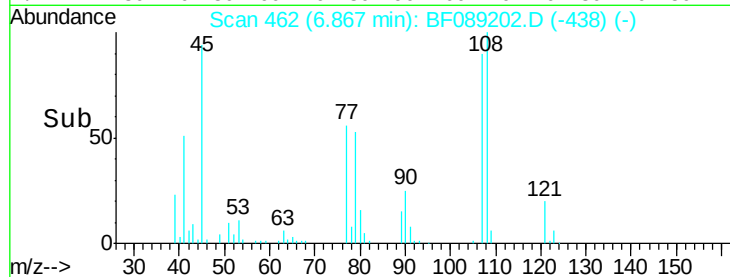
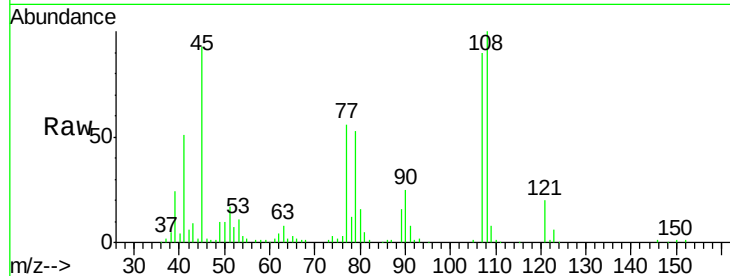
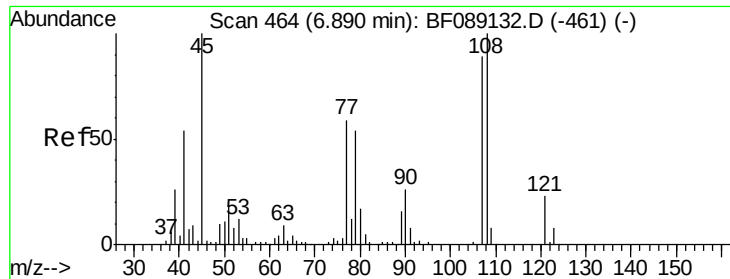


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.36 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	120009		
108	111.2	89.4	134.2	
77	62.8	53.4	80.0	
79	59.3	49.0	73.4	

Instrument :

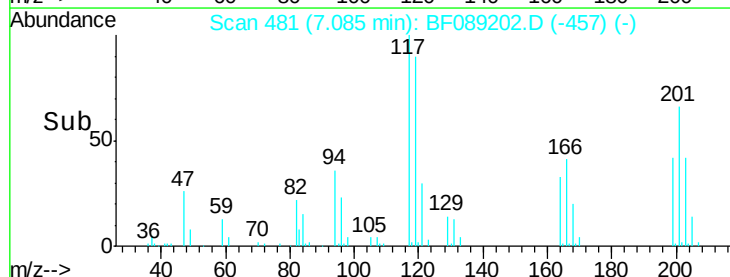
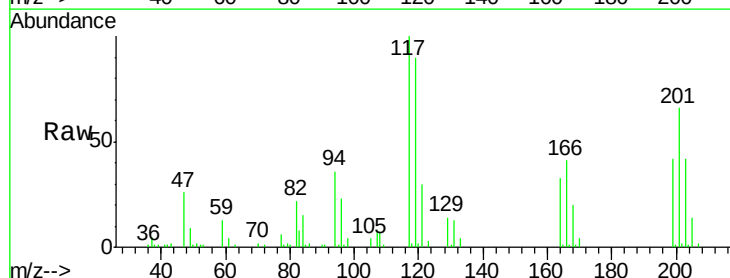
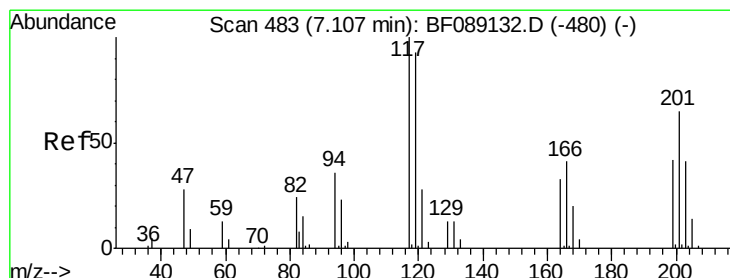
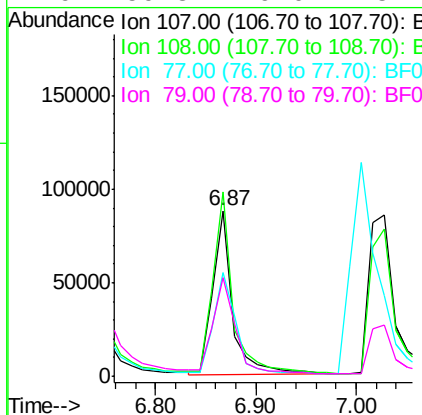
BNA_F

ClientSampled :

PB92323BS

Manual Integrations
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#18

Hexachloroethane

Concen: 39.87 ng

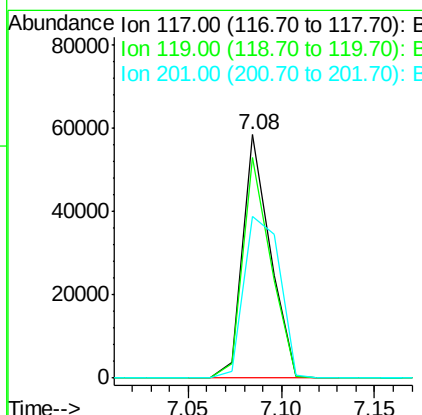
RT: 7.08 min Scan# 481

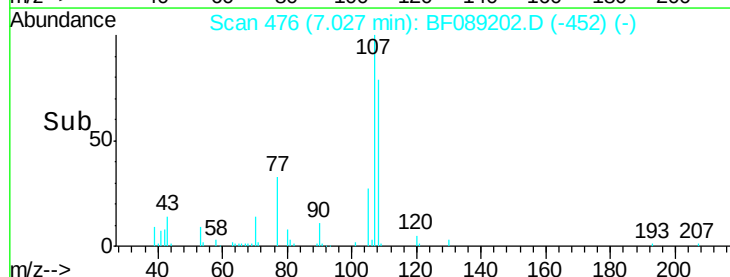
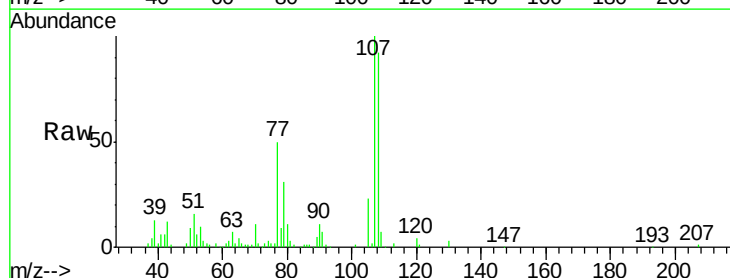
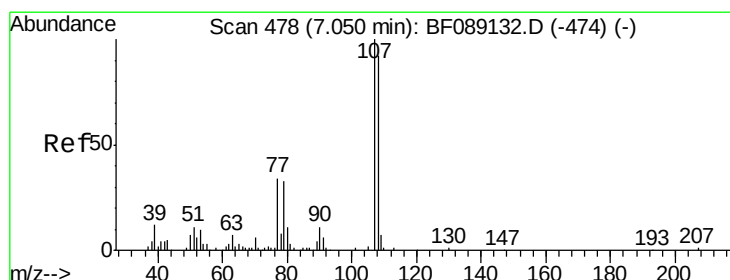
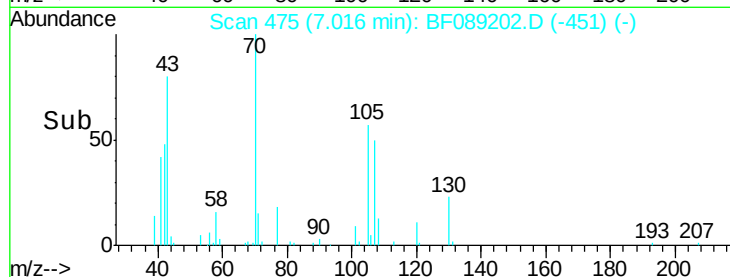
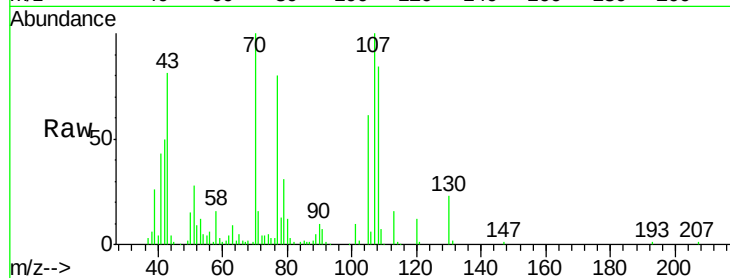
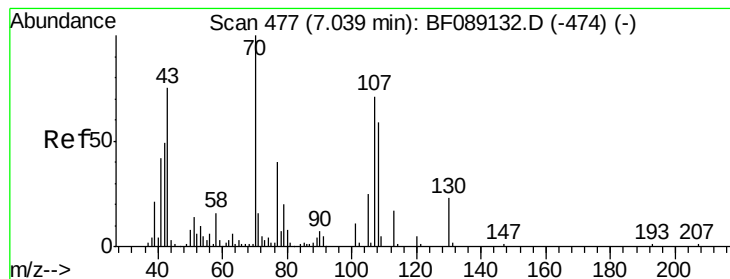
Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59941		
119	90.4	74.5	111.7	
201	66.3	51.8	77.6	





#19

n-Nitroso-di-n-propylamine

Concen: 41.91 ng

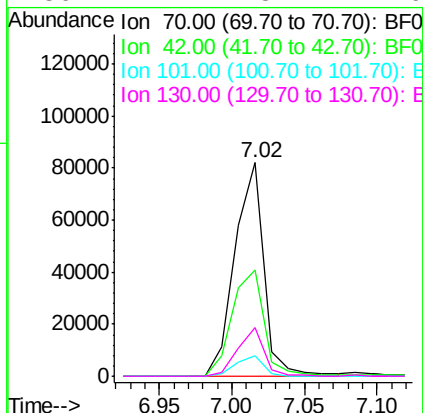
RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.6	39.2	58.8
101	9.9	8.5	12.7
130	22.7	18.4	27.6



Instrument :

BNA_F

ClientSampleId :

PB92323BS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 41.21 ng

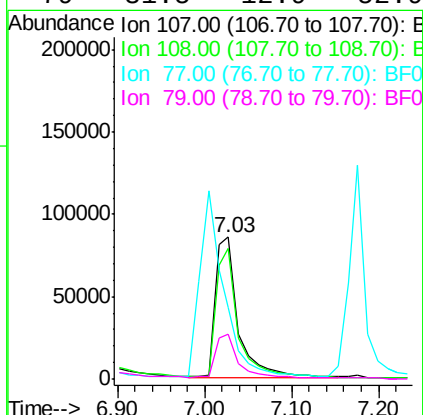
RT: 7.03 min Scan# 476

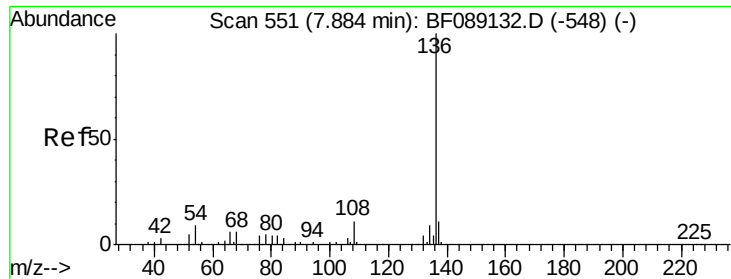
Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	72.5	112.5
77	50.3	17.7	57.7
79	31.5	12.9	52.9





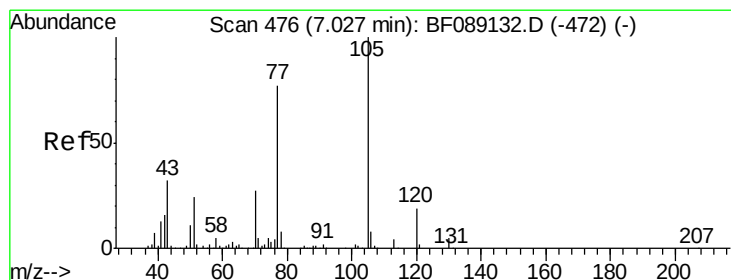
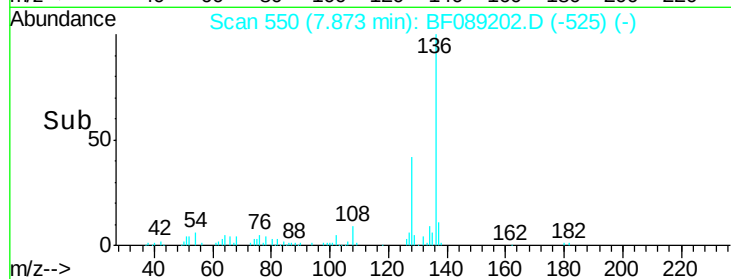
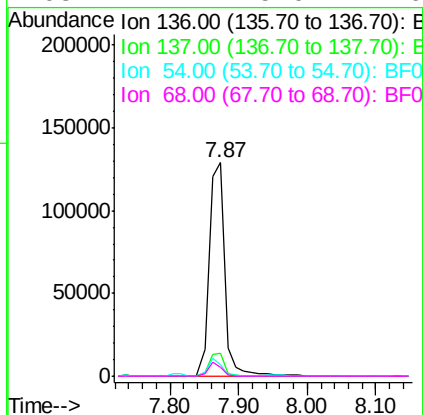
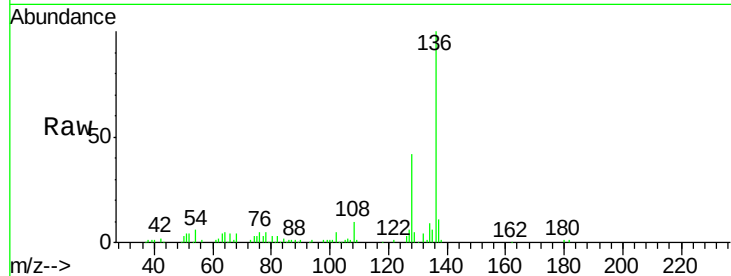
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	205810		
137	10.6	8.8	13.2	
54	5.6	7.0	10.4	
68	4.4	5.0	7.6	

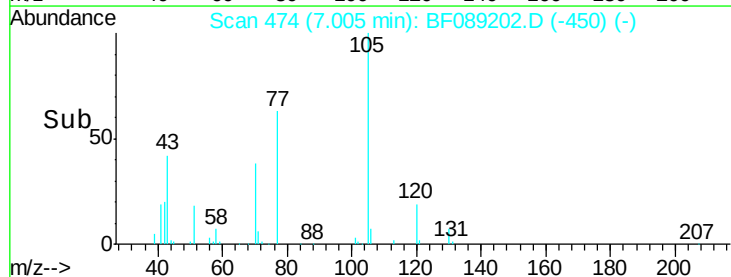
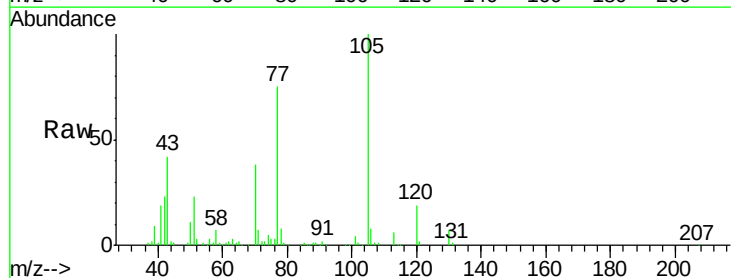
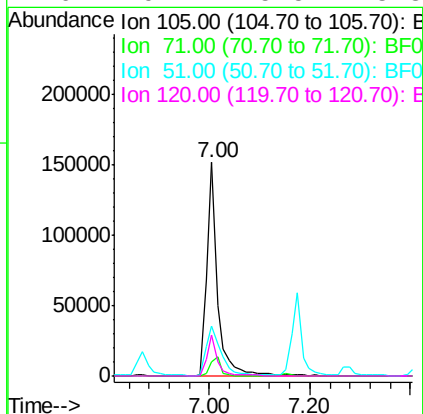
Manual Integrations
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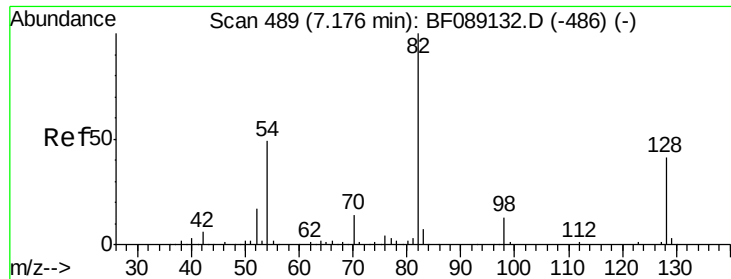
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#22
Acetophenone
Concen: 41.05 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225631		
71	6.5	3.8	5.6	
51	23.4	19.6	29.4	
120	19.2	15.5	23.3	





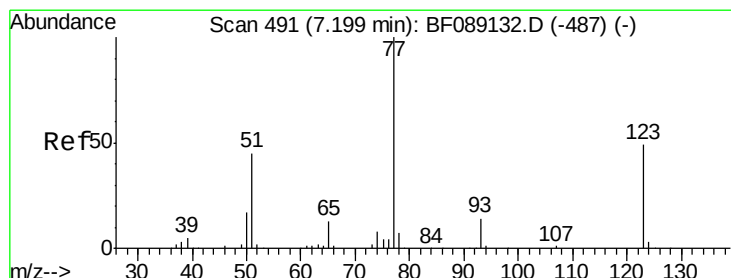
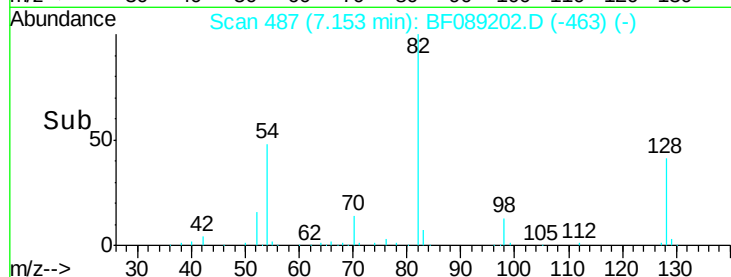
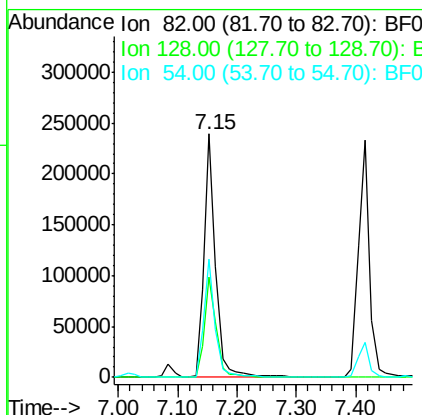
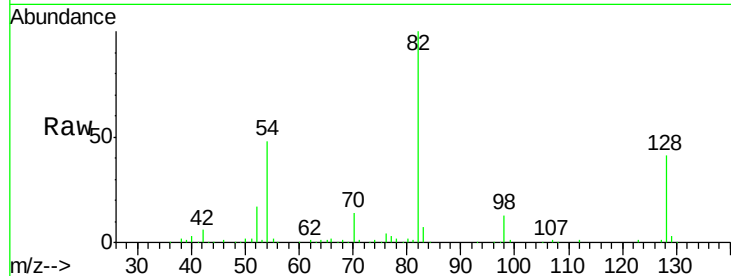
#23
 Nitrobenzene-d5
 Concen: 86.24 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	334042		
128	41.3	33.0	49.6	
54	48.4	39.0	58.4	

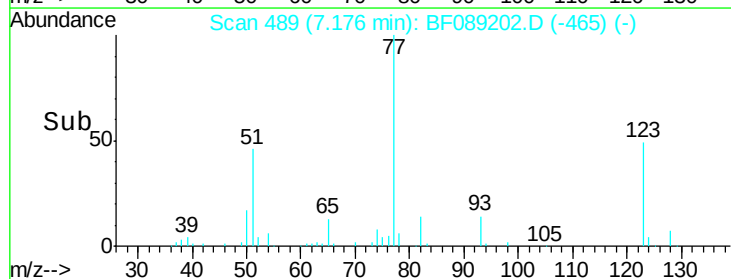
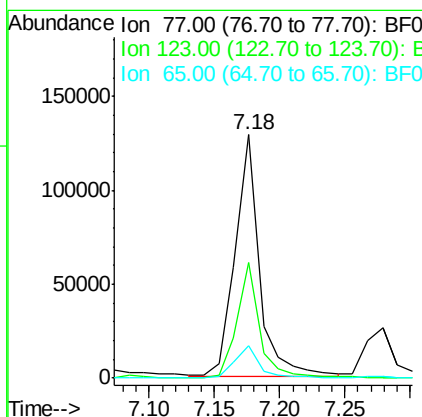
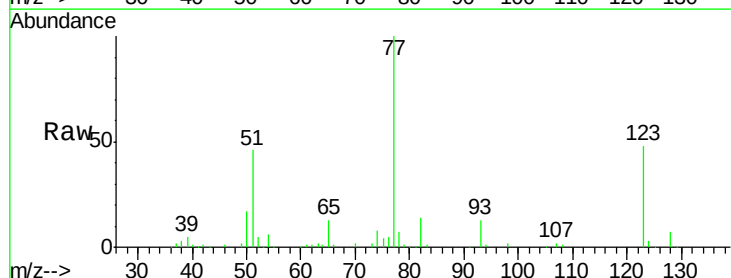
Manual Integrations
 APPROVED

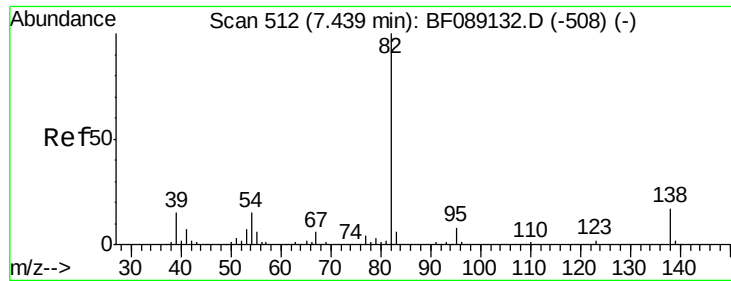
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#24
 Nitrobenzene
 Concen: 40.48 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	165374		
123	47.5	38.9	58.3	
65	13.1	10.6	15.8	





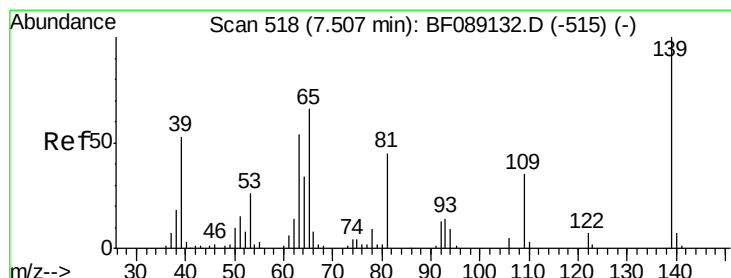
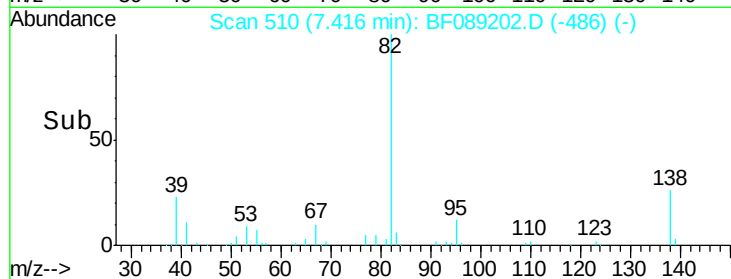
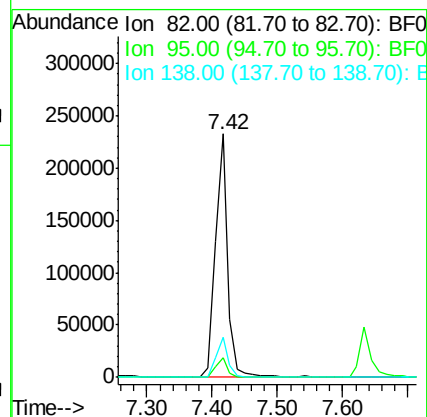
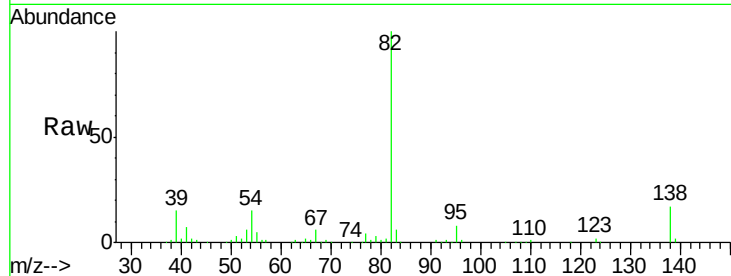
#25
Isophorone
Concen: 42.75 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	305176		
95	7.9	6.1	9.1	
138	16.5	13.6	20.4	

