

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090023.D
 Acq On : 8 Sep 2016 14:30
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 9/9/2016 8:38:14 AM

Quant Time: Sep 08 16:11:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	175511	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	704467	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	360912	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	722260	20.00	ng	0.00
75) Chrysene-d12	13.73	240	556202	20.00	ng	0.00
86) Perylene-d12	15.06	264	470703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	849338	77.46	ng	0.00
7) Phenol-d6	6.25	99	1028746	77.21	ng	0.00
23) Nitrobenzene-d5	7.18	82	930580	76.61	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	306508	86.08	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1700813	77.36	ng	0.00
78) Terphenyl-d14	12.68	244	1682161	74.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	196153	37.76	ng	97
3) Pyridine	2.66	79	473460	34.16	ng	97
4) n-Nitrosodimethylamine	2.62	42	256672	37.55	ng	99
6) Aniline	6.26	93	676219	37.20	ng	88
8) 2-Chlorophenol	6.39	128	494873	41.60	ng	97
9) Benzaldehyde	6.14	77	309372	35.99	ng	88
10) Phenol	6.26	94	569343	36.75	ng	93
11) bis(2-Chloroethyl)ether	6.34	93	480496	40.98	ng	97
12) 1,3-Dichlorobenzene	6.54	146	514171m	38.70	ng	
13) 1,4-Dichlorobenzene	6.62	146	547092	40.25	ng	98
14) 1,2-Dichlorobenzene	6.78	146	515126	42.27	ng	96
15) Benzyl Alcohol	6.75	79	329346	39.46	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	865909	38.73	ng	88
17) 2-Methylphenol	6.88	107	377881	39.78	ng	99
18) Hexachloroethane	7.12	117	182908	39.28	ng	# 86
19) n-Nitroso-di-n-propylamine	7.04	70	334366	38.51	ng	97
20) 3+4-Methylphenols	7.04	107	471690	40.96	ng	# 73
22) Acetophenone	7.03	105	654830	41.43	ng	# 92
24) Nitrobenzene	7.20	77	501237	38.81	ng	# 74
25) Isophorone	7.44	82	916873	37.12	ng	99
26) 2-Nitrophenol	7.51	139	269303	43.63	ng	98
27) 2,4-Dimethylphenol	7.56	122	447147	39.16	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	572069	38.40	ng	99
29) 2,4-Dichlorophenol	7.76	162	422565	41.28	ng	91
30) 1,2,4-Trichlorobenzene	7.84	180	459166	41.03	ng	99
31) Naphthalene	7.91	128	1271843	36.24	ng	100
32) Benzoic acid	7.71	122	345883	44.96	ng	89
33) 4-Chloroaniline	7.96	127	589450	41.63	ng	96
34) Hexachlorobutadiene	8.03	225	252030	38.43	ng	98
35) Caprolactam	8.35	113	129643	40.12	ng	# 77
36) 4-Chloro-3-methylphenol	8.46	107	432754	39.92	ng	# 82
37) 2-Methylnaphthalene	8.60	142	927069	39.97	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	420964	39.82	ng	99
40) Hexachlorocyclopentadiene	8.76	237	234540	43.26	ng	98

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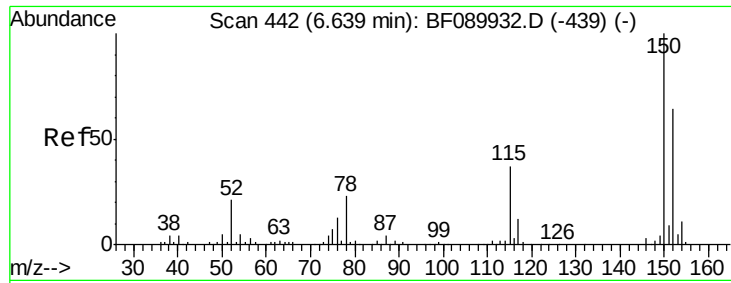
Manual Integrations
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Sohil
 9/9/2016 8:38:14 AM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	295287	40.30	ng	96
43) 2,4,5-Trichlorophenol	8.92	196	335097	47.56	ng #	92
45) 1,1'-Biphenyl	9.07	154	1209717	41.63	ng	95
46) 2-Chloronaphthalene	9.08	162	814879	39.64	ng	98
47) 2-Nitroaniline	9.19	65	284241	42.30	ng	89
48) Acenaphthylene	9.50	152	1350706	39.74	ng	100
49) Dimethylphthalate	9.38	163	1065649	40.85	ng	97
50) 2,6-Dinitrotoluene	9.44	165	248457	42.82	ng #	67
51) Acenaphthene	9.67	154	870489	40.42	ng	99
52) 3-Nitroaniline	9.60	138	276409	41.77	ng	91
53) 2,4-Dinitrophenol	9.70	184	139651	45.85	ng #	85
54) Dibenzofuran	9.84	168	1131961	39.22	ng	99
55) 4-Nitrophenol	9.77	139	219650	44.01	ng #	75
56) 2,4-Dinitrotoluene	9.83	165	299126	40.66	ng #	80
57) Fluorene	10.18	166	932228	44.21	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	277003	45.92	ng	92
59) Diethylphthalate	10.07	149	937403	38.20	ng	99
60) 4-Chlorophenyl-phenylether	10.18	204	430375	43.37	ng #	91
61) 4-Nitroaniline	10.22	138	289708	44.56	ng	97
62) Azobenzene	10.34	77	954181	38.93	ng	83
64) 4,6-Dinitro-2-methylphenol	10.24	198	202864	43.87	ng #	74
65) n-Nitrosodiphenylamine	10.30	169	832189	38.33	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	302775	41.64	ng	98
67) Hexachlorobenzene	10.72	284	318544	38.35	ng	99
68) Atrazine	10.83	200	305285	42.11	ng	96
69) Pentachlorophenol	10.91	266	206002	46.10	ng	98
70) Phenanthrene	11.13	178	1337482	37.19	ng	99
71) Anthracene	11.18	178	1497593	41.05	ng	99
72) Carbazole	11.34	167	1369281	40.03	ng	99
73) Di-n-butylphthalate	11.69	149	1607002	40.31	ng #	98
74) Fluoranthene	12.31	202	1541920	40.91	ng	98
76) Benzidine	12.44	184	896584	42.55	ng	96
77) Pyrene	12.54	202	1548290	39.48	ng	99
79) Butylbenzylphthalate	13.16	149	631008	39.90	ng	99
80) Benzo(a)anthracene	13.71	228	1303925	38.28	ng	99
81) 3,3'-Dichlorobenzidine	13.69	252	557604	45.35	ng #	96
82) Chrysene	13.75	228	1209203	38.00	ng	100
83) Bis(2-ethylhexyl)phthalate	13.74	149	850453	38.88	ng	100
84) Di-n-octyl phthalate	14.34	149	1447884	41.01	ng	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	942986	40.08	ng	99
87) Benzo(b)fluoranthene	14.71	252	1325692m	44.96	ng	
88) Benzo(k)fluoranthene	14.73	252	859955m	34.37	ng	
89) Benzo(a)pyrene	15.01	252	983658	38.94	ng #	96
90) Dibenzo(a,h)anthracene	16.30	278	766077	41.38	ng	98
91) Benzo(g,h,i)perylene	16.64	276	784408	42.10	ng	97

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



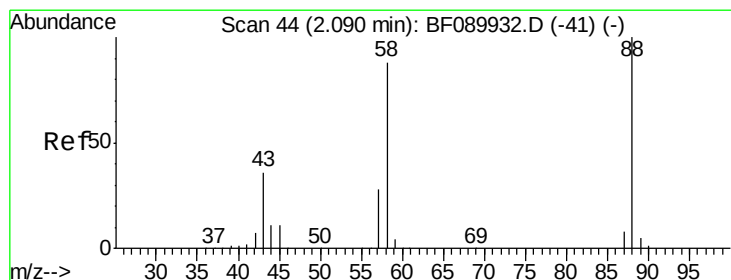
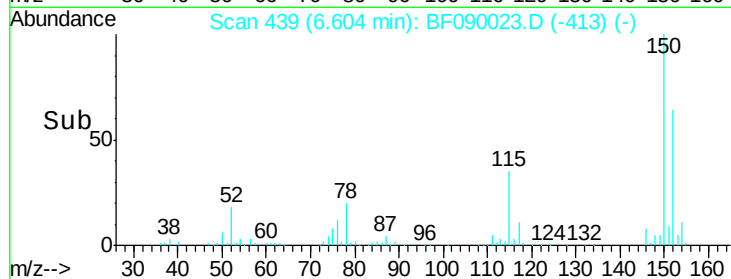
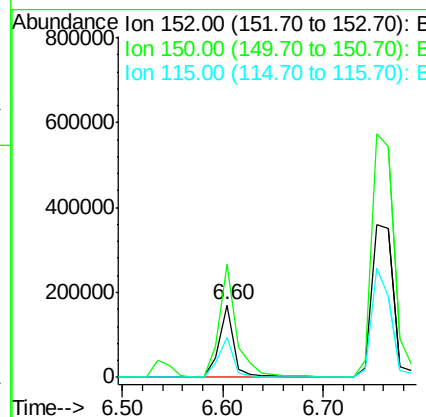
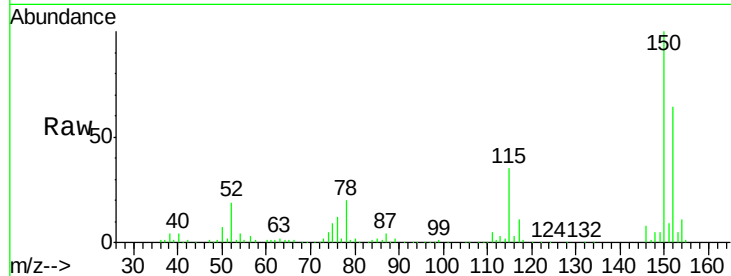
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.4	191.2
115	55.3	46.3	69.5

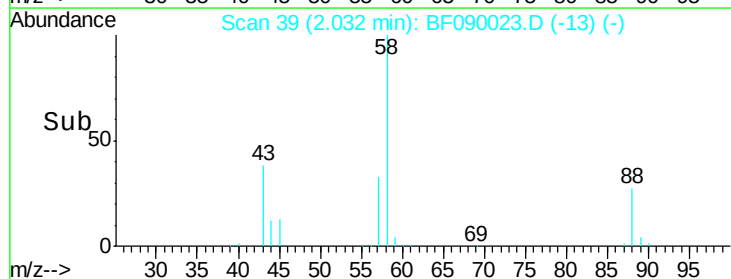
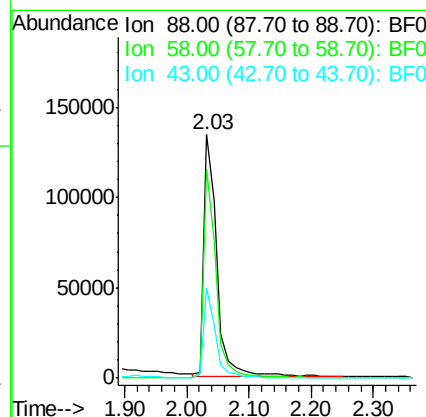
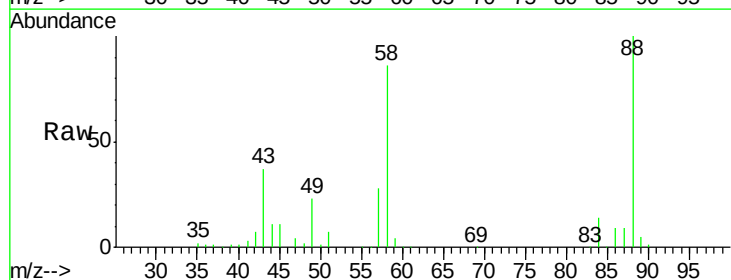
Manual Integrations
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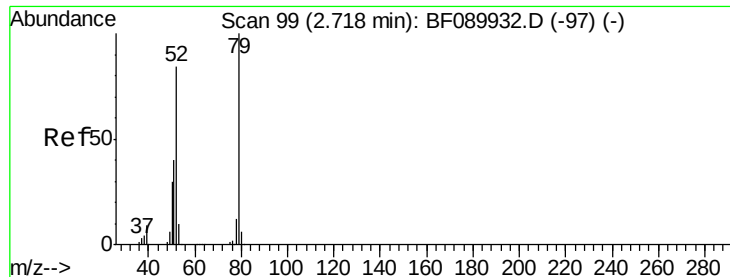
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 9/9/2016 8:38:14 AM



#2
 1,4-Dioxane
 Concen: 37.76 ng
 RT: 2.03 min Scan# 39
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.1	68.8	103.2
43	33.2	27.0	40.6





#3

Pyridine

Concen: 34.16 ng

RT: 2.66 min Scan# 94

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

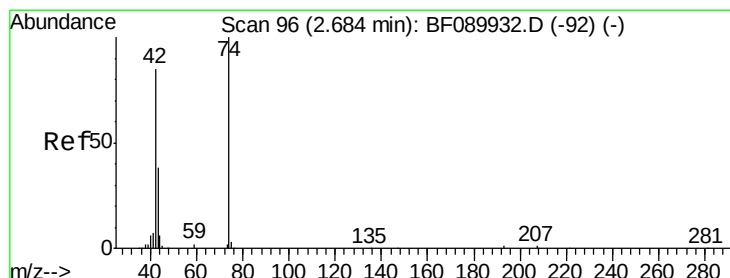
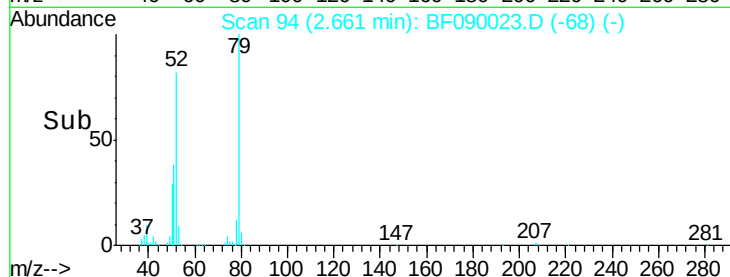
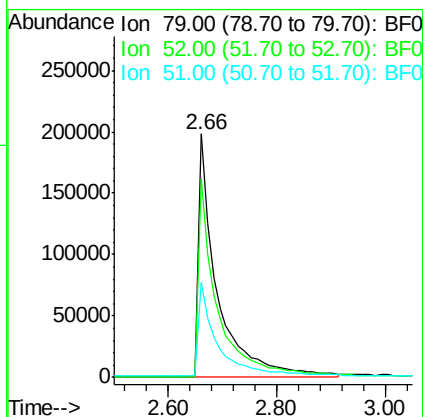
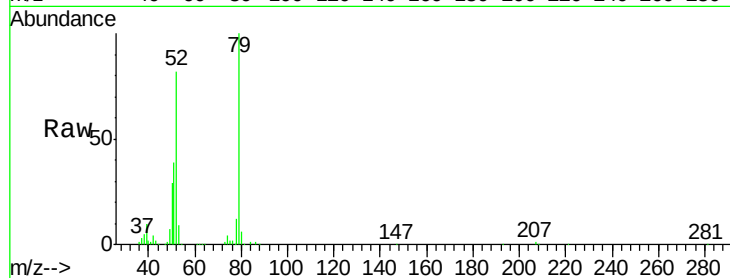
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	473460
Ion	Ratio	Lower	Upper
79	100		
52	81.7	67.8	101.6
51	39.1	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 37.55 ng

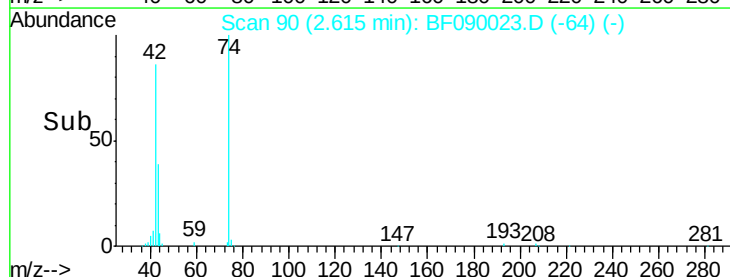
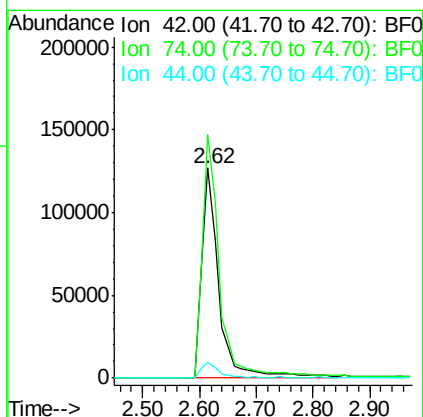
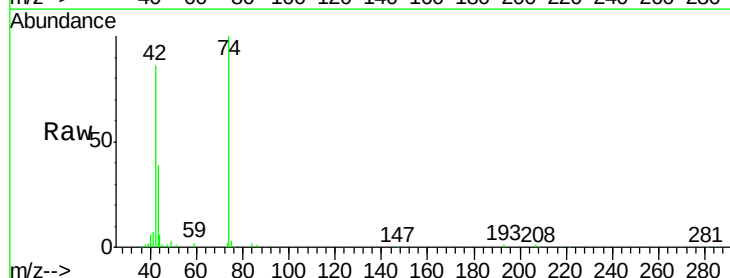
RT: 2.62 min Scan# 90

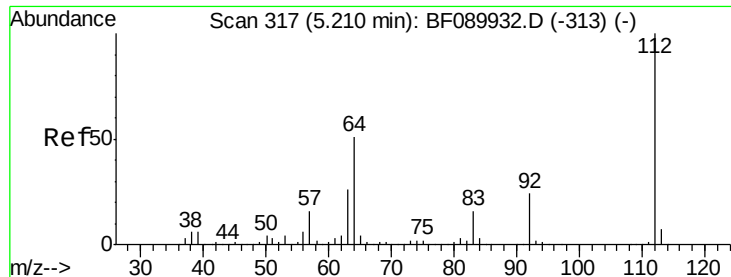
Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Tgt Ion:	42	Resp:	256672
Ion	Ratio	Lower	Upper
42	100		
74	116.1	92.0	138.0
44	7.5	5.8	8.8





#5

2-Fluorophenol

Concen: 77.46 ng

RT: 5.16 min Scan# 313

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 849338

Ion Ratio Lower Upper

112 100

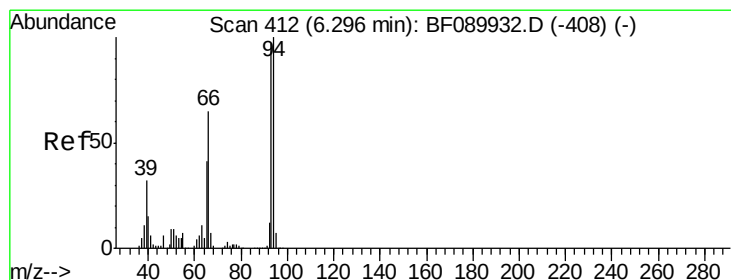
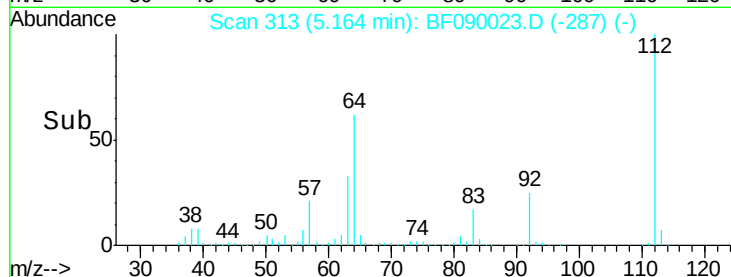
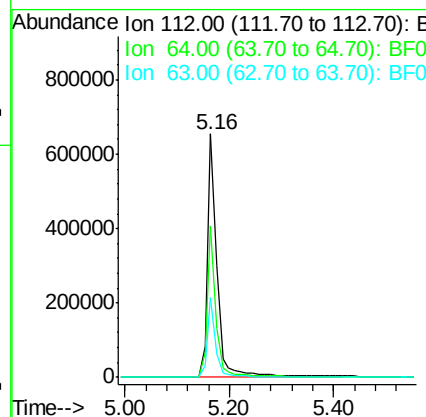
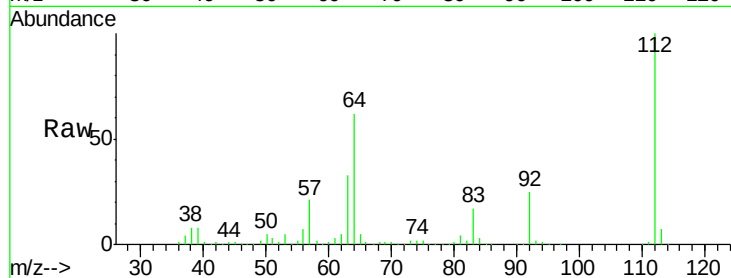
64 62.2 41.1 61.7#

63 32.5 21.2 31.8#

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#6

Aniline

Concen: 37.20 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

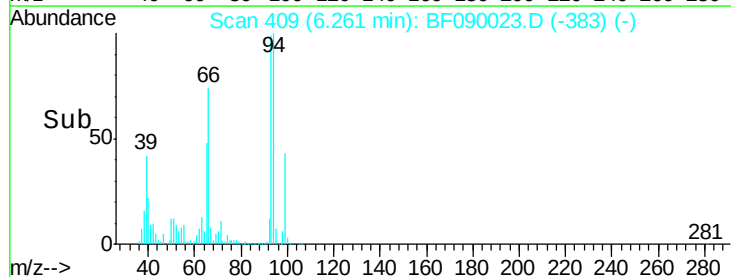
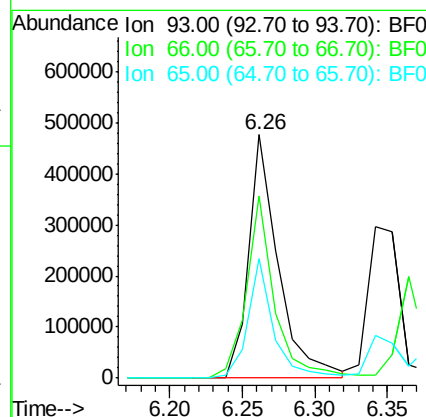
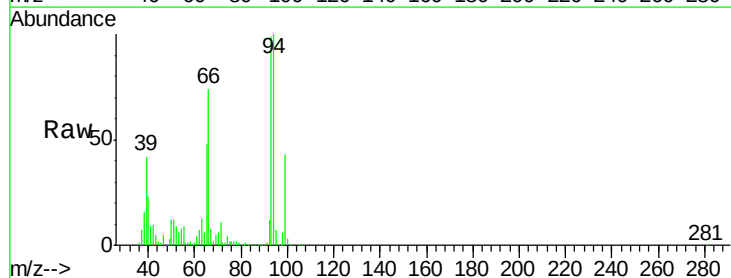
Tgt Ion: 93 Resp: 676219

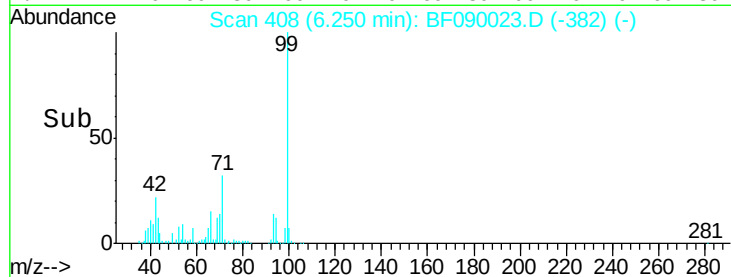
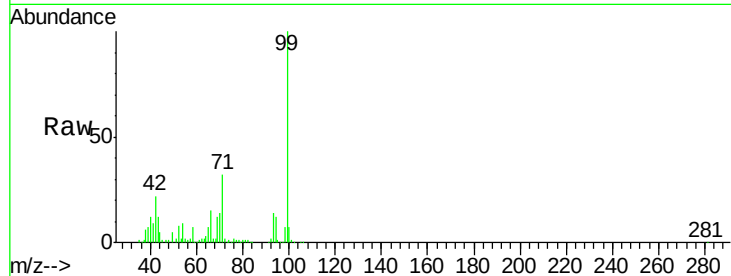
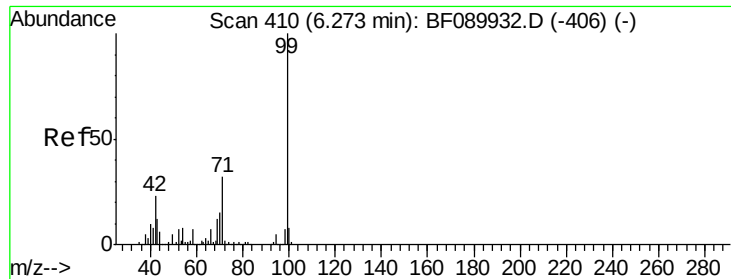
Ion Ratio Lower Upper

93 100

66 75.0 52.9 79.3

65 48.8 33.0 49.6





#7

Phenol-d6

Concen: 77.21 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Tgt Ion: 99 Resp: 1028746

Ion Ratio Lower Upper

99 100

42 22.4 18.6 27.8

71 31.6 25.8 38.6

Instrument :

BNA_F

ClientSampleId :

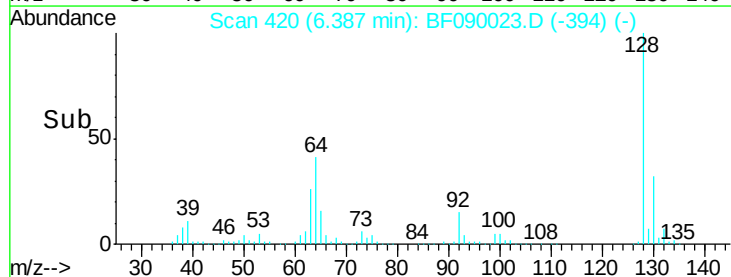
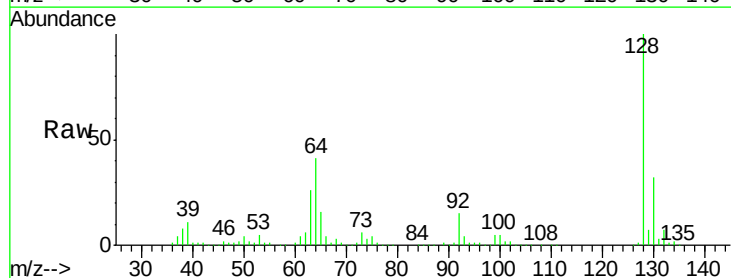
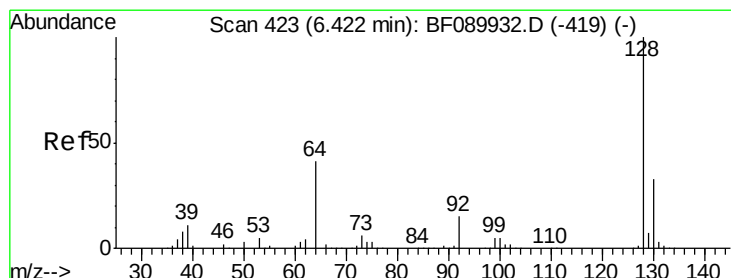
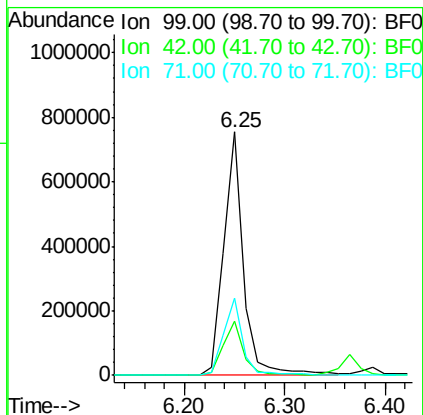
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#8