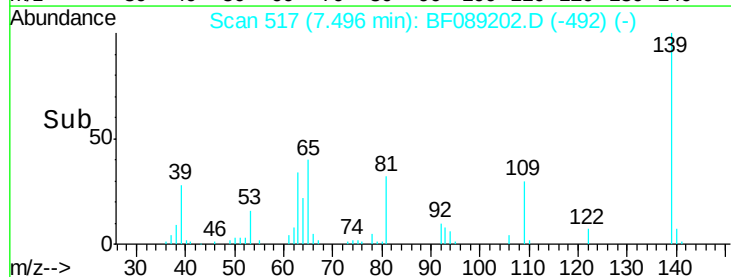
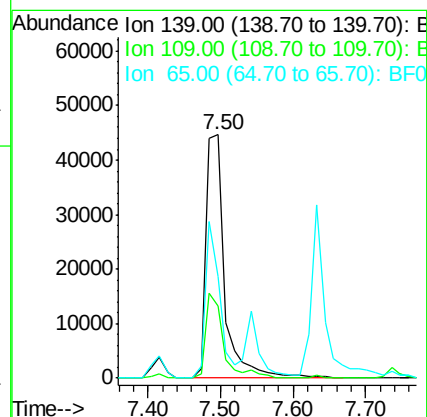
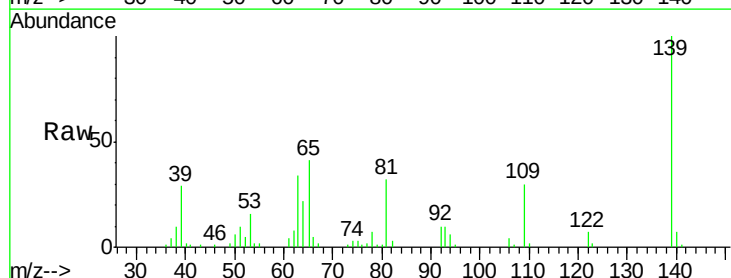
Manual Integrations
APPROVED

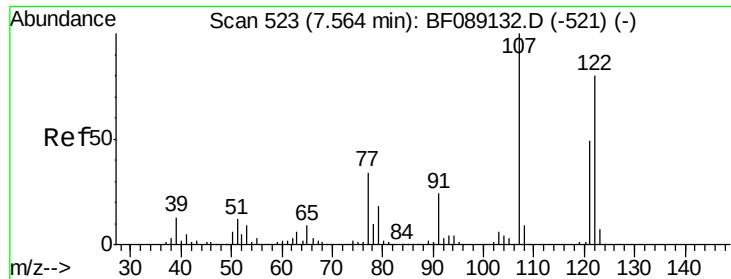
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#26
2-Nitrophenol
Concen: 41.83 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	79700		
109	29.8	28.1	42.1	
65	41.5	52.7	79.1	





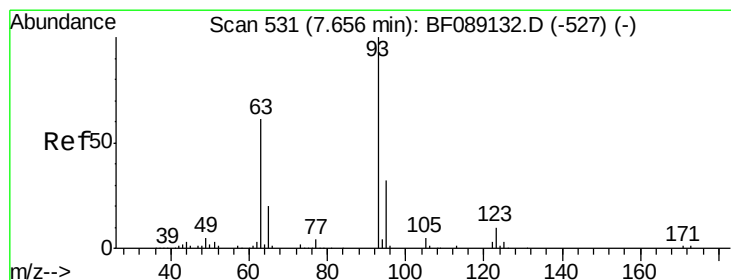
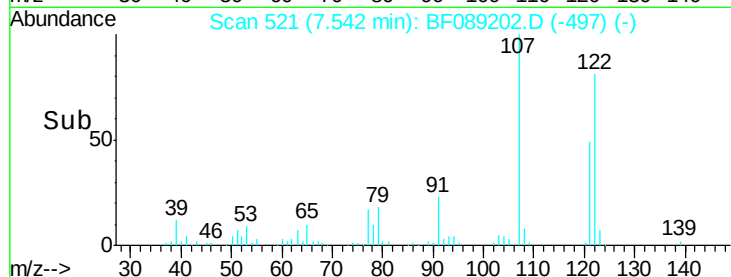
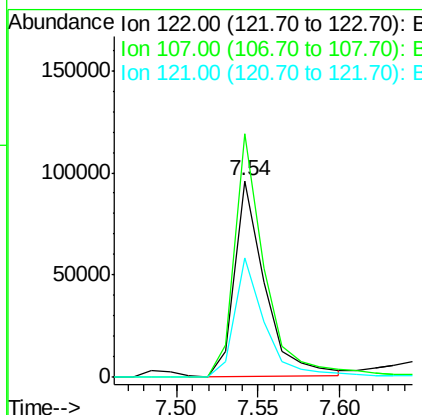
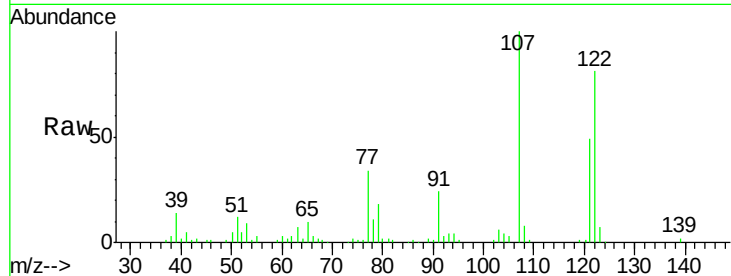
#27
2,4-Dimethylphenol
Concen: 38.33 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	123042		
107	123.9	99.7	149.5	
121	60.9	48.5	72.7	

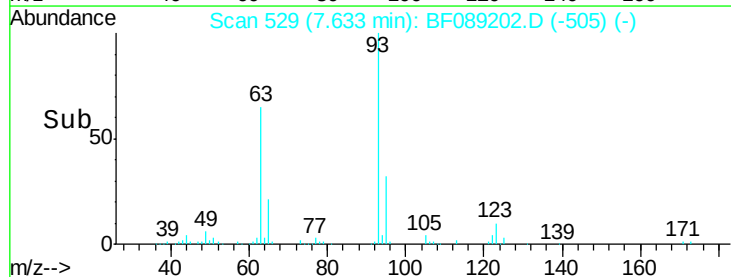
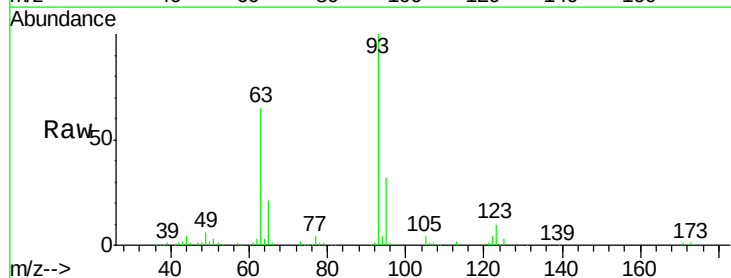
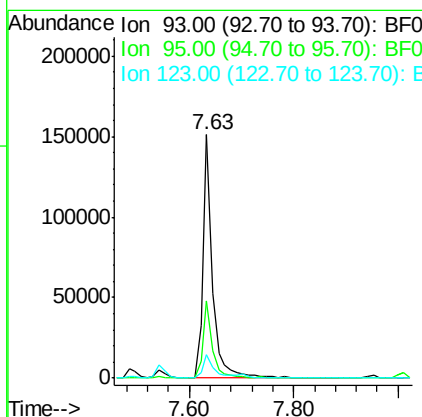
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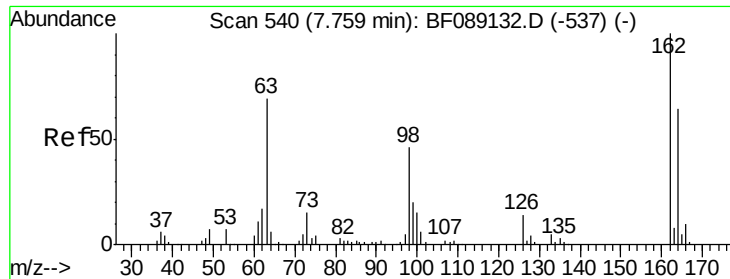
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#28
bis(2-Chloroethoxy)methane
Concen: 43.41 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	193855		
95	31.7	25.4	38.0	
123	9.8	8.3	12.5	





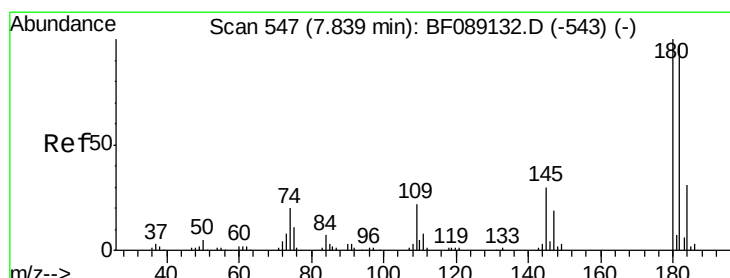
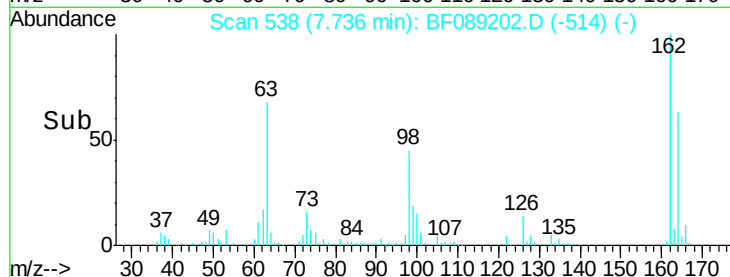
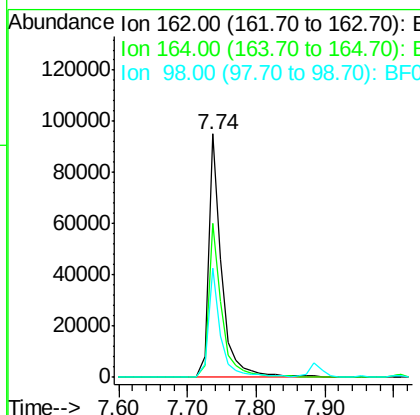
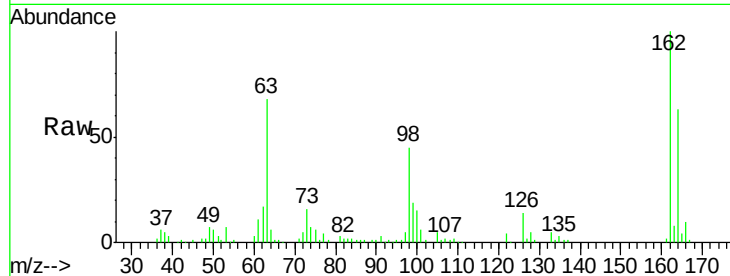
#29
 2,4-Dichlorophenol
 Concen: 43.54 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampled :
 PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	125976		
164	63.4	44.0	84.0	
98	44.6	26.0	66.0	

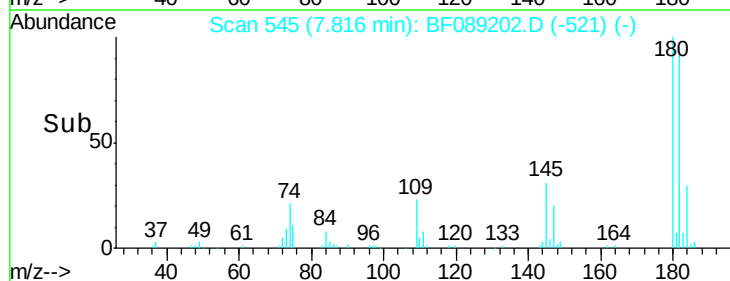
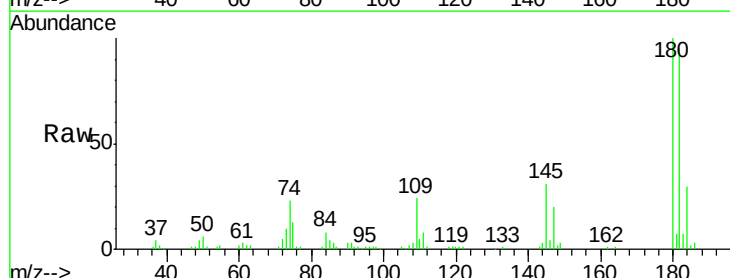
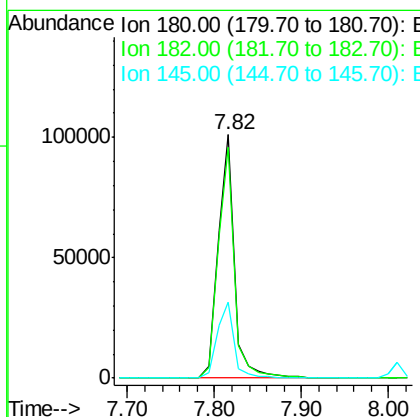
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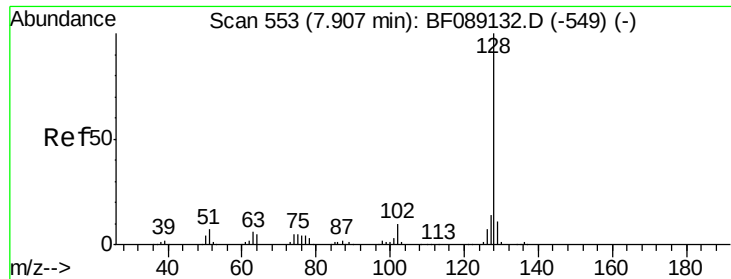
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.38 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	132508		
182	94.6	77.6	116.4	
145	31.0	24.0	36.0	





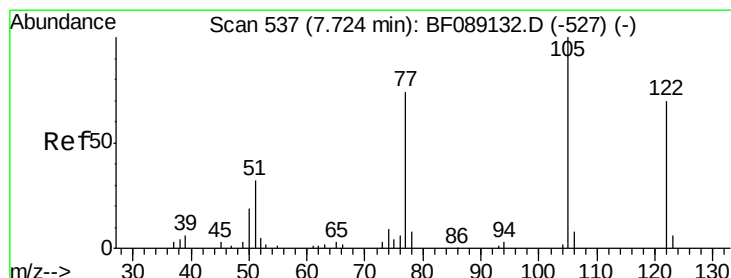
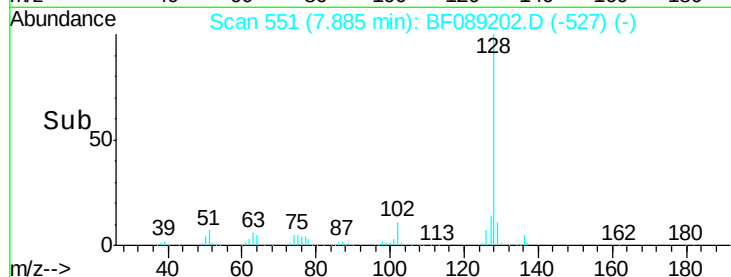
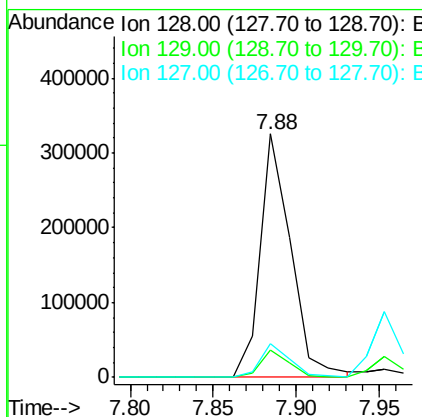
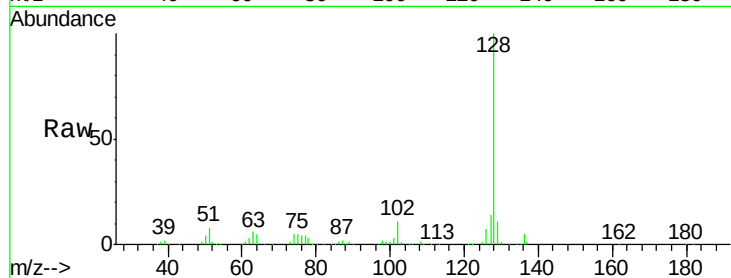
#31
Naphthalene
Concen: 37.87 ng m
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	420708		
129	11.2	8.9	13.3	
127	13.7	10.8	16.2	

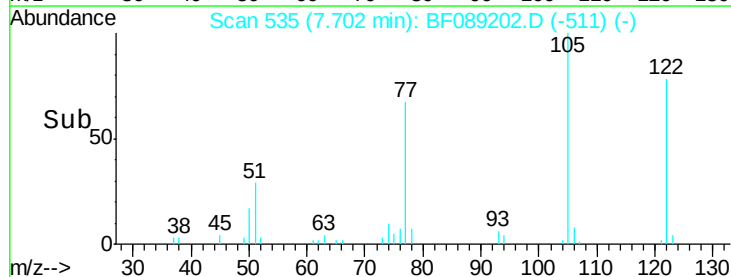
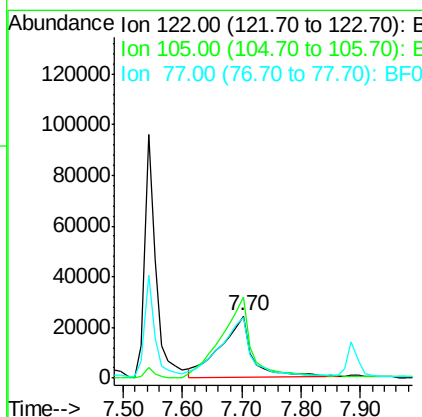
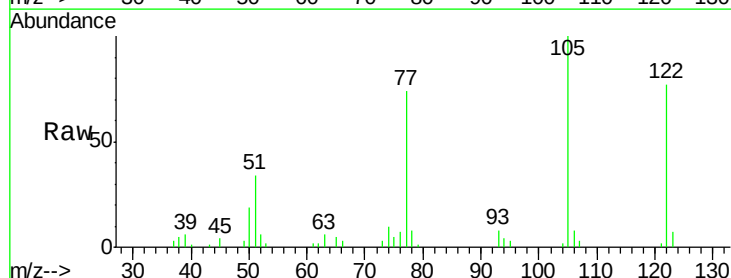
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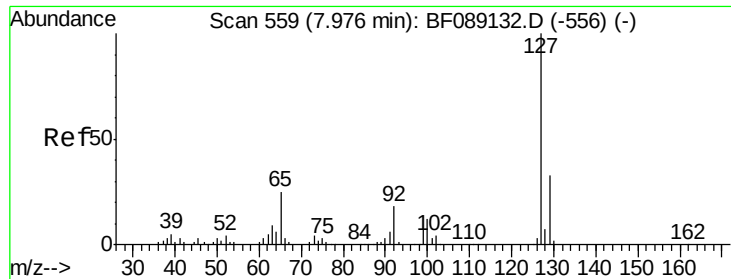
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#32
Benzoic acid
Concen: 35.36 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	87297		
105	130.2	119.0	159.0	
77	96.5	84.7	124.7	





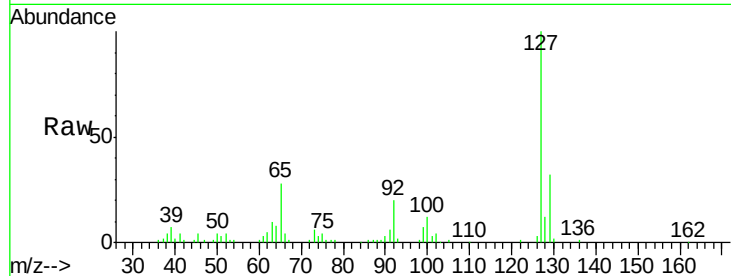
#33
4-Chloroaniline
Concen: 28.37 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampled :
PB92323BS

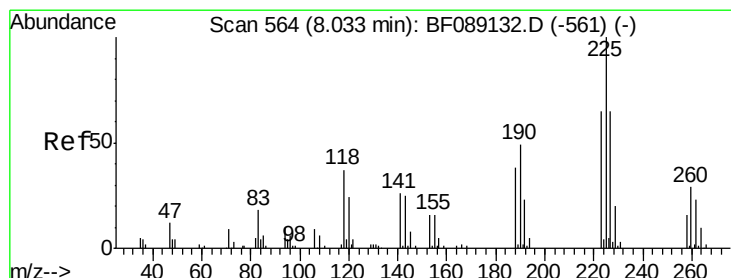
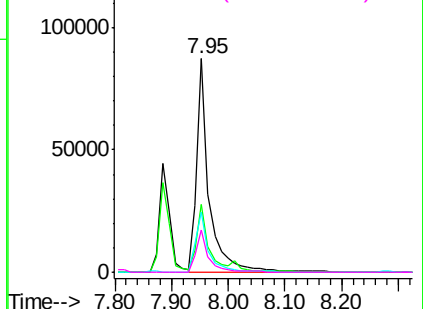
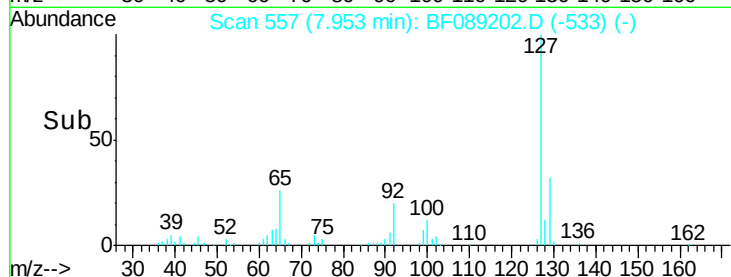
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	132512		
129	32.0	25.9	38.9	
65	28.1	19.7	29.5	
92	19.5	14.3	21.5	

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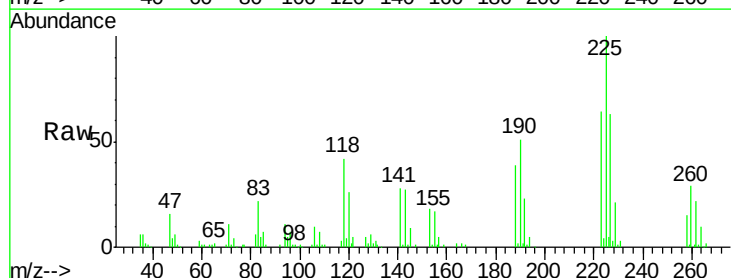


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

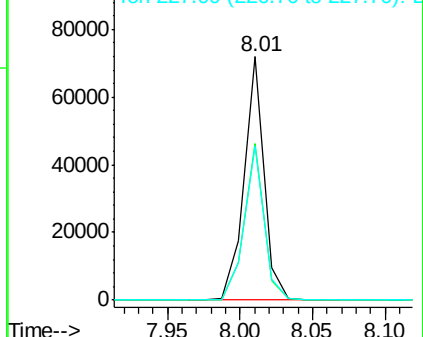
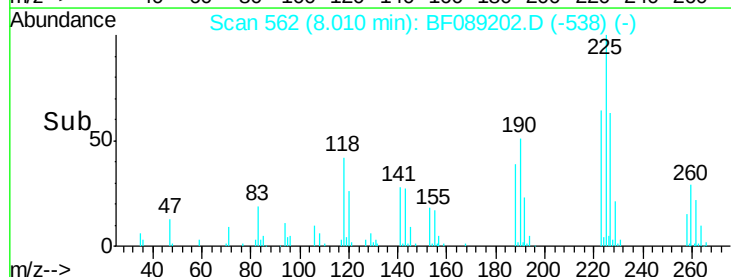


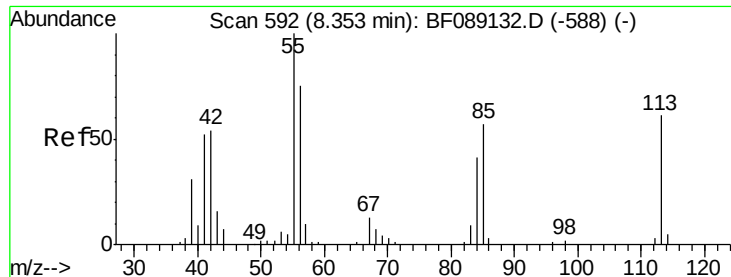
#34
Hexachlorobutadiene
Concen: 38.58 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68774		
223	64.1	51.6	77.4	
227	63.5	51.6	77.4	



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





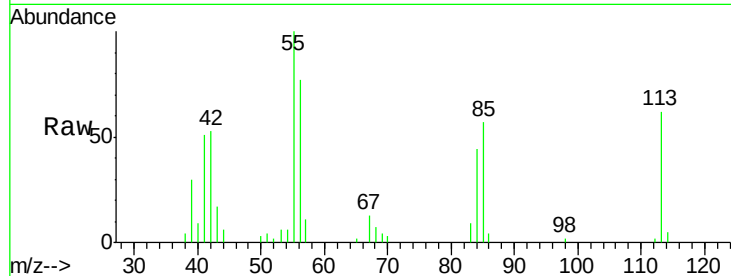
#35
 Caprolactam
 Concen: 40.70 ng m
 RT: 8.33 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