2-Chlorophenol

Concen: 41.60 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

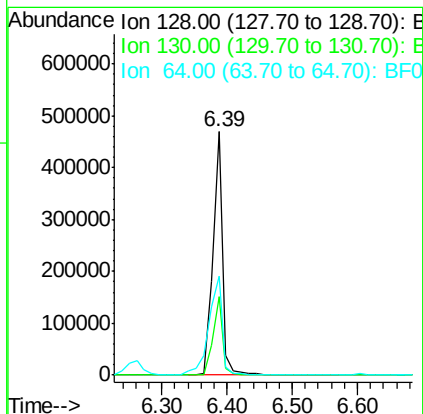
Tgt Ion: 128 Resp: 494873

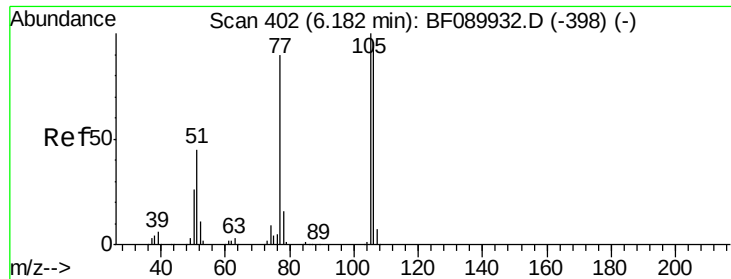
Ion Ratio Lower Upper

128 100

130 32.2 12.8 52.8

64 40.7 23.2 63.2





#9

Benzaldehyde

Concen: 35.99 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

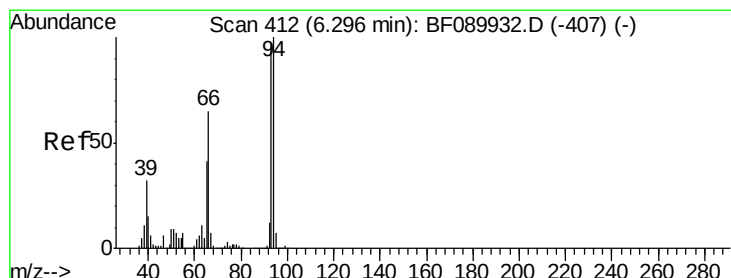
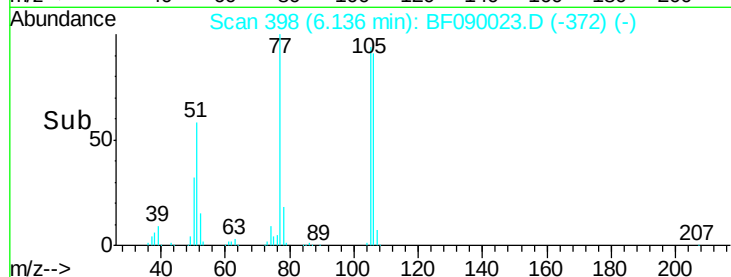
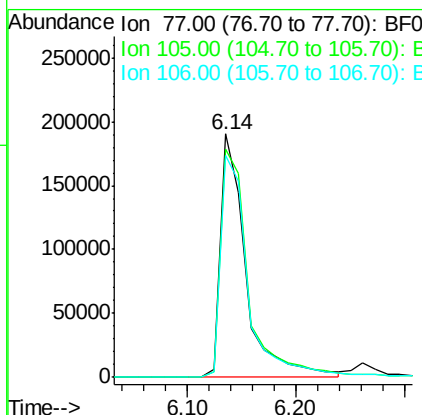
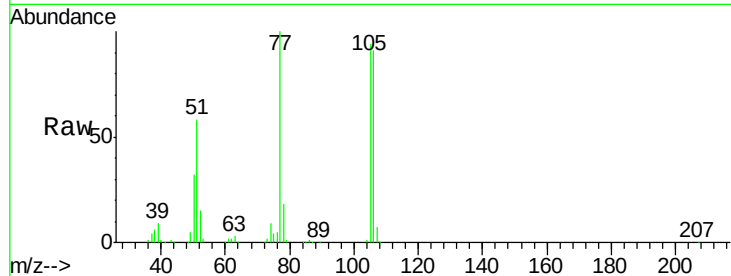
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	309372
Ion Ratio	Lower	Upper	
77	100		
105	93.9	85.4	125.4
106	91.3	83.4	123.4

Manual Integrations
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#10

Phenol

Concen: 36.75 ng

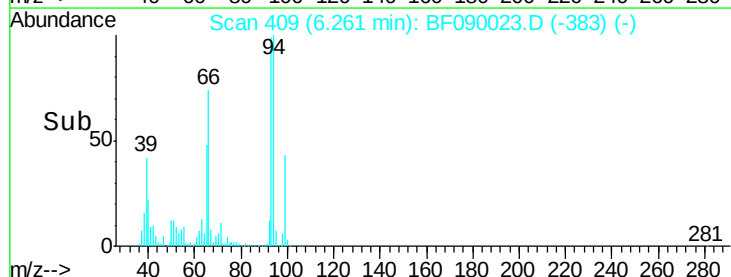
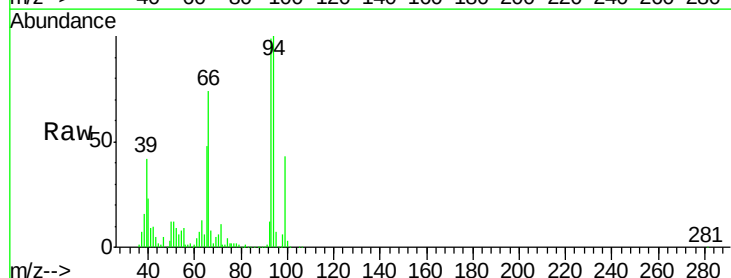
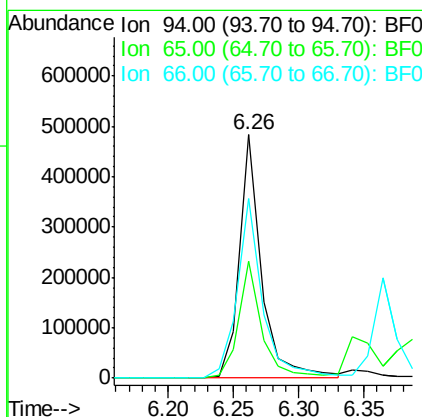
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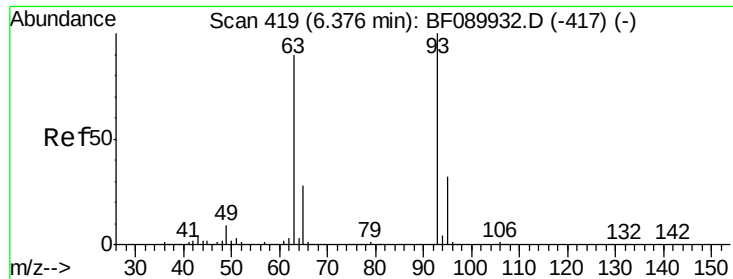
Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Tgt Ion:	94	Resp:	569343
Ion Ratio	Lower	Upper	
94	100		
65	48.1	23.2	63.2
66	73.9	49.2	89.2





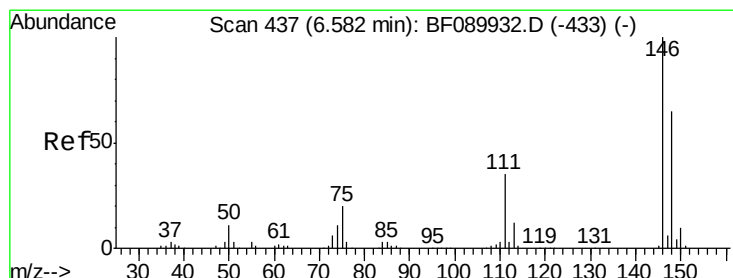
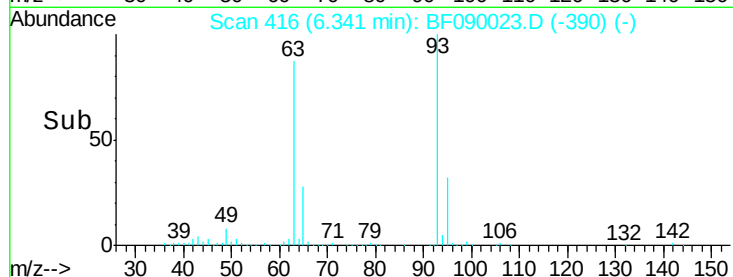
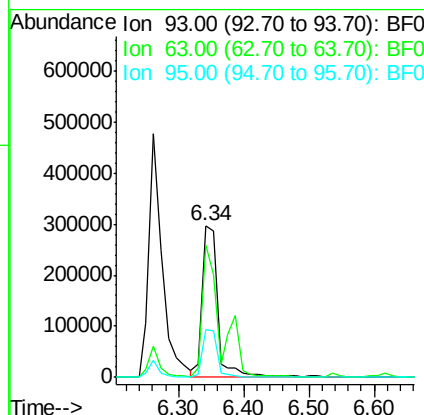
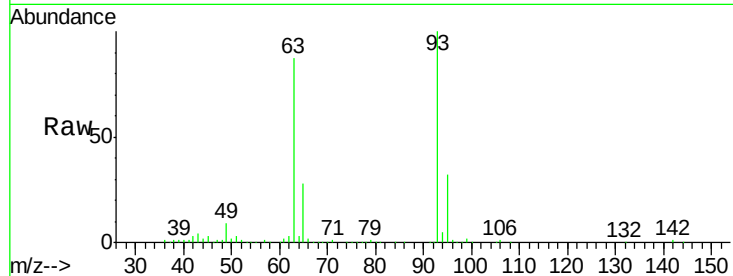
#11
bis(2-Chloroethyl)ether
Concen: 40.98 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	93	Resp:	480496
Ion Ratio	Lower	Upper	
93	100		
63	87.4	71.1	111.1
95	31.8	12.4	52.4

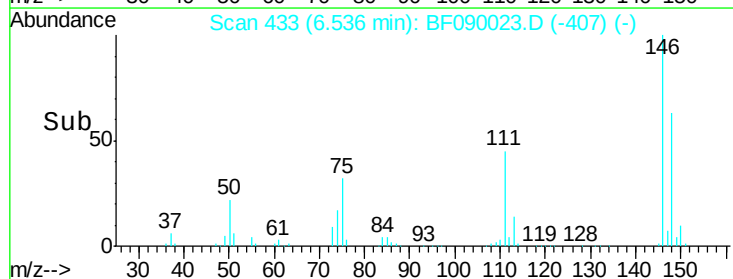
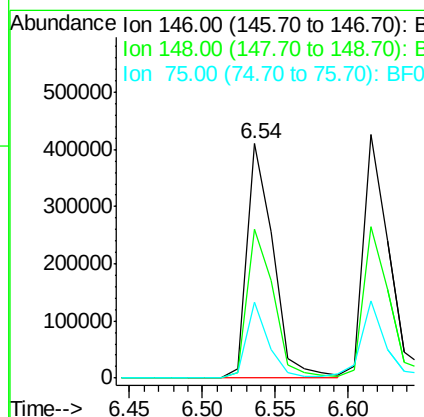
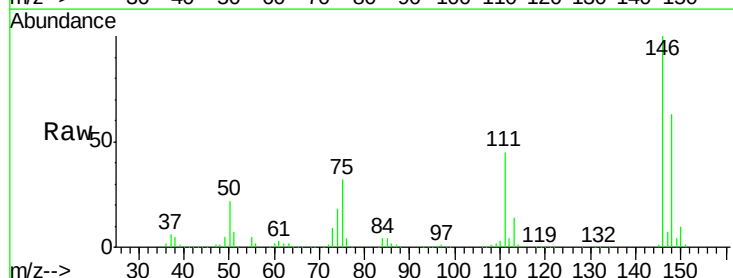
Manual Integrations
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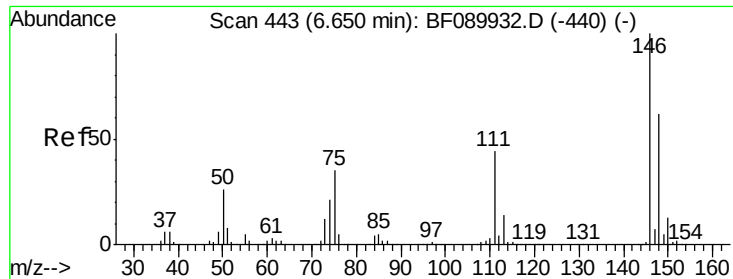
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.70 ng m
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion:	146	Resp:	514171
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.5	78.7
75	32.4	16.6	24.8#





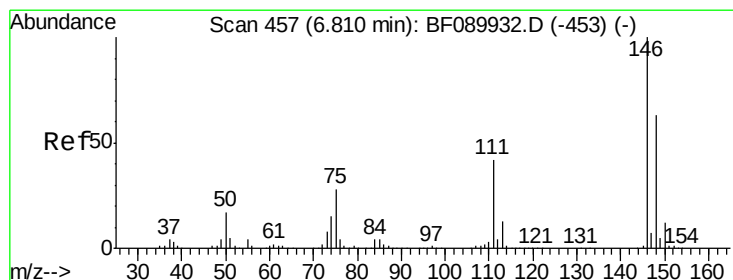
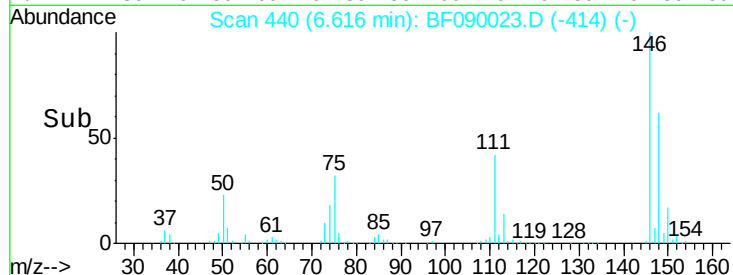
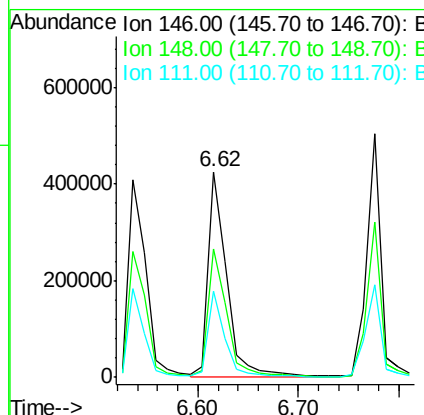
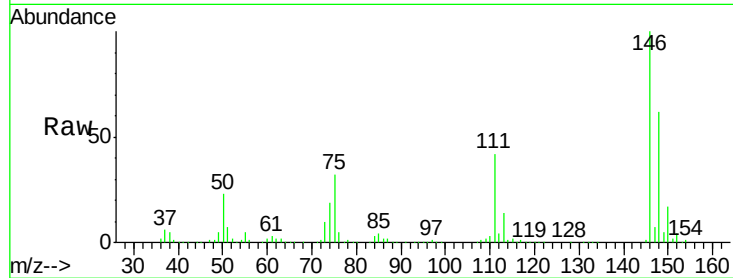
#13
1,4-Dichlorobenzene
Concen: 40.25 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.1	75.1
111	42.1	35.8	53.6

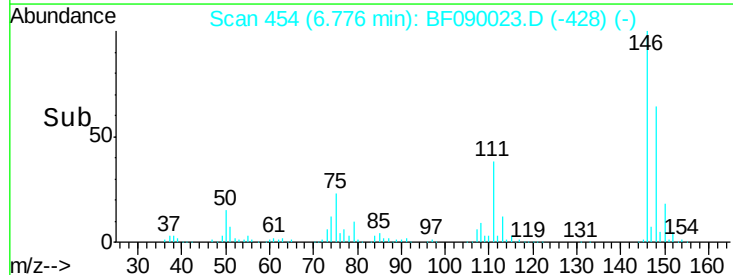
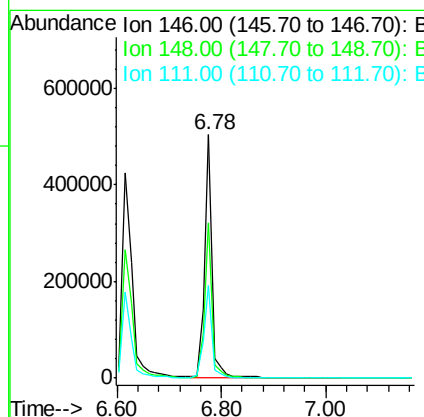
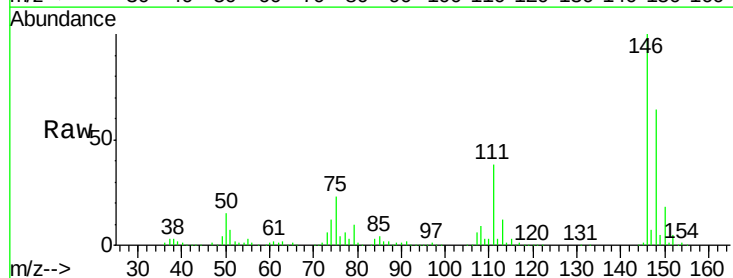
Manual Integrations
APPROVED

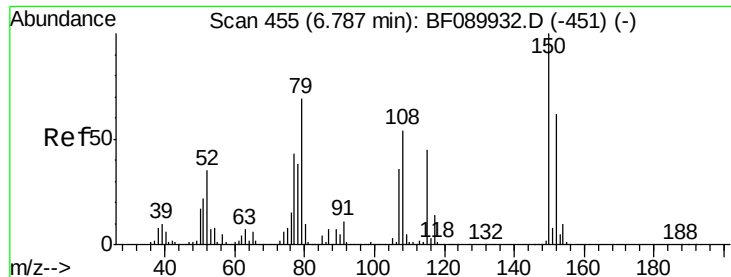
Sohil
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#14
1,2-Dichlorobenzene
Concen: 42.27 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	37.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 39.46 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

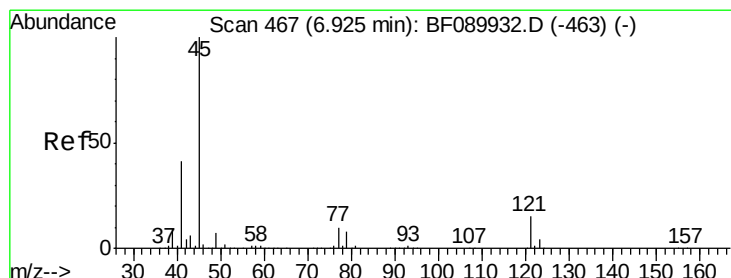
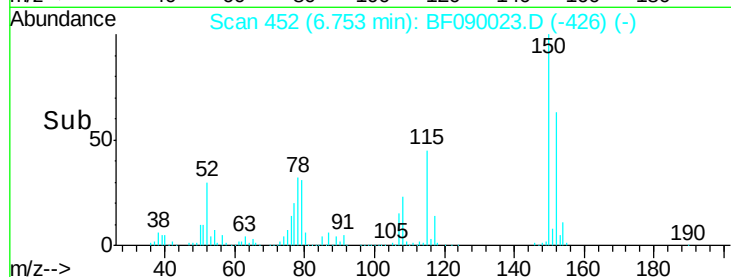
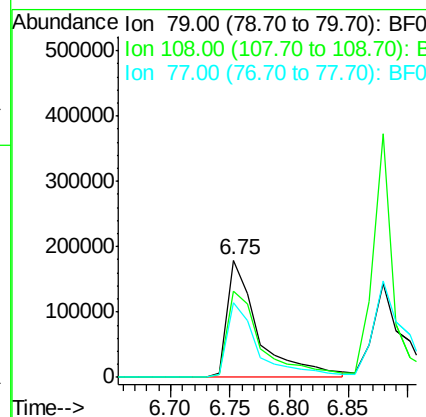
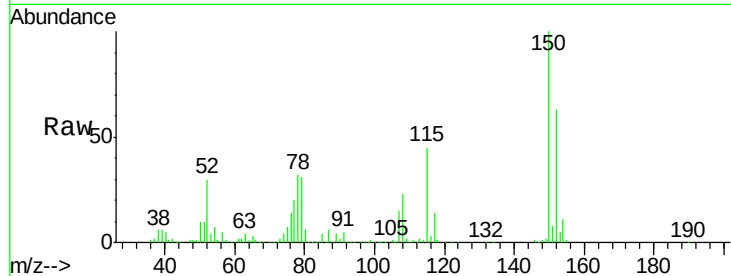
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	329346
Ion Ratio	Lower	Upper	
79	100		
108	73.3	62.1	93.1
77	63.8	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.73 ng

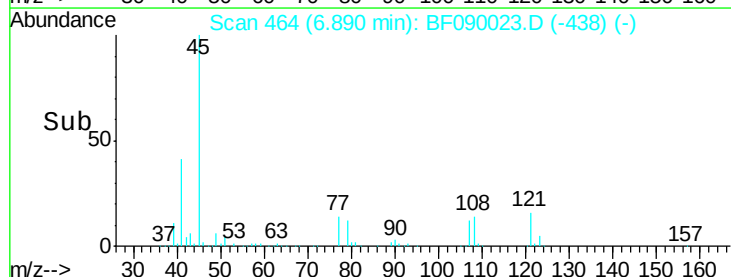
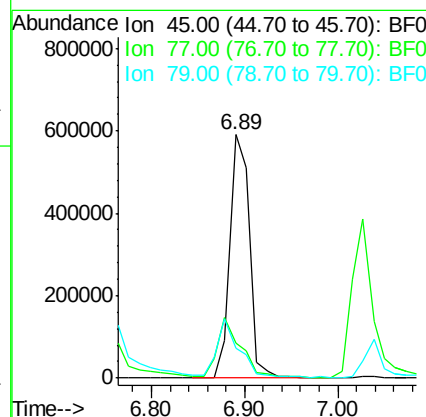
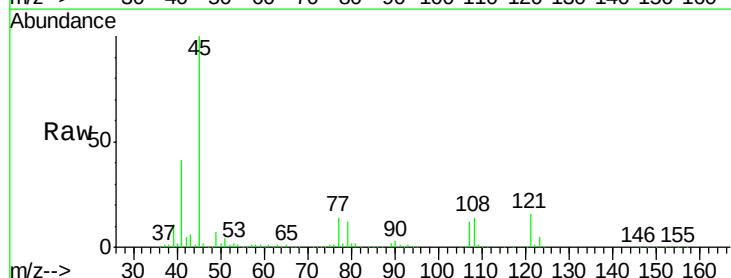
RT: 6.89 min Scan# 464

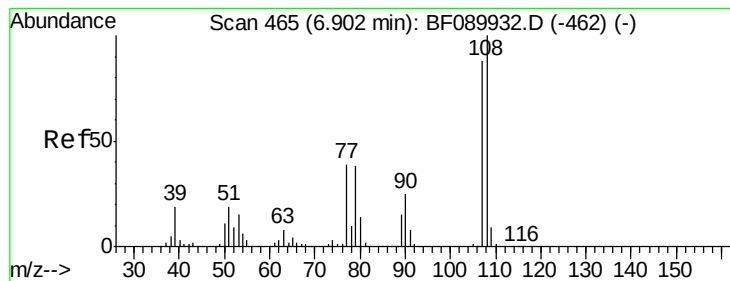
Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Tgt Ion:	45	Resp:	865909
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	30.3
79	12.1	0.0	27.5





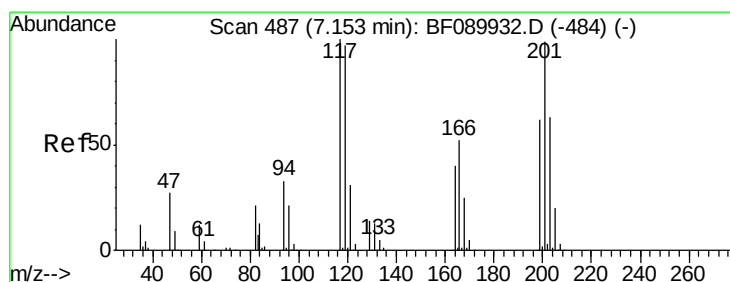
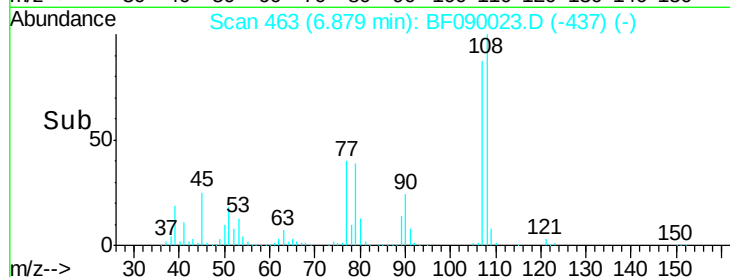
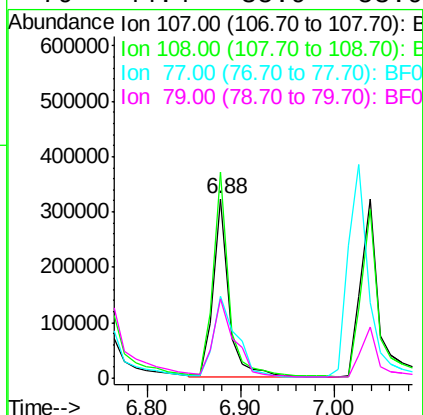
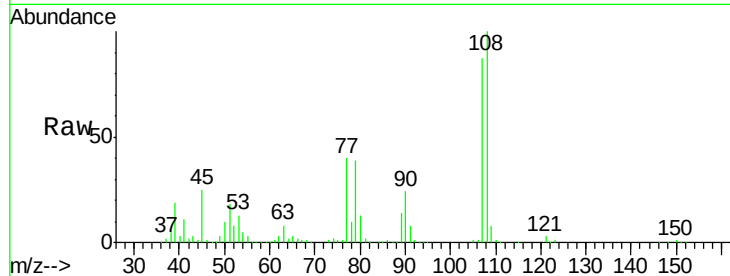
#17
2-Methylphenol
Concen: 39.78 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	377881		
108	115.1	91.8	137.6	
77	45.8	36.0	54.0	
79	44.4	35.9	53.9	

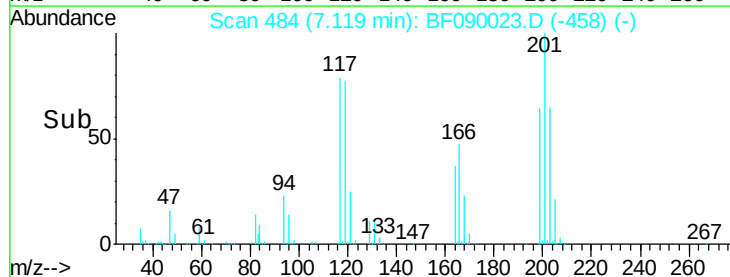
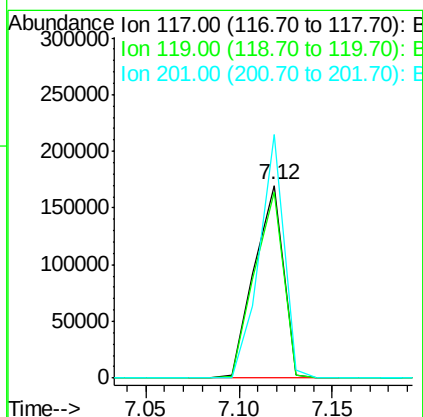
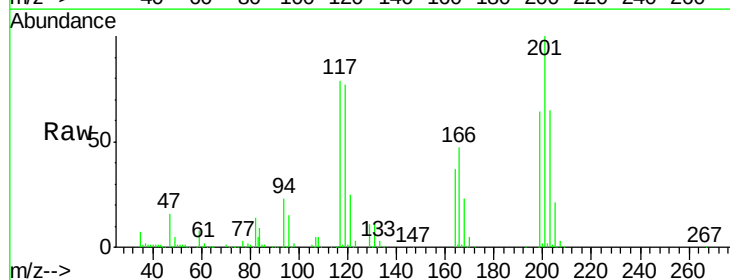
Manual Integrations
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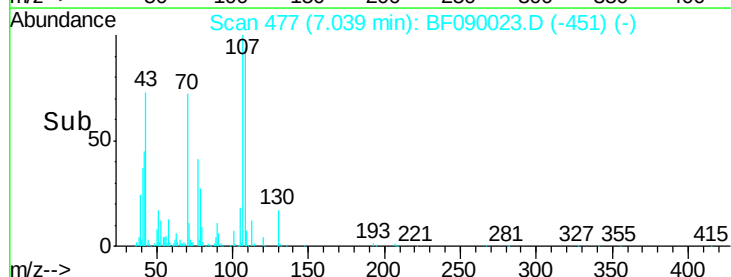
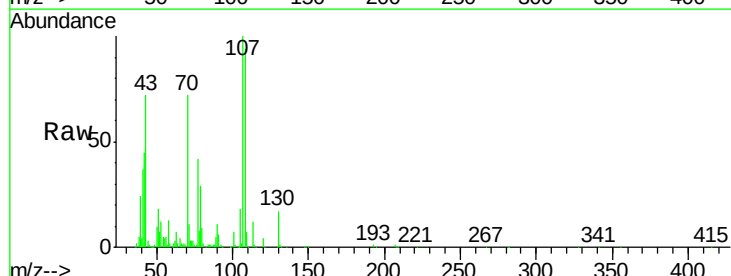
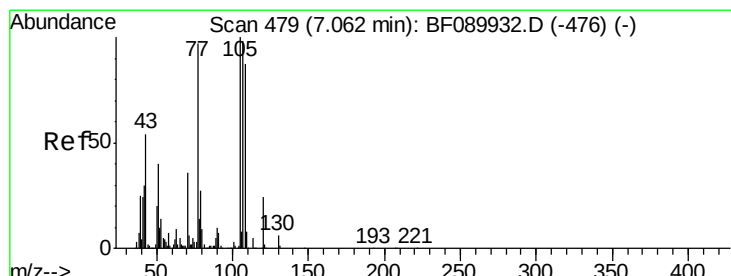
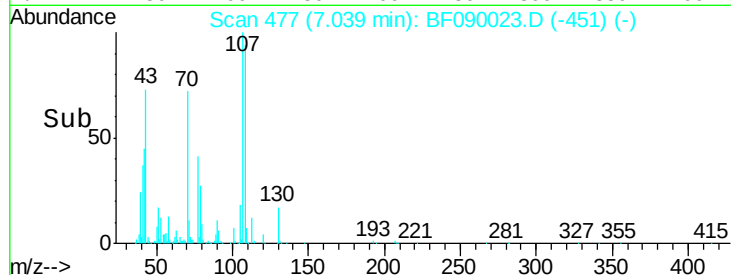
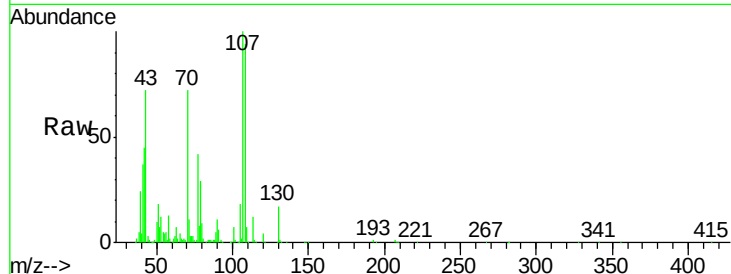
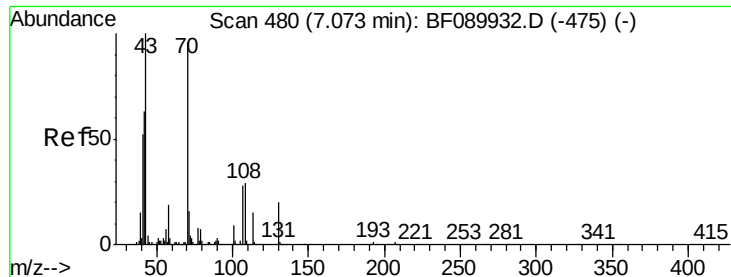
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#18
Hexachloroethane
Concen: 39.28 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

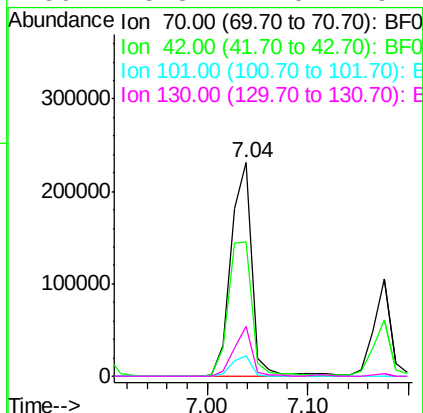
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	182908		
119	96.6	76.2	114.2	
201	126.3	80.2	120.2#	





#19
n-Nitroso-di-n-propylamine
Concen: 38.51 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.2	52.1	78.1
101	9.8	7.4	11.2
130	23.3	17.0	25.4



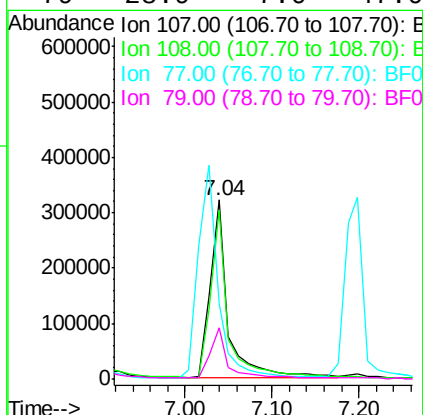
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

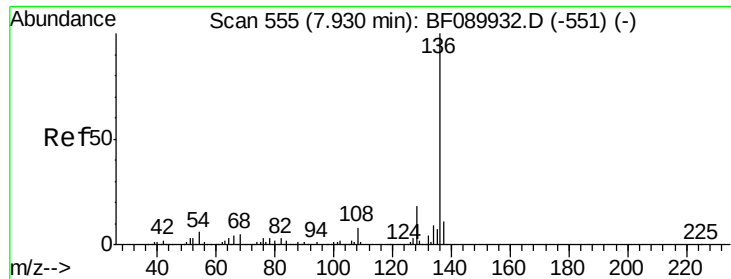
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#20
3+4-Methylphenols
Concen: 40.96 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.3	70.2	110.2
77	42.5	75.7	115.7#
79	28.9	7.0	47.0





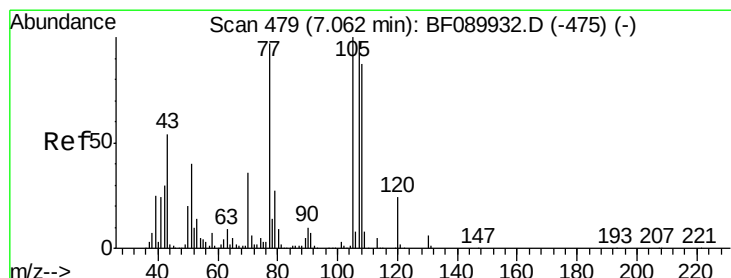
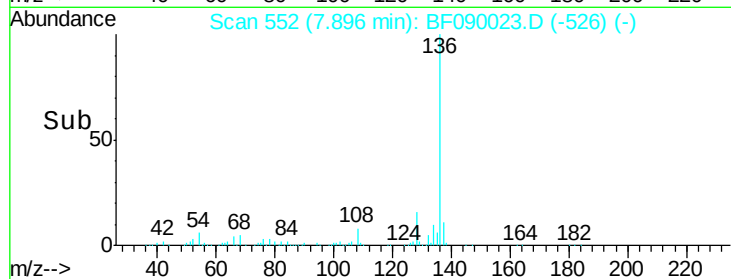
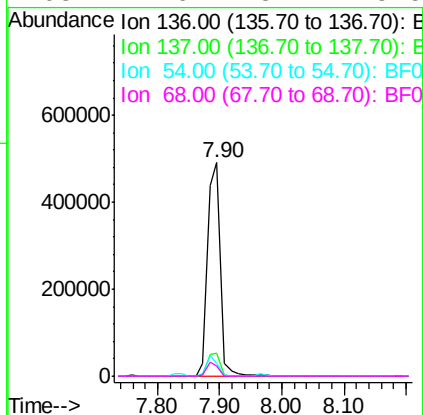
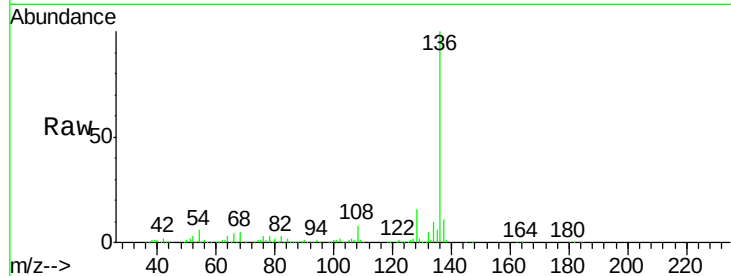
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	704467		
137	10.6	8.3	12.5	
54	6.1	4.8	7.2	
68	4.6	3.7	5.5	

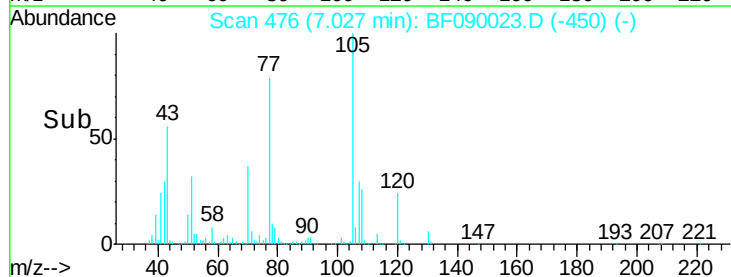
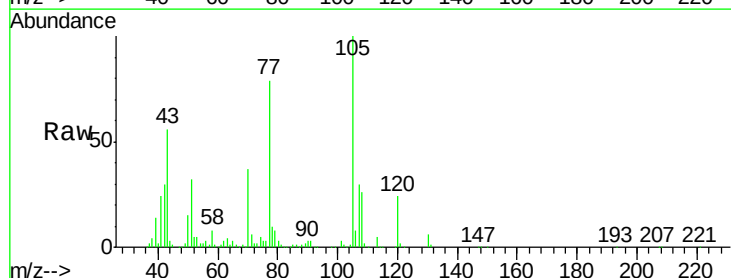
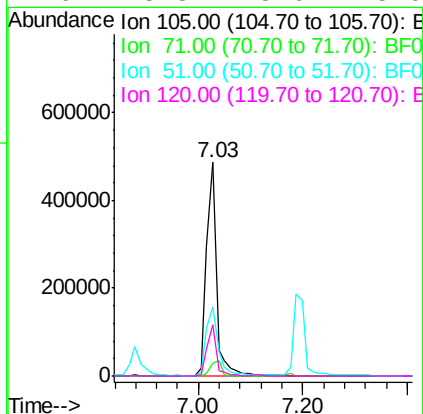
Manual Integrations
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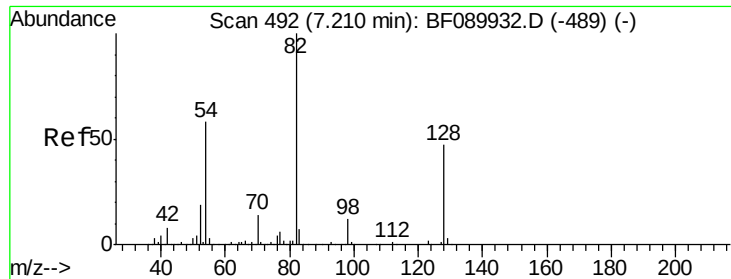
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#22
Acetophenone
Concen: 41.43 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	654830		
71	6.0	5.3	7.9	
51	32.2	32.6	48.8#	
120	23.8	18.6	28.0	





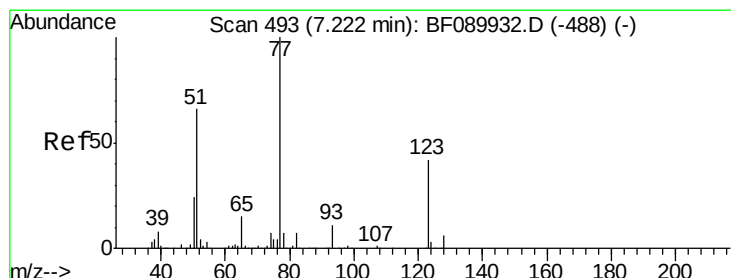
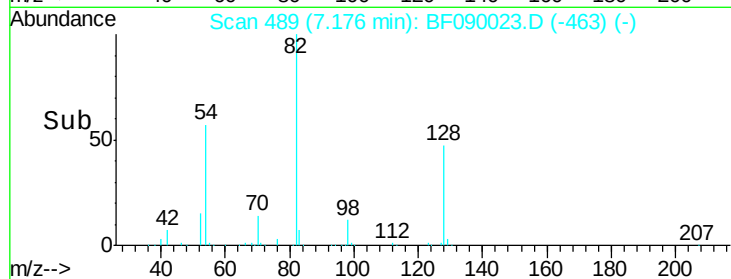
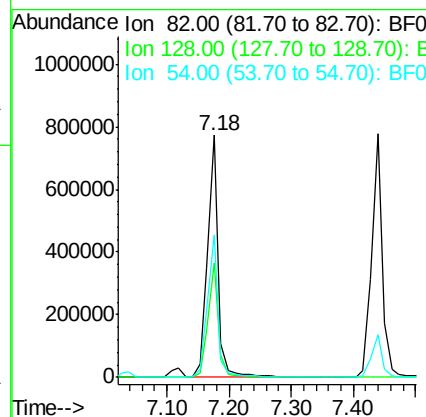
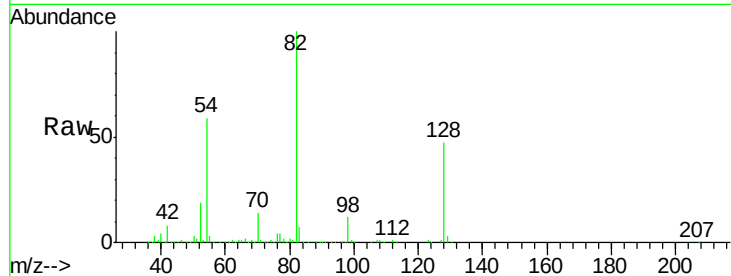
#23
 Nitrobenzene-d5
 Concen: 76.61 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.8	56.8
54	59.1	46.9	70.3

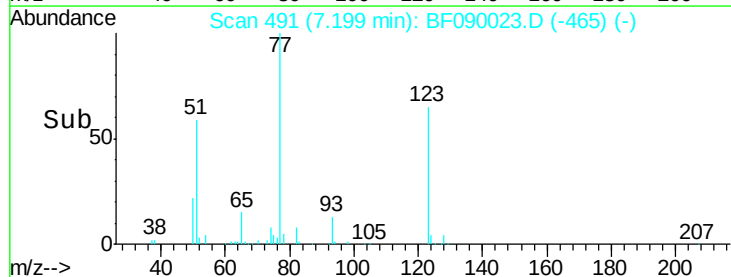
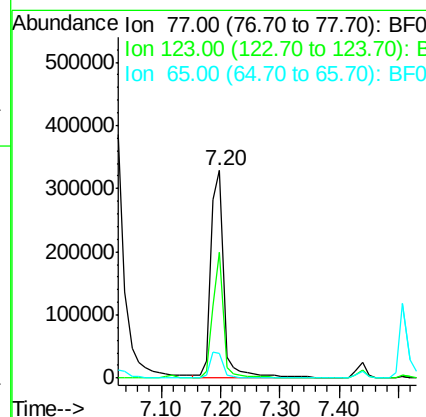
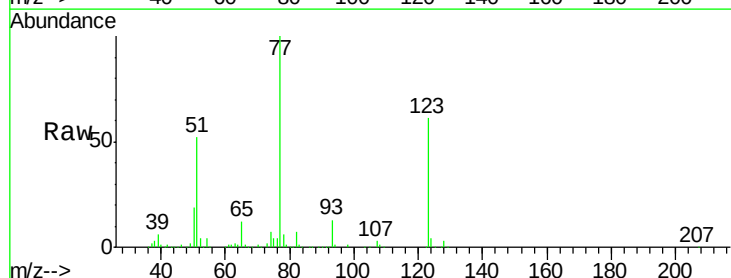
Manual Integrations
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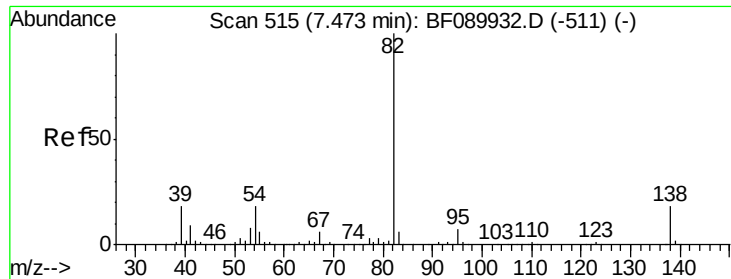
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#24
 Nitrobenzene
 Concen: 38.81 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	60.7	32.0	48.0#
65	12.2	11.2	16.8





#25

Isophorone

Concen: 37.12 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

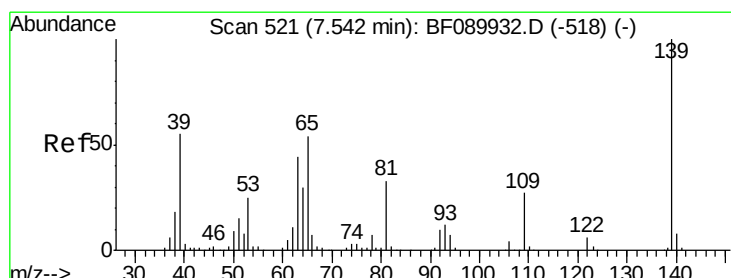
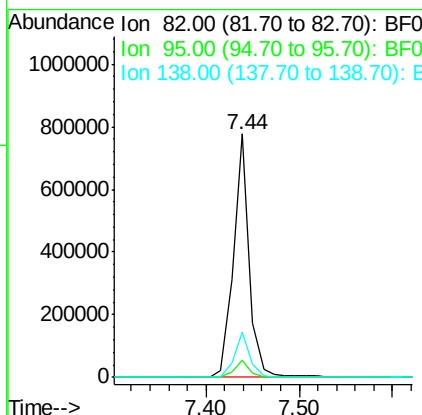
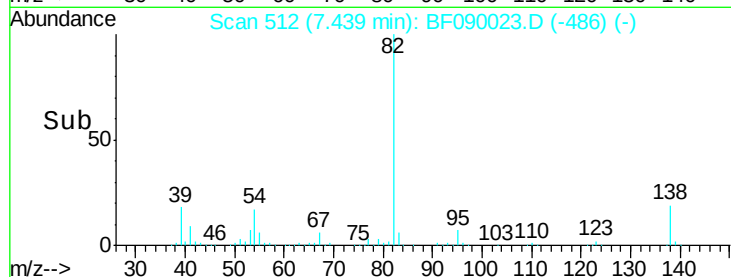
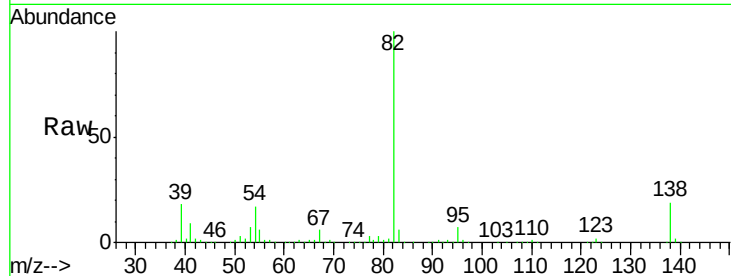
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	916873
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	18.6	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.63 ng

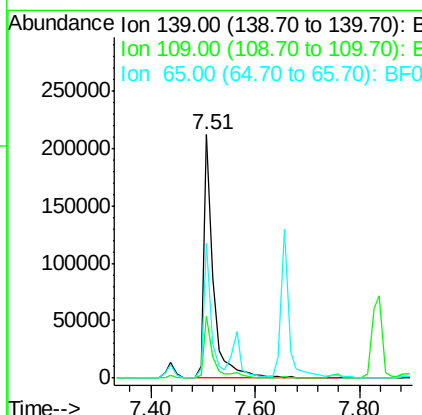
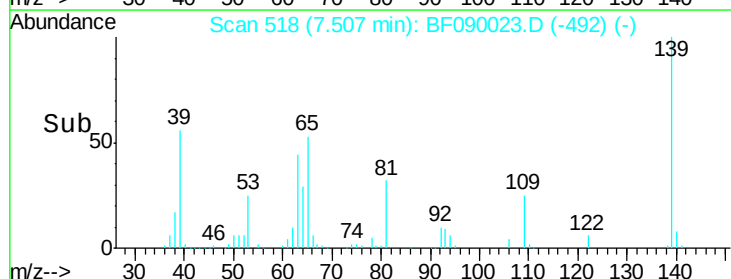
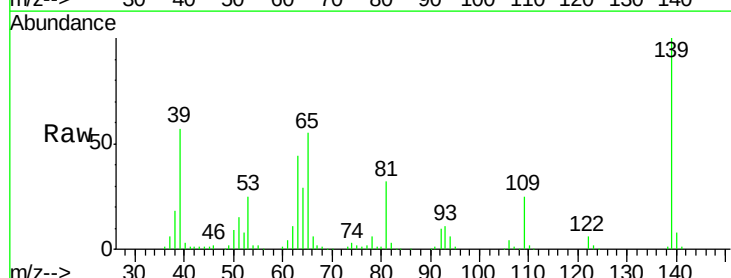
RT: 7.51 min Scan# 518

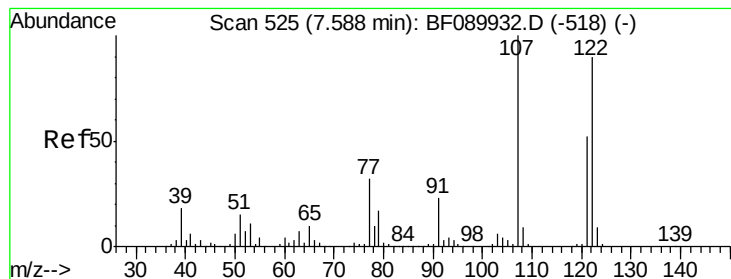
Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Tgt Ion:	139	Resp:	269303
Ion Ratio	Lower	Upper	
139	100		
109	25.5	21.0	31.4
65	55.4	43.4	65.0





#27

2,4-Dimethylphenol

Concen: 39.16 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

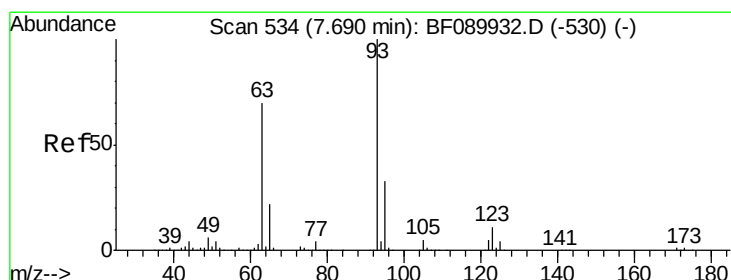
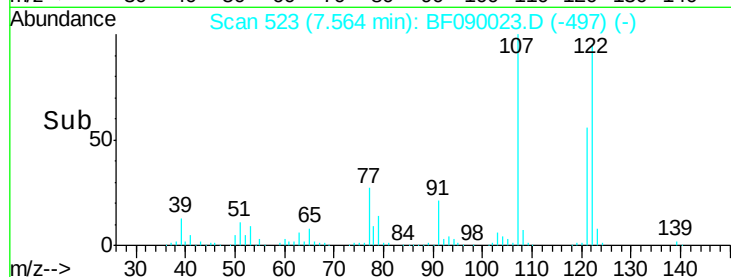
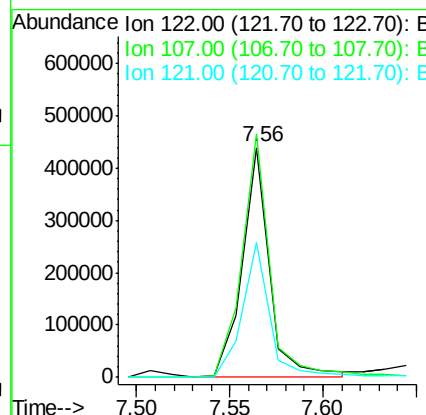
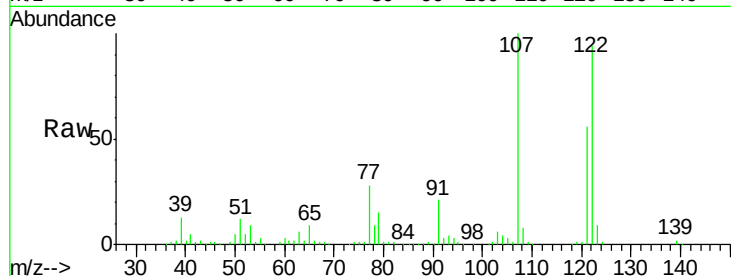
ClientSampleId :

SSTDCCC040

Tgt Ion:	122	Resp:	447147
Ion Ratio	Lower	Upper	
122	100		
107	106.0	88.5	132.7
121	58.9	46.0	69.0

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.40 ng

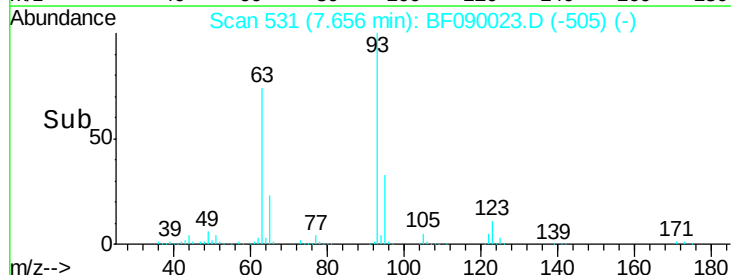
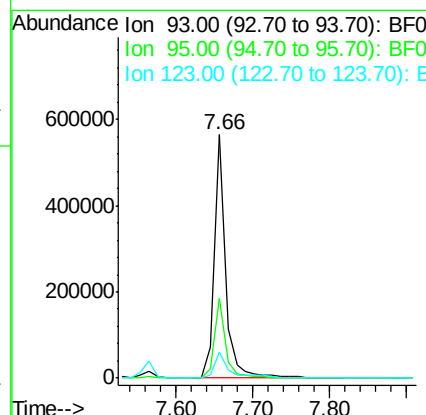
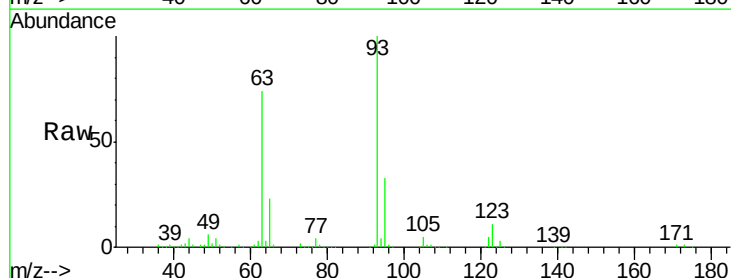
RT: 7.66 min Scan# 531

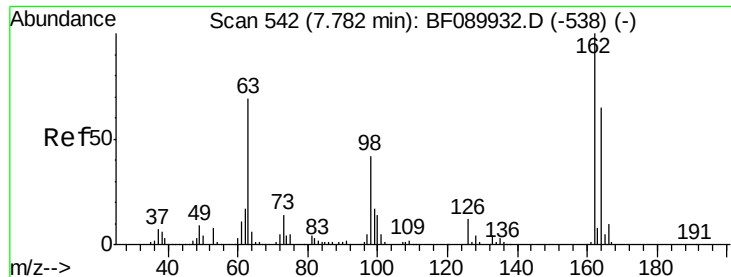
Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Tgt Ion:	93	Resp:	572069
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.6	40.0
123	10.7	9.1	13.7





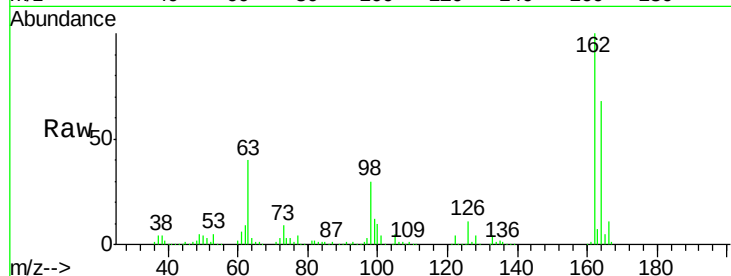
#29
2,4-Dichlorophenol
Concen: 41.28 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	422565		
164	68.3	46.6	86.6	
98	30.0	22.0	62.0	

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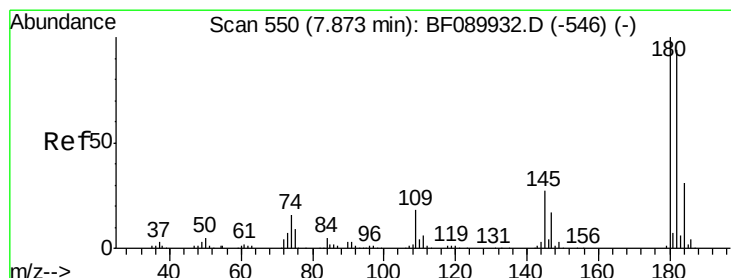
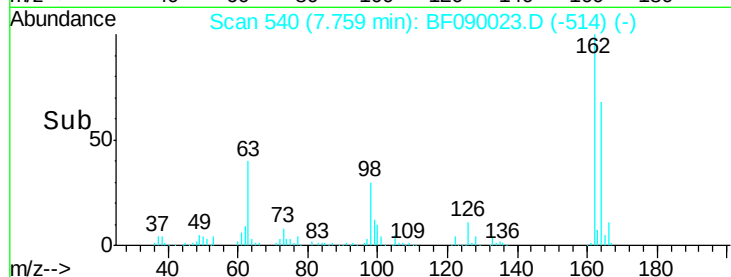
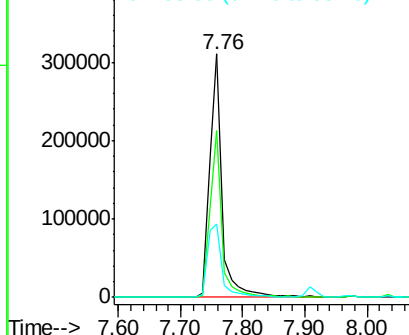


Abundance

Ion 162.00 (161.70 to 162.70): E

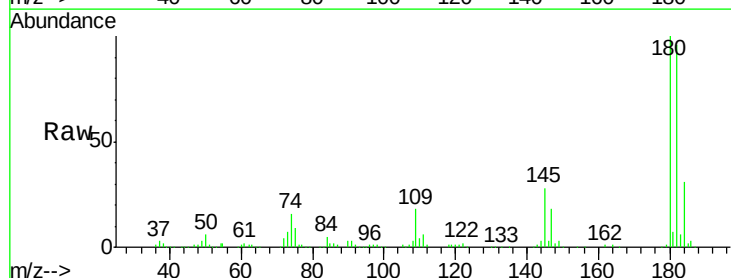
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 41.03 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	459166		
182	96.0	76.2	114.2	
145	28.2	22.2	33.4	