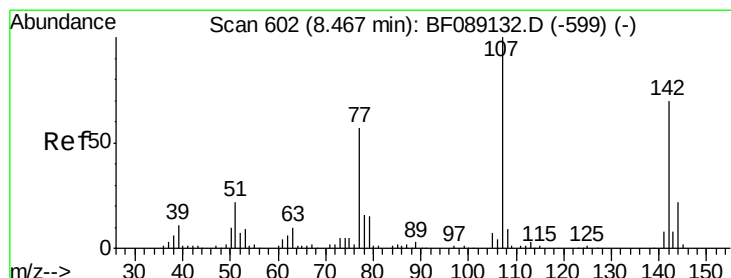
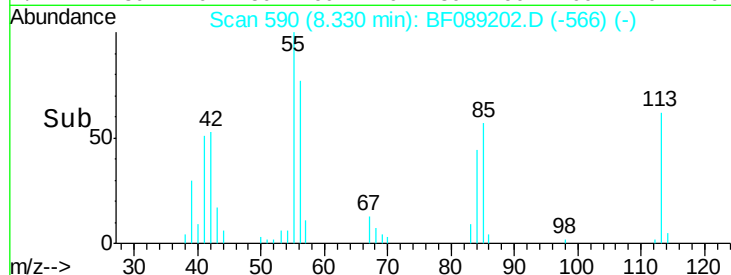
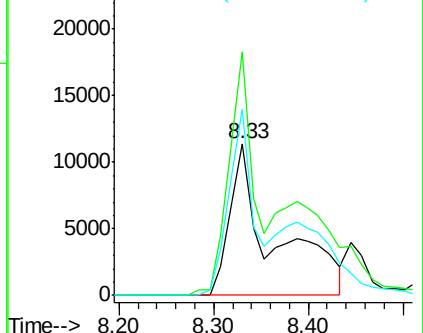
Tgt Ion:113 Resp: 36571
 Ion Ratio Lower Upper
 113 100
 55 160.5 145.3 185.3
 56 122.8 104.3 144.3

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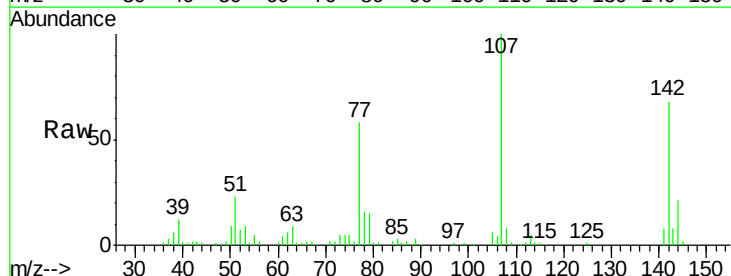


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

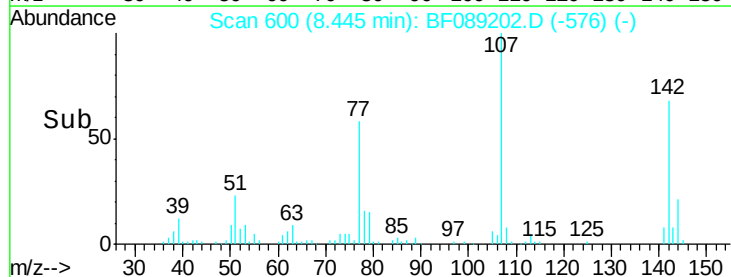
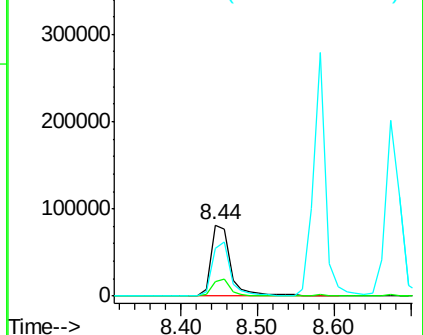


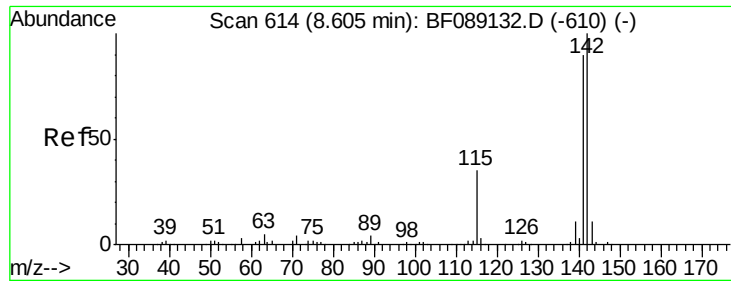
#36
 4-Chloro-3-methylphenol
 Concen: 41.56 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion:107 Resp: 144854
 Ion Ratio Lower Upper
 107 100
 144 21.3 17.8 26.6
 142 67.7 56.1 84.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.06 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

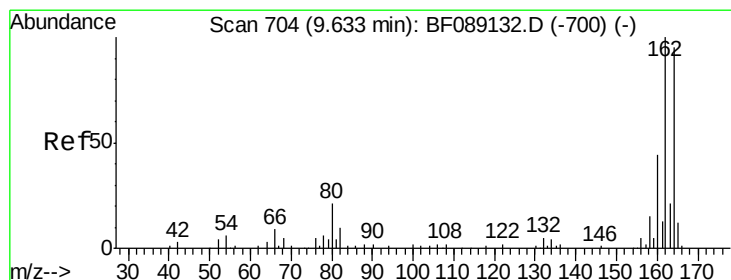
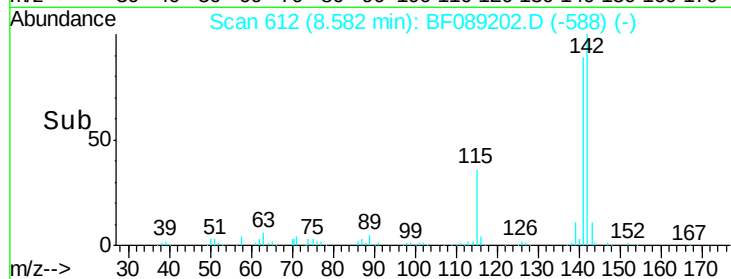
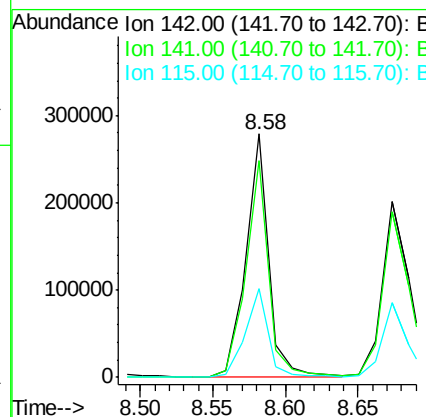
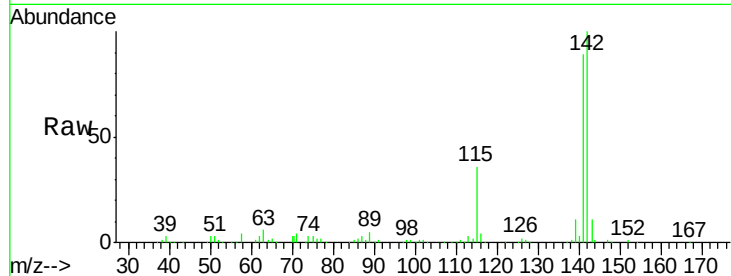
ClientSampleId :

PB92323BS

Tgt Ion:	142	Resp:	305035
Ion Ratio	Lower	Upper	
142	100		
141	88.9	71.6	107.4
115	36.2	27.6	41.4

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#38

Acenaphthene-d10

Concen: 20.00 ng

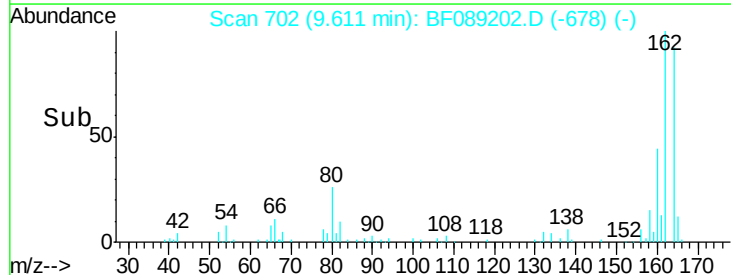
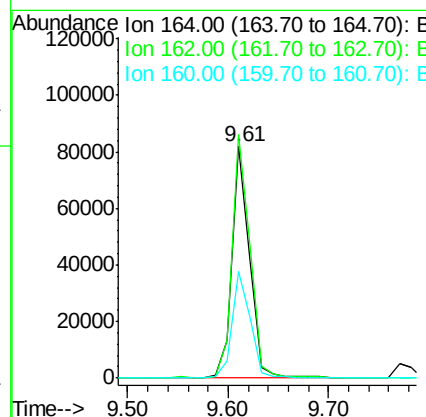
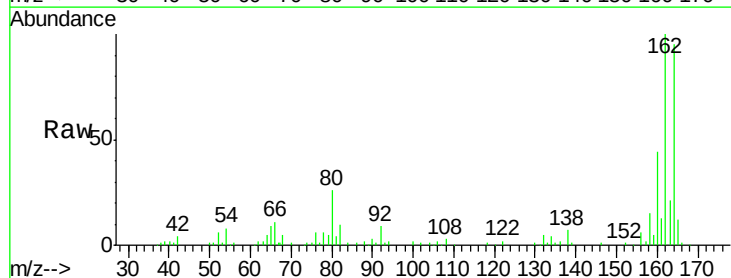
RT: 9.61 min Scan# 702

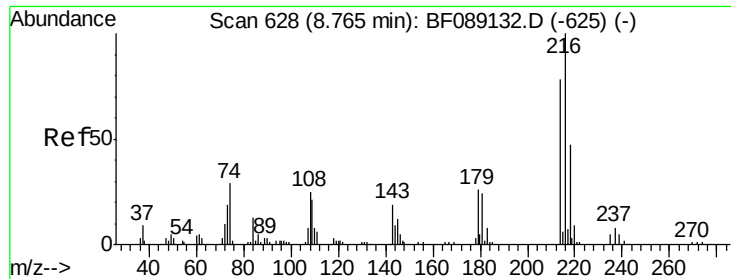
Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion:	164	Resp:	99577
Ion Ratio	Lower	Upper	
164	100		
162	105.0	84.1	126.1
160	46.1	37.1	55.7





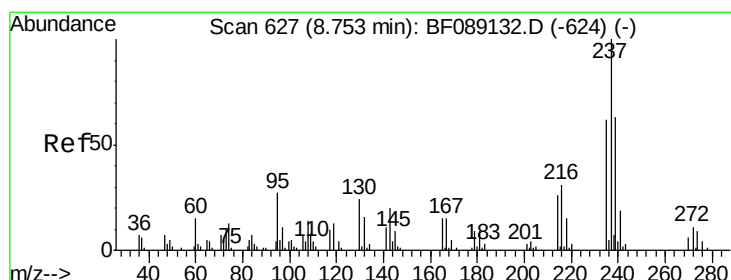
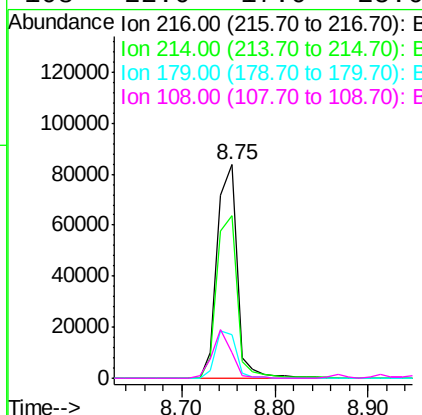
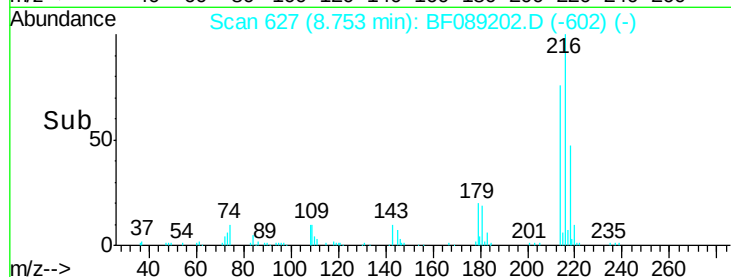
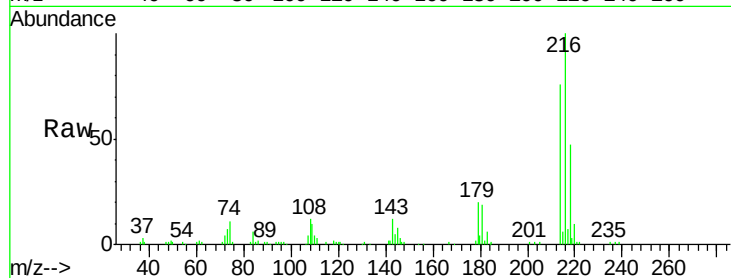
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.82 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		125154		
214	78.7	61.9	92.9		
179	22.7	18.4	27.6		
108	22.0	17.0	25.6		

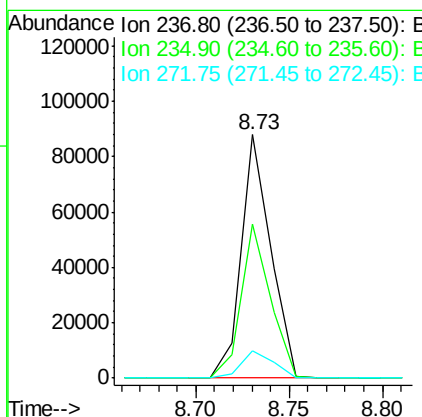
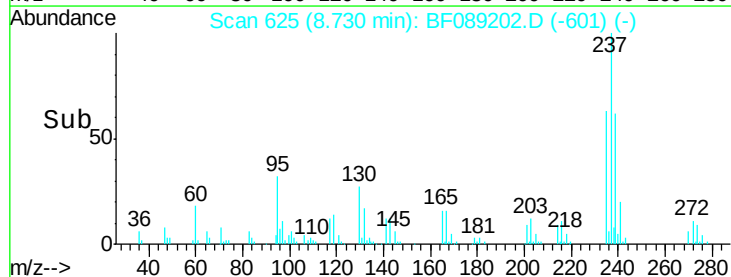
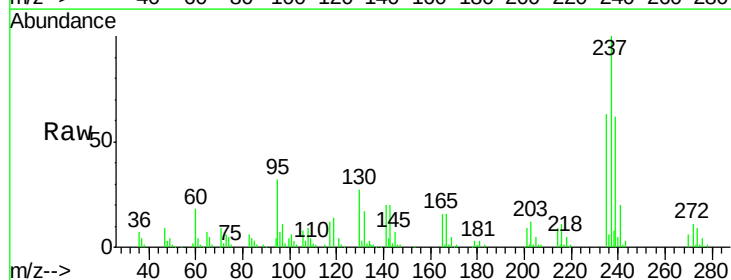
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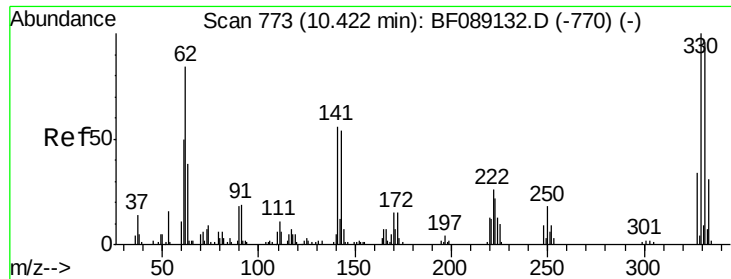
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#40
 Hexachlorocyclopentadiene
 Concen: 78.18 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		96605		
235	63.2	42.1	82.1		
272	11.3	0.0	31.4		





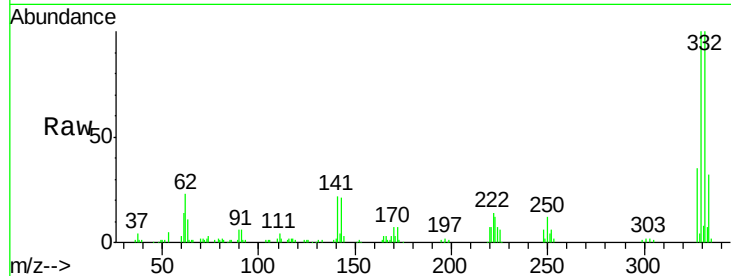
#41
 2,4,6-Tribromophenol
 Concen: 135.05 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampled :
 PB92323BS

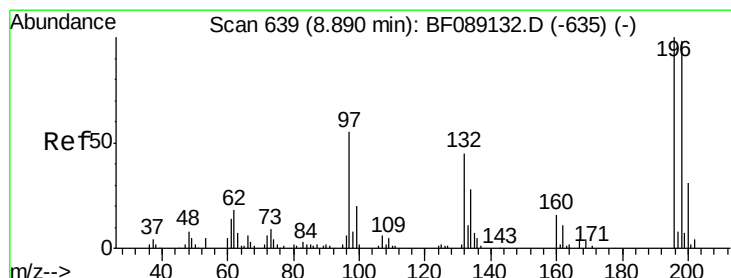
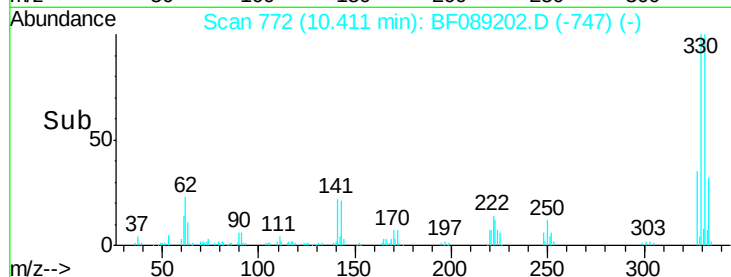
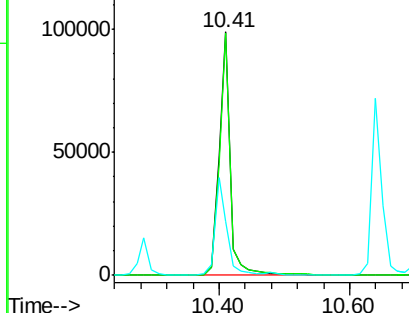
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	121073		
332	97.5	77.2	115.8	
141	44.1	42.2	63.2	

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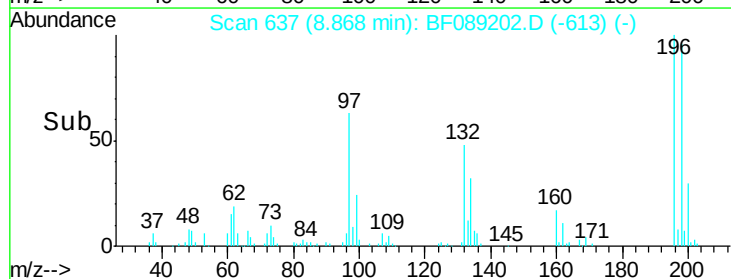
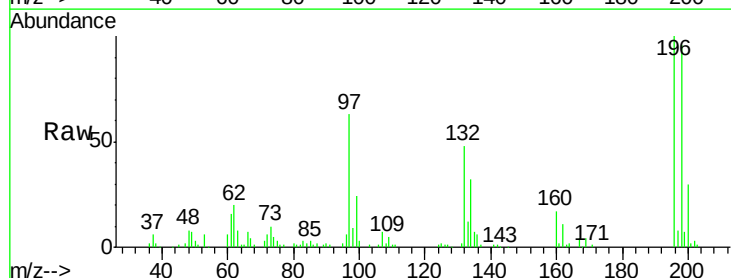
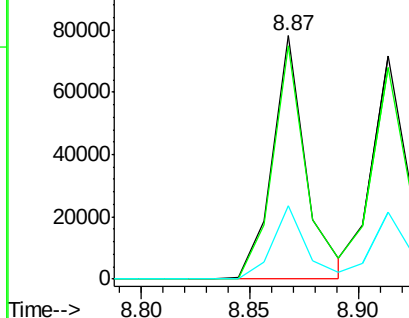
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

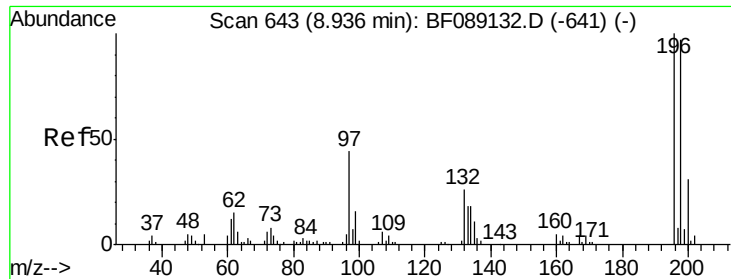


#42
 2,4,6-Trichlorophenol
 Concen: 40.71 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84325		
198	95.9	78.3	117.5	
200	29.9	25.0	37.4	

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





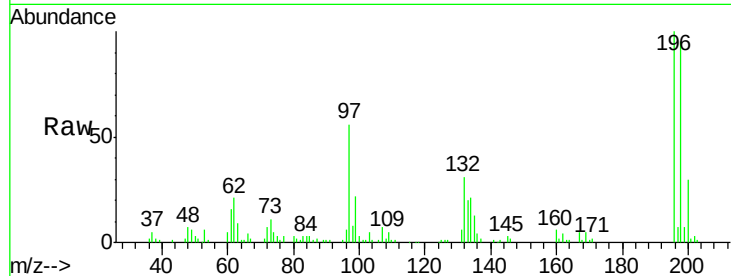
#43
 2,4,5-Trichlorophenol
 Concen: 46.93 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97586		
198	94.6	77.6	116.4	
97	56.3	36.5	54.7	
132	31.4	21.2	31.8	

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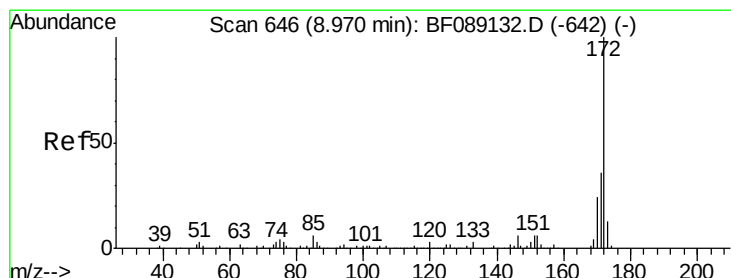
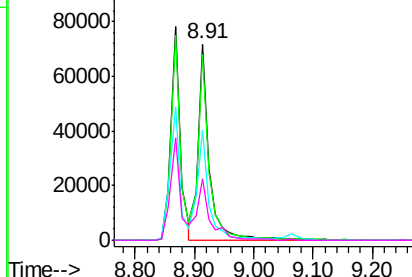
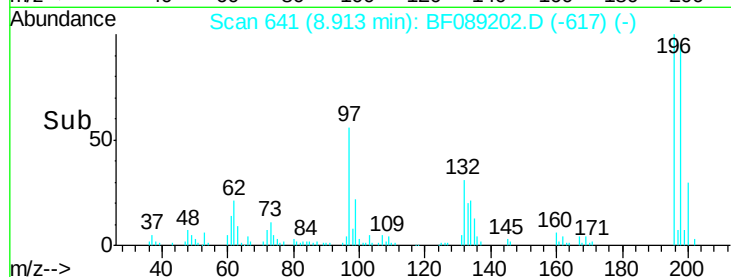
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

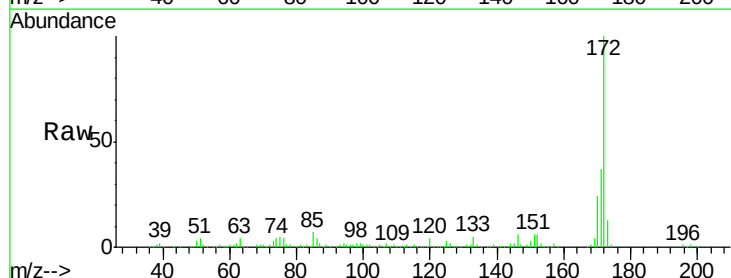
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.27 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	616288		
171	36.5	29.2	43.8	
170	23.9	19.1	28.7	

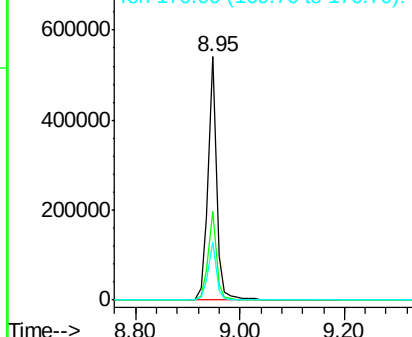
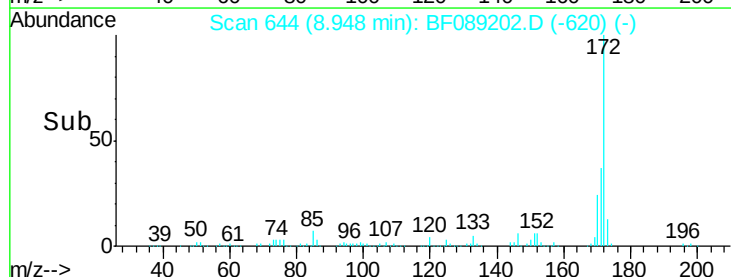