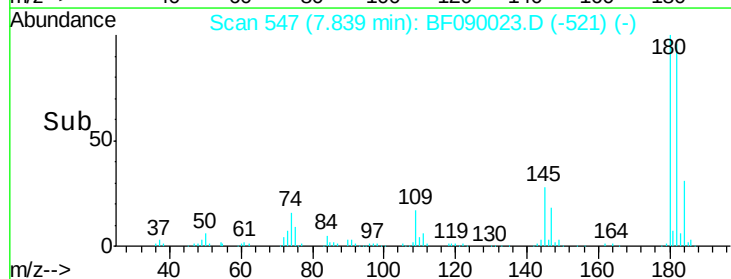
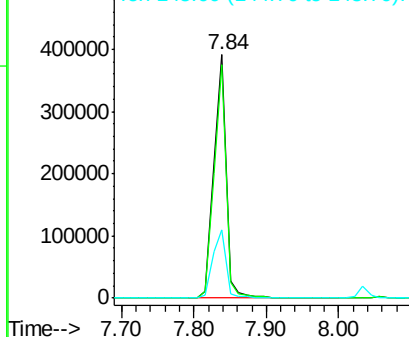


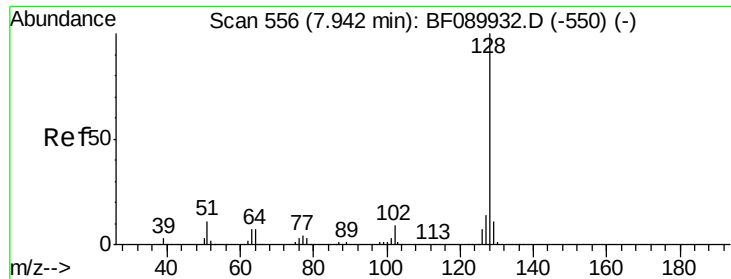
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





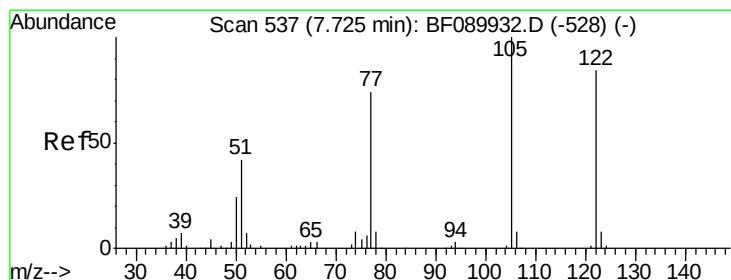
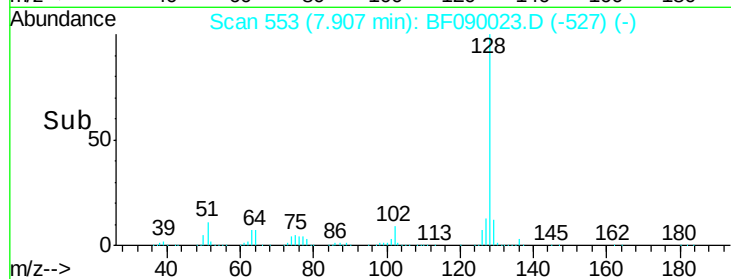
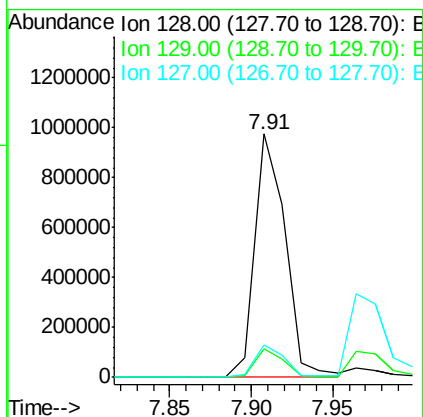
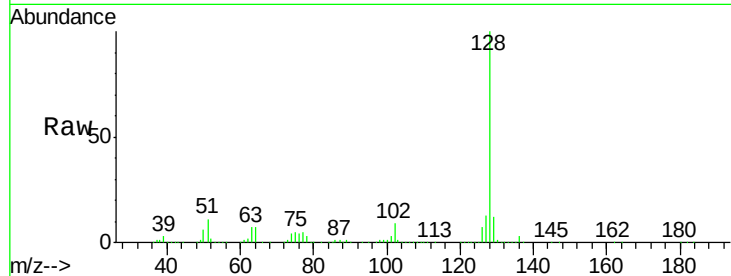
#31
Naphthalene
Concen: 36.24 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1271843
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.3 10.7 16.1

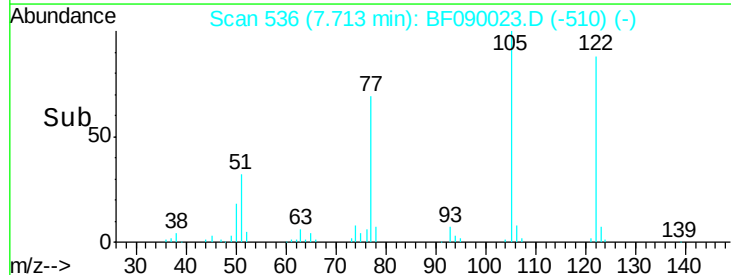
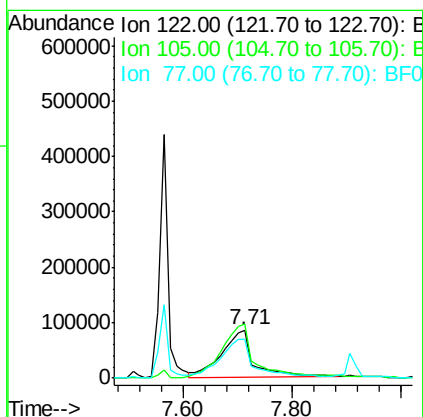
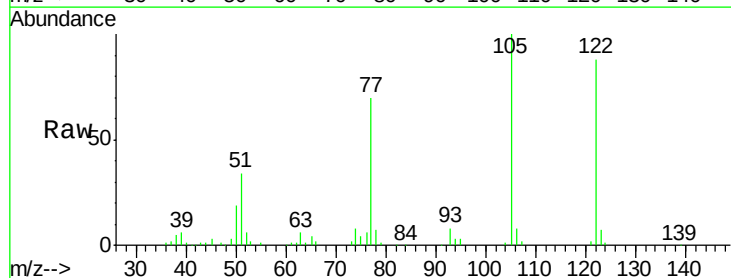
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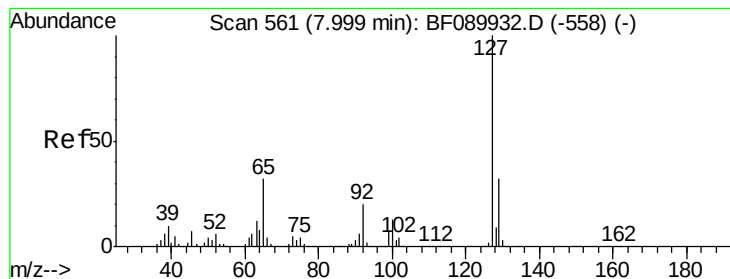
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#32
Benzoic acid
Concen: 44.96 ng
RT: 7.71 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion:122 Resp: 345883
Ion Ratio Lower Upper
122 100
105 114.1 102.2 142.2
77 79.7 74.1 114.1





#33

4-Chloroaniline

Concen: 41.63 ng

RT: 7.96 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

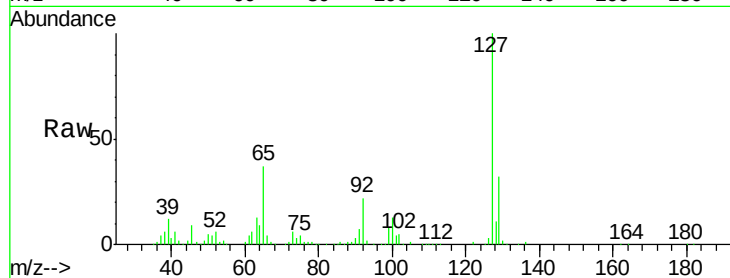
ClientSampleId :

SSTDCCC040

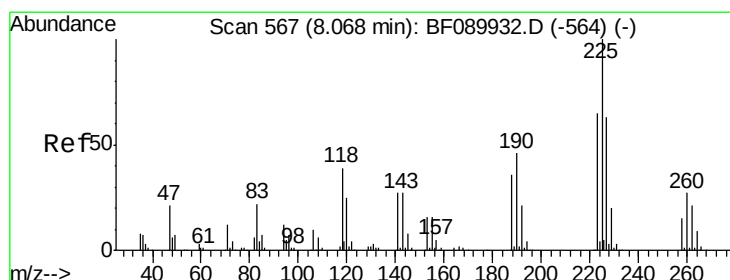
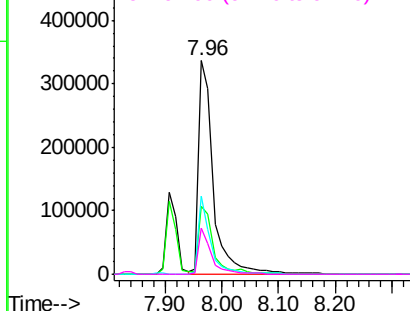
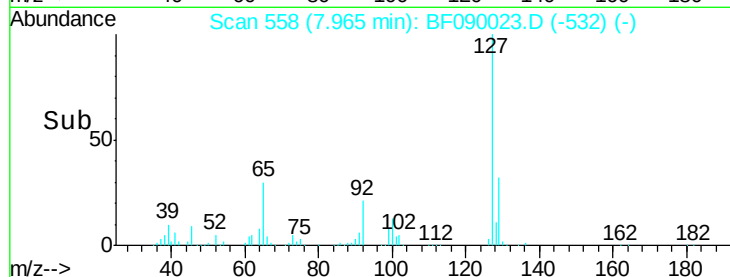
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	589450		
129	31.7	25.9	38.9	
65	36.7	26.0	39.0	
92	21.5	15.9	23.9	

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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: 38.43 ng

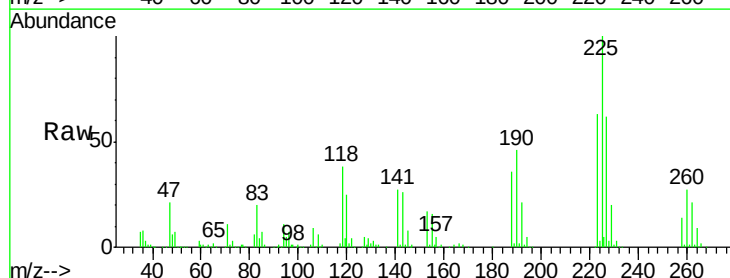
RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

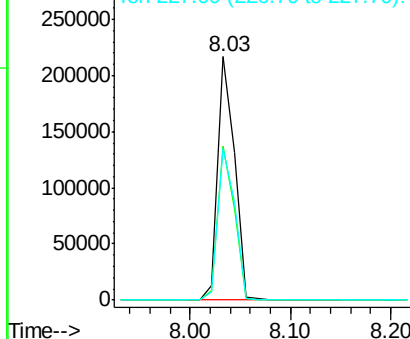
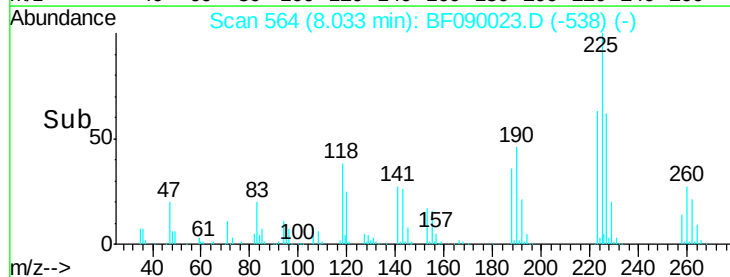
Lab File: BF090023.D

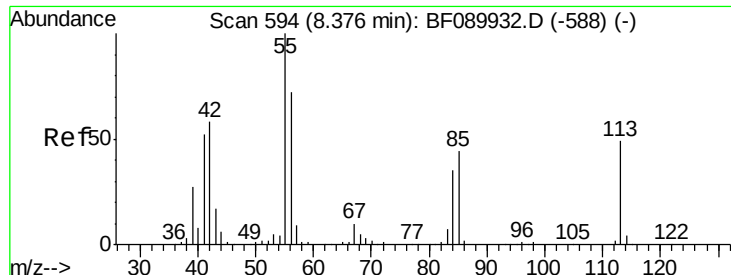
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	252030		
223	63.2	52.6	78.8	
227	62.2	50.8	76.2	



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





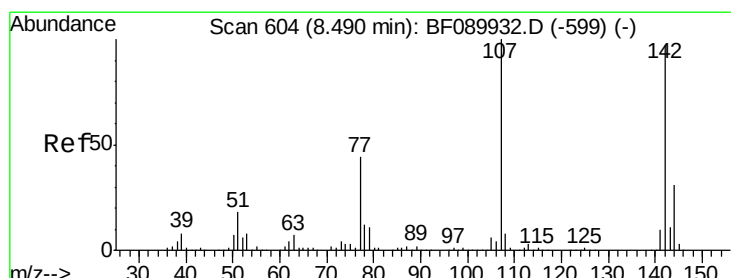
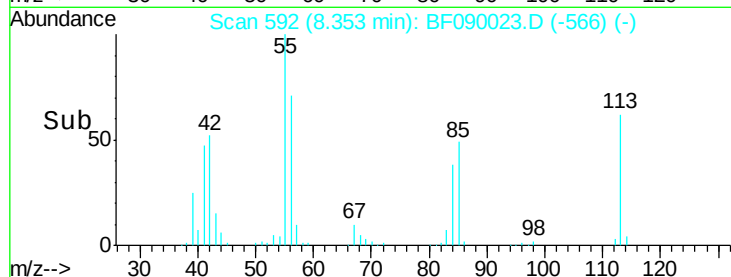
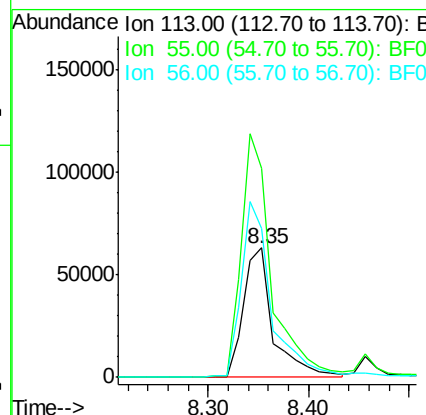
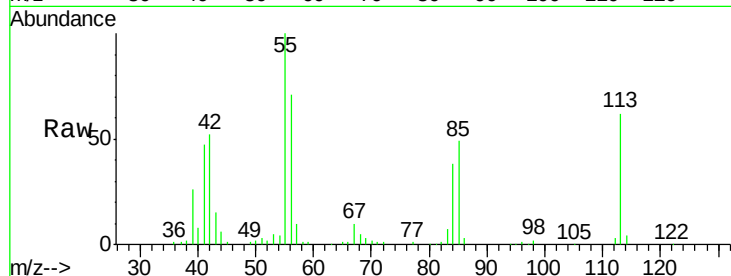
#35
 Caprolactam
 Concen: 40.12 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 129643
 Ion Ratio Lower Upper
 113 100
 55 162.2 178.5 218.5#
 56 114.9 122.7 162.7#

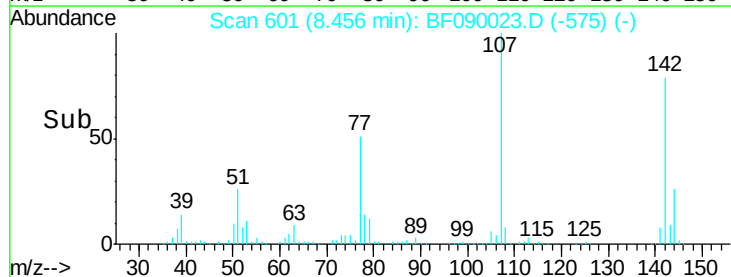
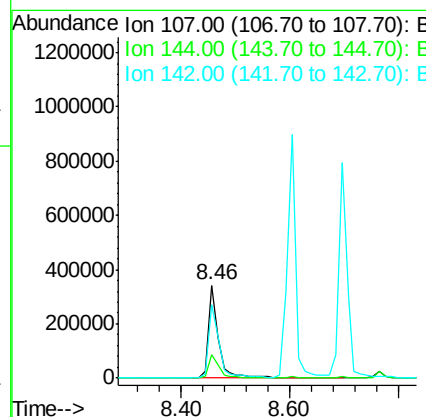
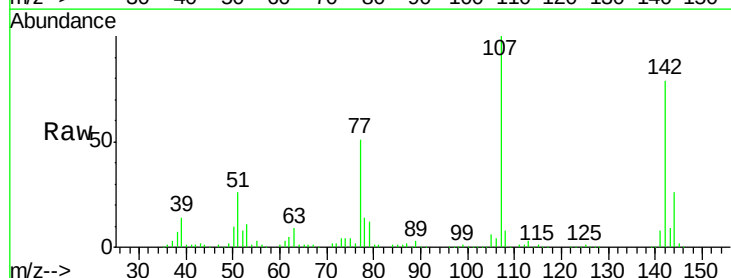
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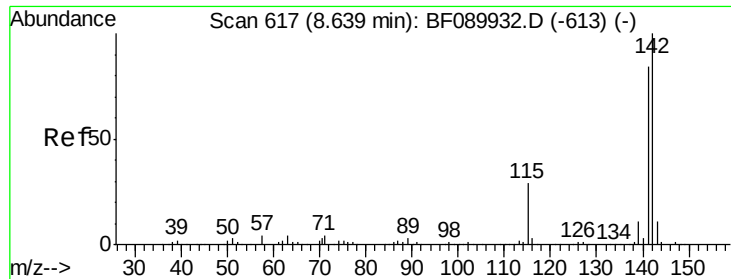
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#36
 4-Chloro-3-methylphenol
 Concen: 39.92 ng
 RT: 8.46 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Tgt Ion:107 Resp: 432754
 Ion Ratio Lower Upper
 107 100
 144 25.7 25.8 38.8#
 142 78.8 79.2 118.8#





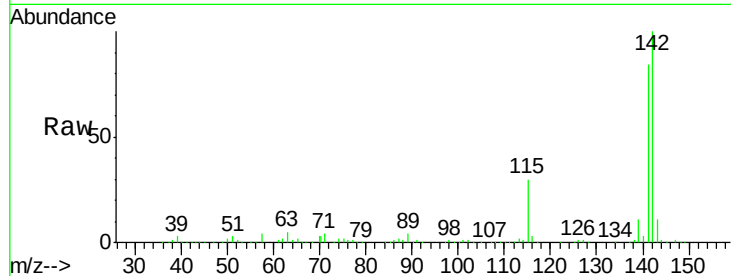
#37
2-Methylnaphthalene
Concen: 39.97 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

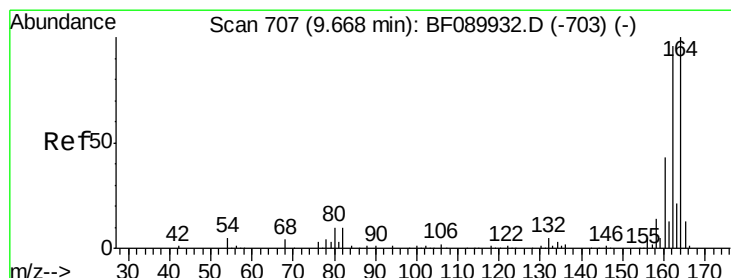
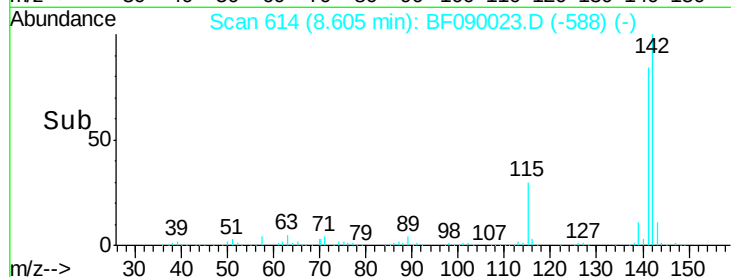
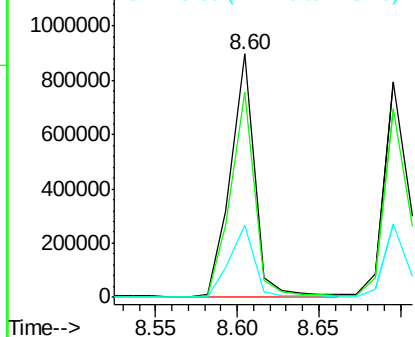
Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.3	68.3	102.5
115	29.8	23.8	35.8

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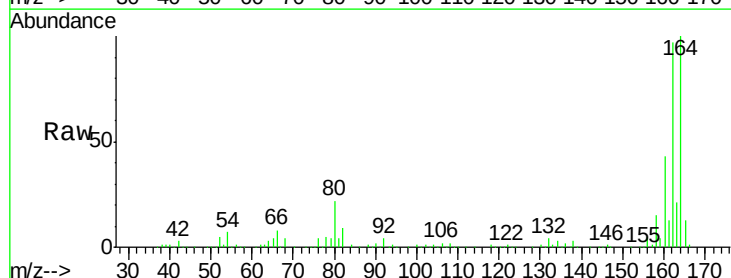


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

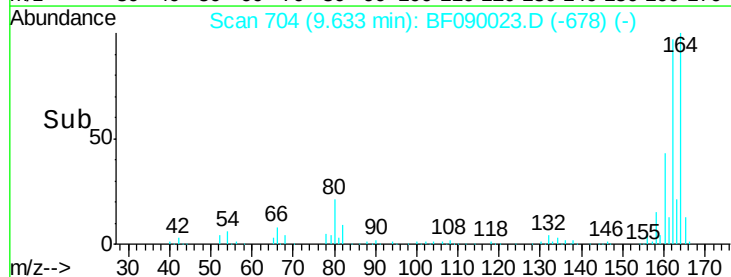
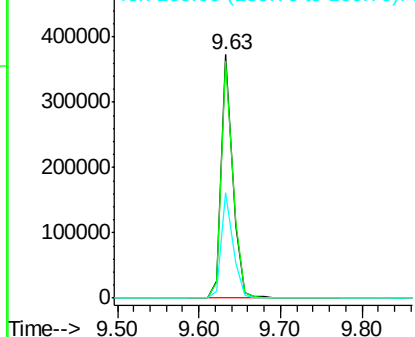


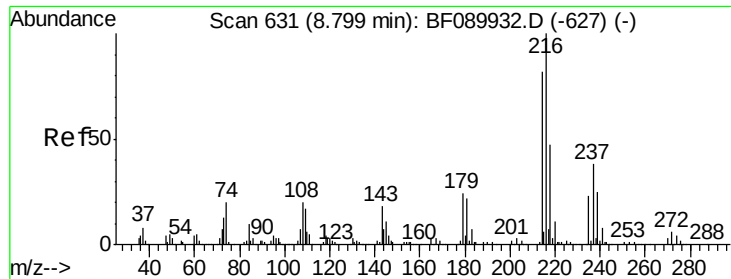
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	77.1	115.7
160	43.2	35.3	52.9



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





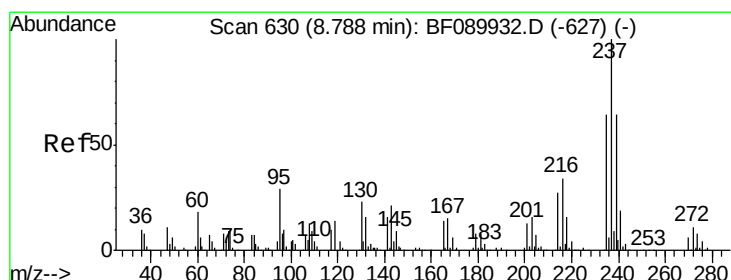
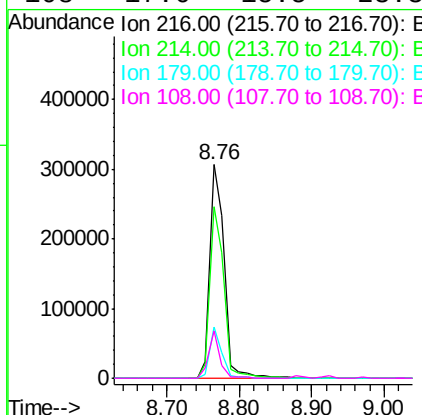
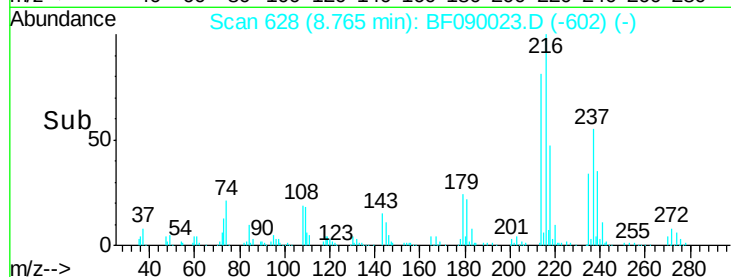
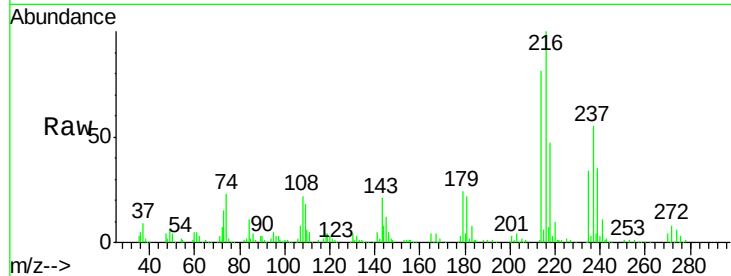
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.82 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	20.5	17.3	25.9
108	17.6	15.5	23.3

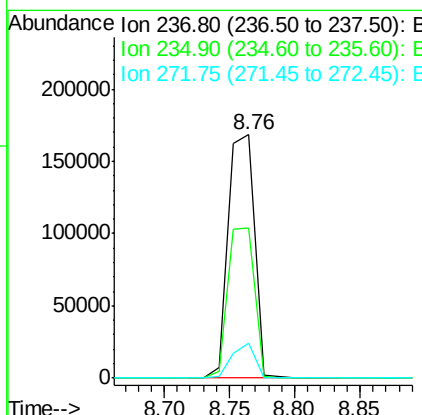
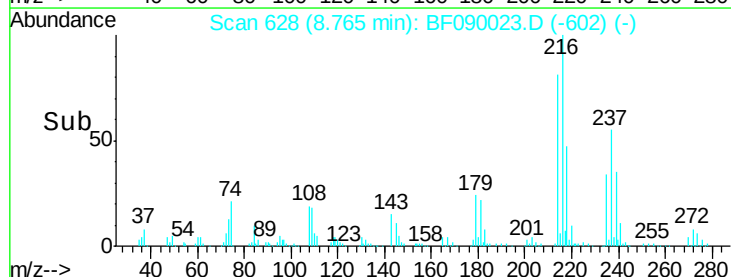
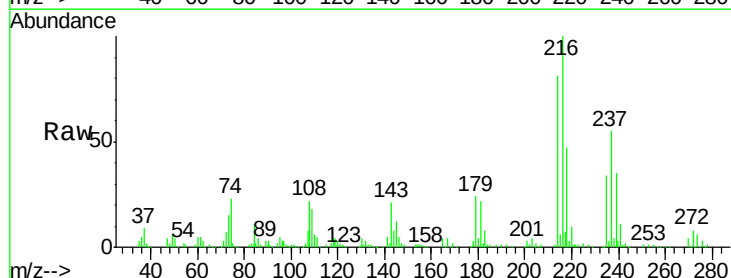
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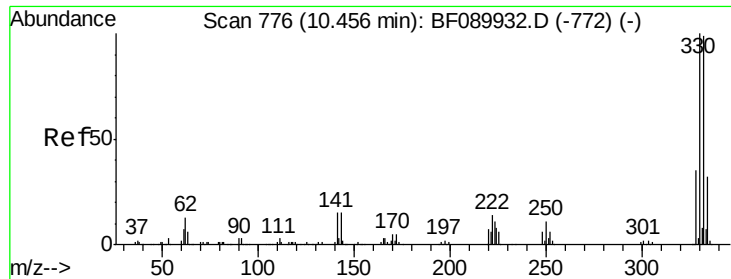
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#40
 Hexachlorocyclopentadiene
 Concen: 43.26 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.7	39.6	79.6
272	14.5	0.0	34.6





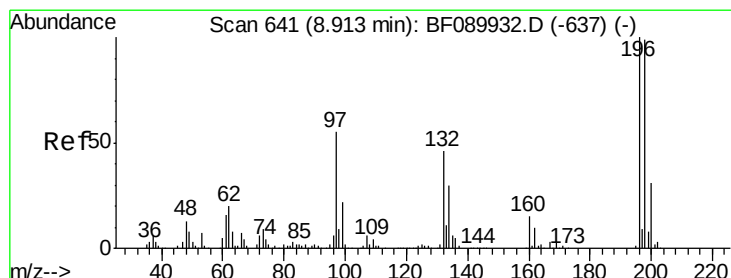
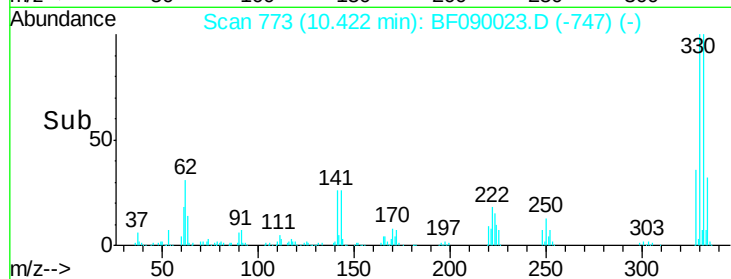
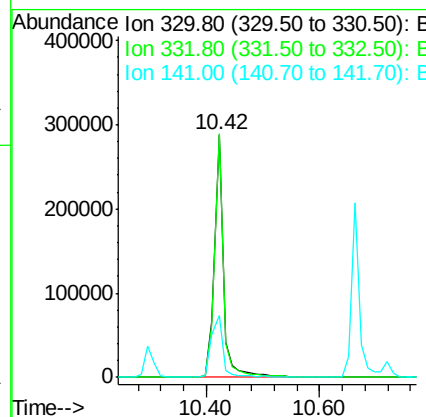
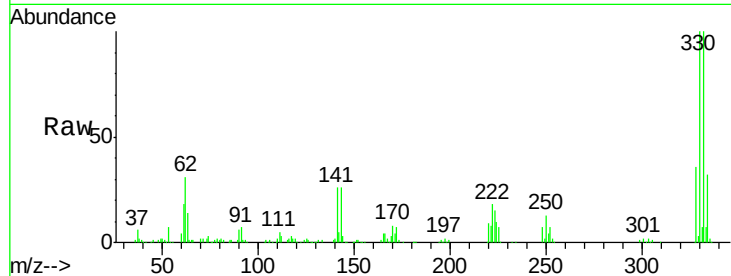
#41
 2,4,6-Tribromophenol
 Concen: 86.08 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	306508		
332	98.2	78.6	117.8	
141	33.4	23.3	34.9	

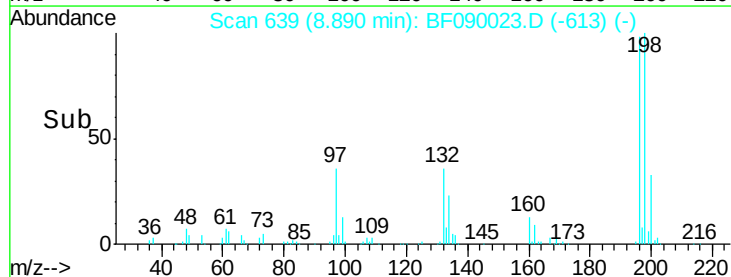
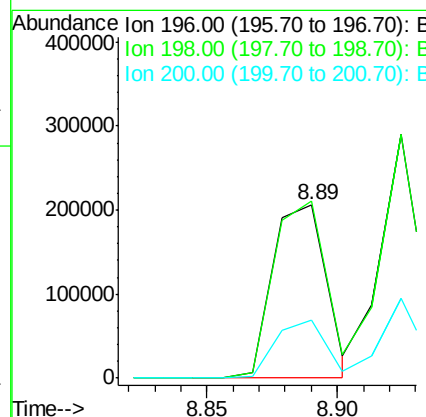
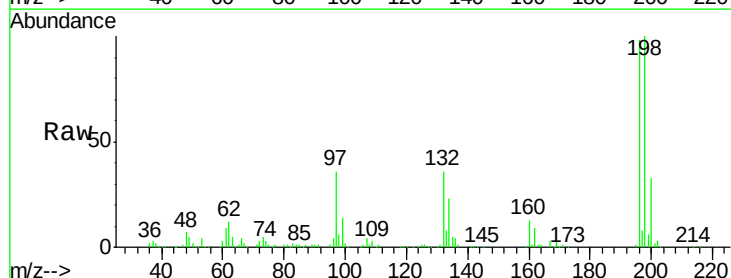
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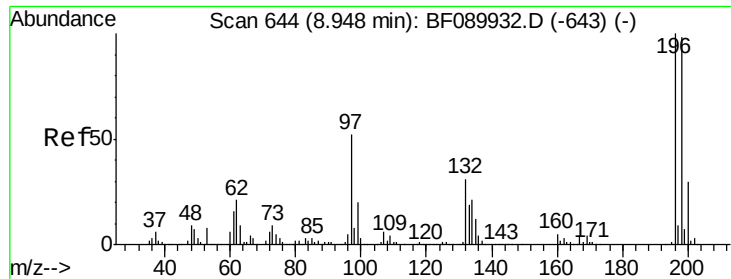
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#42
 2,4,6-Trichlorophenol
 Concen: 40.30 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	295287		
198	101.9	78.3	117.5	
200	33.2	24.8	37.2	





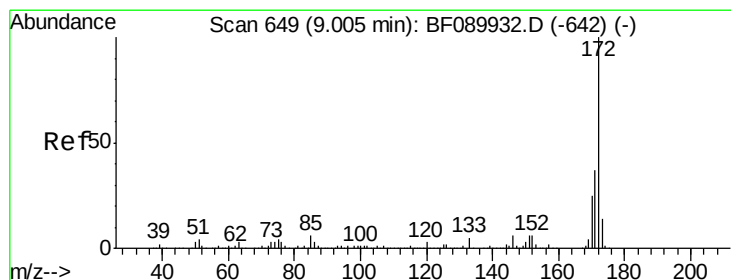
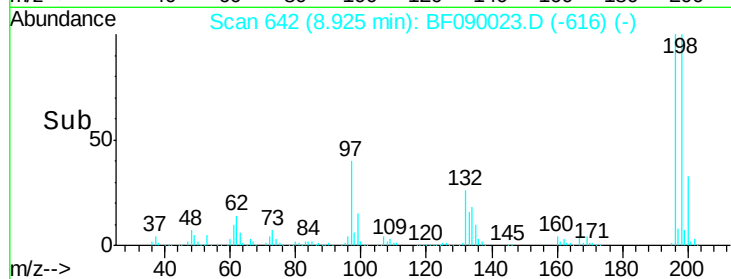
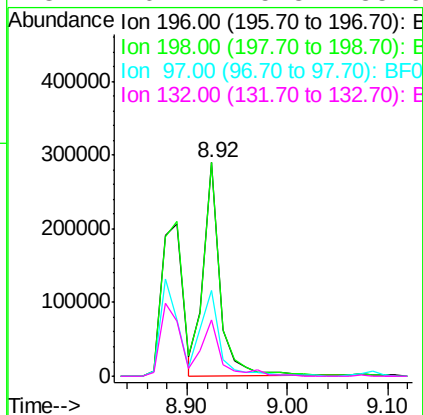
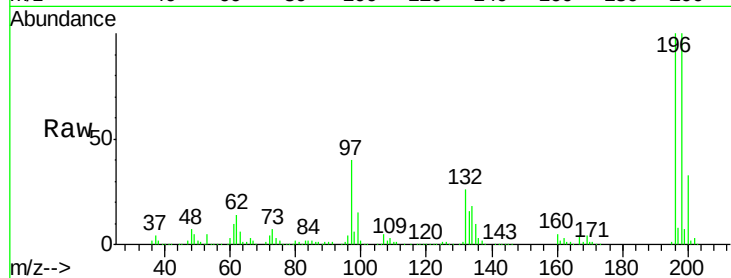
#43
 2,4,5-Trichlorophenol
 Concen: 47.56 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	335097		
198	100.2	80.8	121.2	
97	40.2	44.2	66.4	
132	26.4	25.8	38.6	

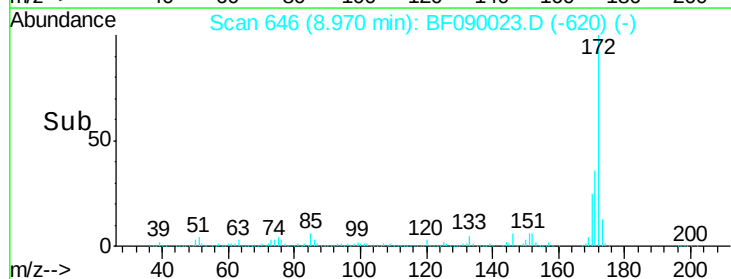
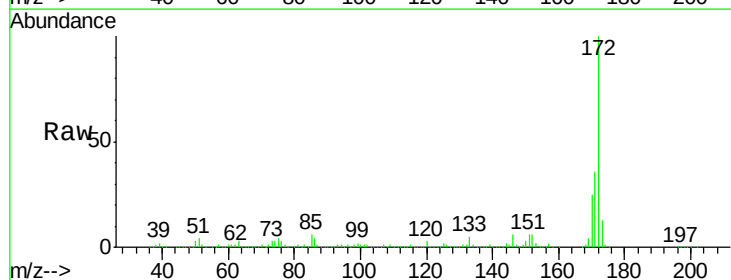
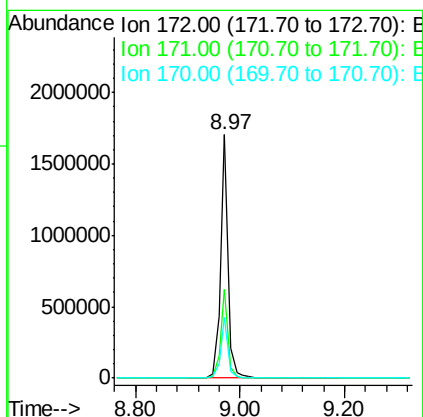
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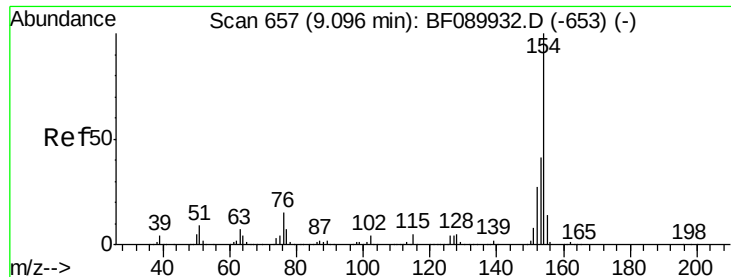
Sohil
 9/9/2016 8:38:14 AM



#44
 2-Fluorobiphenyl
 Concen: 77.36 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1700813		
171	36.5	29.4	44.2	
170	24.8	20.1	30.1	





#45

1,1'-Biphenyl

Concen: 41.63 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1209717

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

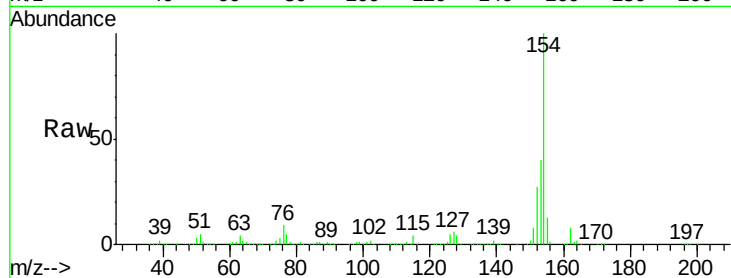
76 8.7 0.0 34.9

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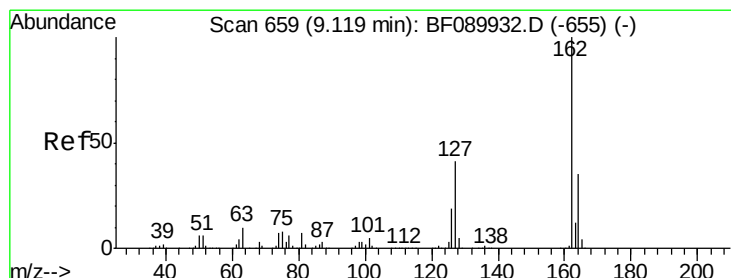
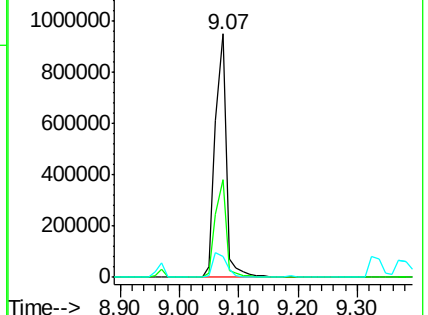
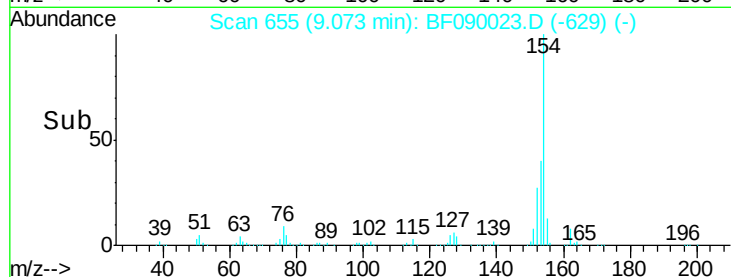
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.64 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

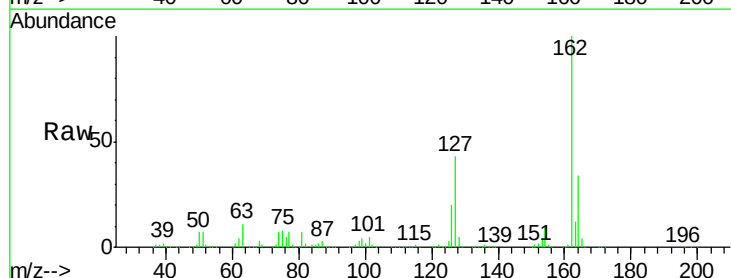
Tgt Ion:162 Resp: 814879

Ion Ratio Lower Upper

162 100

127 42.9 33.5 50.3

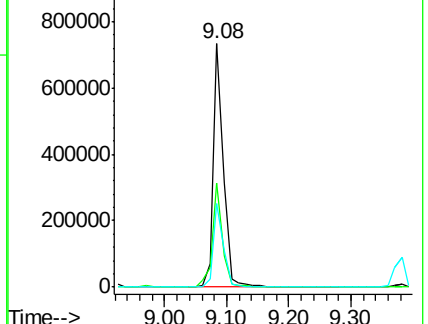
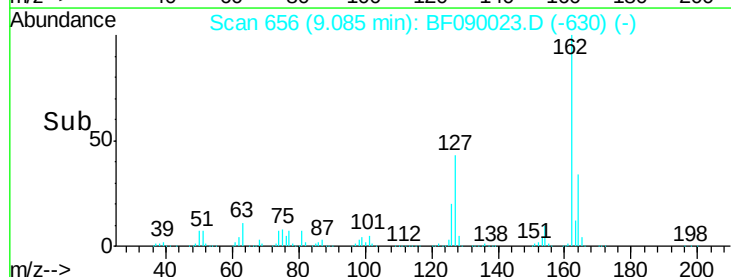
164 34.4 28.2 42.4

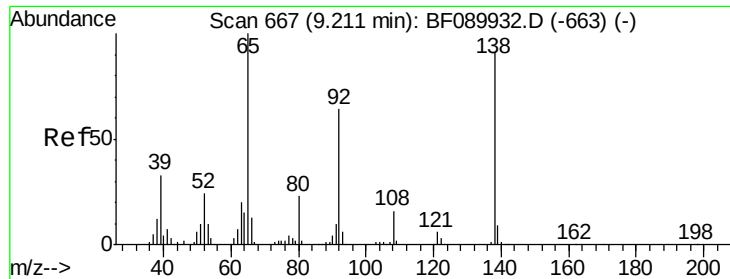


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





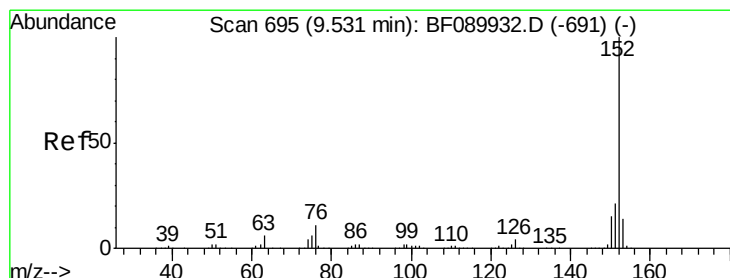
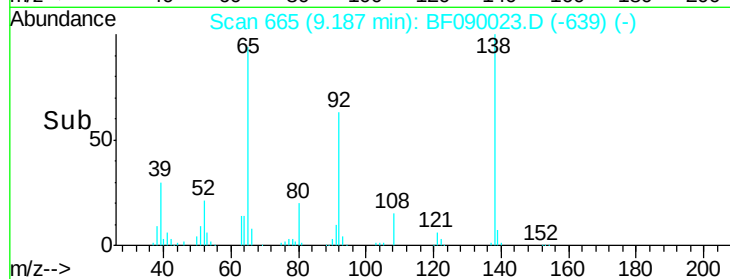
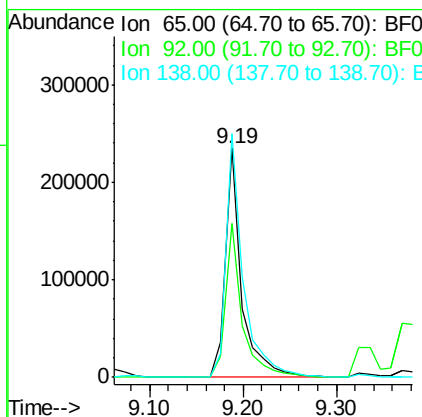
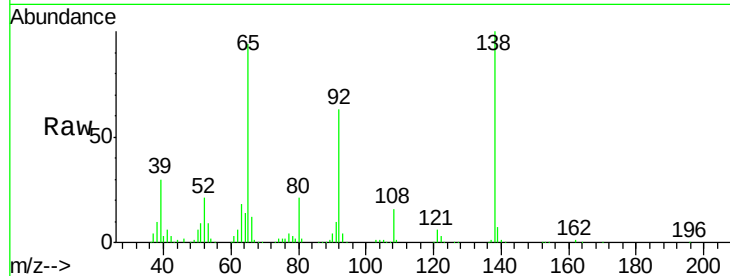
#47
2-Nitroaniline
Concen: 42.30 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	52.0	78.0
138	106.1	72.1	108.1

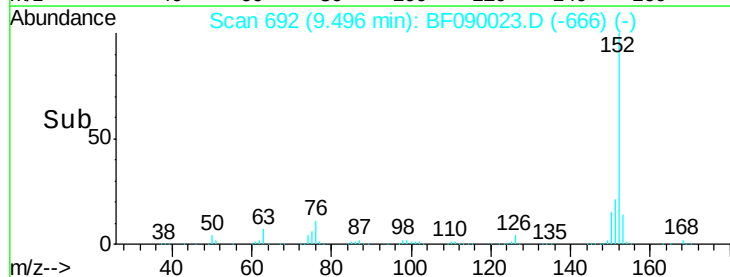
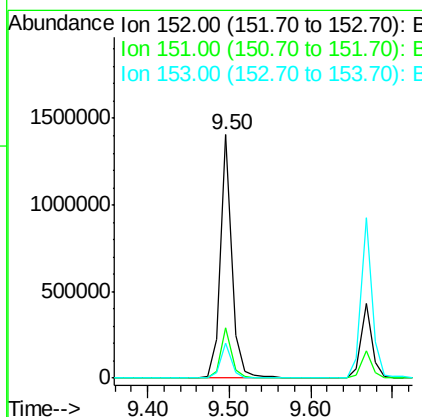
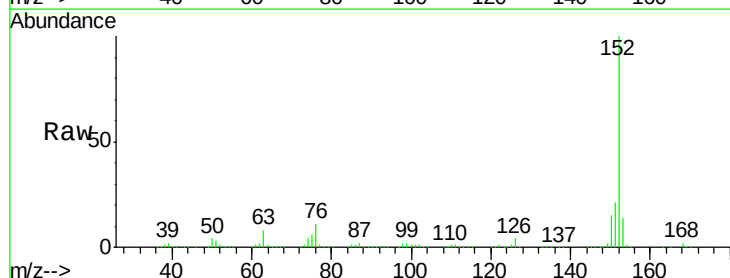
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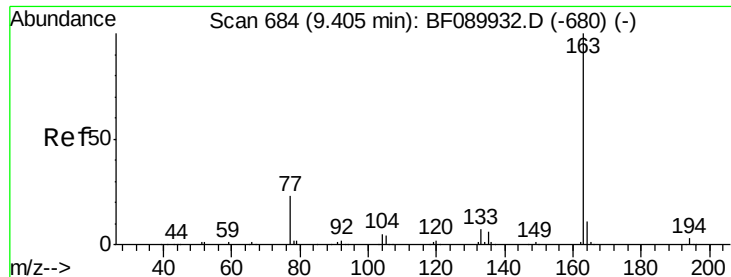
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#48
Acenaphthylene
Concen: 39.74 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	14.4	11.6	17.4





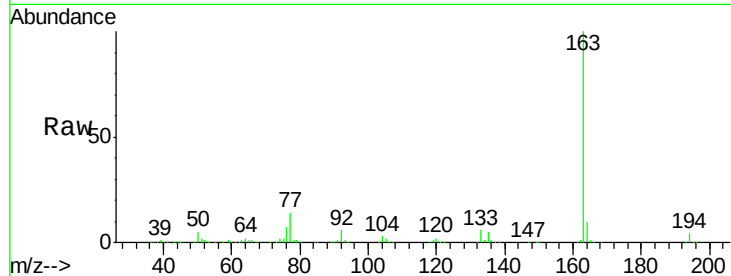
#49
Dimethylphthalate
Concen: 40.85 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

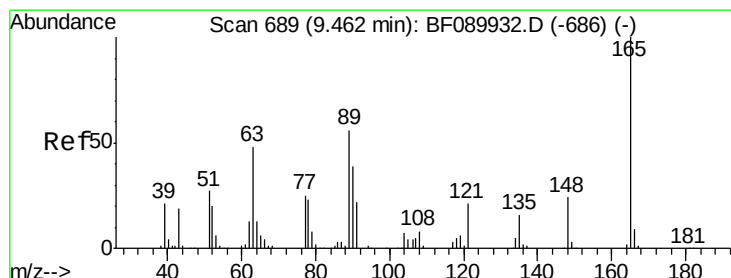
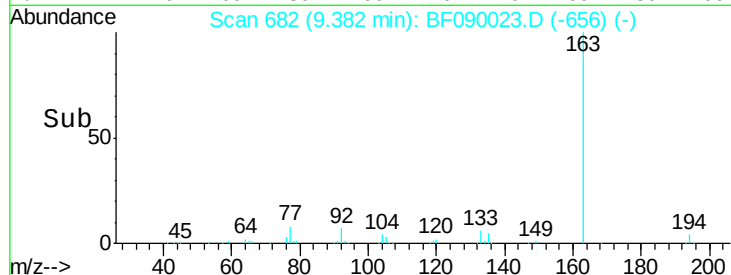
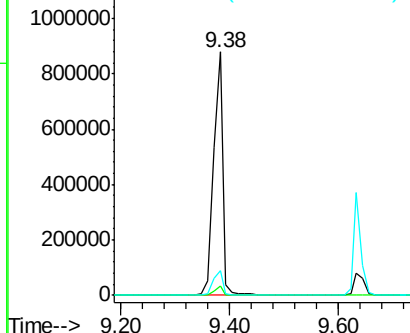
Tgt Ion:163 Resp: 1065649
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 9.0 13.4

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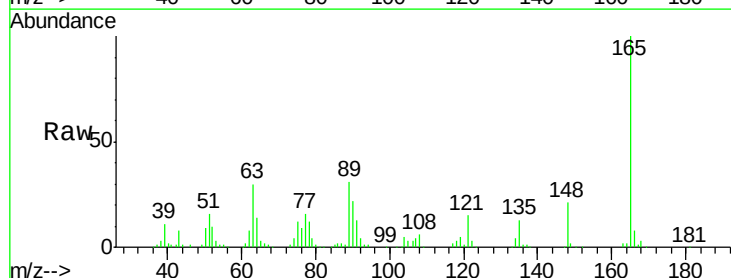


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

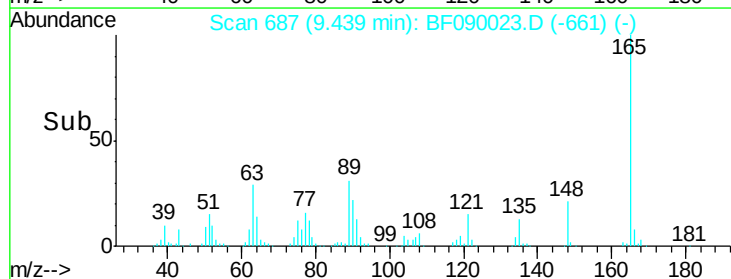
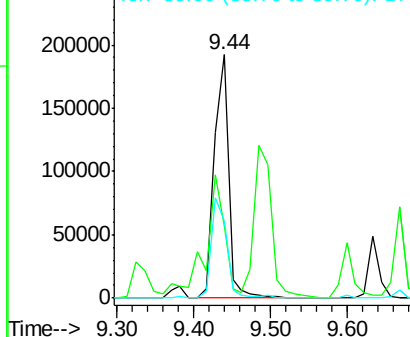


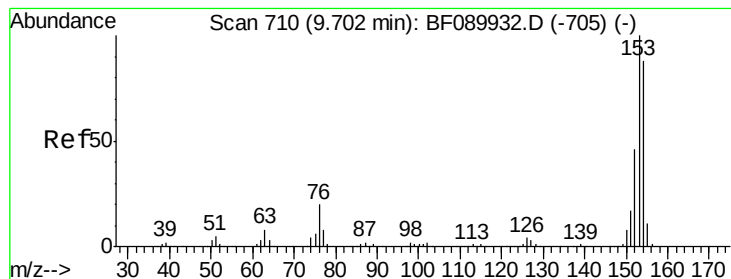
#50
2,6-Dinitrotoluene
Concen: 42.82 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion:165 Resp: 248457
Ion Ratio Lower Upper
165 100
63 29.8 45.0 67.4#
89 31.5 41.5 62.3#



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





#51

Acenaphthene

Concen: 40.42 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

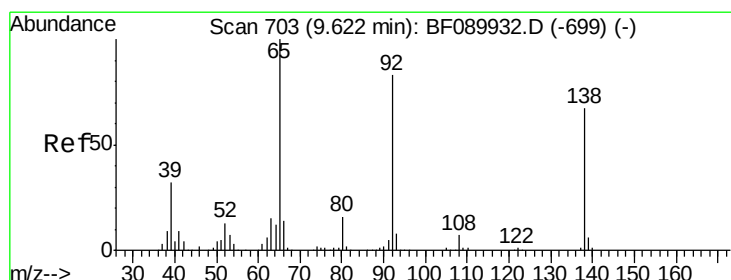
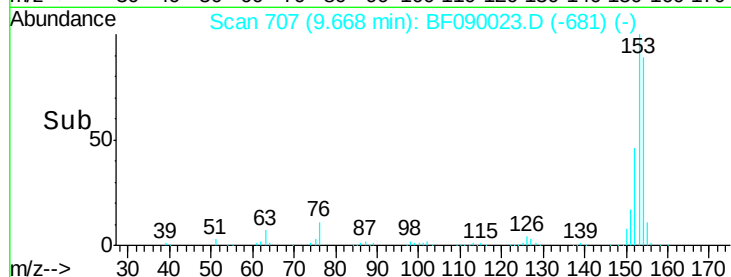
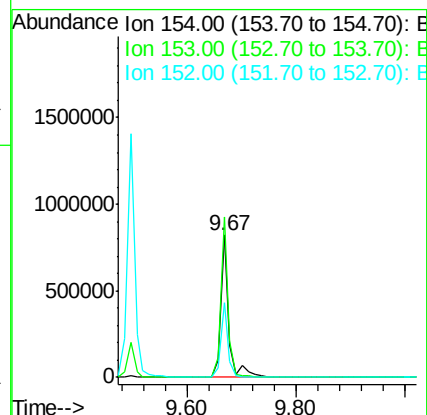
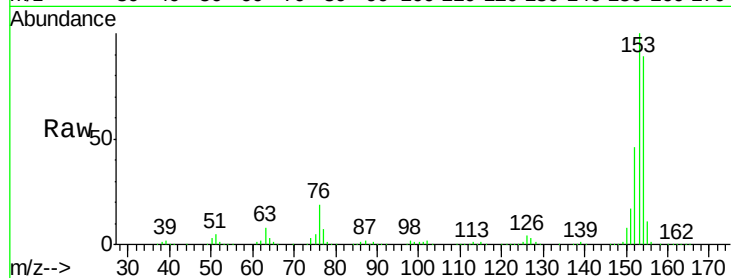
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	870489
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.6	135.8
152	52.0	42.4	63.6