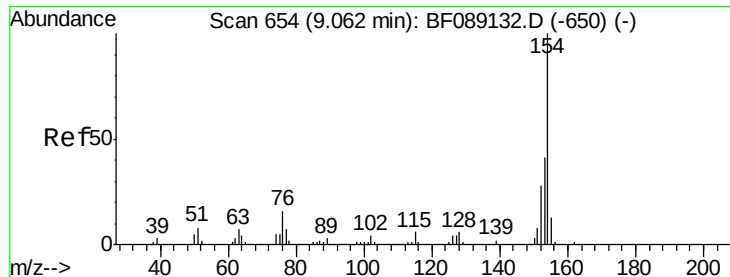
Abundance

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





#45

1,1'-Biphenyl

Concen: 39.04 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

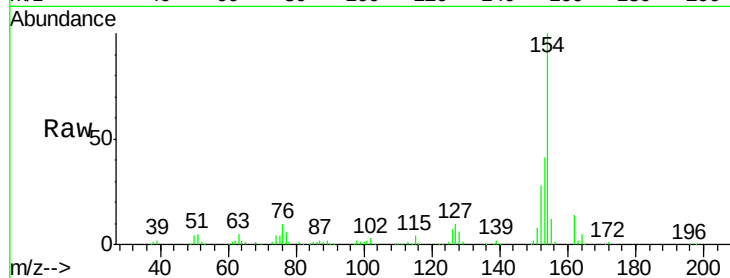
ClientSampleId :

PB92323BS

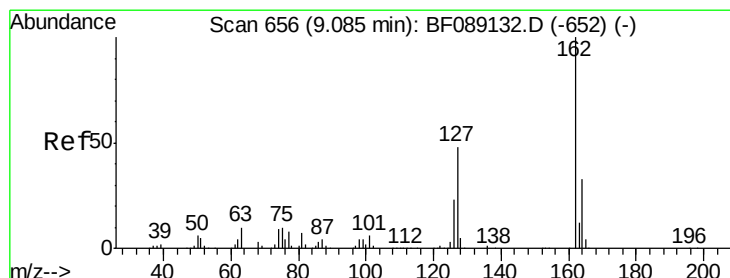
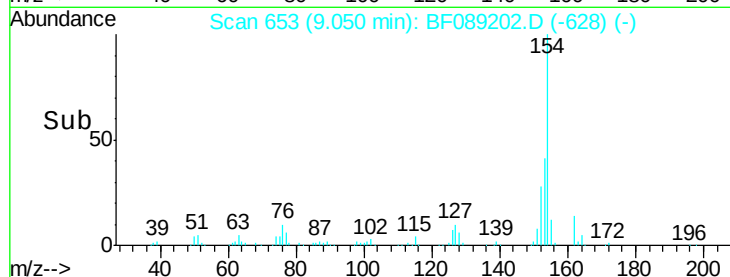
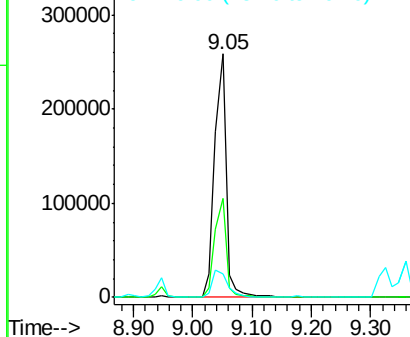
Tgt Ion:	154	Resp:	350121
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.1	61.1
76	9.8	0.0	35.8

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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: 39.71 ng

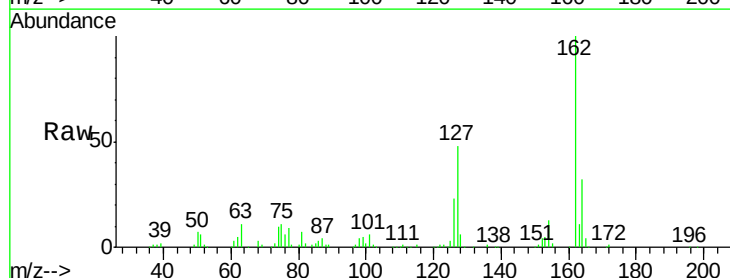
RT: 9.06 min Scan# 654

Delta R.T. -0.02 min

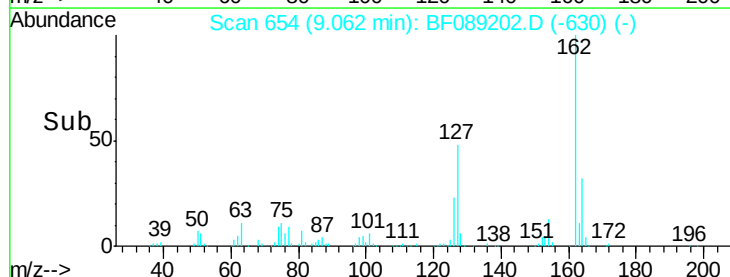
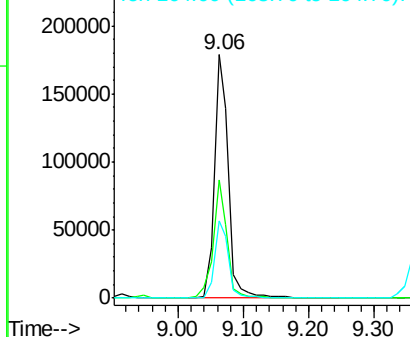
Lab File: BF089202.D

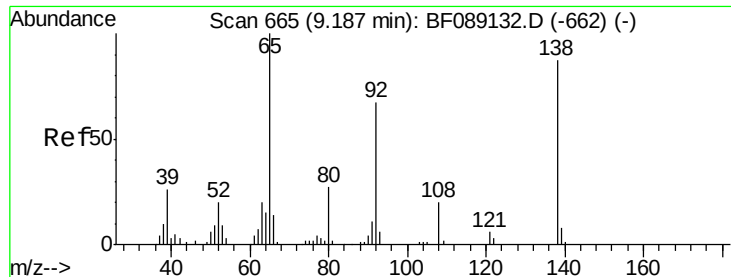
Acq: 22 Jul 2016 19:46

Tgt Ion:	162	Resp:	270621
Ion Ratio	Lower	Upper	
162	100		
127	48.5	38.1	57.1
164	31.5	26.1	39.1



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.08 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

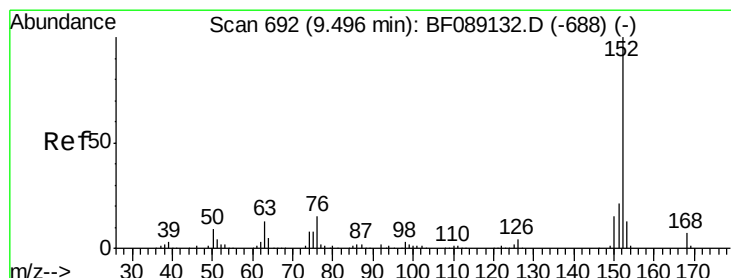
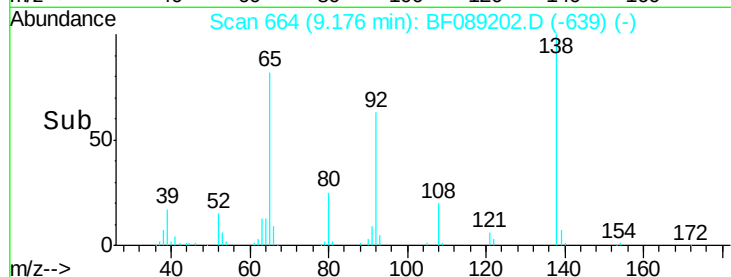
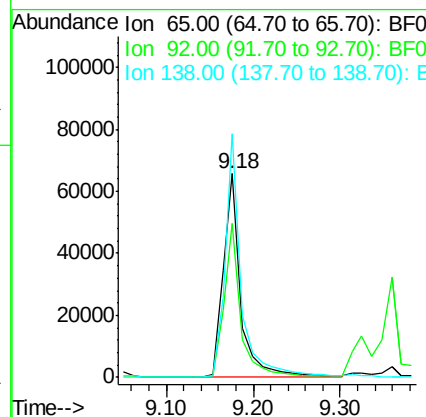
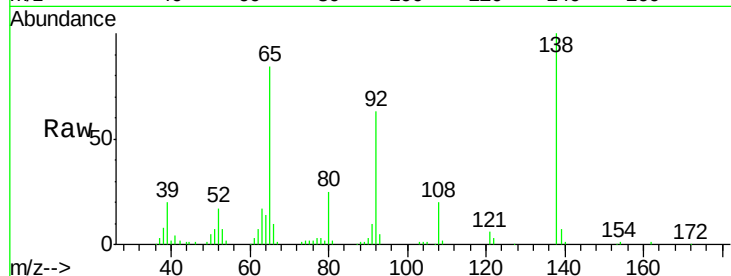
ClientSampleId :

PB92323BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	53.2	79.8
138	119.8	69.4	104.2

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#48

Acenaphthylene

Concen: 39.32 ng

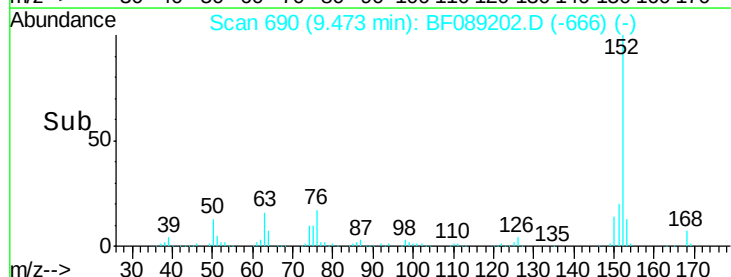
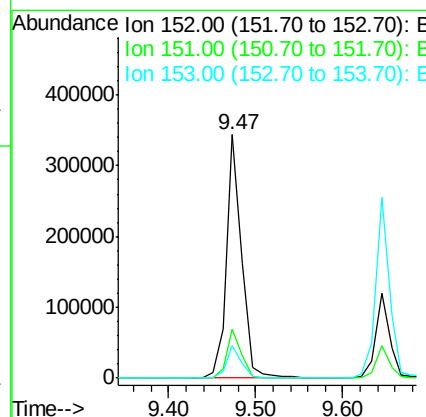
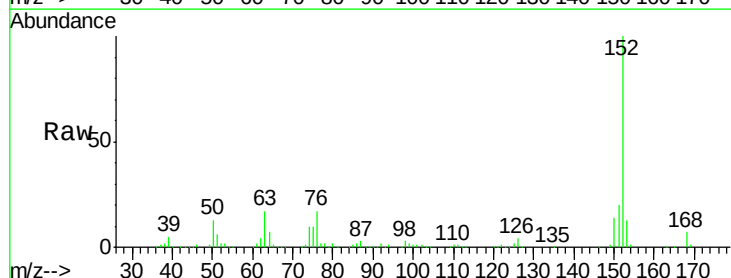
RT: 9.47 min Scan# 690

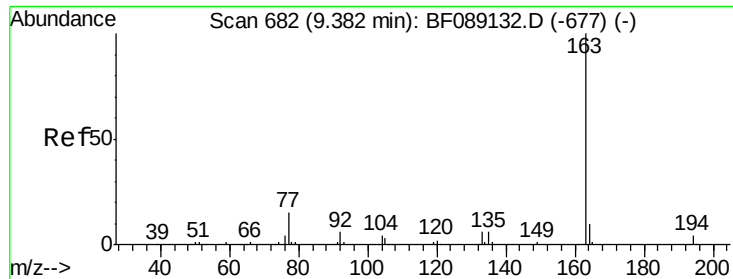
Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	13.1	10.7	16.1





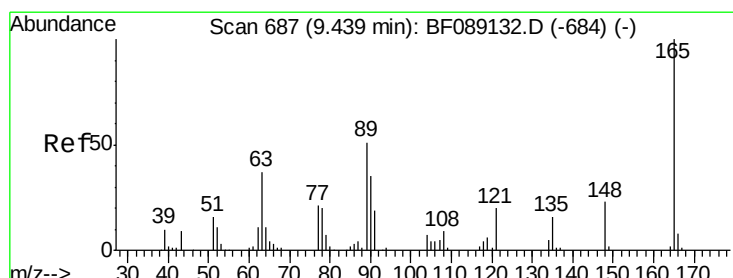
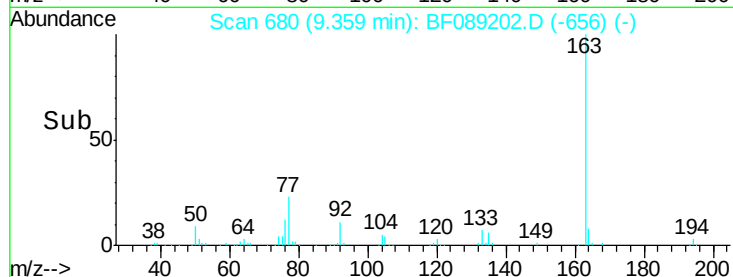
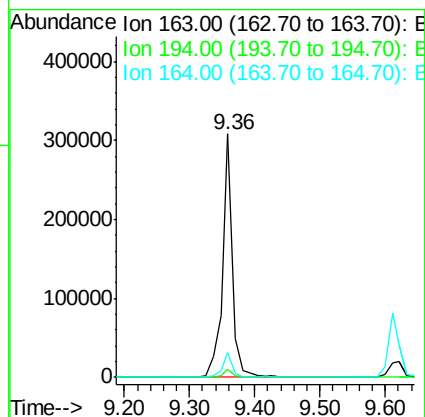
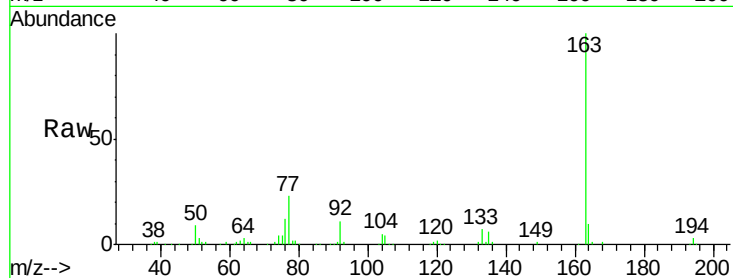
#49
Dimethylphthalate
Concen: 44.09 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.9	4.3
164	9.9	7.6	11.4

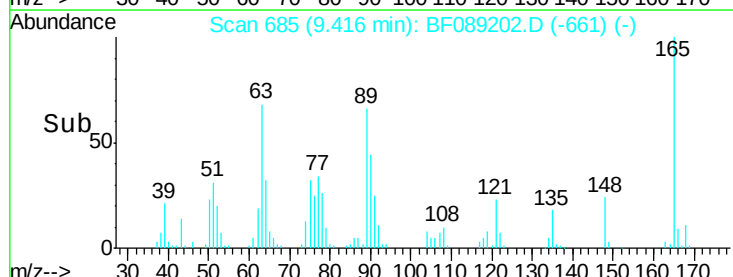
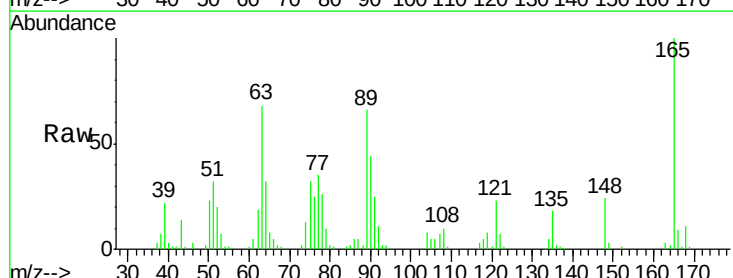
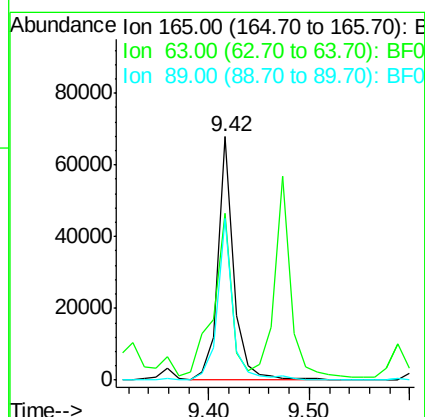
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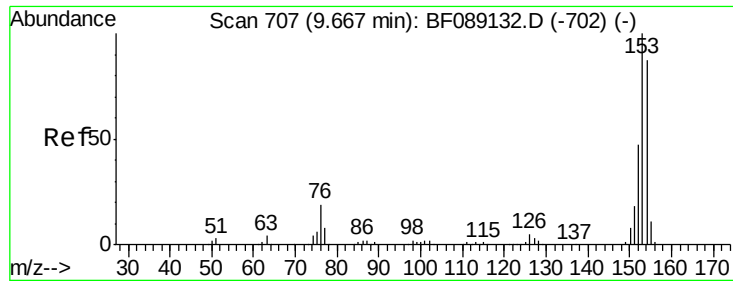
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#50
2,6-Dinitrotoluene
Concen: 43.30 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	68.5	37.0	55.4#
89	66.4	40.9	61.3#





#51

Acenaphthene

Concen: 38.97 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

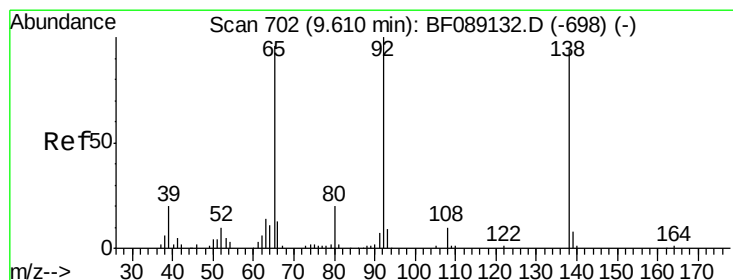
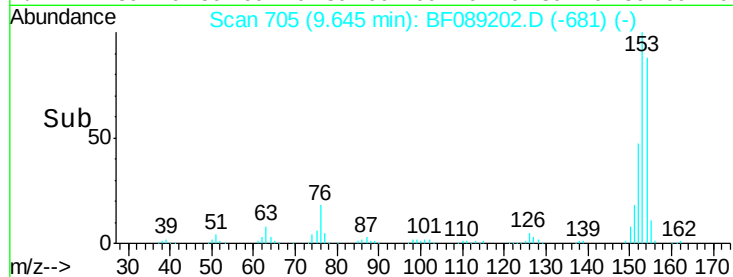
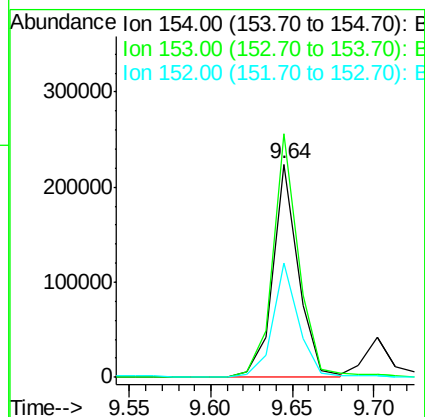
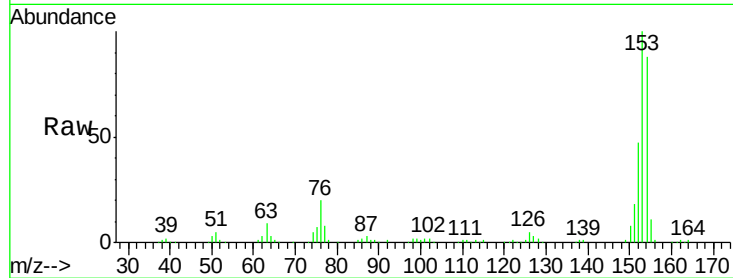
ClientSampleId :

PB92323BS

Tgt Ion:	154	Resp:	246954
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.9	137.9
152	53.8	42.8	64.2

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#52

3-Nitroaniline

Concen: 30.30 ng

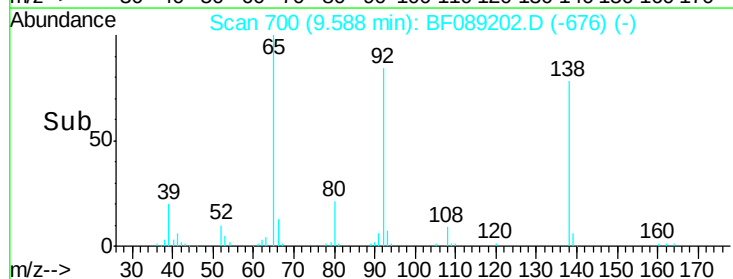
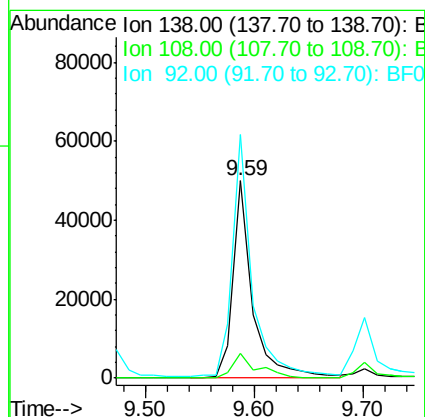
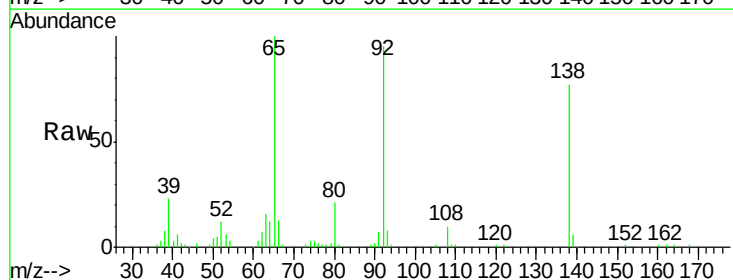
RT: 9.59 min Scan# 700

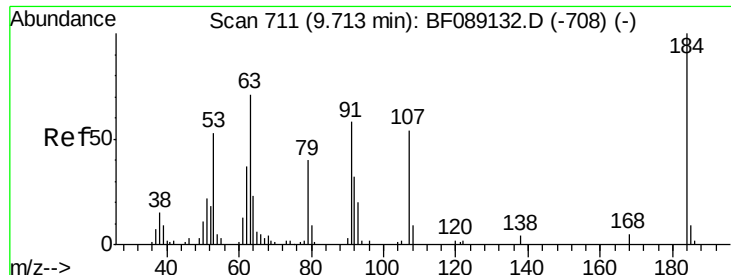
Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion:	138	Resp:	62073
Ion Ratio	Lower	Upper	
138	100		
108	12.4	8.8	13.2
92	123.4	85.3	127.9





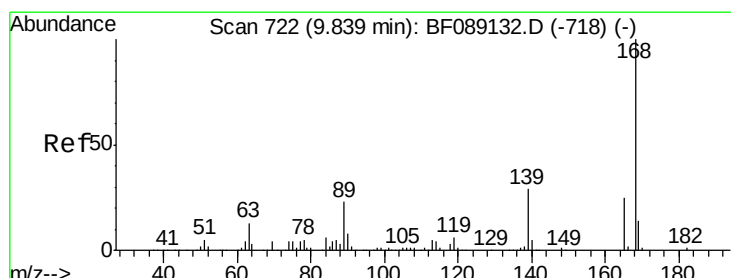
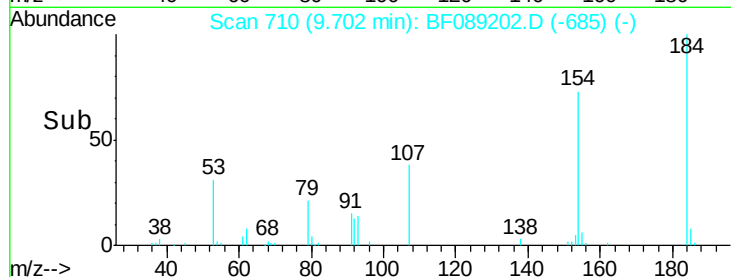
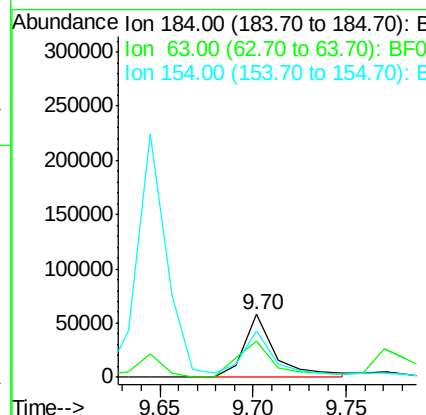
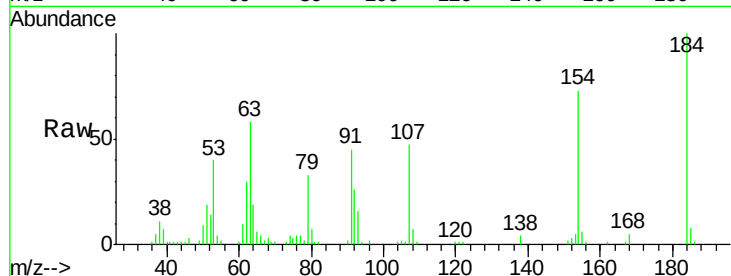
#53
 2,4-Dinitrophenol
 Concen: 78.62 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	69023		
63	58.5	60.3	90.5#	
154	73.2	60.7	91.1	