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#52

3-Nitroaniline

Concen: 41.77 ng

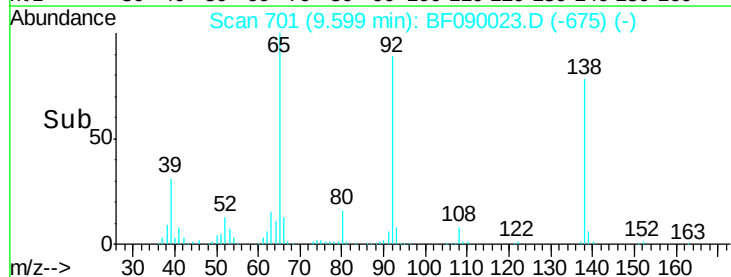
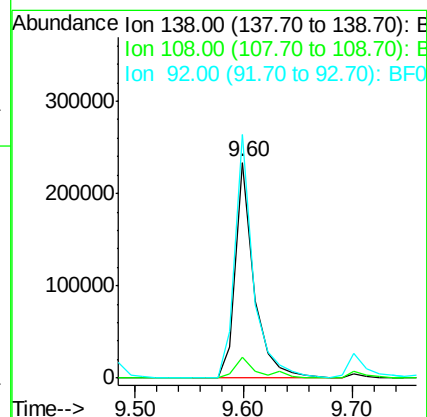
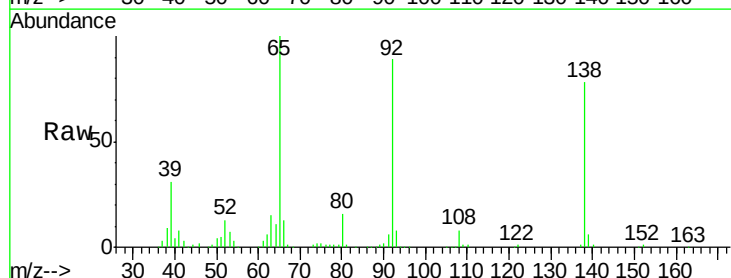
RT: 9.60 min Scan# 701

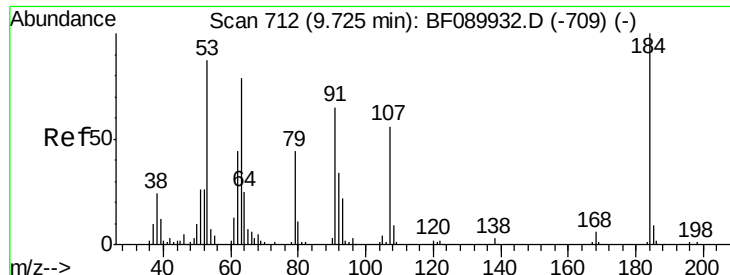
Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Tgt Ion:	138	Resp:	276409
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.3	12.5
92	113.0	99.1	148.7





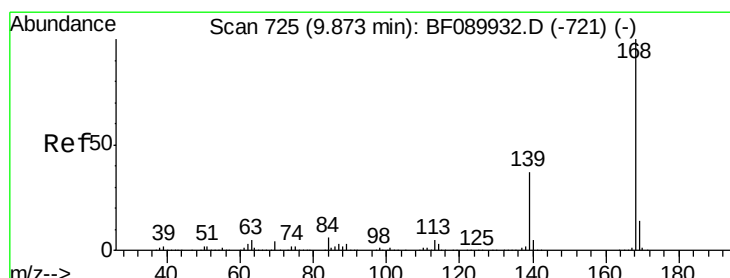
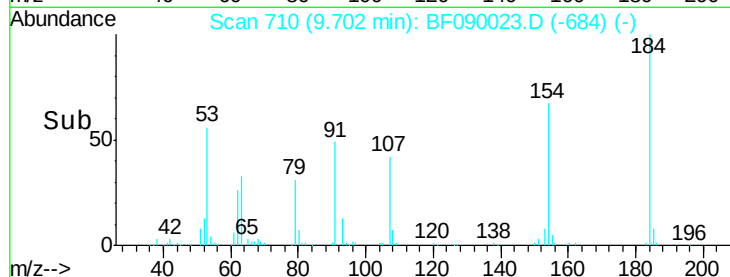
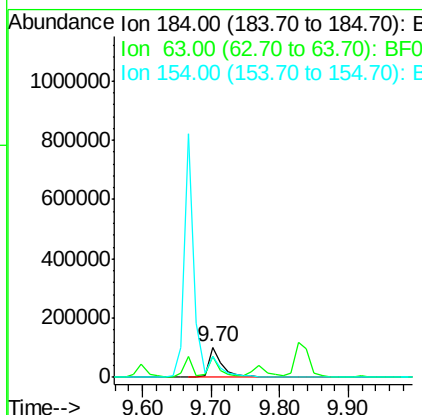
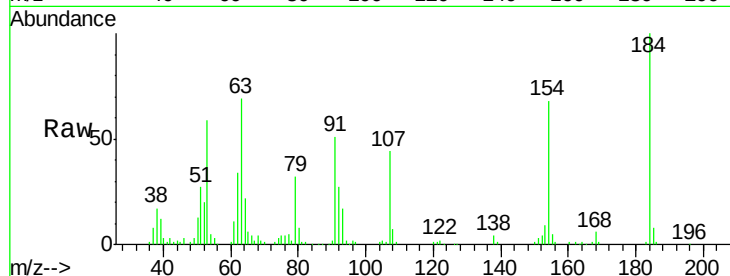
#53
2,4-Dinitrophenol
Concen: 45.85 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	139651		
63	68.9	73.9	110.9#	
154	67.6	53.5	80.3	

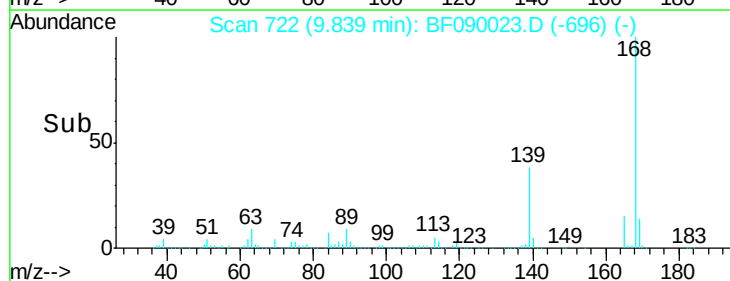
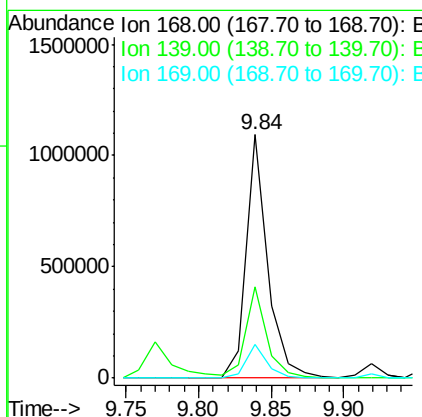
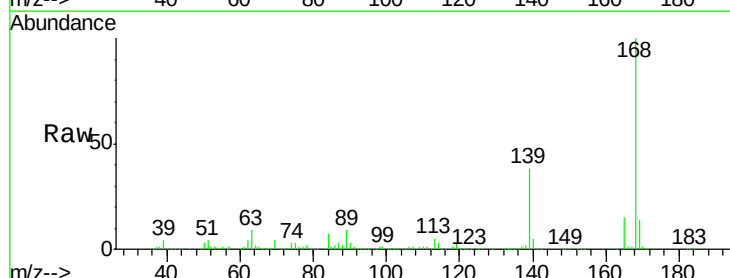
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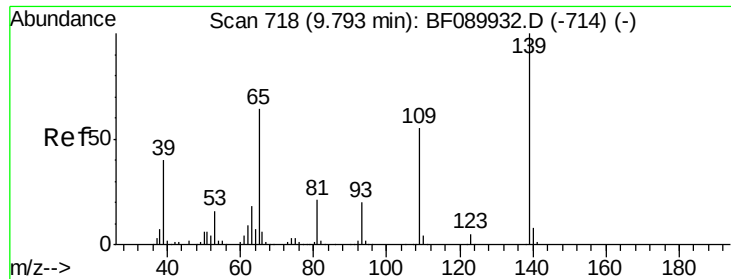
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#54
Dibenzofuran
Concen: 39.22 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1131961		
139	37.7	29.5	44.3	
169	13.9	10.8	16.2	





#55

4-Nitrophenol

Concen: 44.01 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

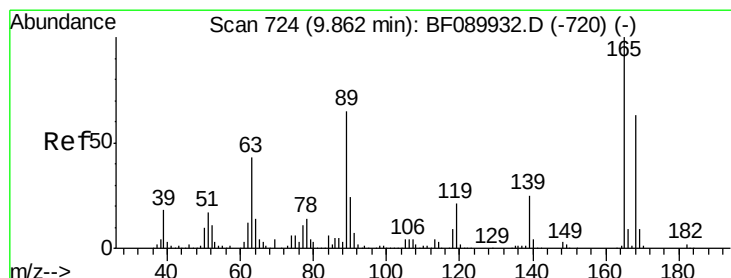
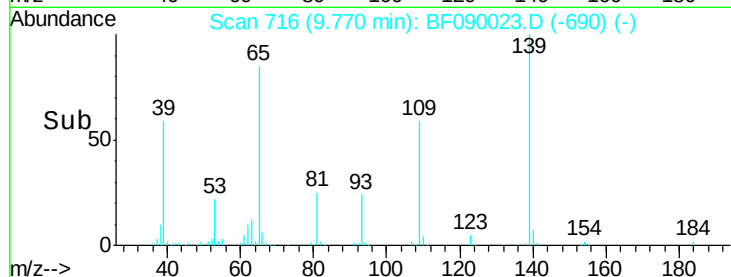
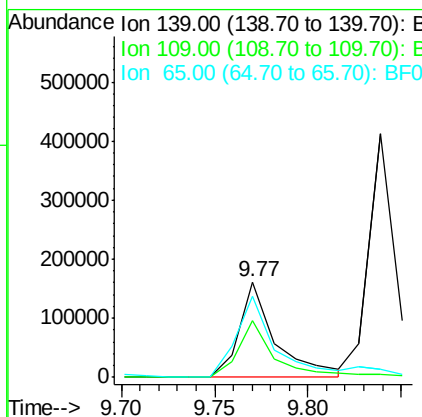
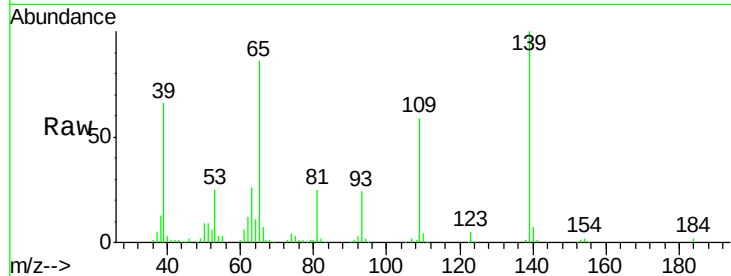
ClientSampled :

SSTDCCC040

Tgt Ion:	139	Resp:	219650
Ion Ratio	Lower	Upper	
139	100		
109	59.0	31.3	71.3
65	85.7	38.5	78.5#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 40.66 ng

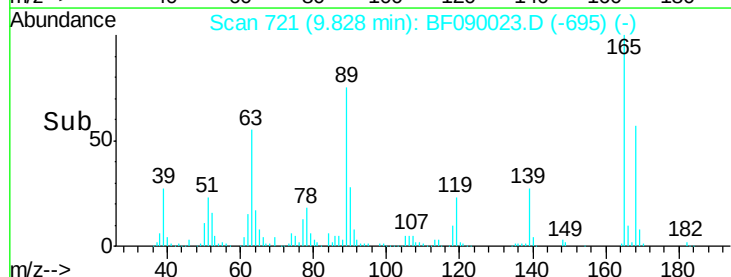
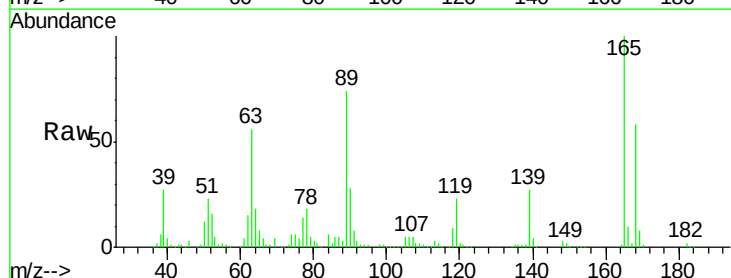
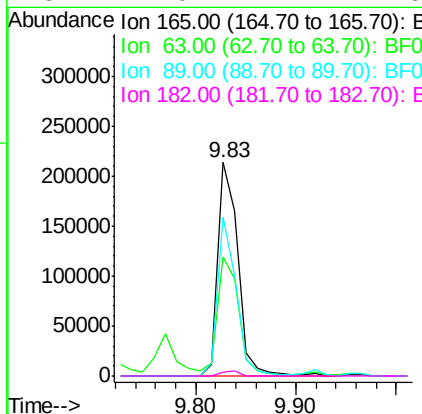
RT: 9.83 min Scan# 721

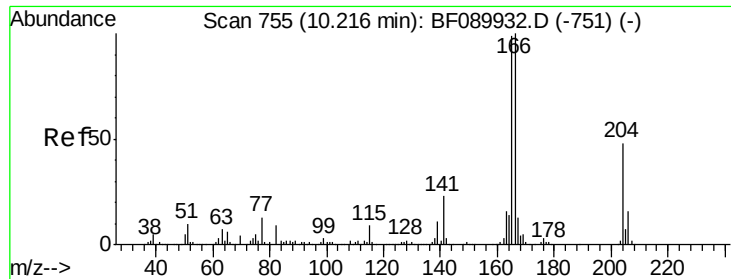
Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Tgt Ion:	165	Resp:	299126
Ion Ratio	Lower	Upper	
165	100		
63	55.9	32.5	48.7#
89	74.3	48.3	72.5#
182	2.0	1.7	2.5





#57

Fluorene

Concen: 44.21 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 932228

Ion Ratio Lower Upper

166 100

165 100.0 78.6 118.0

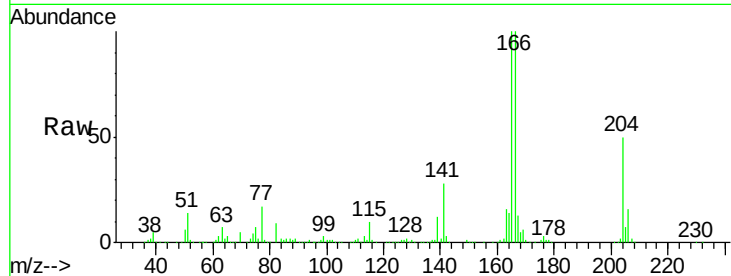
167 13.5 10.6 15.8

Manual Integrations

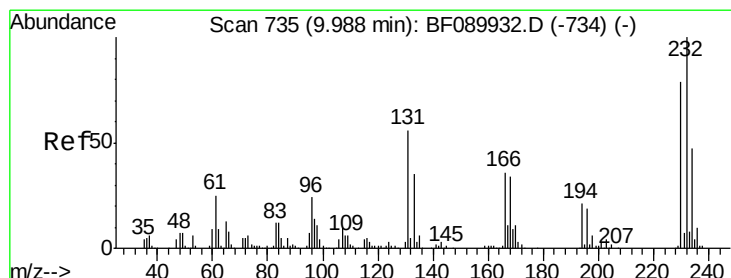
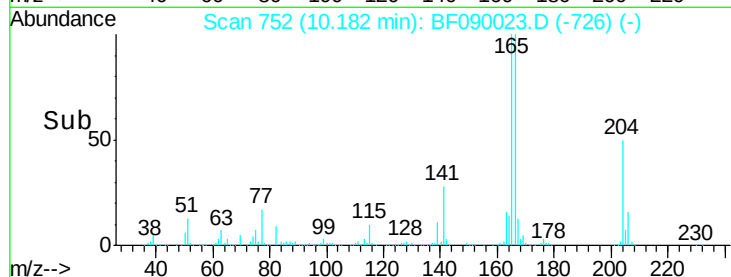
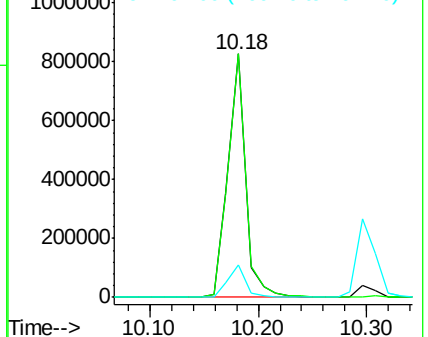
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.92 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Tgt Ion:232 Resp: 277003

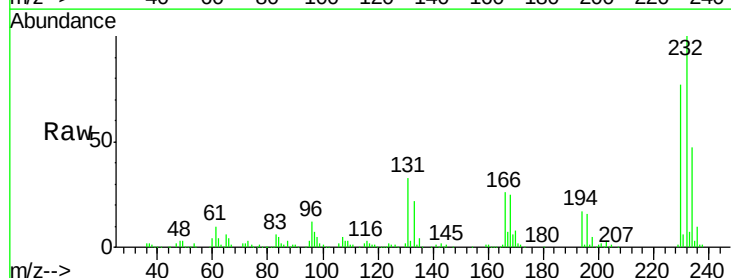
Ion Ratio Lower Upper

232 100

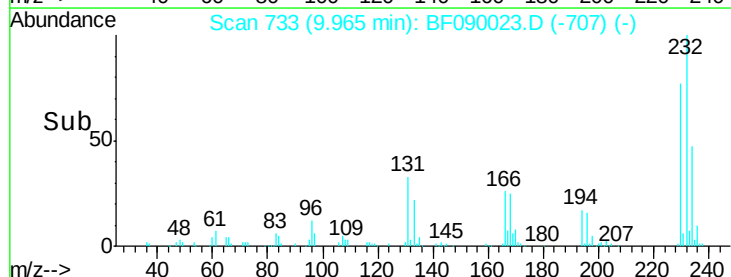
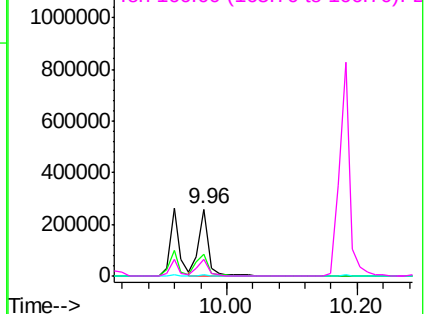
131 38.6 36.3 54.5

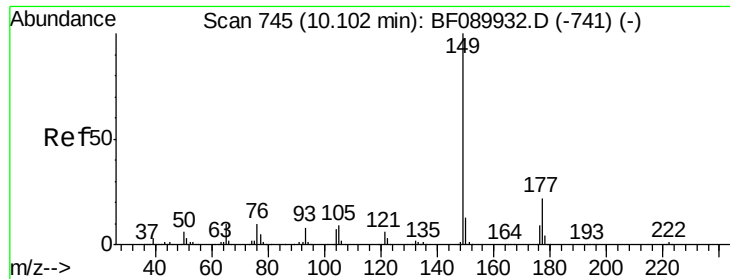
130 1.8 1.7 2.5

166 27.7 24.4 36.6



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





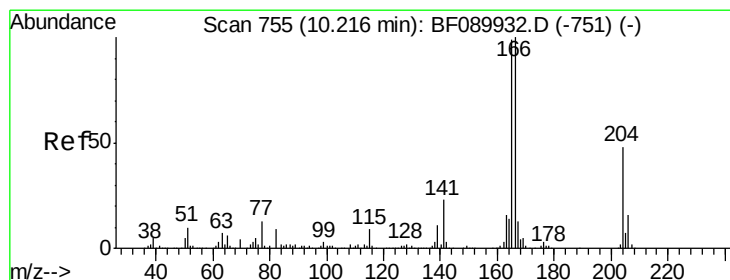
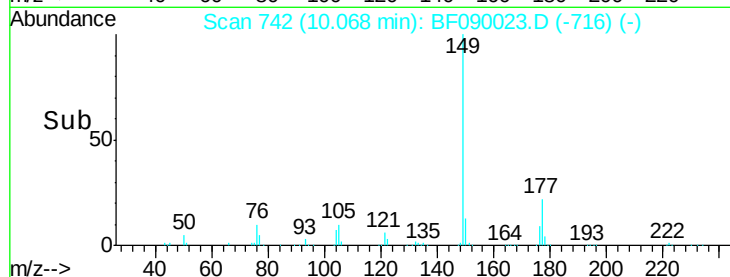
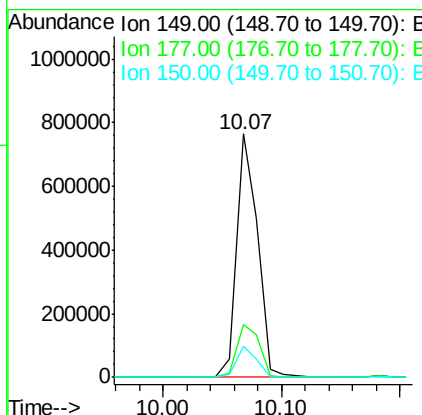
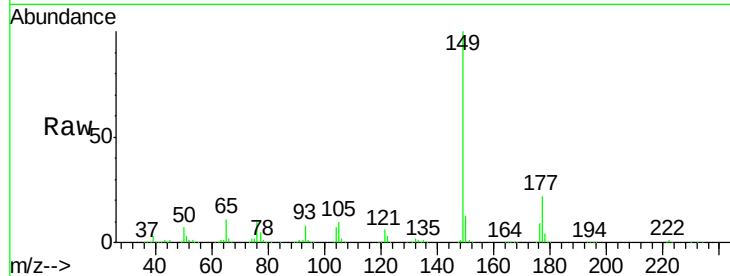
#59
Diethylphthalate
Concen: 38.20 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.7	26.5
150	12.8	10.2	15.2

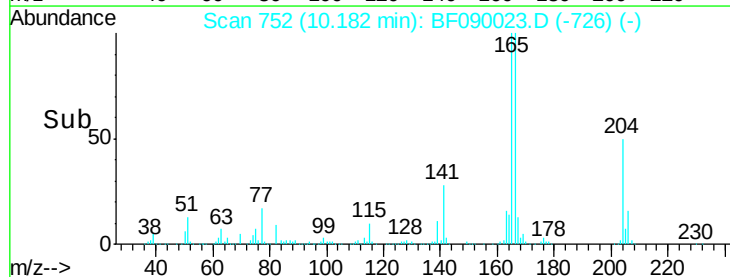
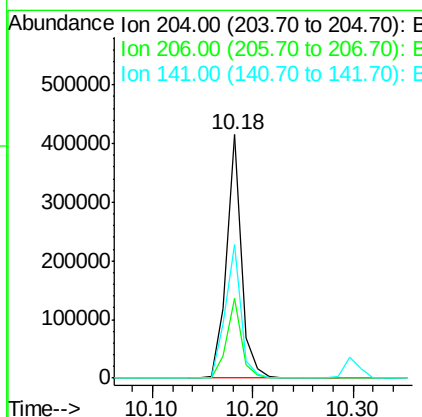
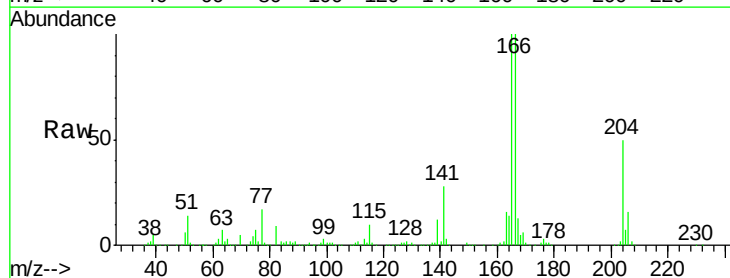
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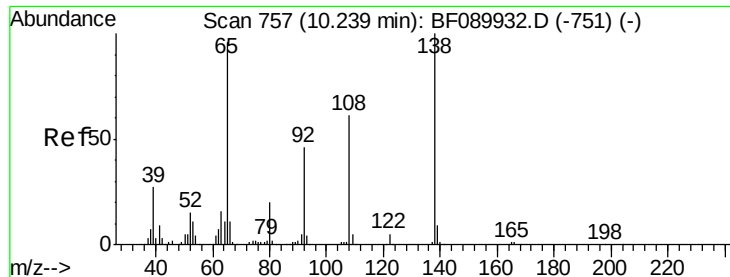
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#60
4-Chlorophenyl-phenylether
Concen: 43.37 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	40.0
141	54.8	36.5	54.7#





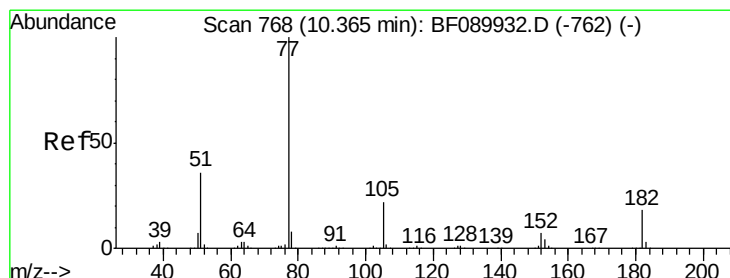
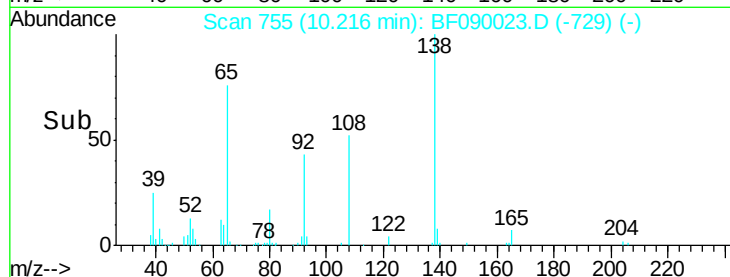
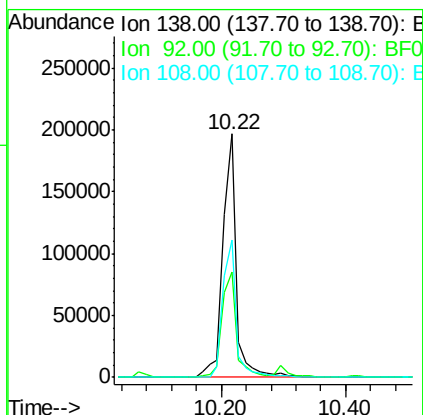
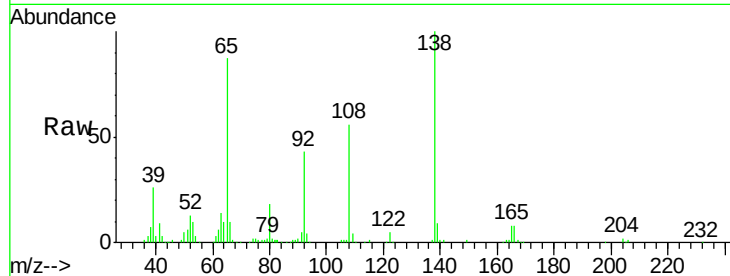
#61
4-Nitroaniline
Concen: 44.56 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.2	21.2	61.2
108	56.2	37.7	77.7

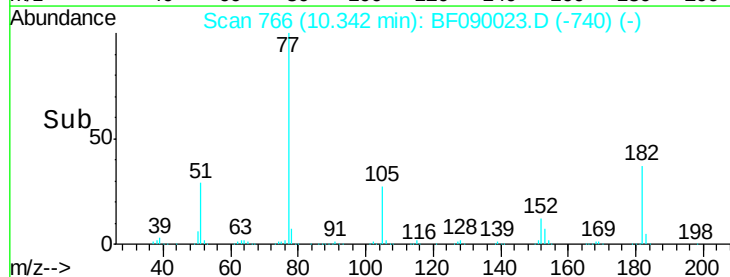
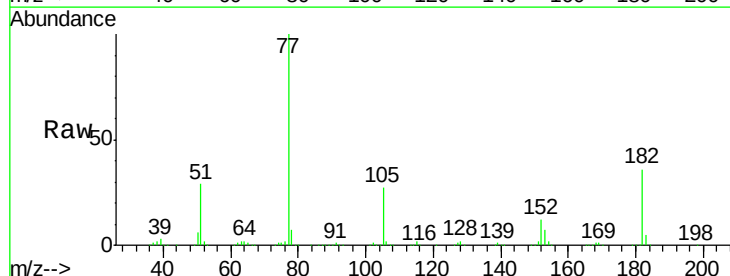
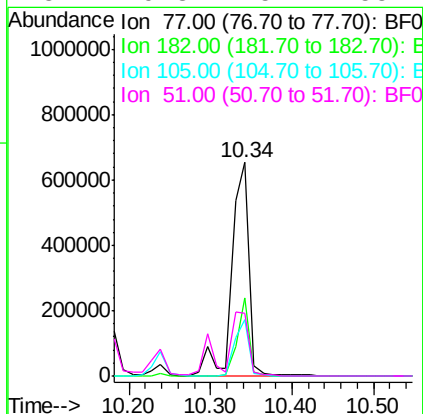
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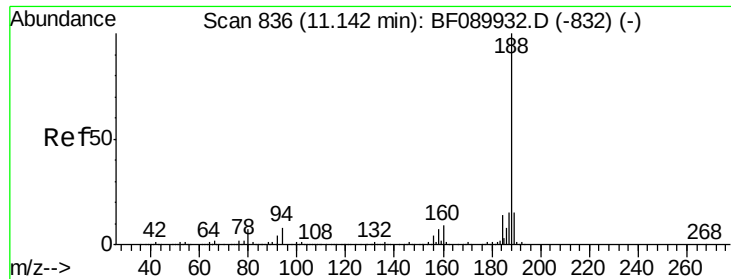
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#62
Azobenzene
Concen: 38.93 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	36.5	0.0	38.6
105	26.6	2.3	42.3
51	29.3	15.1	55.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