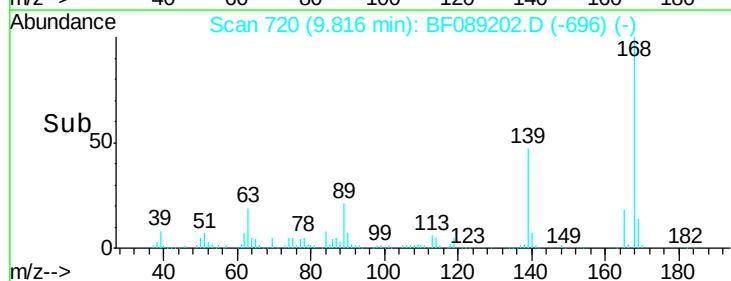
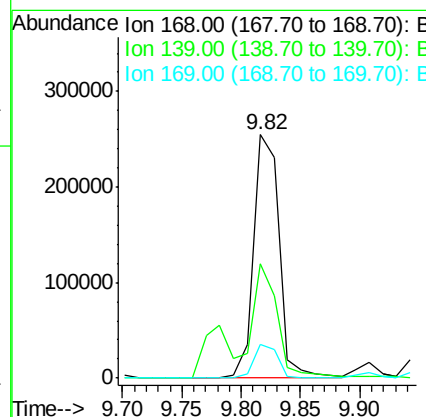
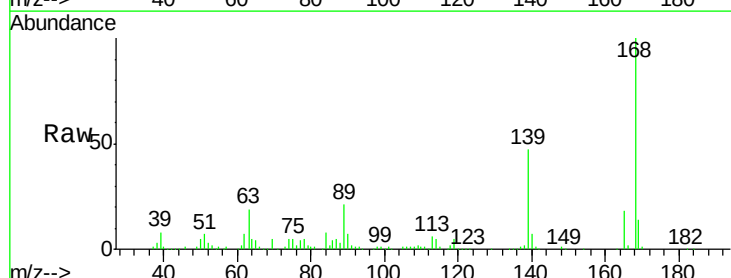
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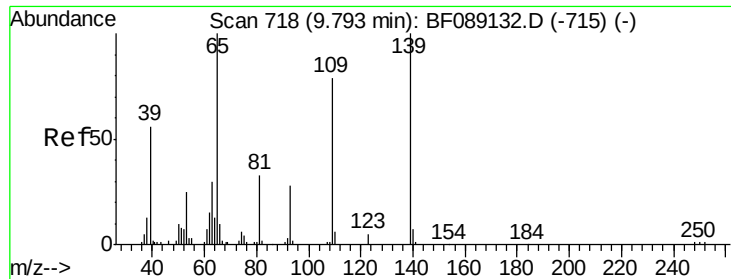
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#54
 Dibenzofuran
 Concen: 44.84 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	383961		
139	47.1	34.4	51.6	
169	13.9	10.8	16.2	





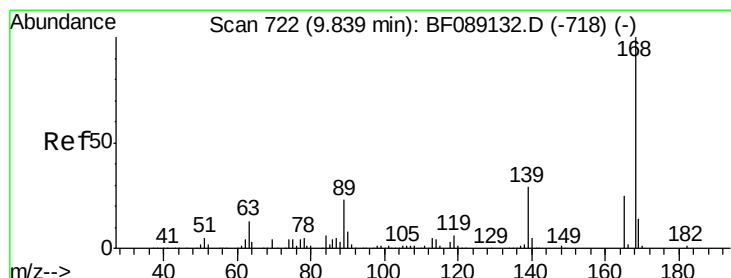
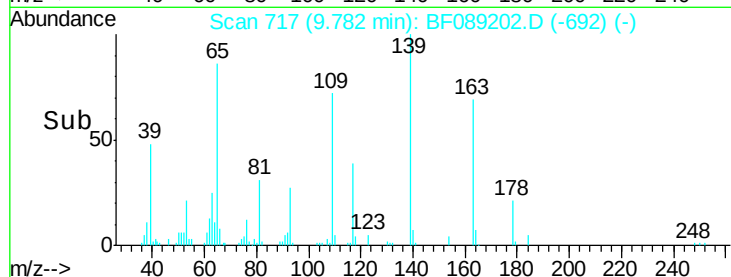
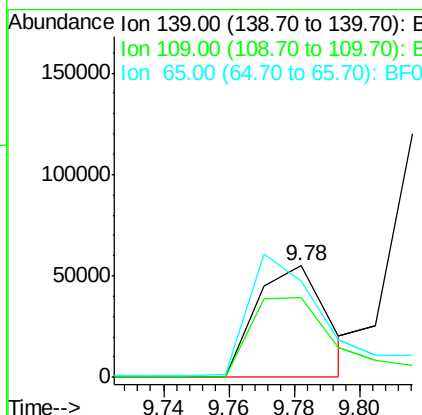
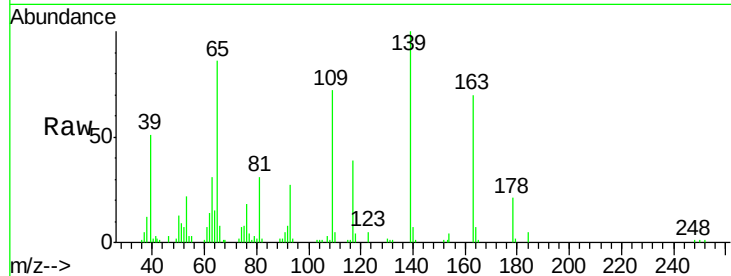
#55
4-Nitrophenol
Concen: 66.56 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	82504		
109	72.2	58.7	98.7	
65	86.3	80.2	120.2	

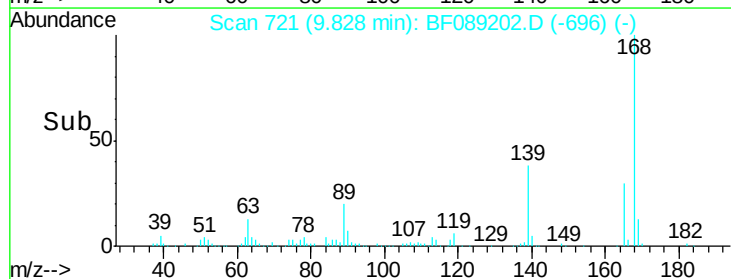
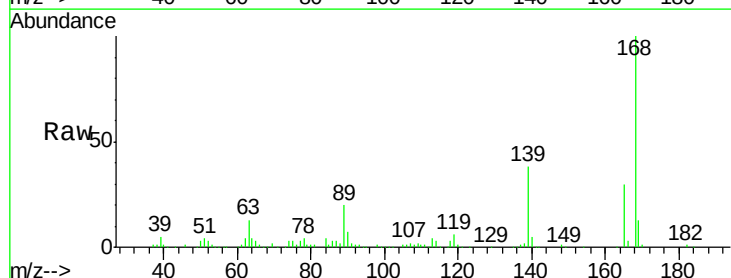
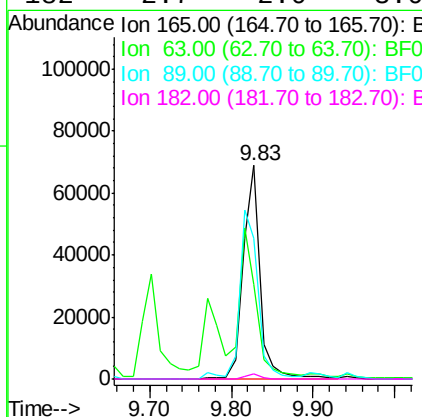
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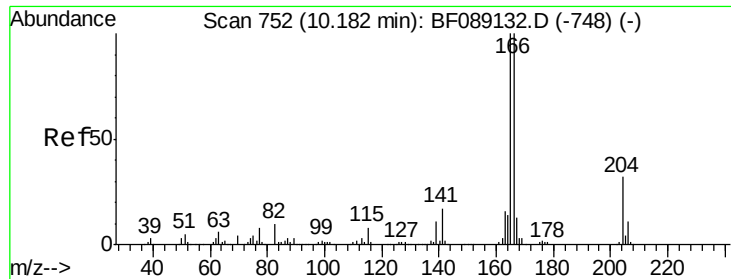
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#56
2,4-Dinitrotoluene
Concen: 44.44 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98762		
63	44.5	55.4	83.2#	
89	65.8	74.3	111.5#	
182	2.7	2.0	3.0	





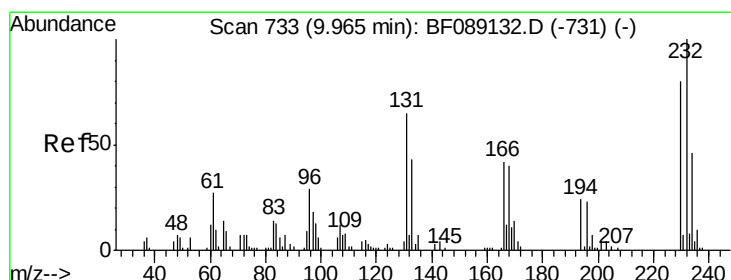
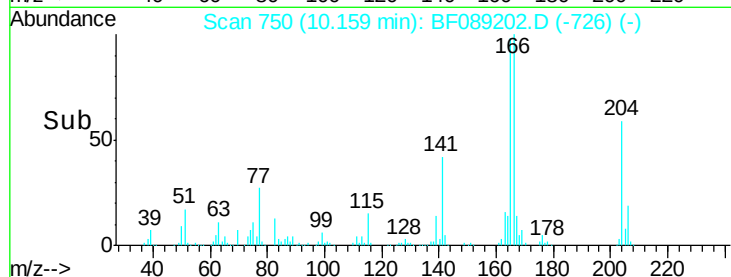
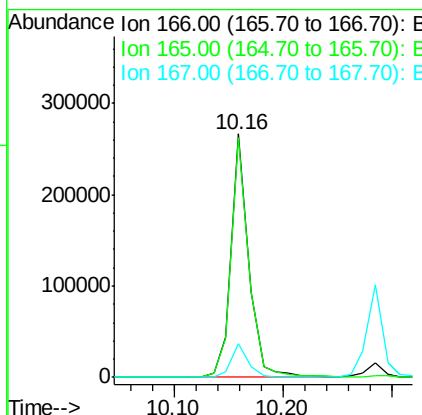
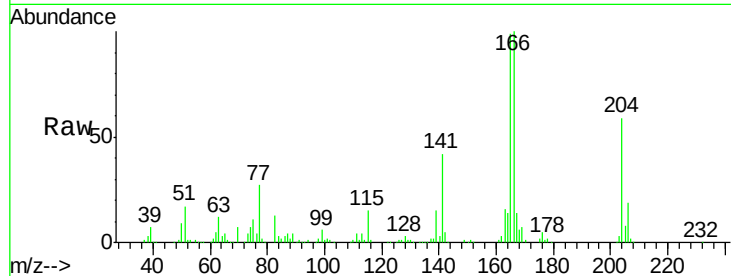
#57
 Fluorene
 Concen: 41.10 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	298744		
165	98.7	79.9	119.9	
167	13.6	10.7	16.1	

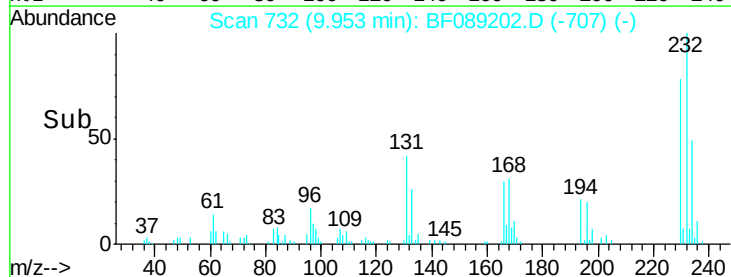
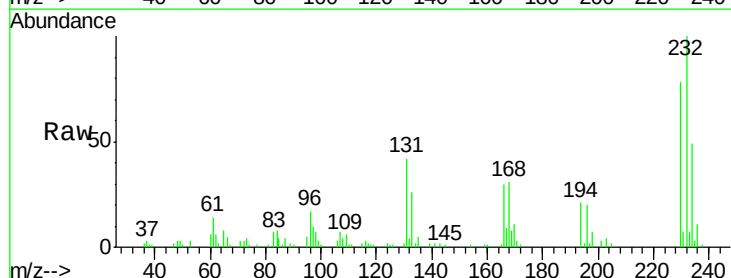
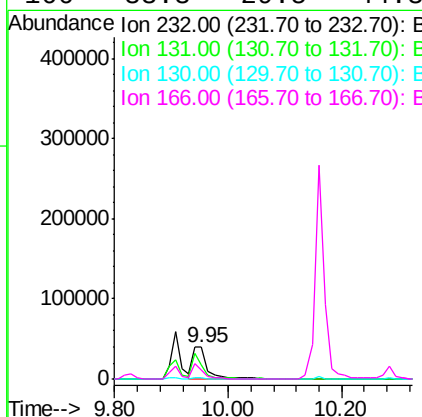
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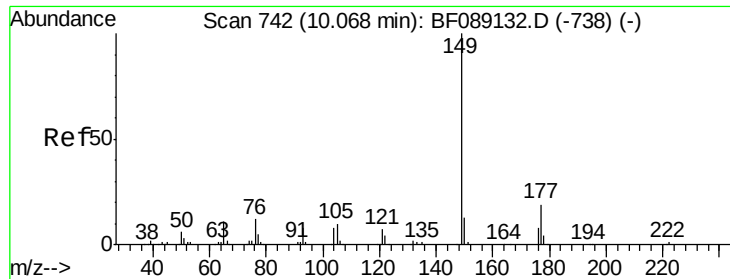
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.14 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	71901		
131	58.1	46.2	69.2	
130	2.4	2.3	3.5	
166	33.3	29.5	44.3	





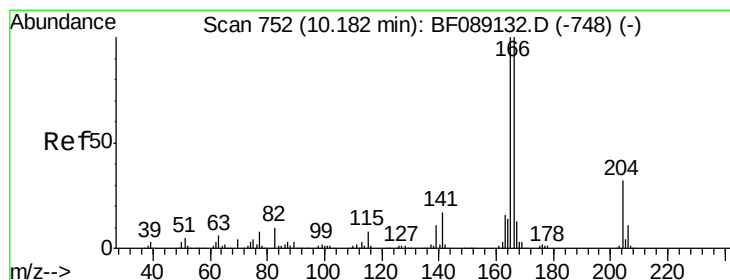
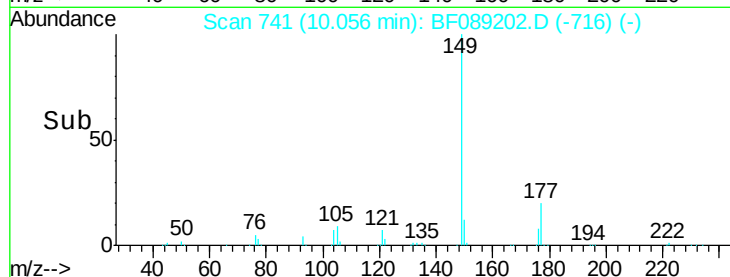
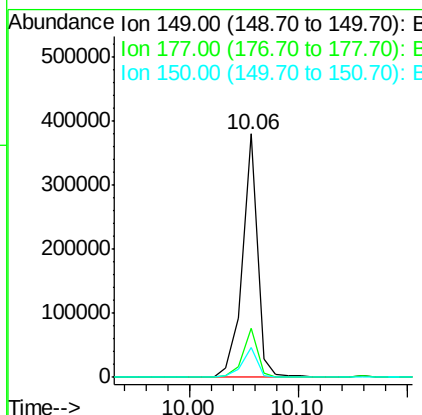
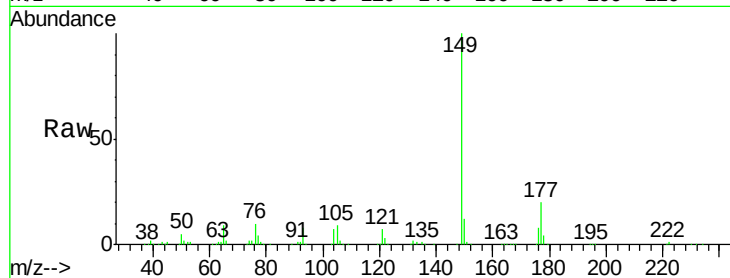
#59
Diethylphthalate
Concen: 47.99 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	363611		
177	20.0	15.6	23.4	
150	12.3	10.1	15.1	

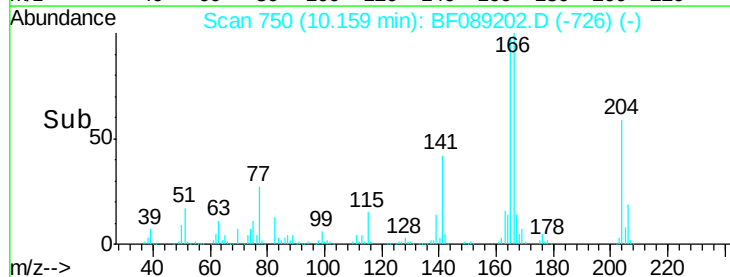
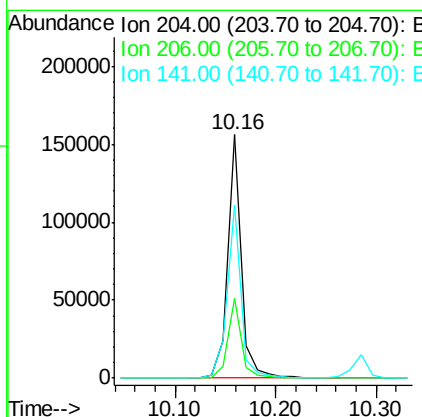
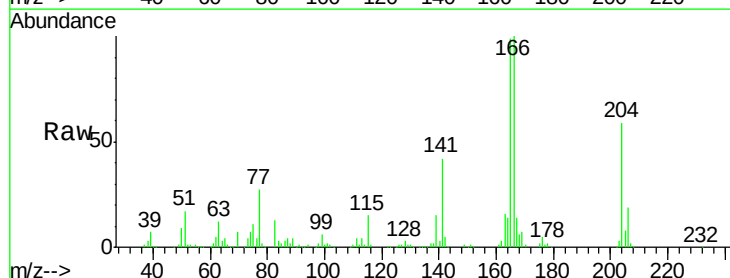
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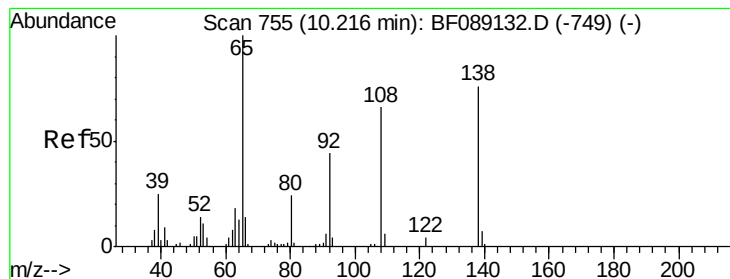
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#60
4-Chlorophenyl-phenylether
Concen: 44.21 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	146702		
206	32.6	26.2	39.4	
141	71.1	42.2	63.4#	





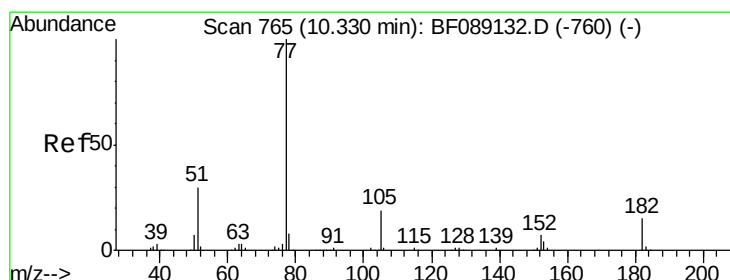
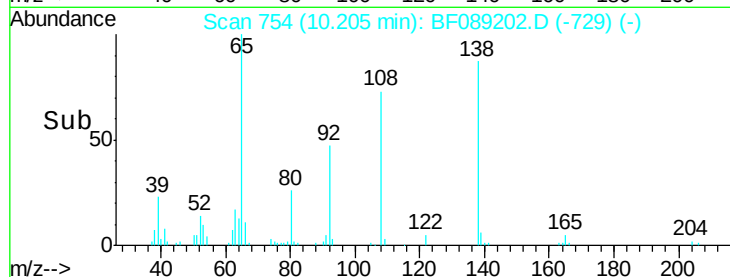
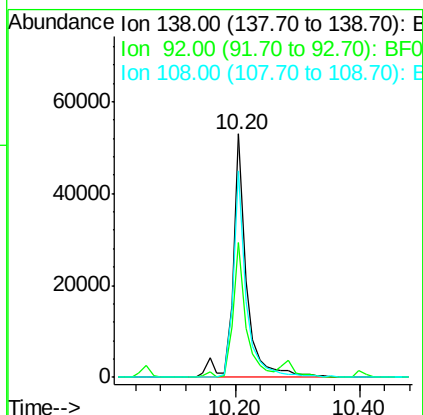
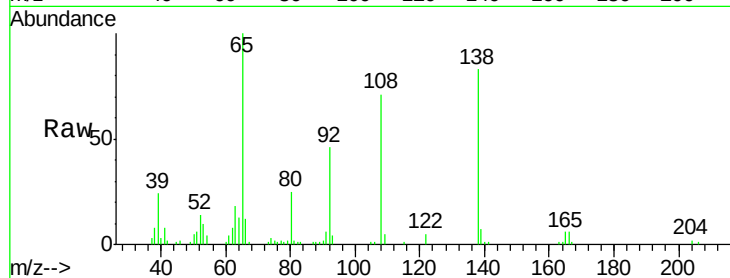
#61
4-Nitroaniline
Concen: 40.73 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion: 138 Resp: 81183
Ion Ratio Lower Upper
138 100
92 55.4 37.2 77.2
108 84.9 66.1 106.1

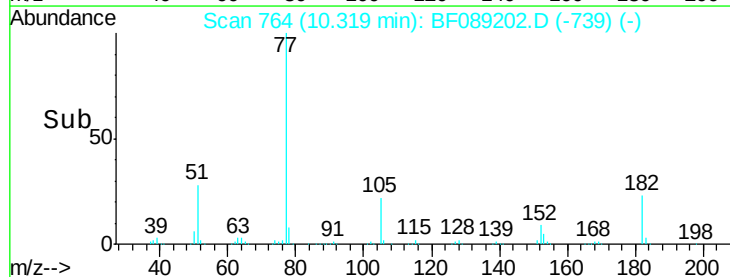
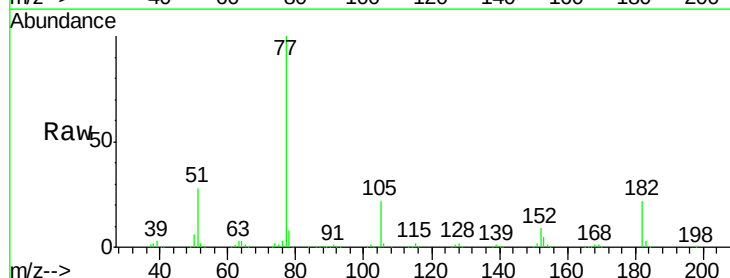
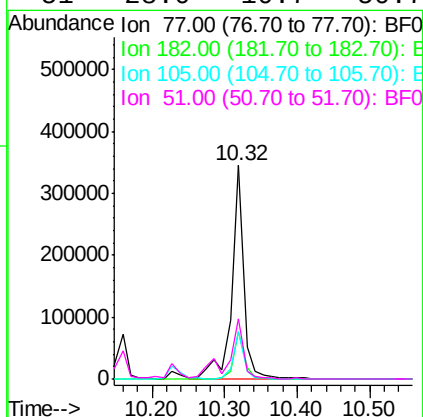
Manual Integrations
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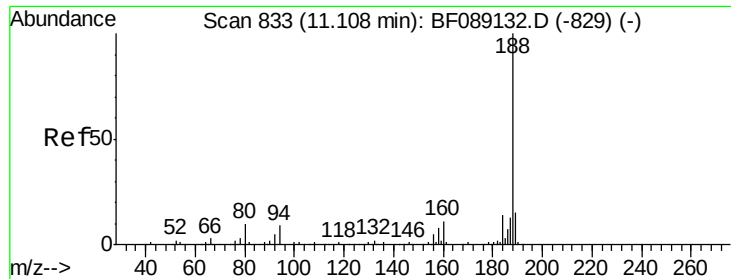
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#62
Azobenzene
Concen: 47.86 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion: 77 Resp: 394142
Ion Ratio Lower Upper
77 100
182 22.5 0.0 35.0
105 22.0 0.0 39.4
51 28.0 10.7 50.7





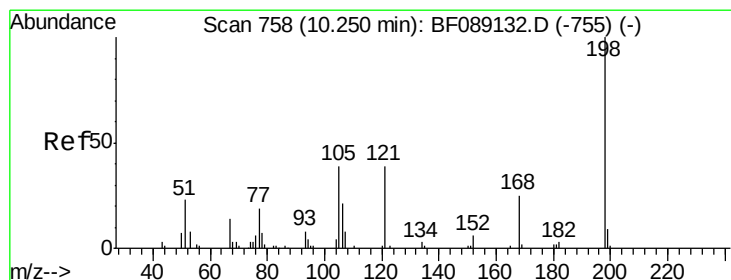
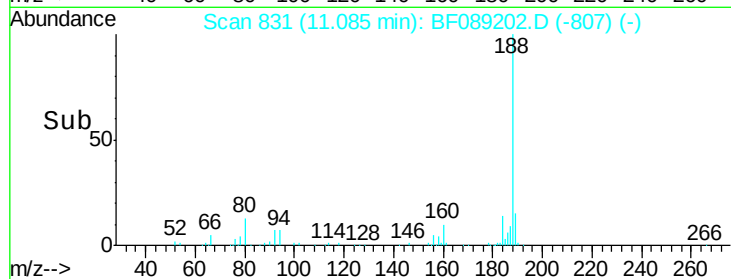
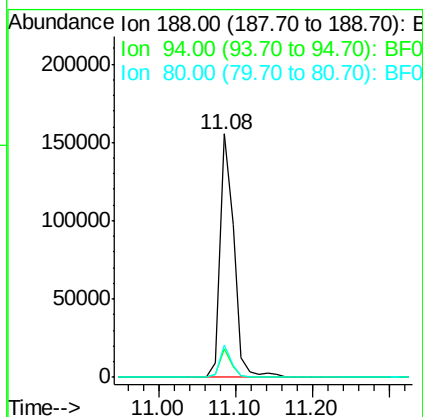
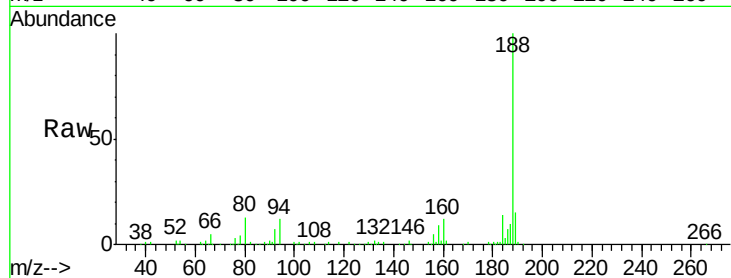
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	198007		
94	11.6	7.0	10.4#	
80	13.5	7.7	11.5#	

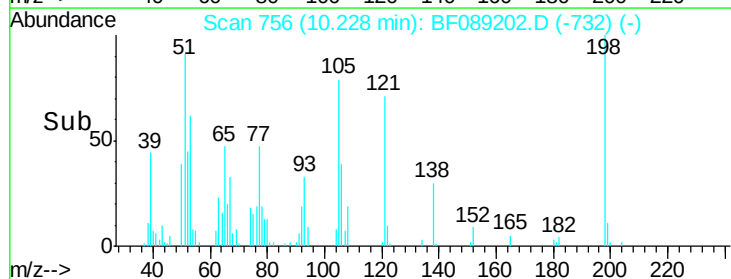
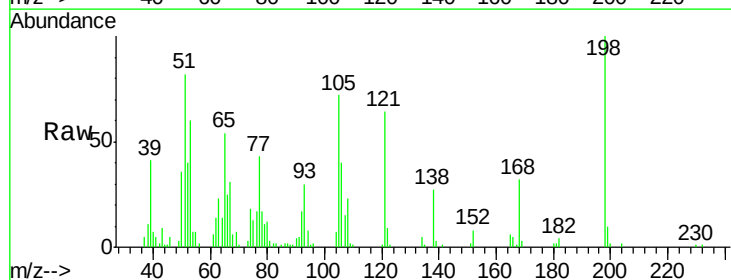
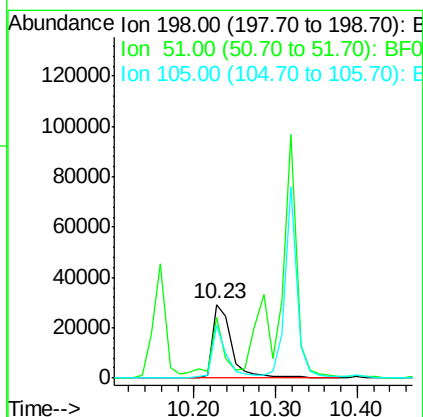
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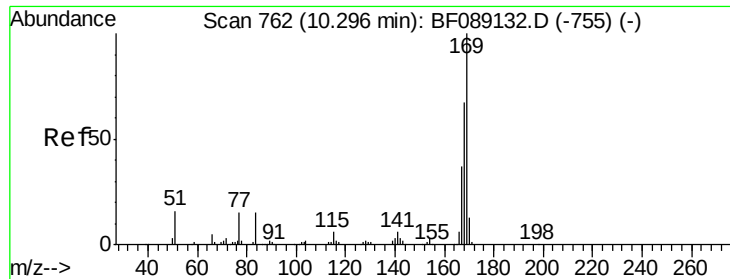
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.89 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	48289		
51	81.8	11.7	51.7#	
105	71.6	20.3	60.3#	





#65

n-Nitrosodiphenylamine

Concen: 43.95 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

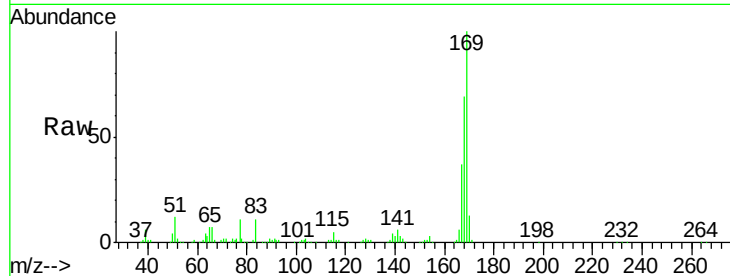
ClientSampleId :

PB92323BS

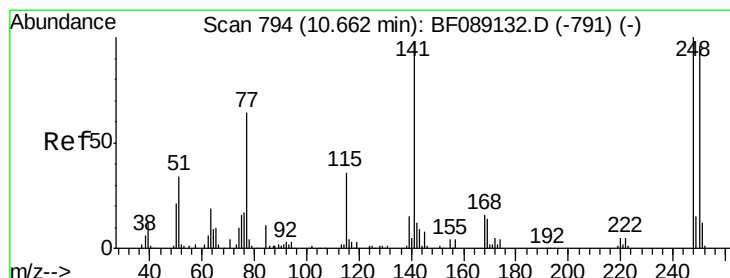
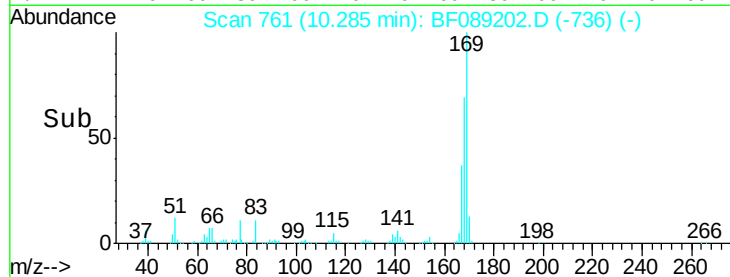
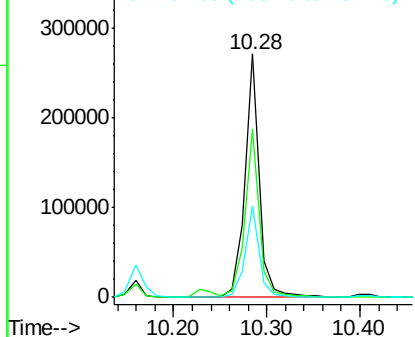
Tgt Ion:	169	Resp:	290853
Ion Ratio	Lower	Upper	
169	100		
168	68.9	53.4	80.0
167	37.4	29.5	44.3

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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: 41.32 ng

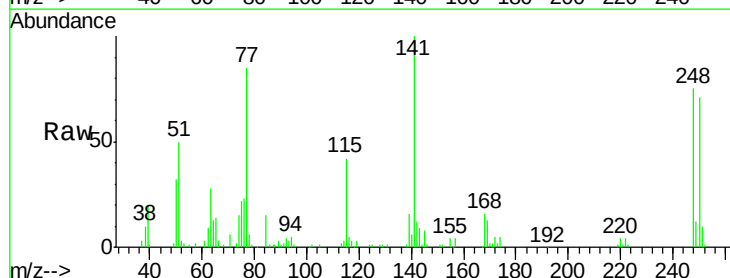
RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

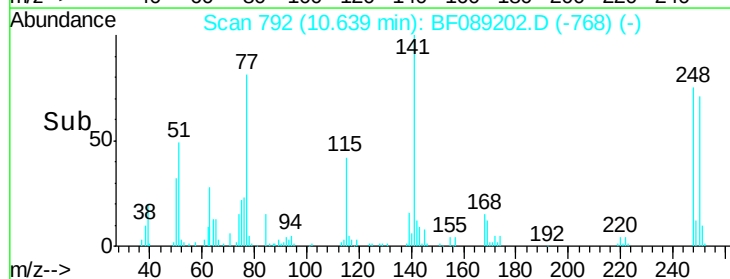
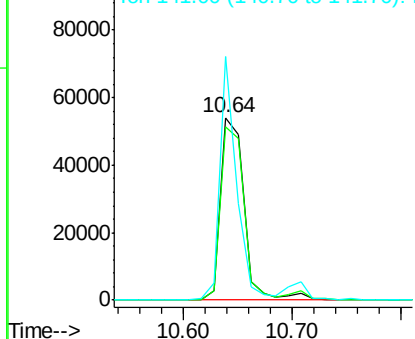
Lab File: BF089202.D

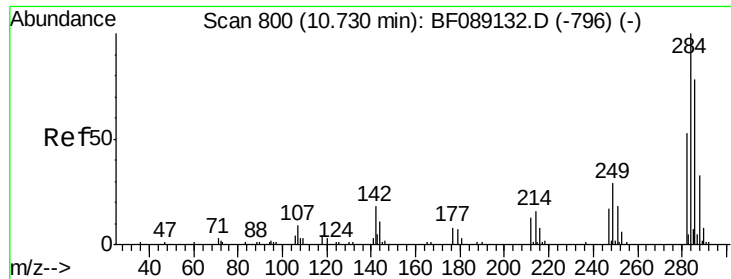
Acq: 22 Jul 2016 19:46

Tgt Ion:	248	Resp:	80956
Ion Ratio	Lower	Upper	
248	100		
250	94.8	76.9	115.3
141	133.2	77.4	116.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





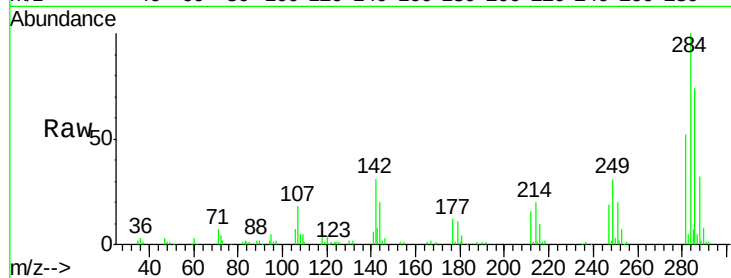
#67
Hexachlorobenzene
Concen: 42.00 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

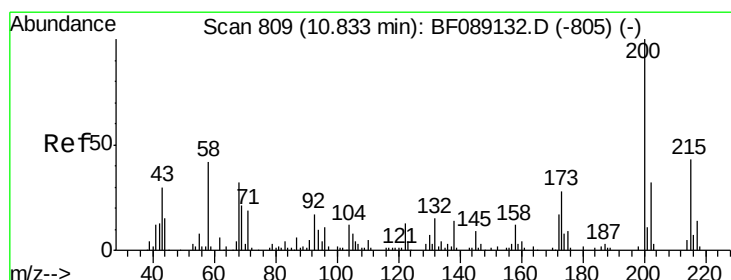
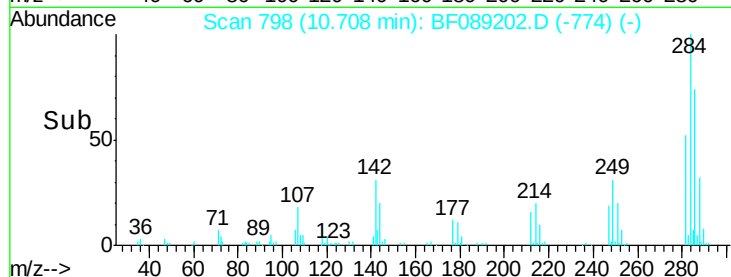
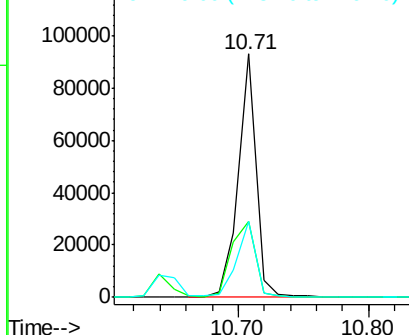
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	88520		
142	31.4	14.1	21.1#	
249	31.4	23.0	34.4	

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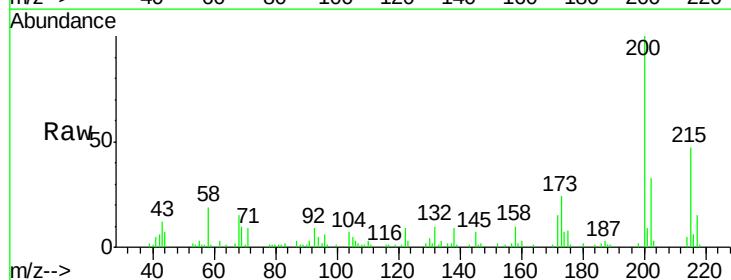


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

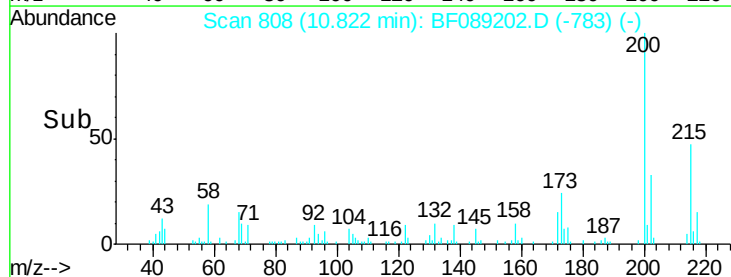
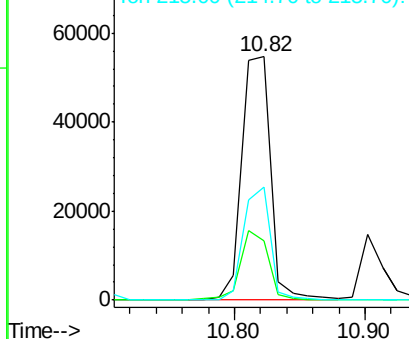


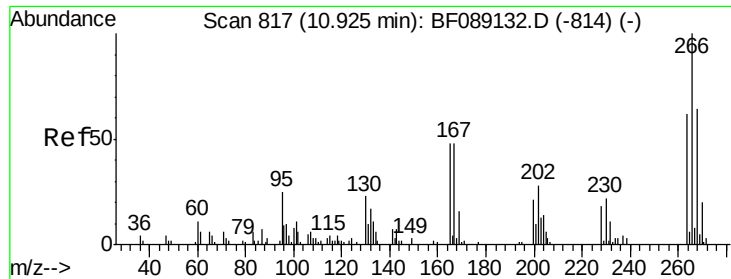
#68
Atrazine
Concen: 40.46 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	83726		
173	24.4	7.8	47.8	
215	46.5	22.9	62.9	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





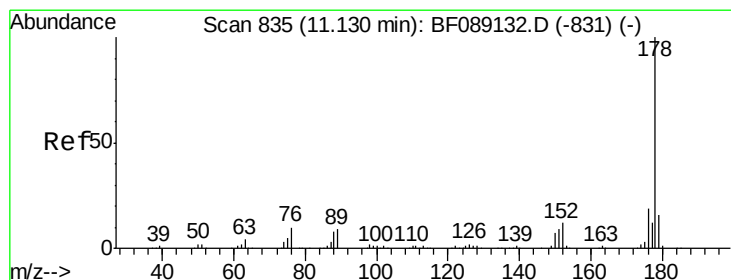
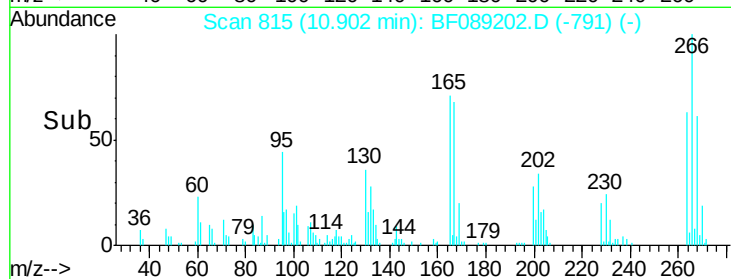
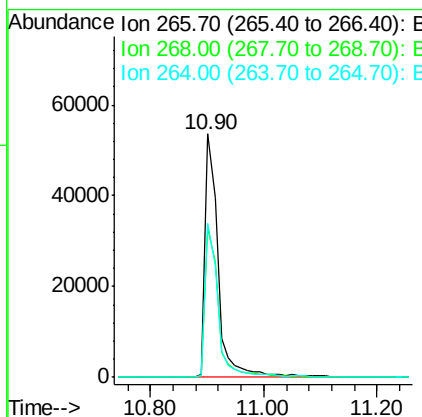
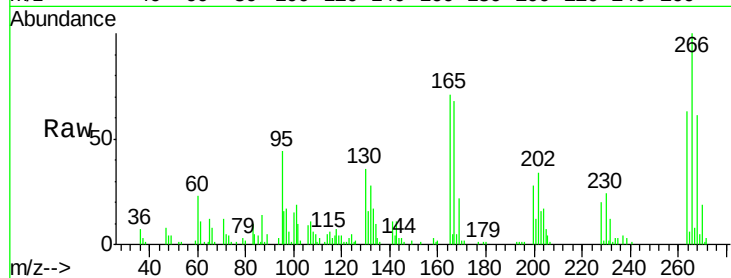
#69
 Pentachlorophenol
 Concen: 85.07 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	82708		
268	61.3		51.2	76.8
264	63.5		49.7	74.5

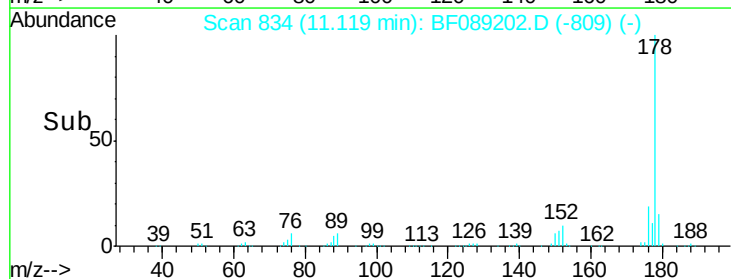
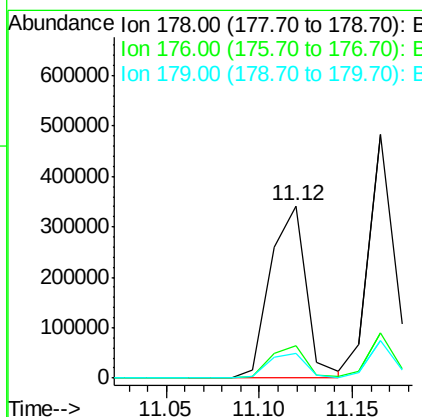
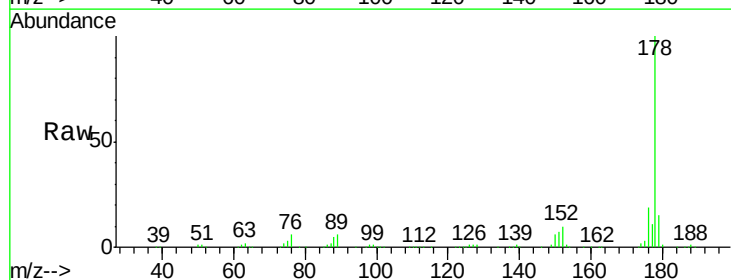
Manual Integrations
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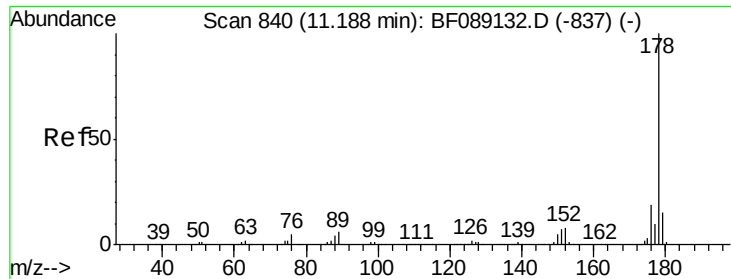
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#70
 Phenanthrene
 Concen: 41.84 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	454452		
176	19.1		15.6	23.4
179	14.7		12.4	18.6





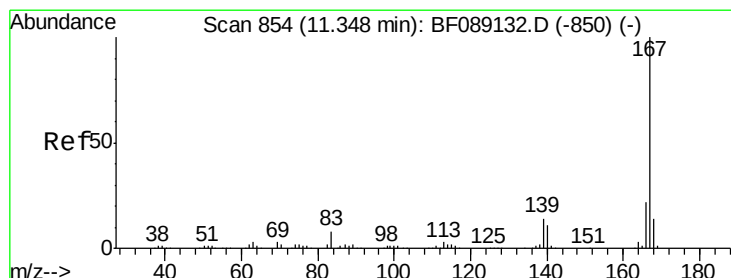
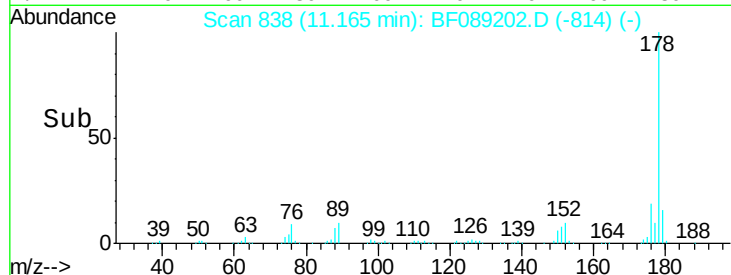
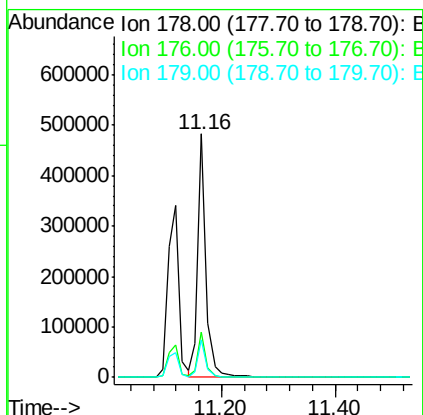
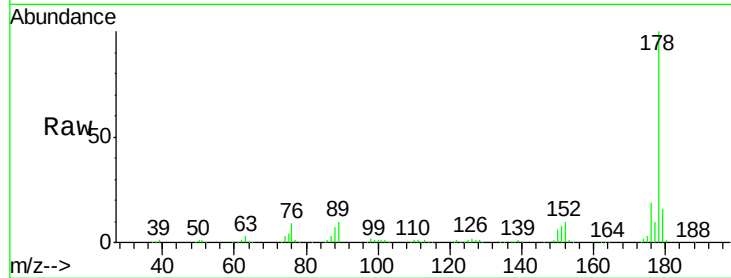
#71
 Anthracene
 Concen: 43.39 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.6	12.0	18.0