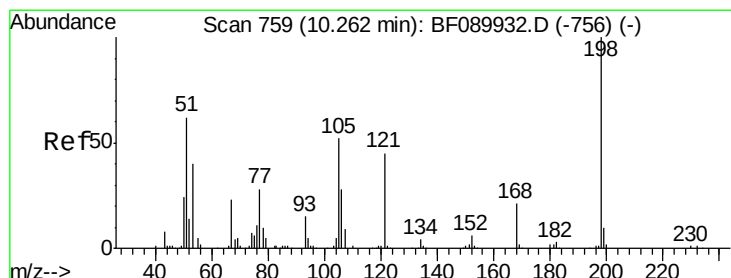
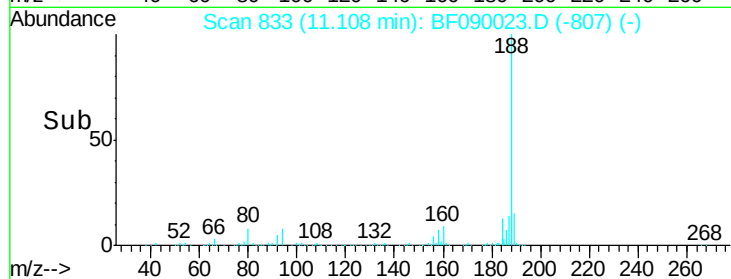
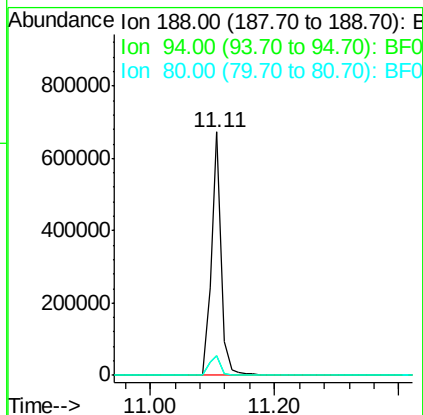
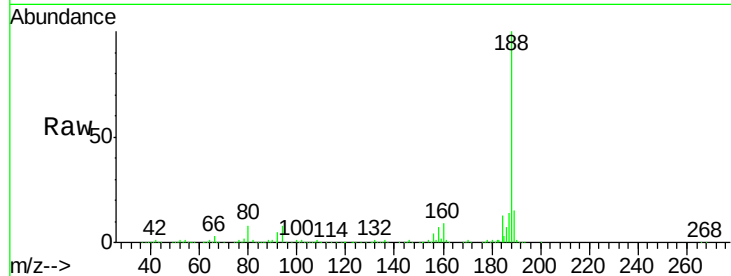
ClientSampleId :

SSTDCCC040

Tgt	Ion:188	Resp:	722260
Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.9	8.9
80	8.2	5.8	8.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.87 ng

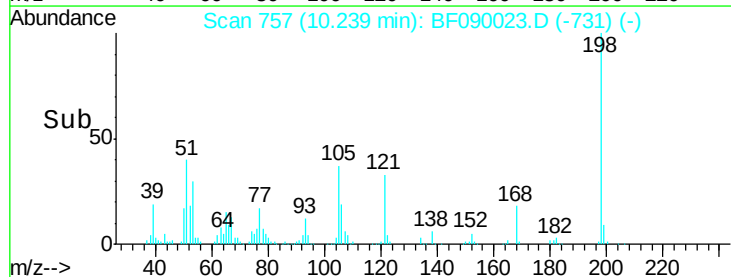
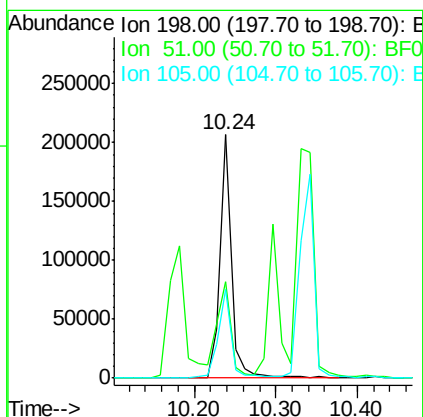
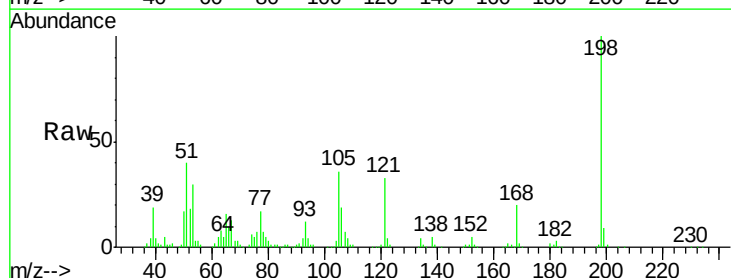
RT: 10.24 min Scan# 757

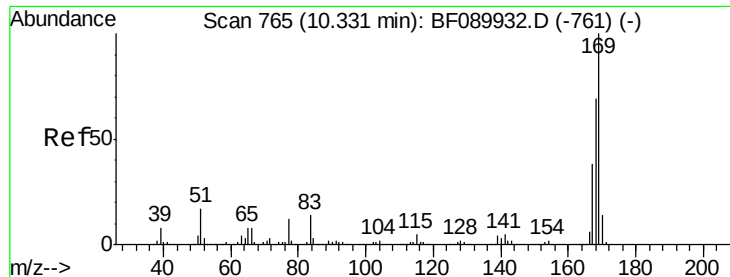
Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Tgt	Ion:198	Resp:	202864
Ion	Ratio	Lower	Upper
198	100		
51	39.6	43.0	83.0#
105	36.3	30.3	70.3





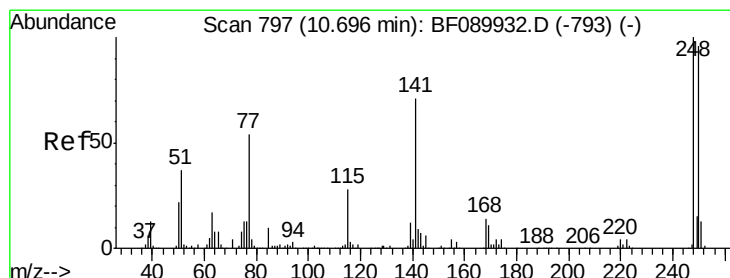
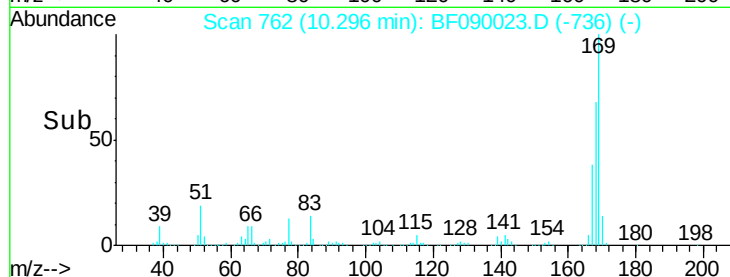
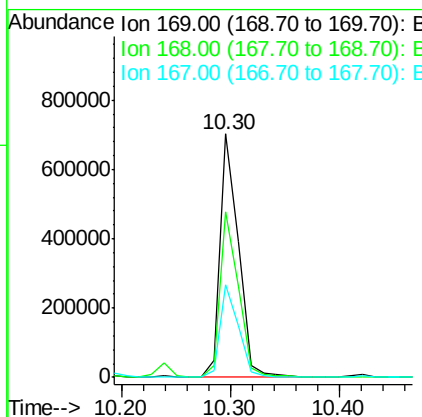
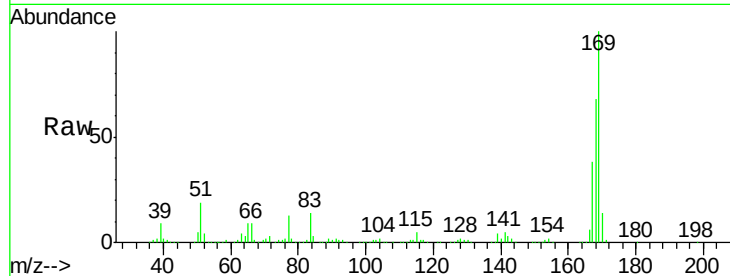
#65
n-Nitrosodiphenylamine
Concen: 38.33 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	832189		
168	68.2	55.0	82.4	
167	37.8	30.5	45.7	

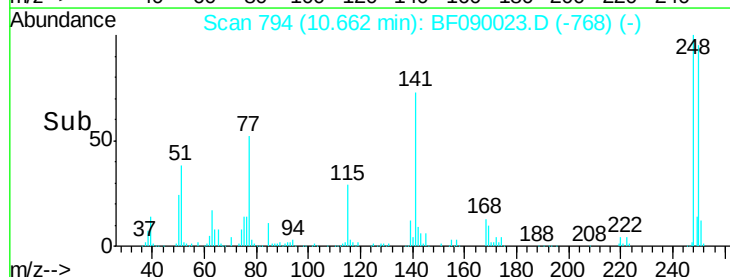
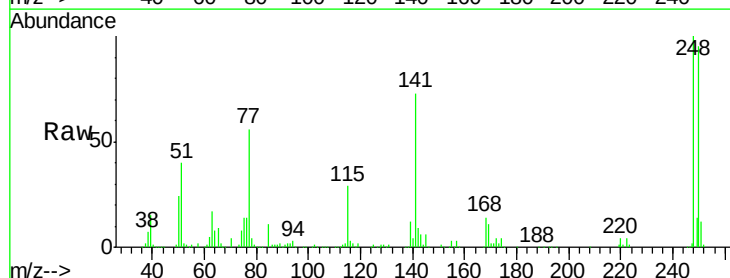
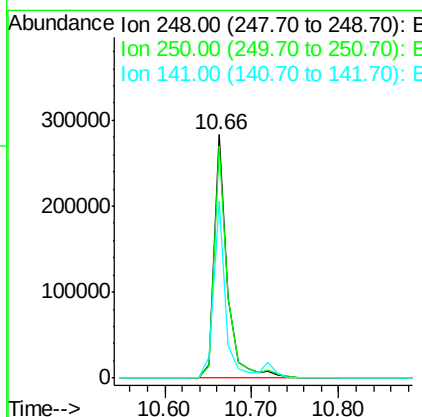
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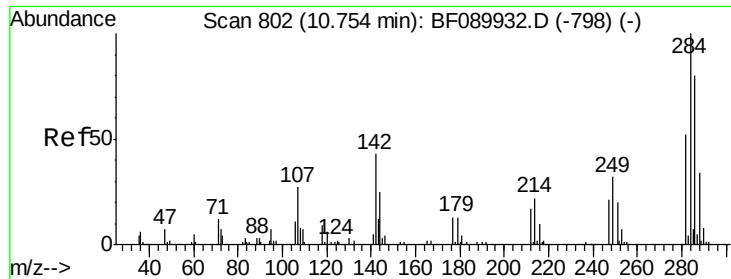
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#66
4-Bromophenyl-phenylether
Concen: 41.64 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	302775		
250	95.3	77.3	115.9	
141	72.9	55.8	83.8	





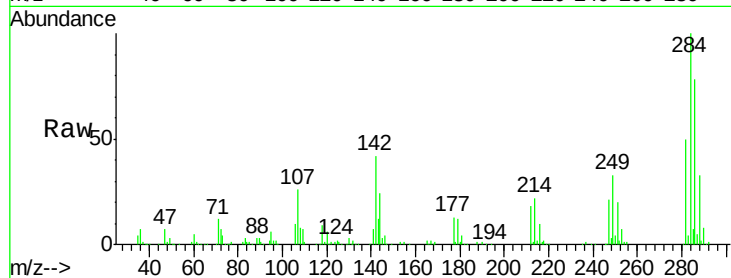
#67
Hexachlorobenzene
Concen: 38.35 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

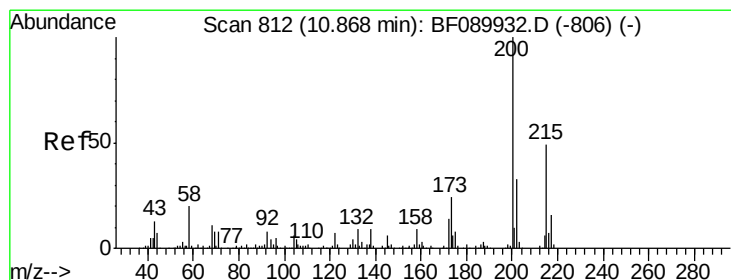
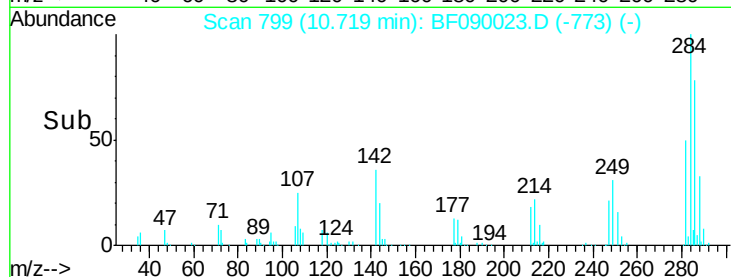
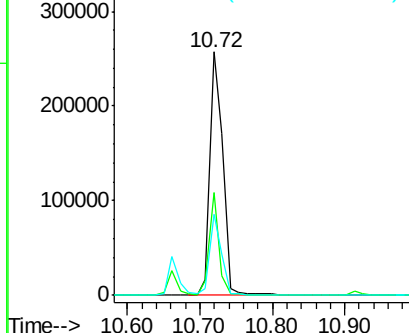
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	318544		
142	42.1	32.7	49.1	
249	33.4	26.9	40.3	

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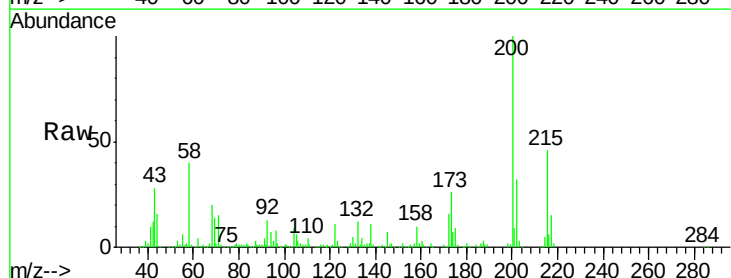


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

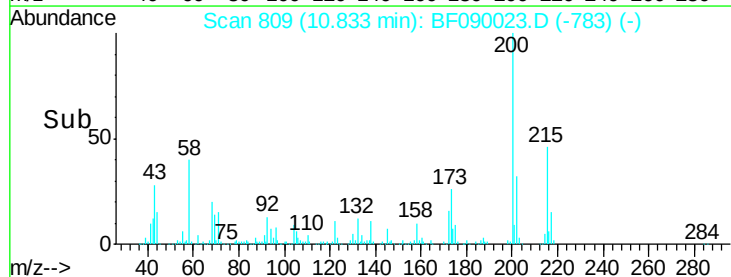
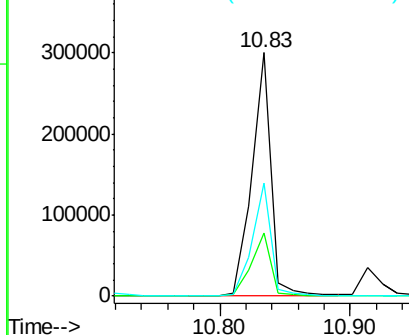


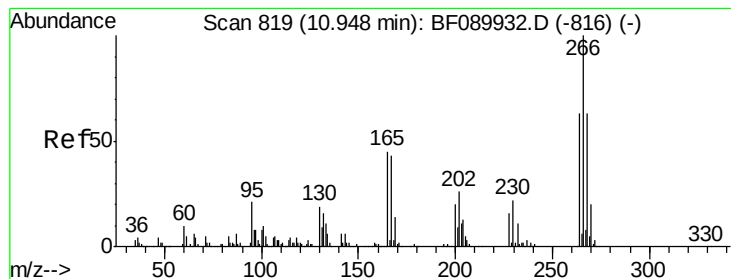
#68
Atrazine
Concen: 42.11 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	305285		
173	25.9	9.4	49.4	
215	46.5	24.5	64.5	



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: 46.10 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 266 Resp: 206002
Ion Ratio Lower Upper

266 100

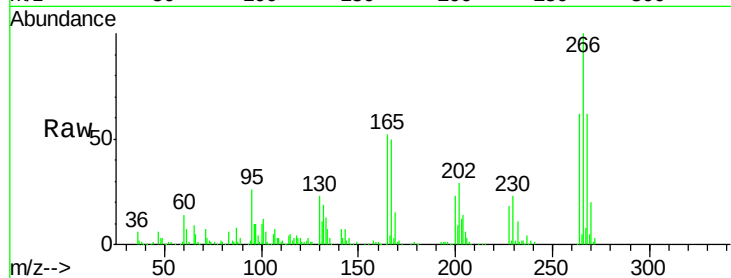
268 61.9 51.0 76.6

264 62.4 50.6 75.8

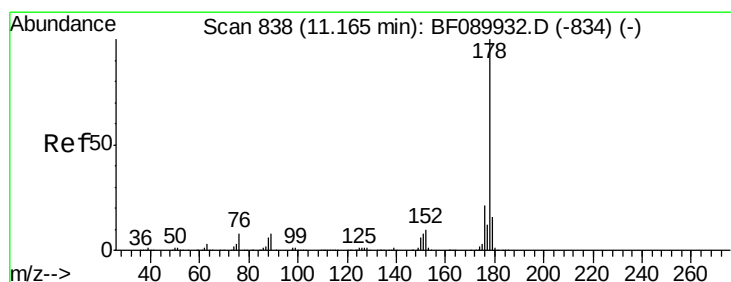
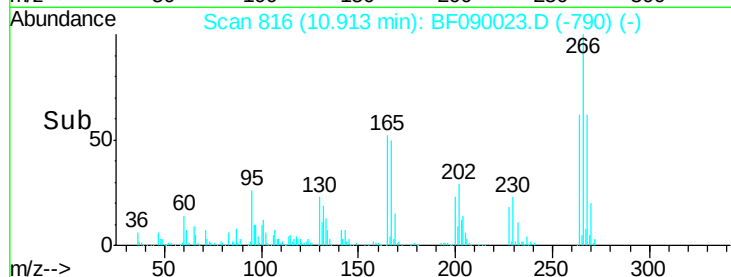
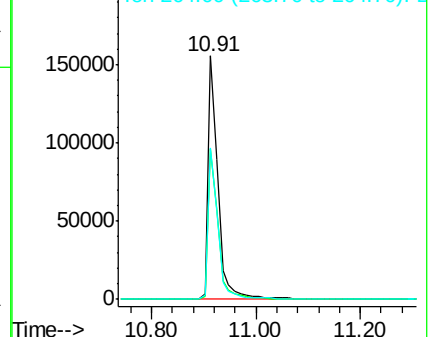
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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.19 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF090023.D

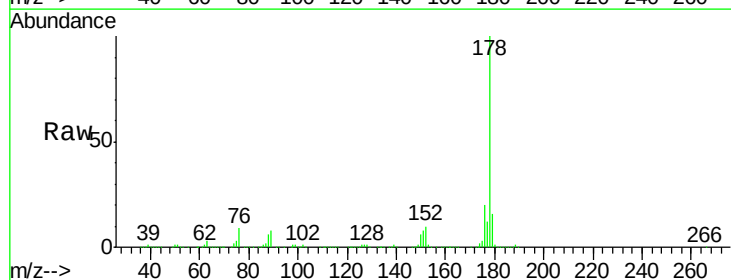
Acq: 8 Sep 2016 14:30

Tgt Ion: 178 Resp: 1337482
Ion Ratio Lower Upper

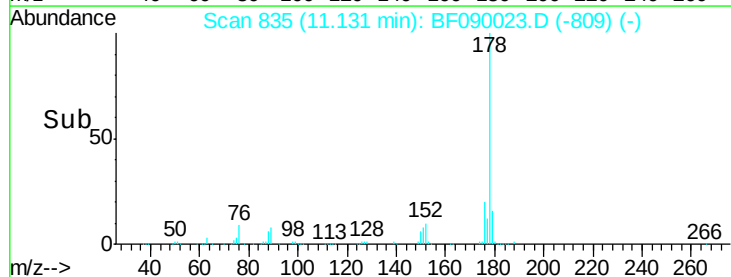
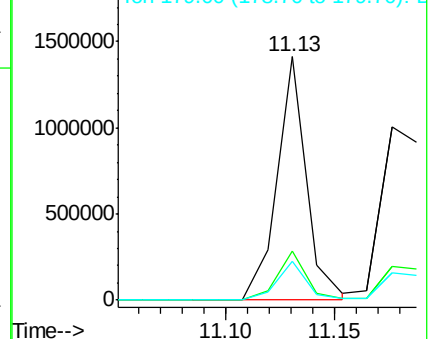
178 100

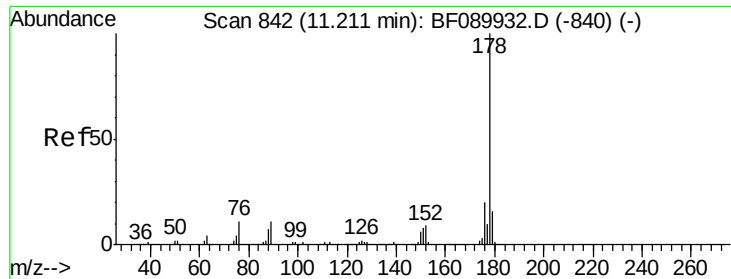
176 20.0 16.5 24.7

179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





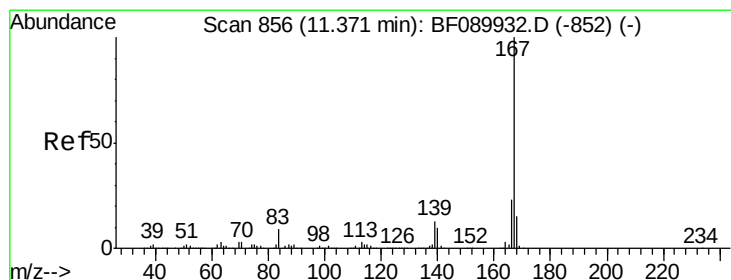
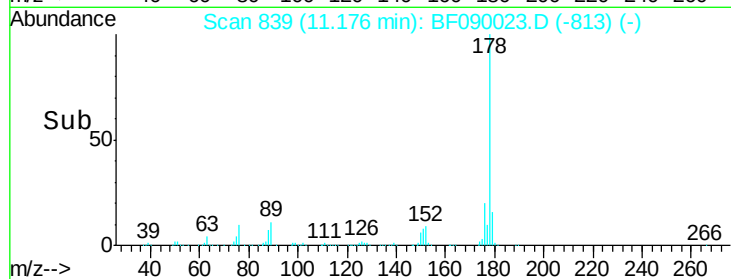
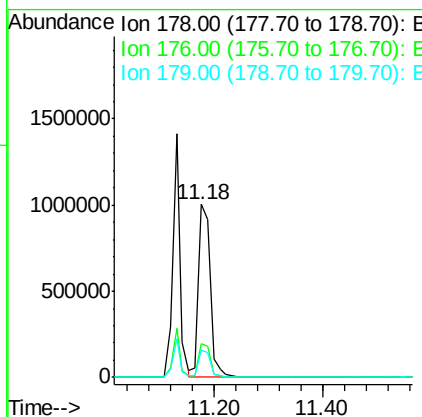
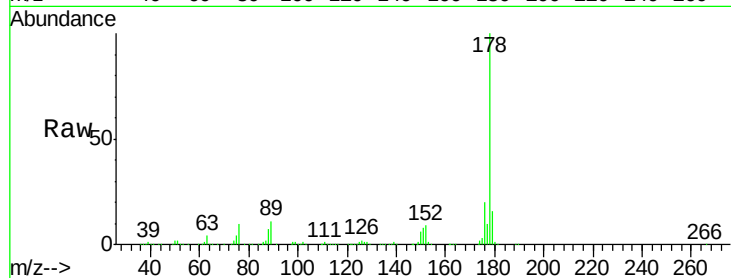
#71
 Anthracene
 Concen: 41.05 ng
 RT: 11.18 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1497593
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.9 13.0 19.4

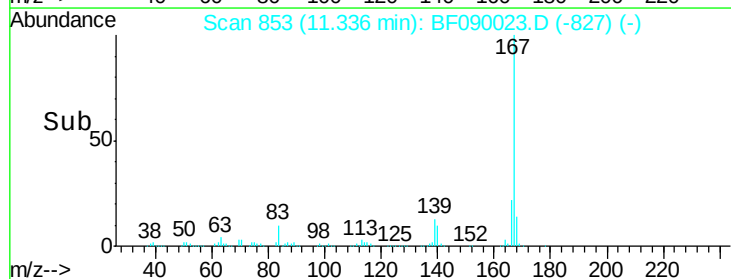
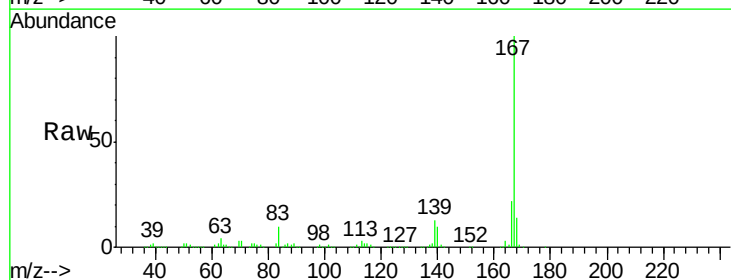
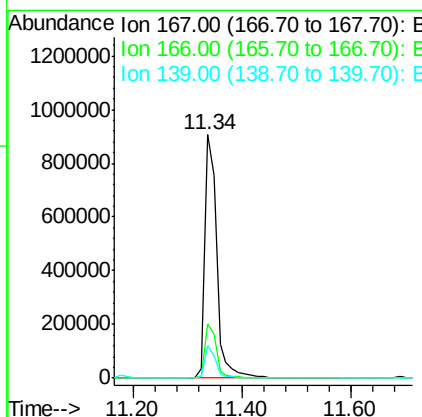
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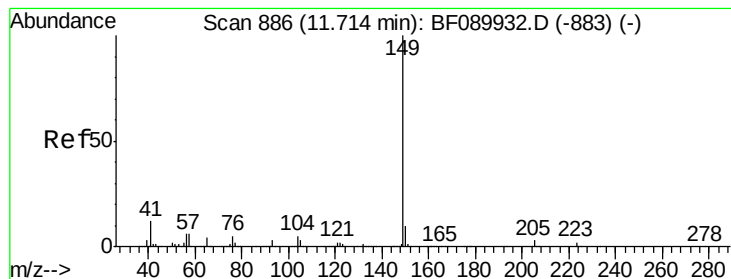
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#72
 Carbazole
 Concen: 40.03 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Tgt Ion:167 Resp: 1369281
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.5 10.4 15.6





#73

Di-n-butylphthalate

Concen: 40.31 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1607002

Ion Ratio Lower Upper

149 100

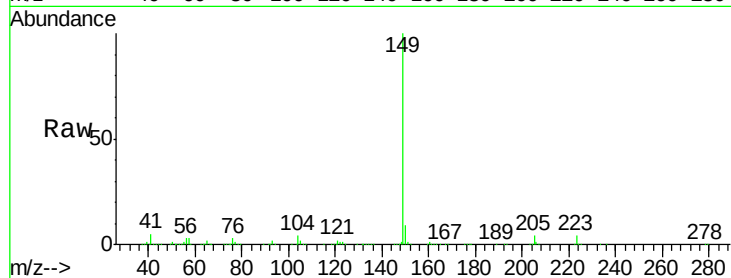
150 9.1 7.8 11.8

104 3.7 3.9 5.9#

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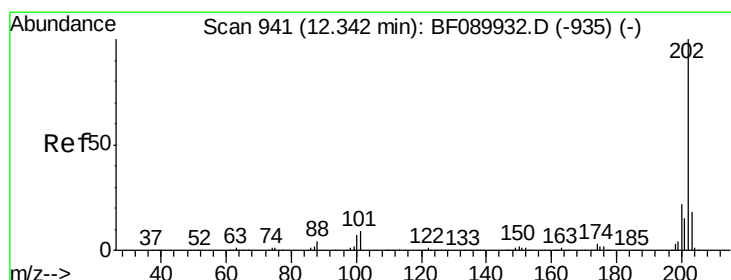
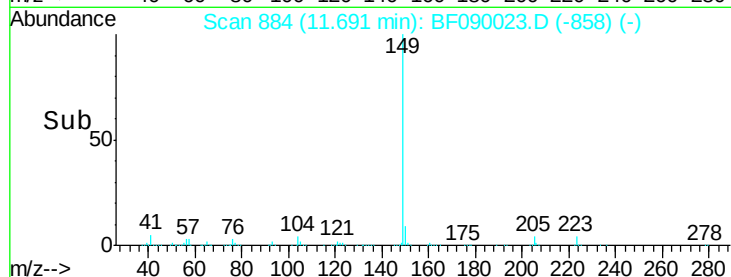
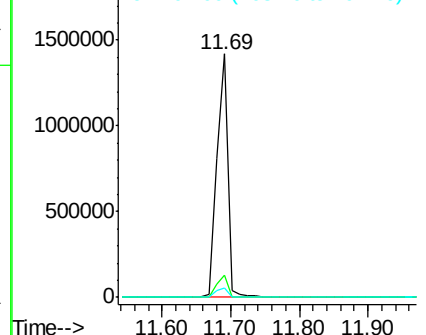
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.91 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