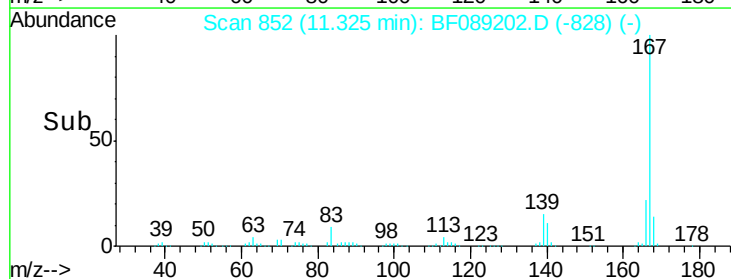
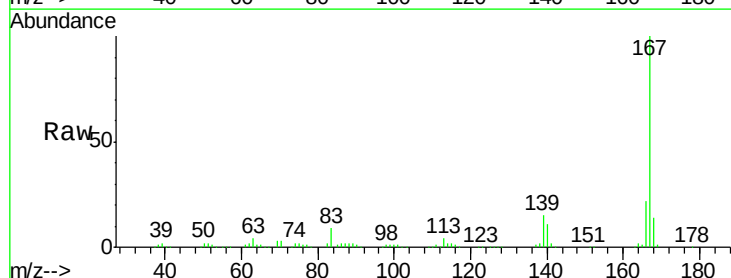
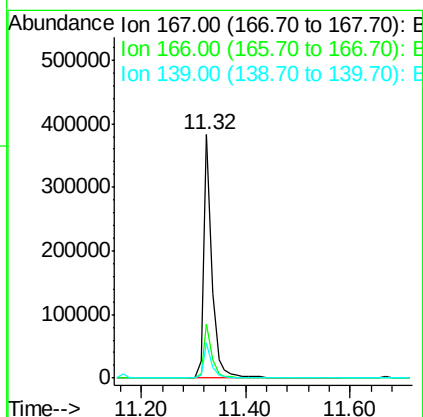
Manual Integrations
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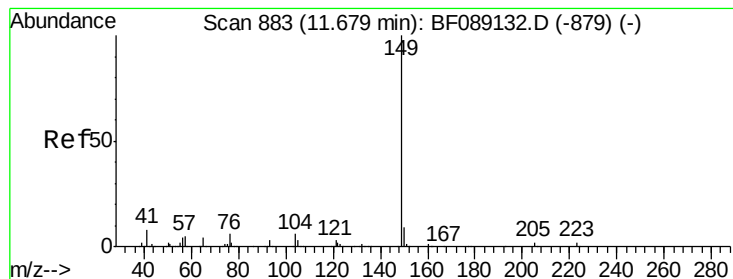
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#72
 Carbazole
 Concen: 42.81 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	14.6	11.0	16.4





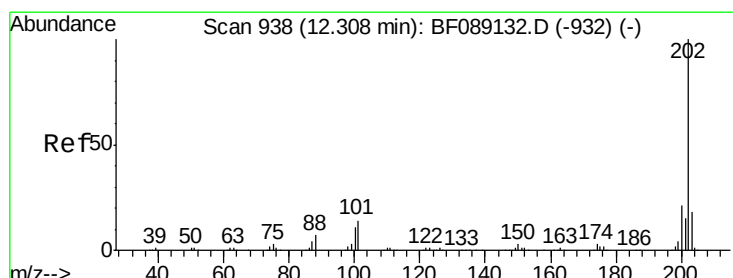
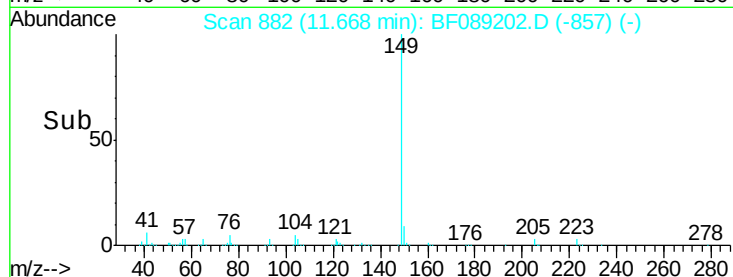
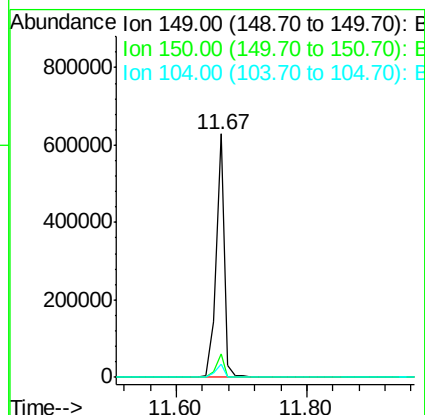
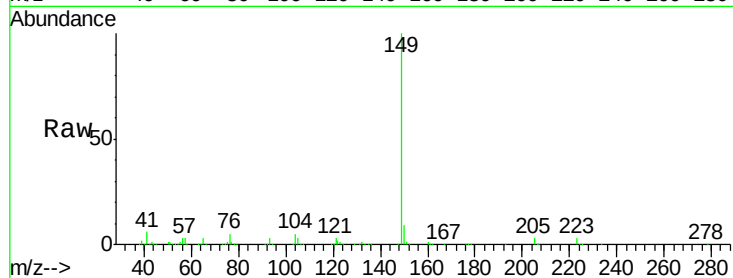
#73
Di-n-butylphthalate
Concen: 45.98 ng
RT: 11.67 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	563957		
150	9.4		7.4	11.2
104	5.3		4.6	6.8

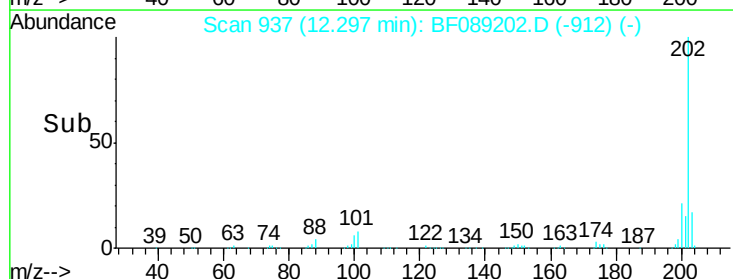
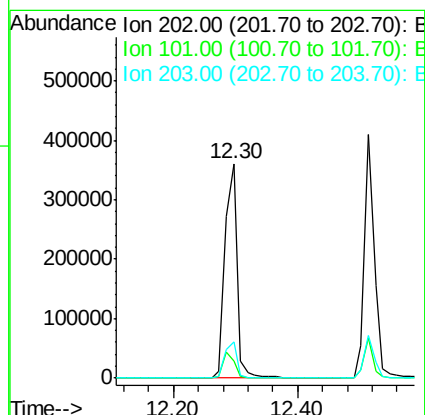
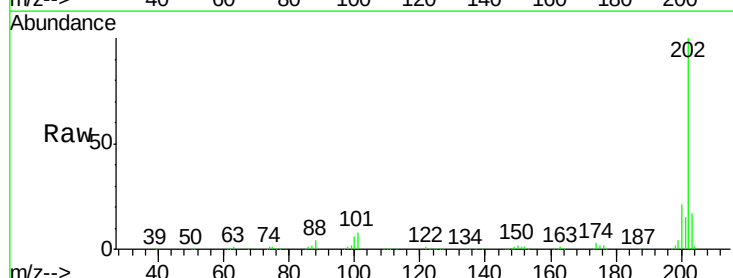
Manual Integrations
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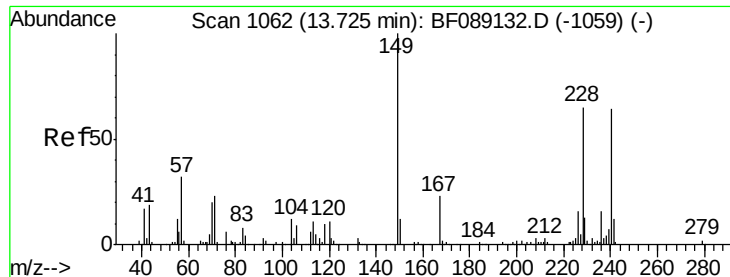
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#74
Fluoranthene
Concen: 42.07 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	480280		
101	7.8		0.0	34.0
203	16.7		0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

Tgt Ion:240 Resp: 139406
Ion Ratio Lower Upper

240 100

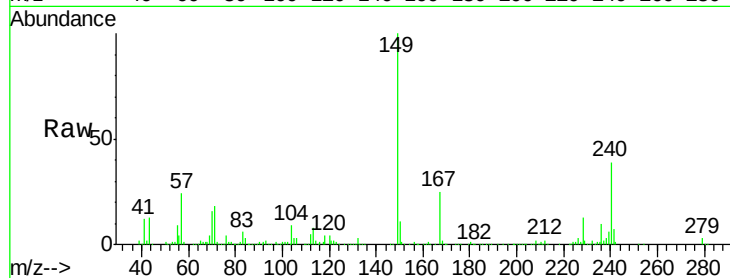
120 10.1 13.6 20.4#

236 25.4 20.5 30.7

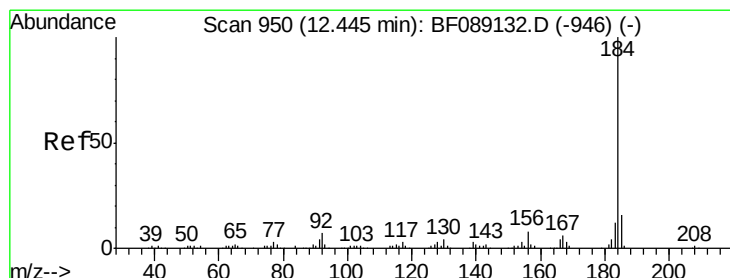
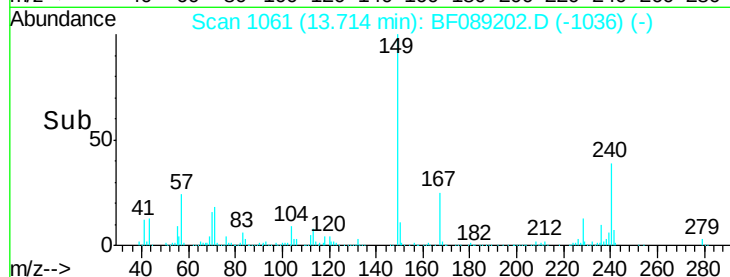
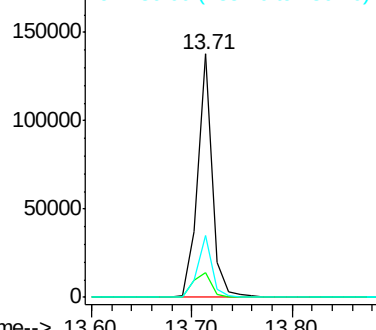
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.65 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF089202.D

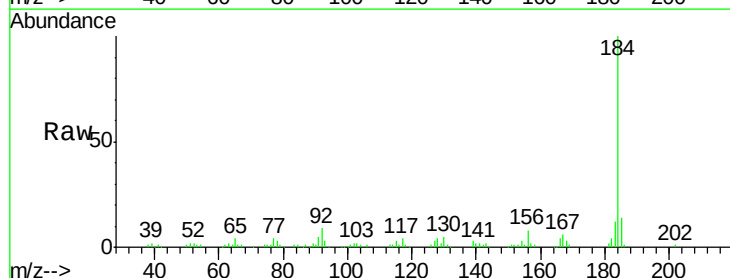
Acq: 22 Jul 2016 19:46

Tgt Ion:184 Resp: 175663
Ion Ratio Lower Upper

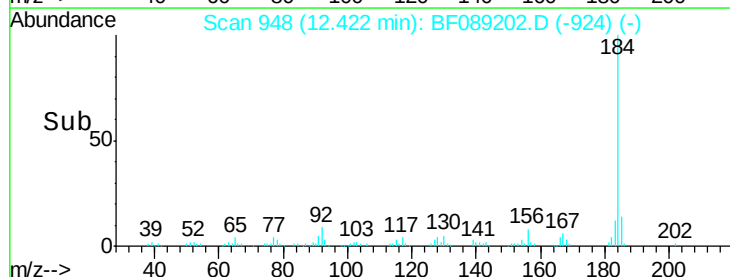
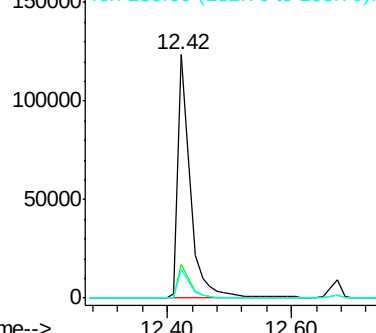
184 100

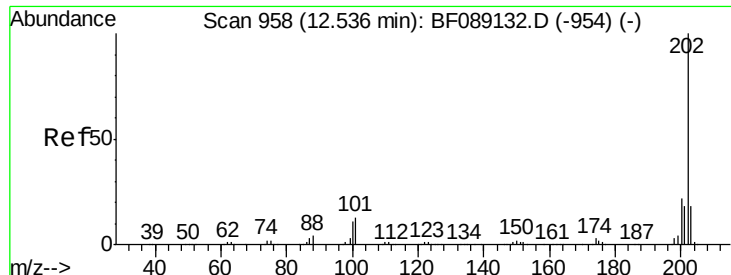
185 14.0 12.5 18.7

183 12.0 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





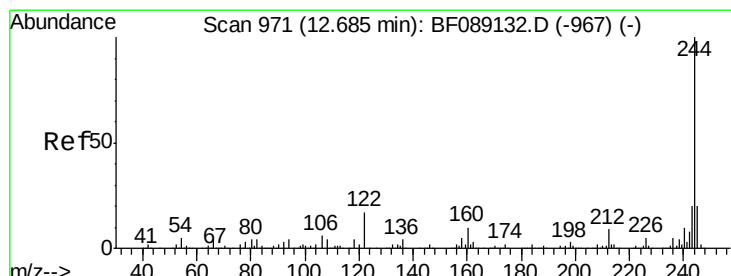
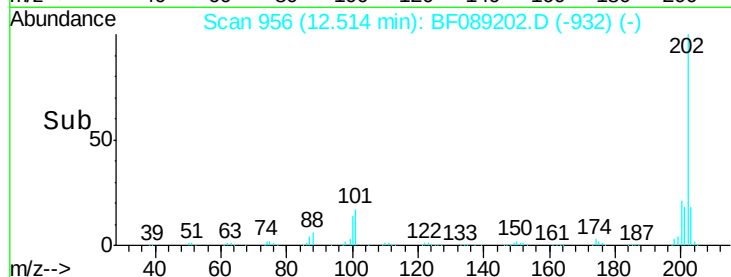
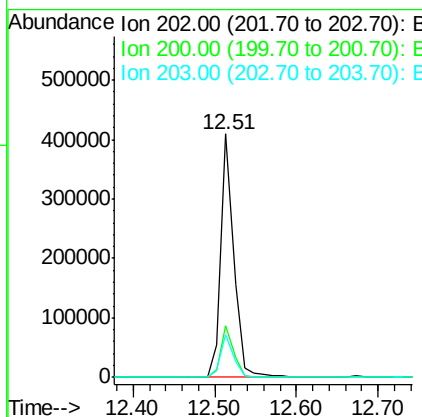
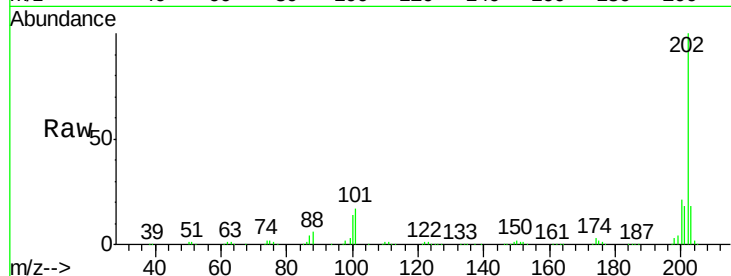
#77
Pyrene
 Concen: 38.89 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampled :
 PB92323BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.0
203	17.6	14.2	21.2

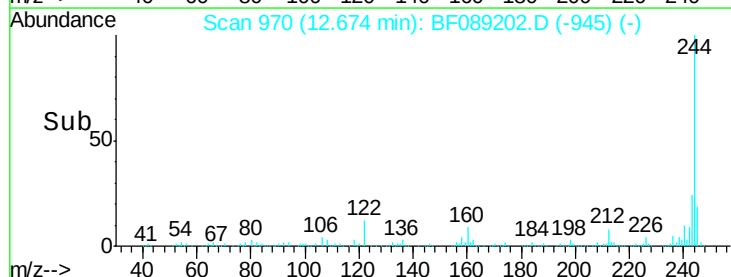
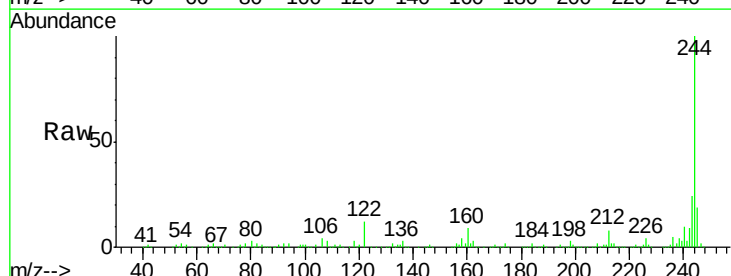
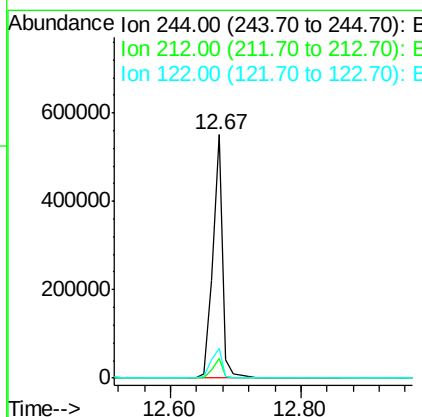
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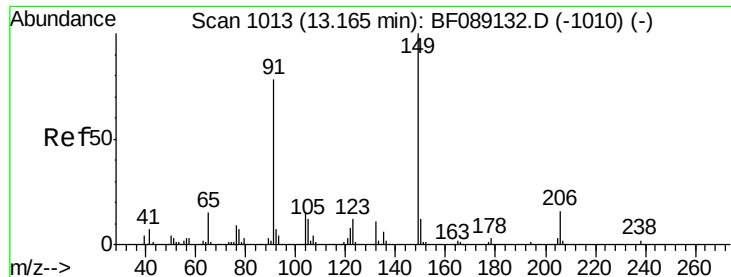
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#78
Terphenyl-d14
 Concen: 90.61 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.0	10.4
122	12.5	13.8	20.8#





#79

Butylbenzylphthalate

Concen: 48.45 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

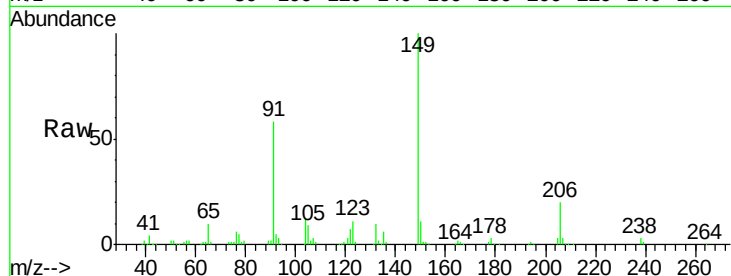
ClientSampled :

PB92323BS

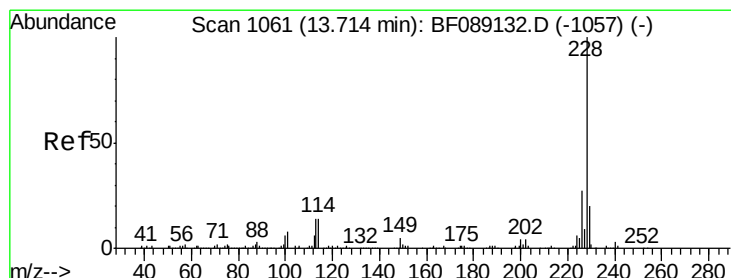
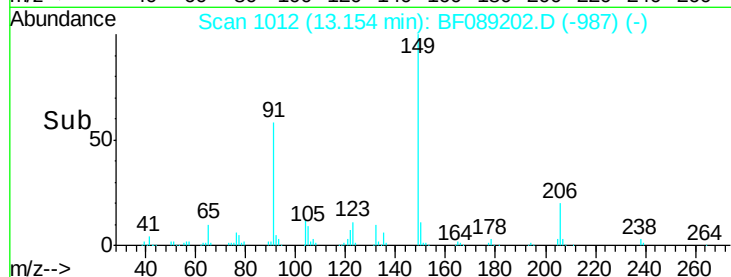
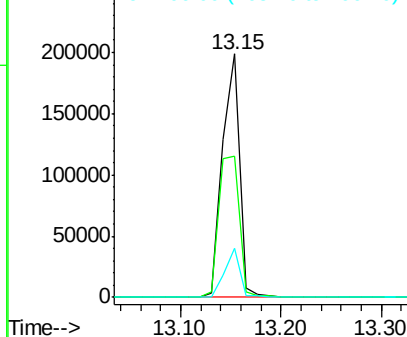
Tgt Ion:	149	Resp:	235964
Ion Ratio	Lower	Upper	
149	100		
91	58.1	62.6	93.8#
206	20.2	13.2	19.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.33 ng

RT: 13.70 min Scan# 1060

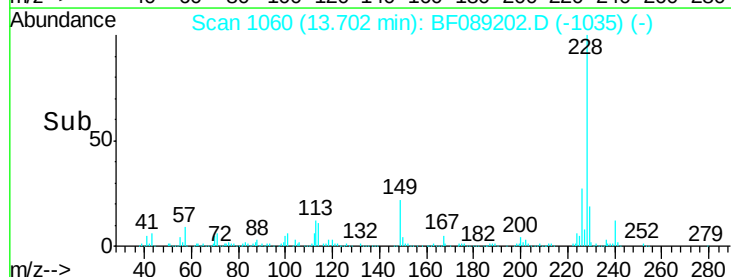
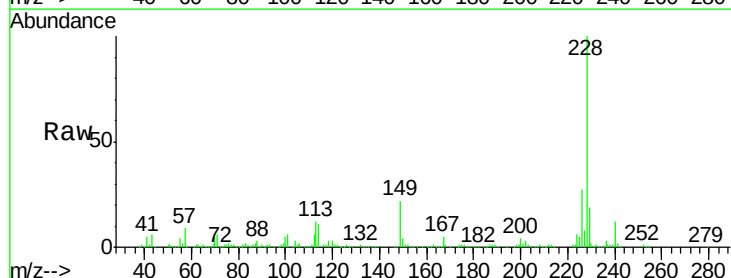
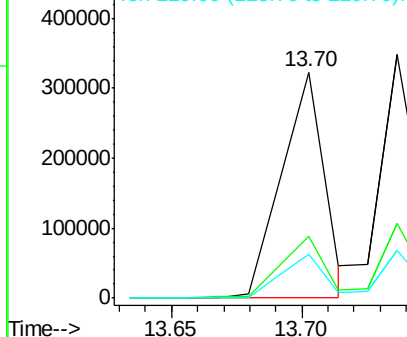
Delta R.T. -0.01 min

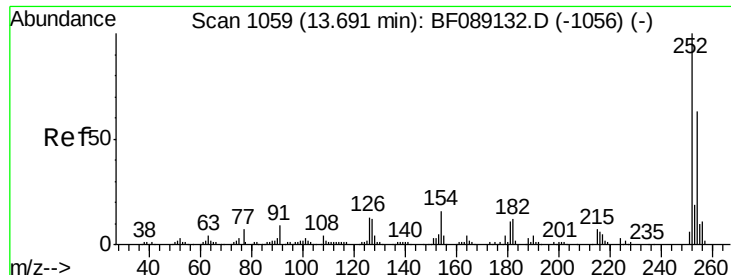
Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion:	228	Resp:	366949
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.8	32.8
229	19.3	15.8	23.8

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





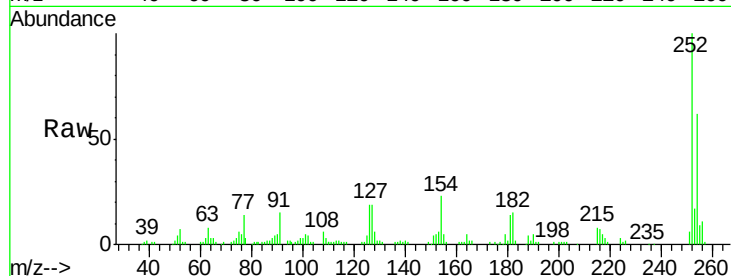
#81
 3,3'-Dichlorobenzidine
 Concen: 33.72 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

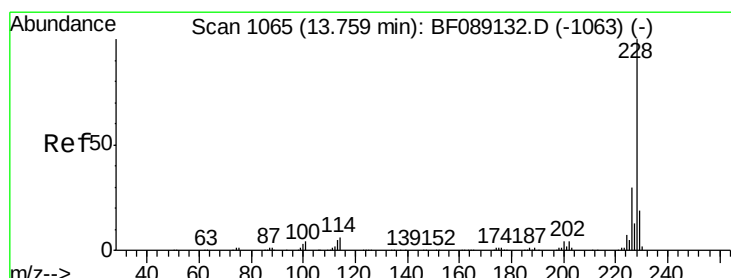
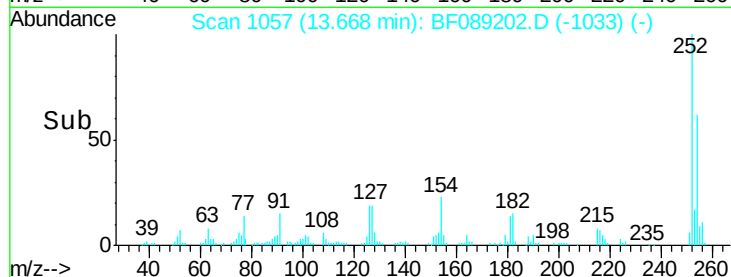
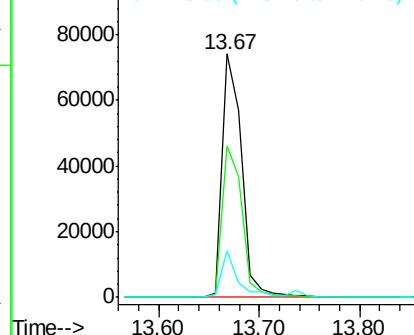
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.0	50.4	75.6
126	19.0	10.2	15.2

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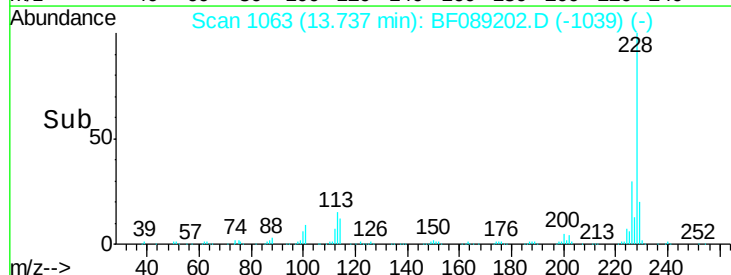
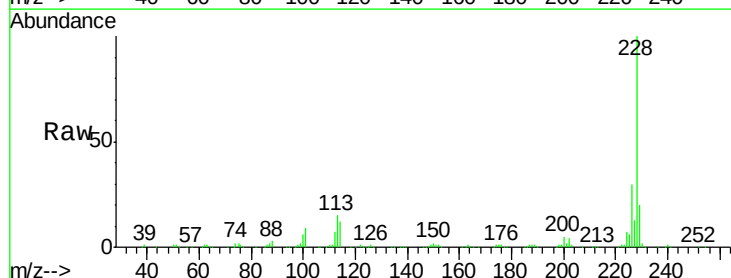
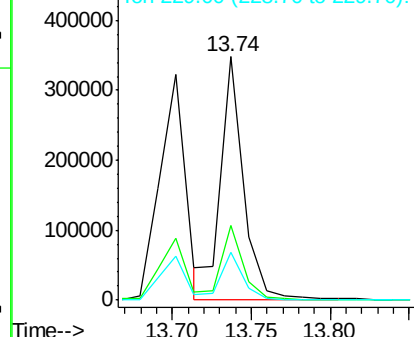
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

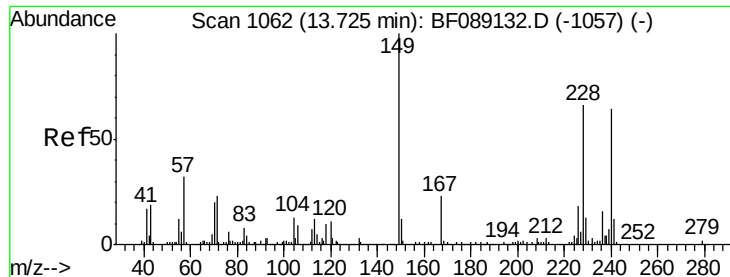


#82
 Chrysene
 Concen: 41.70 ng m
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	23.8	35.8
229	19.5	15.4	23.0

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.24 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

Tgt Ion:149 Resp: 311622
Ion Ratio Lower Upper

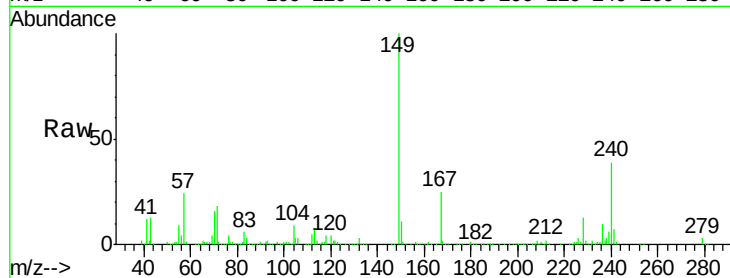
149 100

167 24.9 18.6 28.0

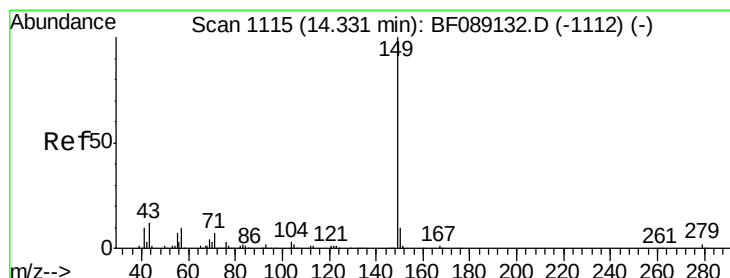
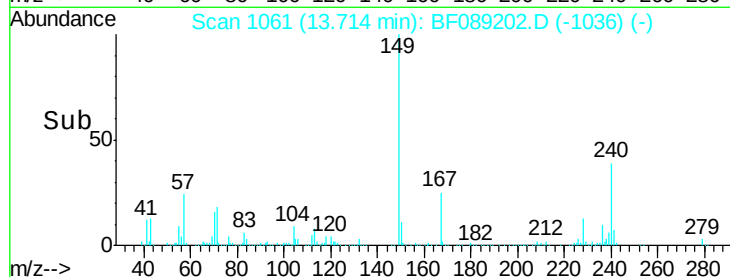
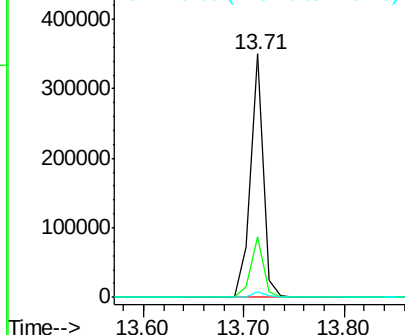
279 2.5 1.6 2.4#

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



#84

Di-n-octyl phthalate

Concen: 45.20 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF089202.D

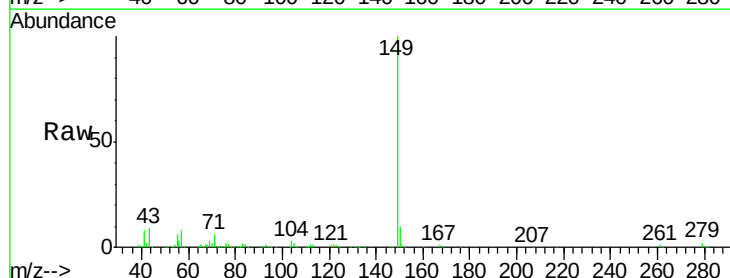
Acq: 22 Jul 2016 19:46

Tgt Ion:149 Resp: 481815
Ion Ratio Lower Upper

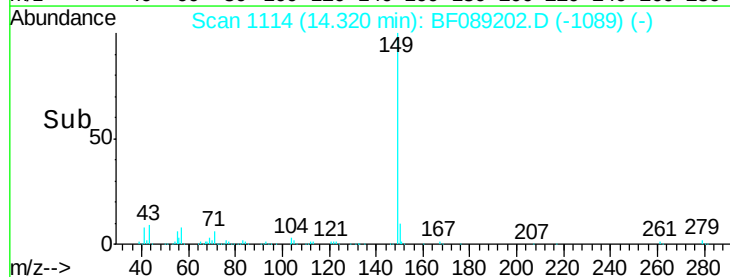
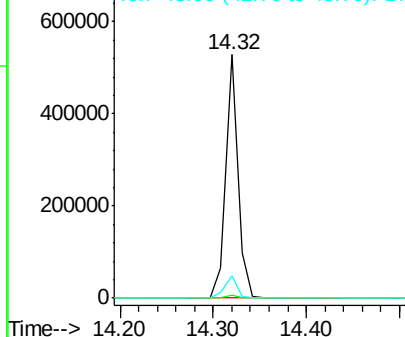
149 100

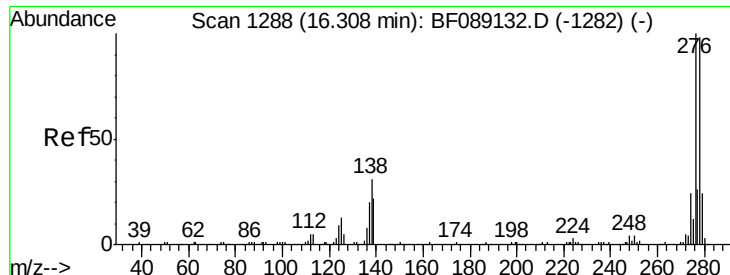
167 1.5 1.2 1.8

43 10.1 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





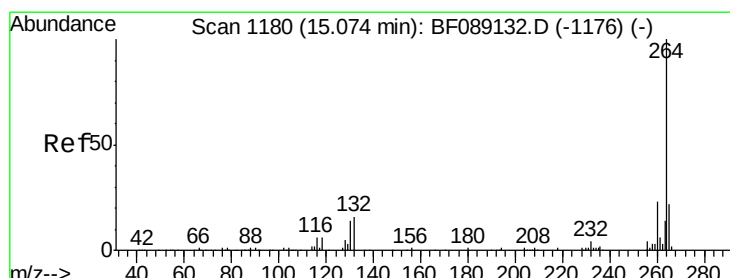
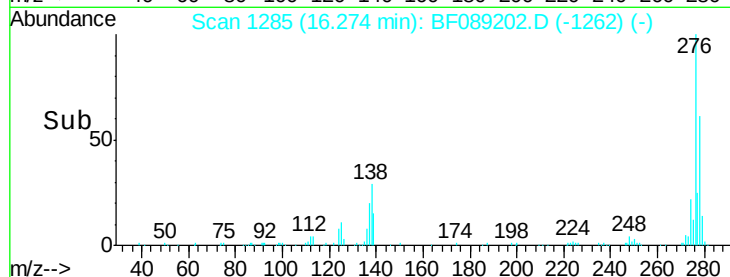
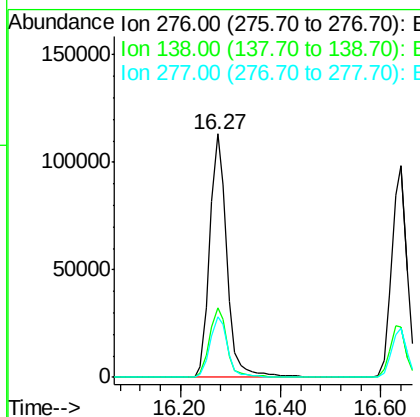
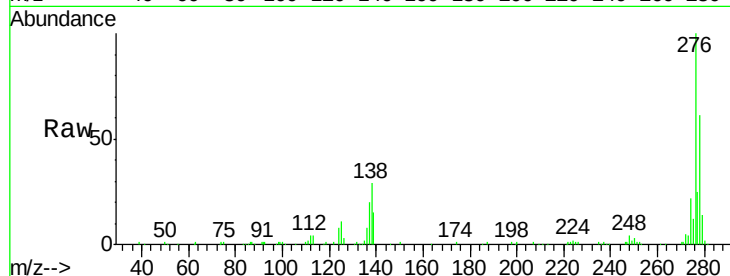
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.62 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.7	35.5
277	25.6	20.6	31.0

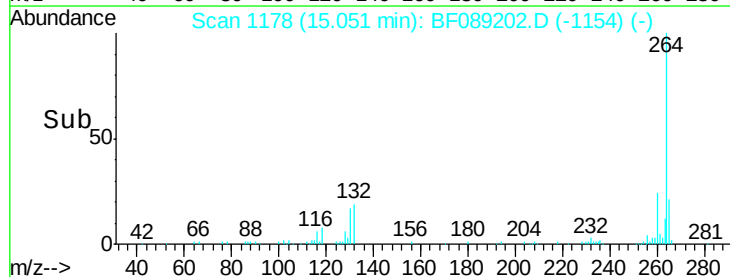
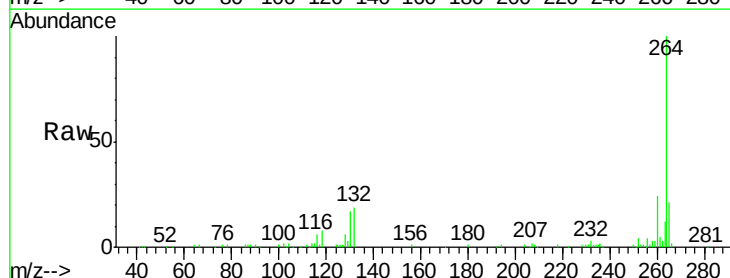
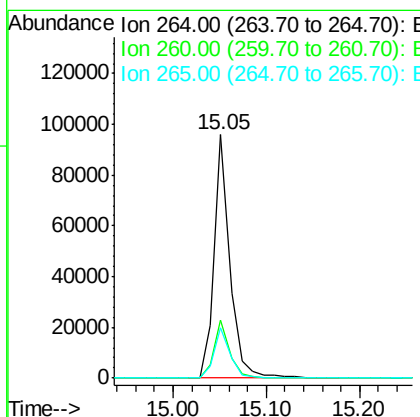
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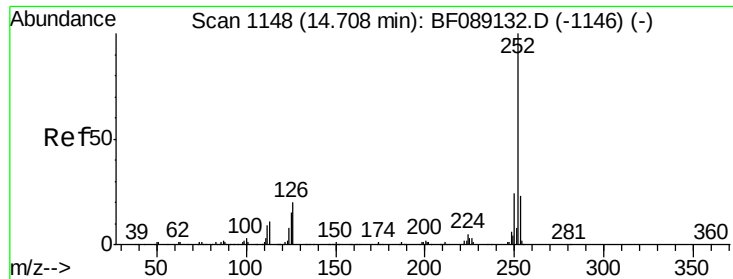
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	20.9	17.3	25.9





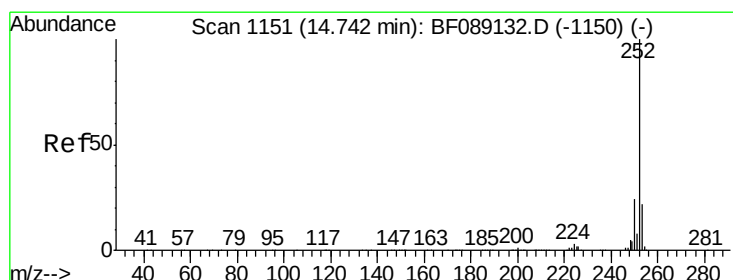
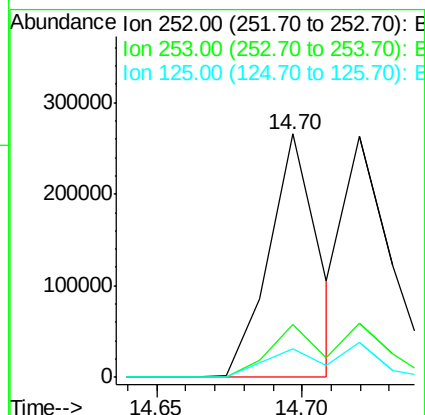
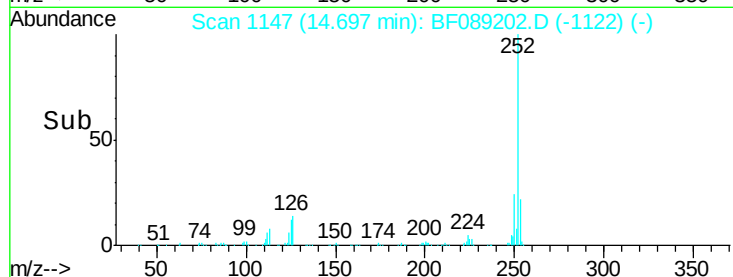
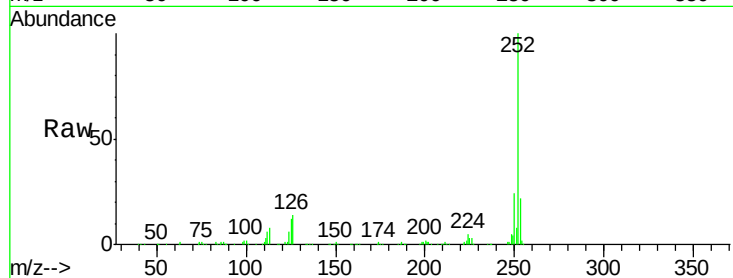
#87
Benzo(b)fluoranthene
Concen: 38.55 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	314505		
253	21.5	18.2	27.2	
125	11.8	11.9	17.9	

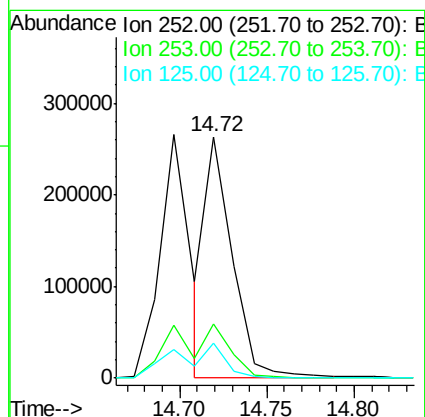
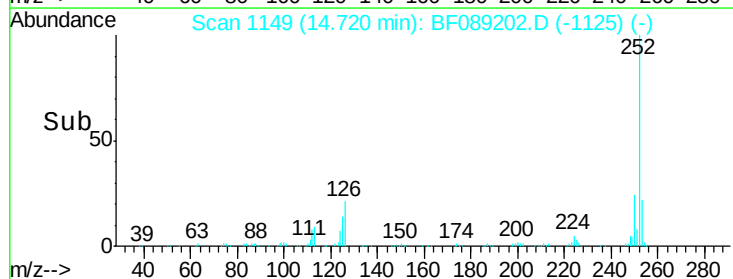
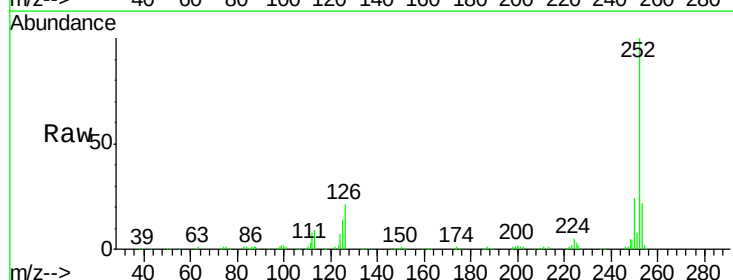
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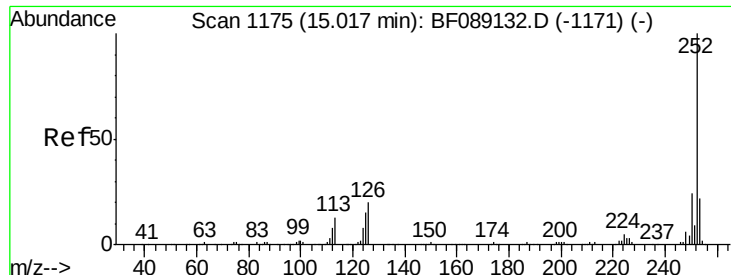
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#88
Benzo(k)fluoranthene
Concen: 49.20 ng m
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	287046		
253	22.5	17.3	25.9	
125	14.4	6.3	9.5	





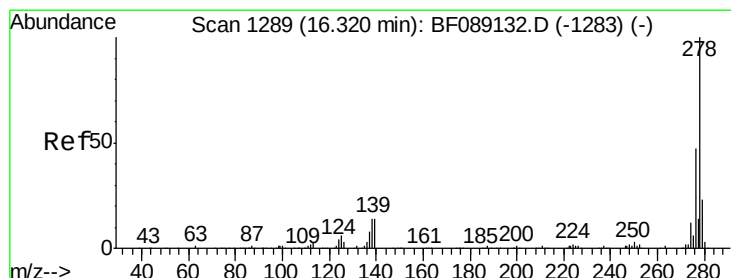
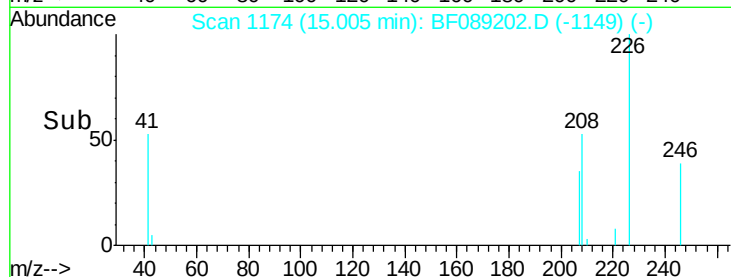
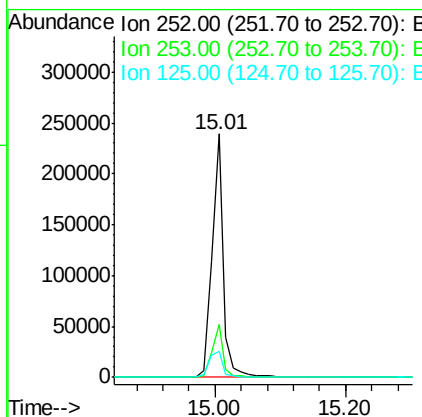
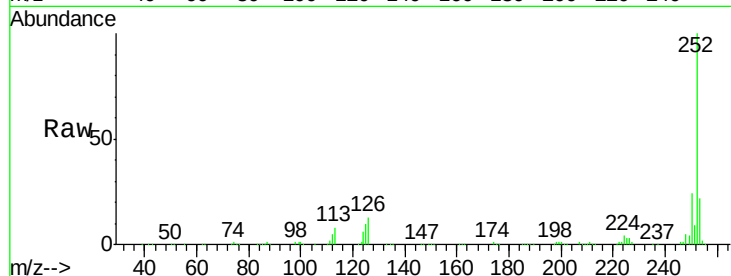
#89
Benzo(a)pyrene
Concen: 46.01 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	10.4	12.4	18.6

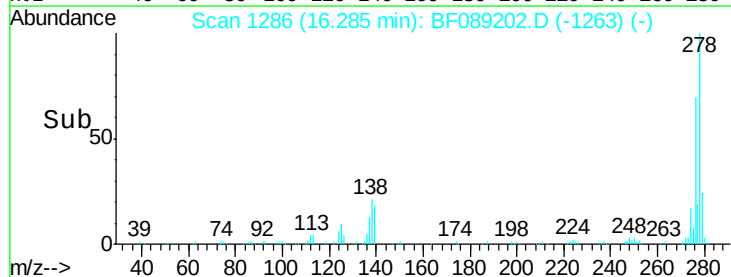
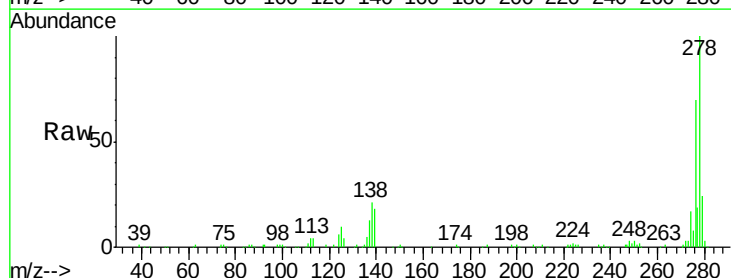
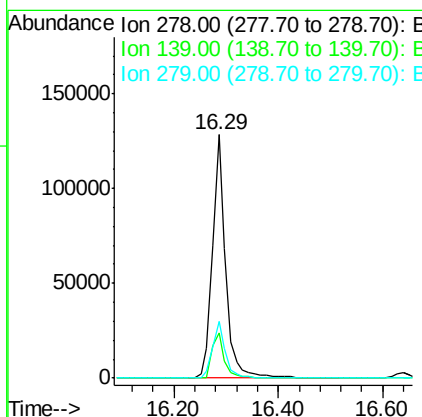
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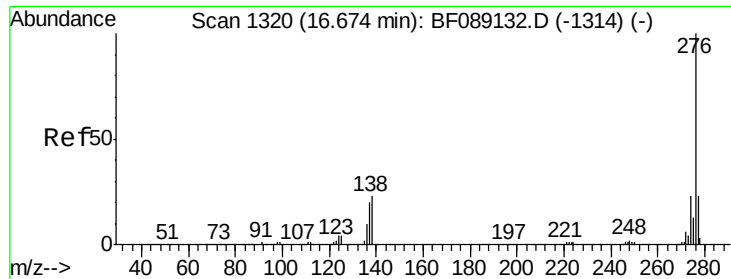
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#90
Dibenzo(a,h)anthracene
Concen: 45.31 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	11.4	17.2
279	23.5	18.4	27.6





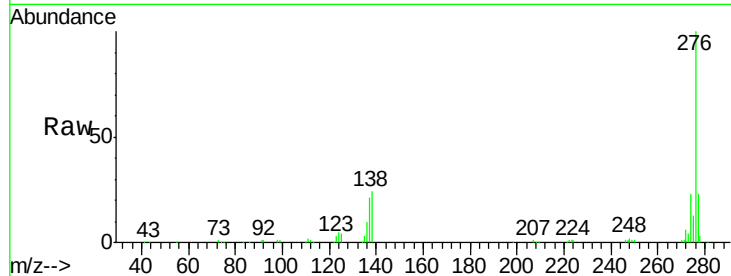
#91
 Benzo(g,h,i)perylene
 Concen: 43.60 ng
 RT: 16.64 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion:	276	Resp:	219871
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.5	27.7
138	23.8	18.5	27.7

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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