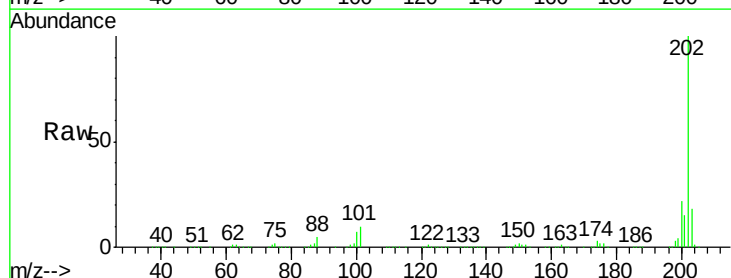
Tgt Ion:202 Resp: 1541920

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.5

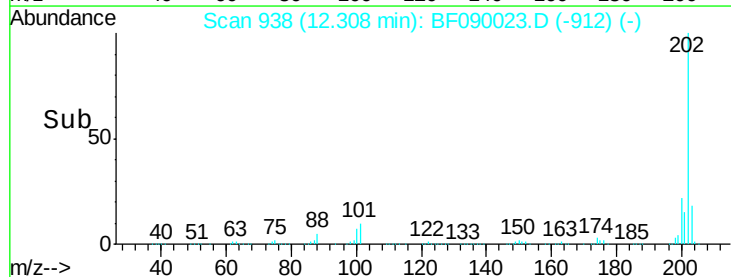
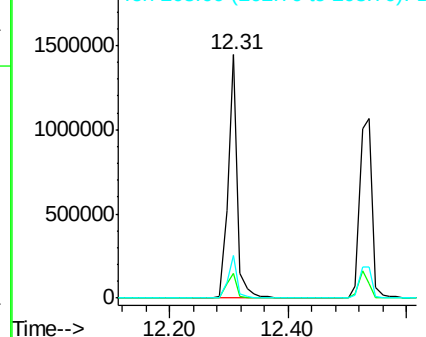
203 17.7 0.0 38.0

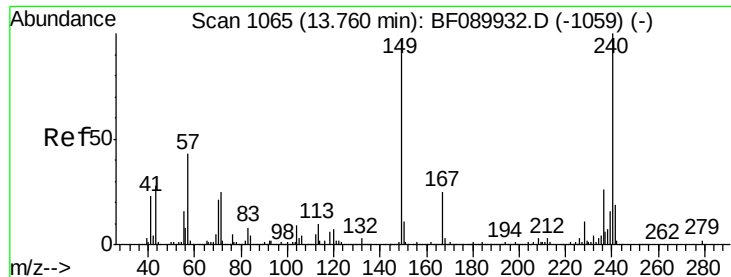


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

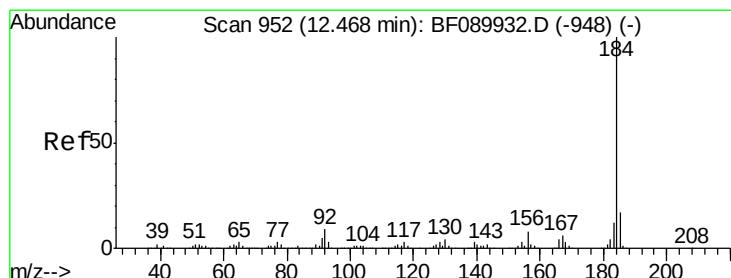
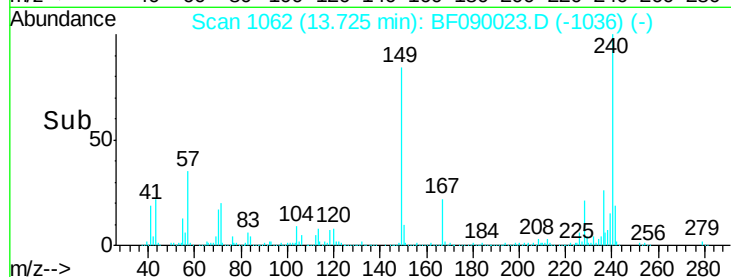
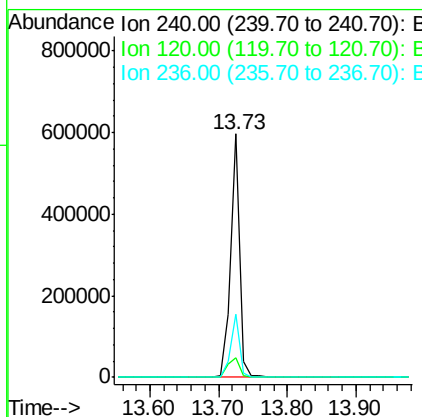
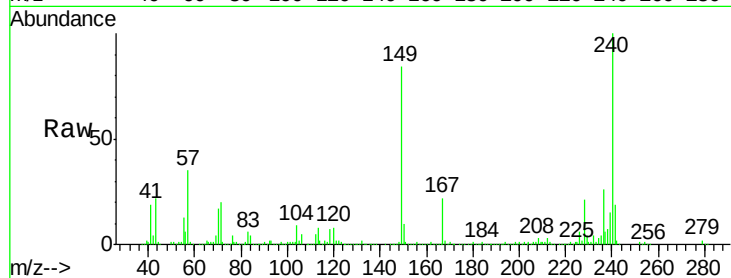
ClientSampleId :

SSTDCCC040

Tgt Ion:	240	Resp:	556202
Ion Ratio	Lower	Upper	
240	100		
120	7.9	5.7	8.5
236	26.2	21.3	31.9

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#76

Benzidine

Concen: 42.55 ng

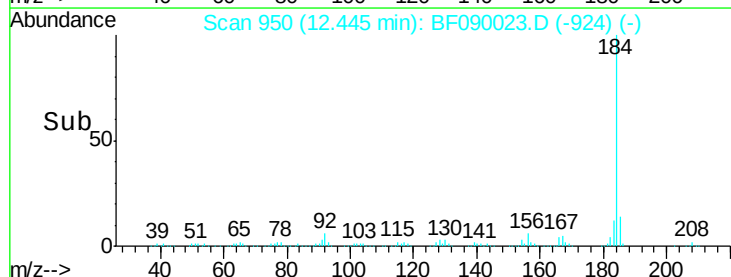
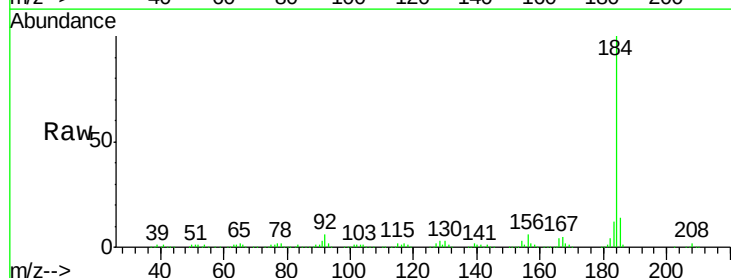
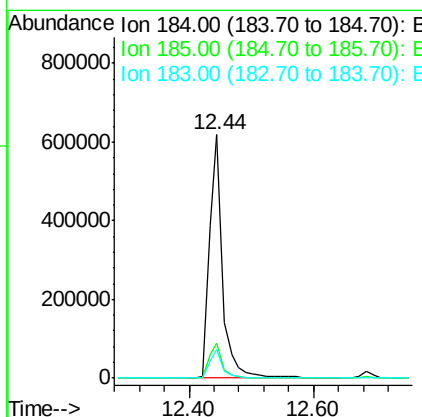
RT: 12.44 min Scan# 950

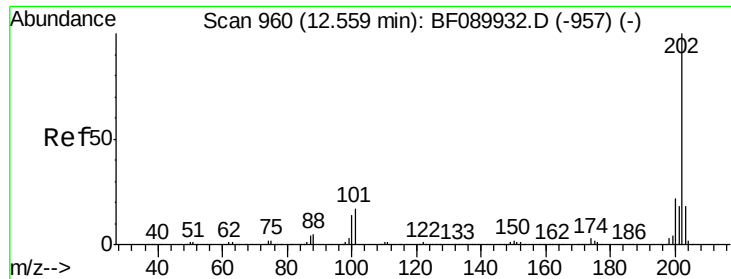
Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Tgt Ion:	184	Resp:	896584
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.8	20.8
183	11.7	9.6	14.4





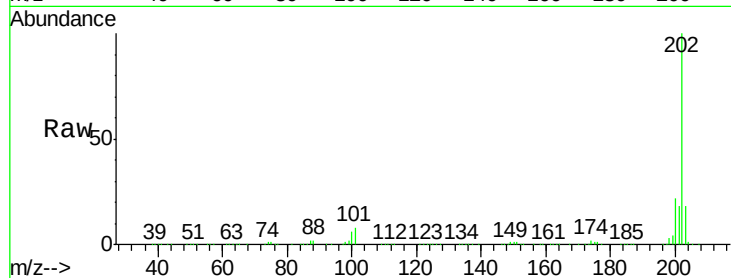
#77
 Pyrene
 Concen: 39.48 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

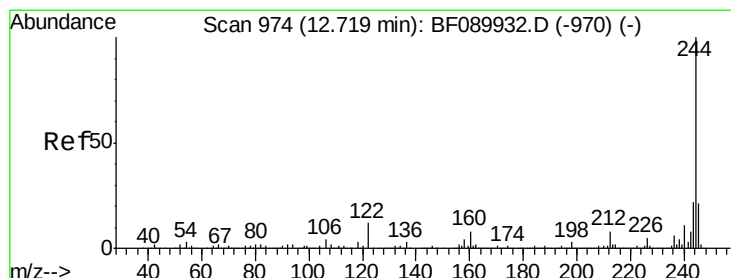
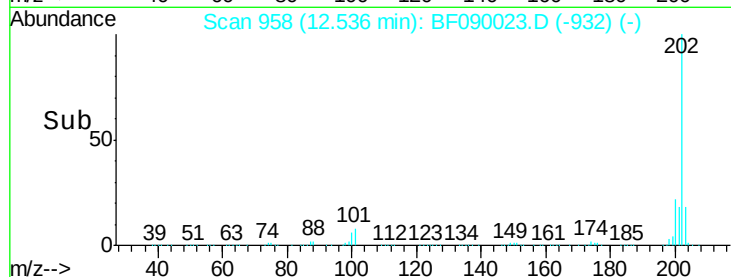
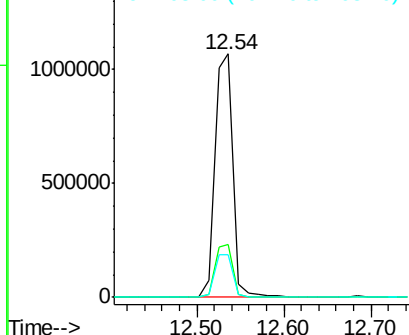
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.5	14.6	21.8

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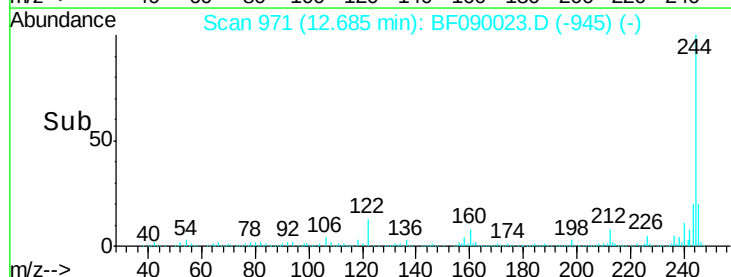
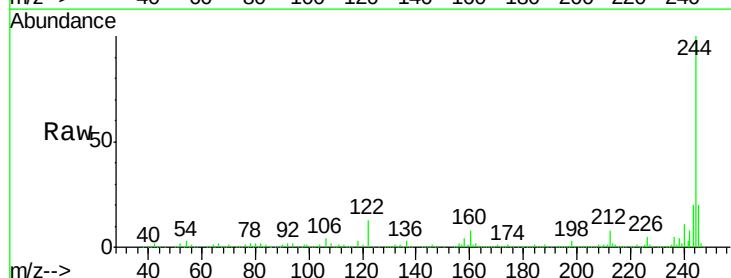
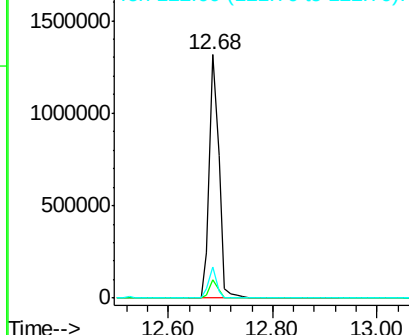
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

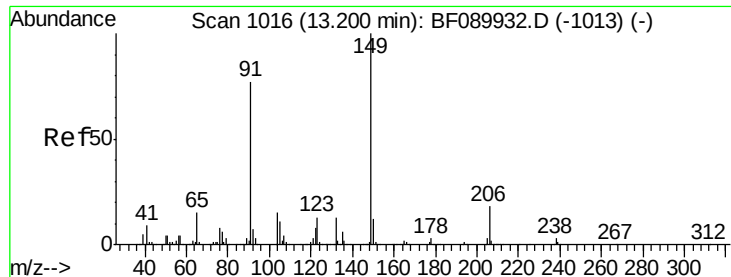


#78
 Terphenyl-d14
 Concen: 74.71 ng
 RT: 12.68 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.7	9.6	14.4

Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





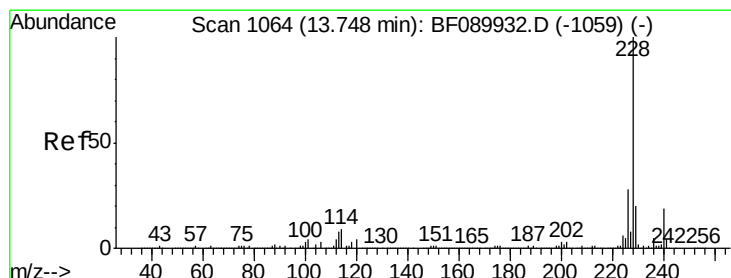
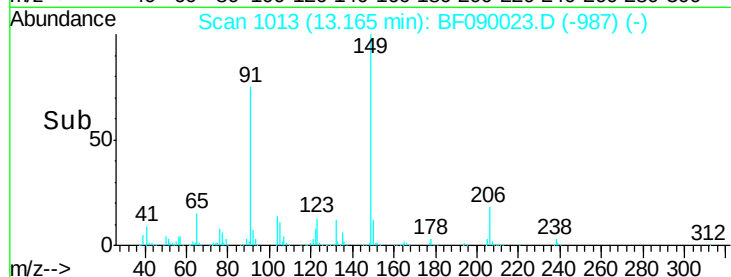
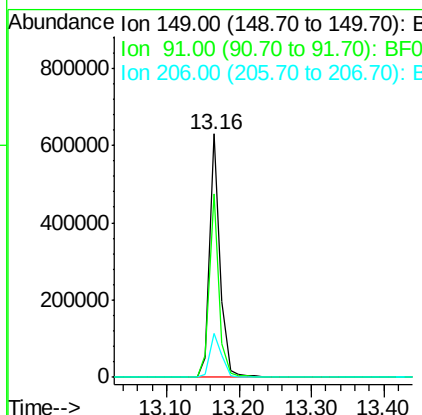
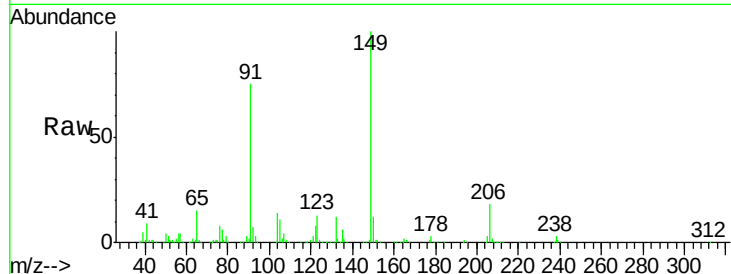
#79
Butylbenzylphthalate
Concen: 39.90 ng
RT: 13.16 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.3	60.0	90.0
206	18.0	15.1	22.7

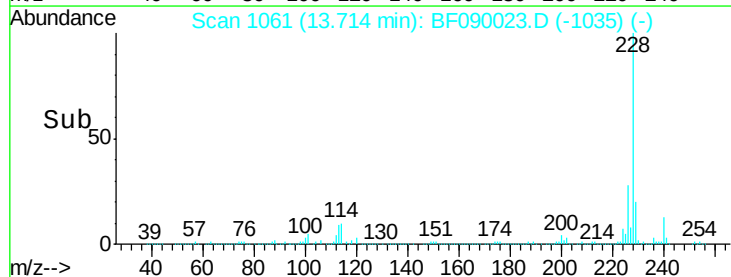
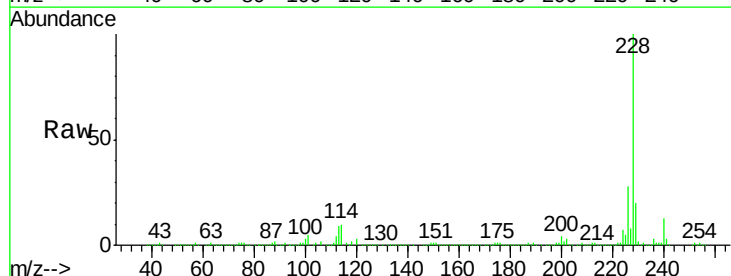
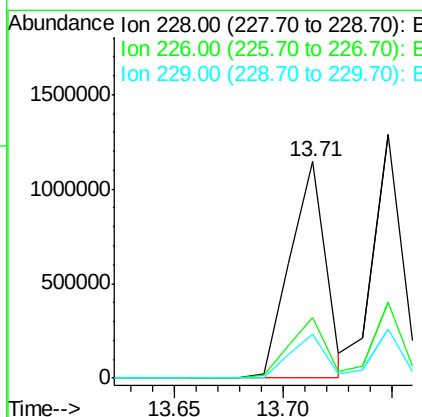
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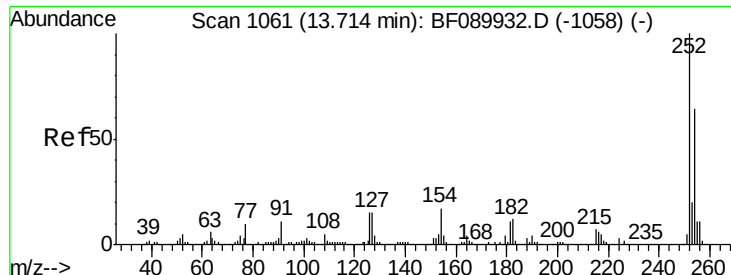
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#80
Benzo(a)anthracene
Concen: 38.28 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	20.1	15.8	23.6





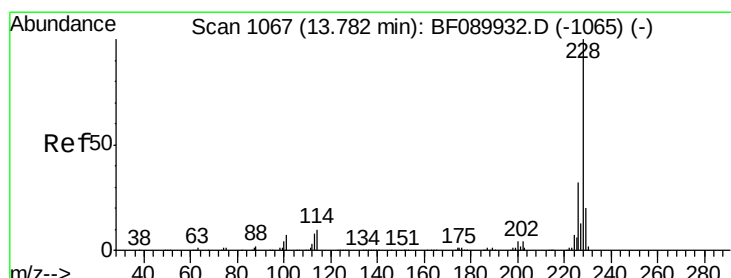
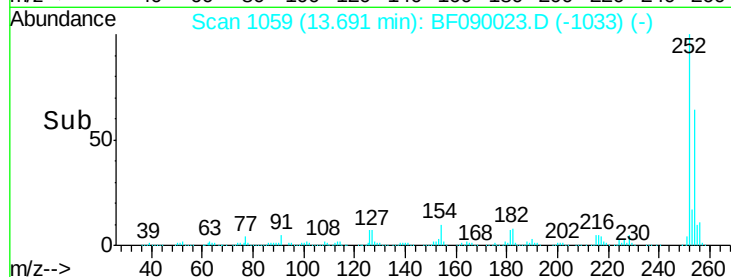
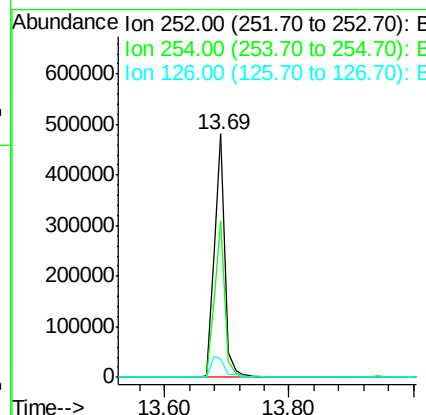
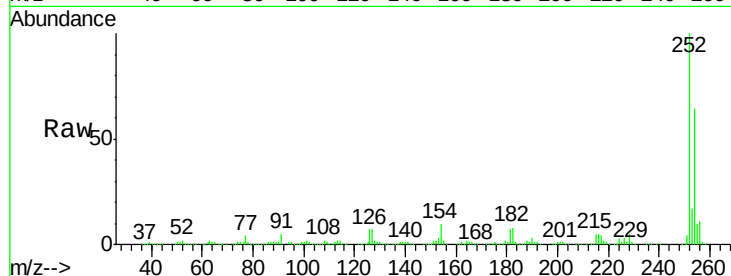
#81
 3,3'-Dichlorobenzidine
 Concen: 45.35 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	557604		
254	64.2	51.3	76.9	
126	7.4	12.3	18.5	

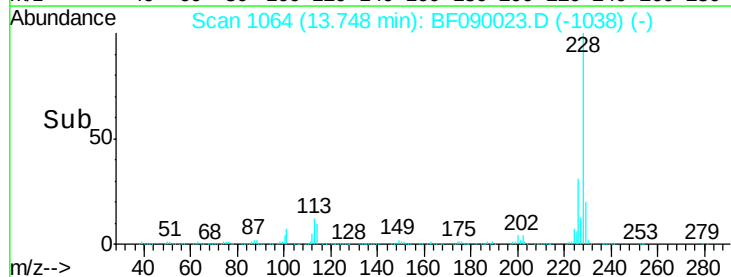
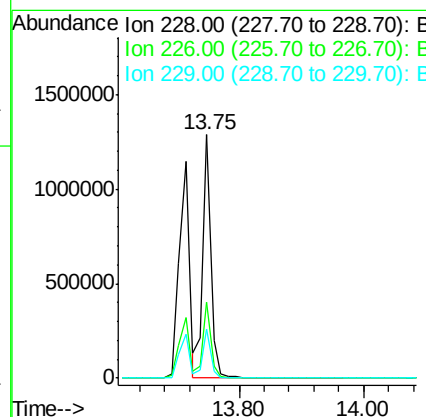
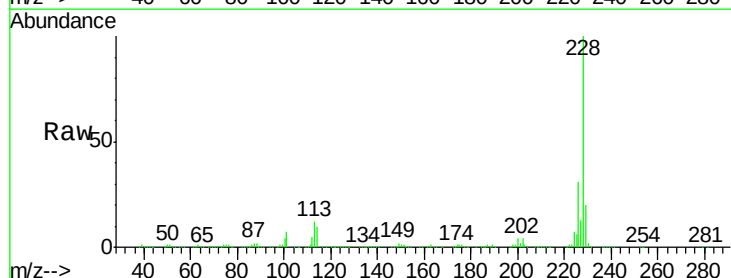
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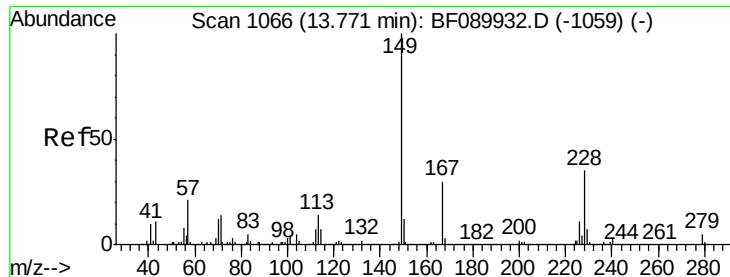
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#82
 Chrysene
 Concen: 38.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1209203		
226	31.2	25.2	37.8	
229	20.0	16.2	24.2	





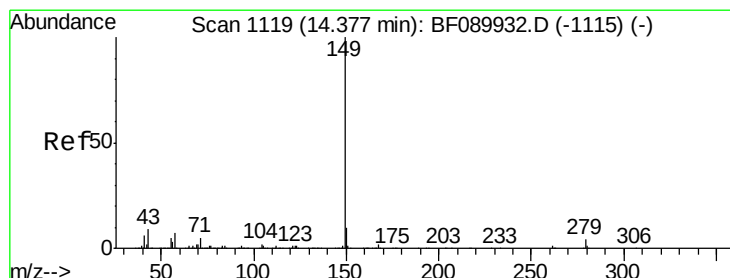
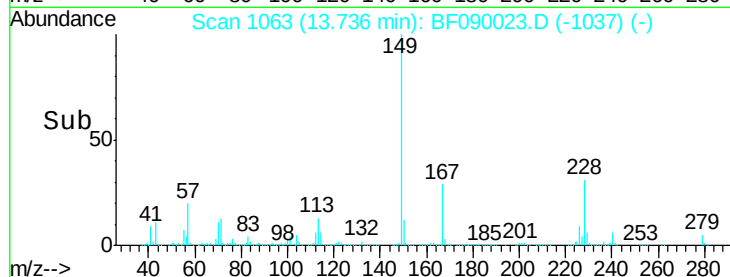
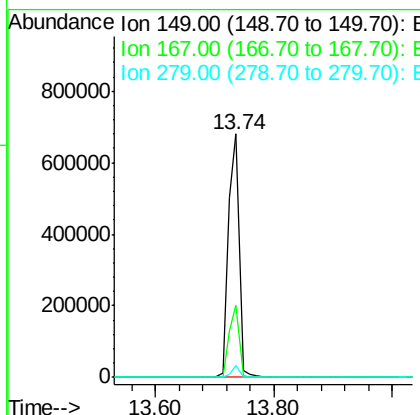
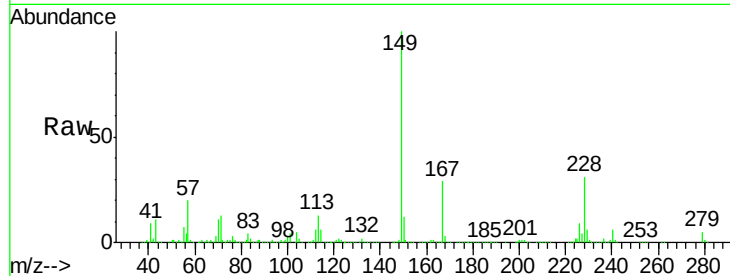
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.88 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.6	35.4
279	4.9	3.4	5.2

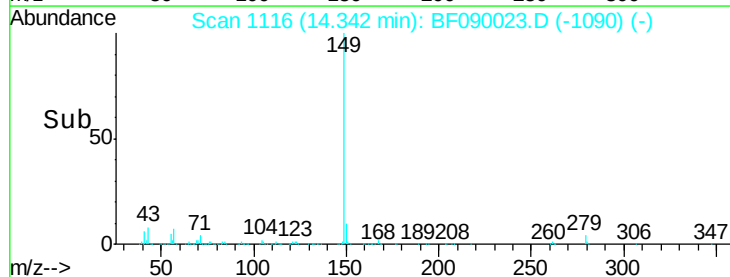
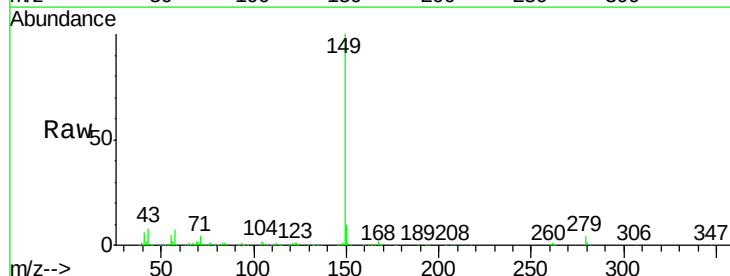
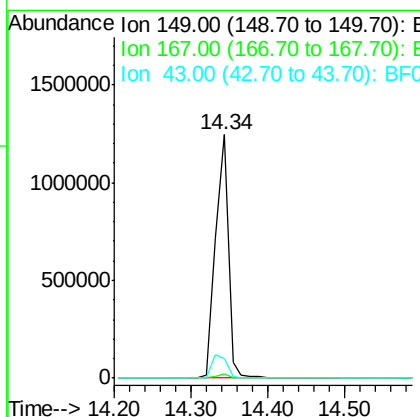
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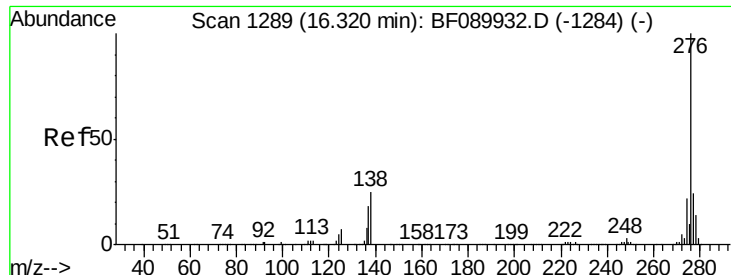
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#84
 Di-n-octyl phthalate
 Concen: 41.01 ng
 RT: 14.34 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.2	9.3	13.9





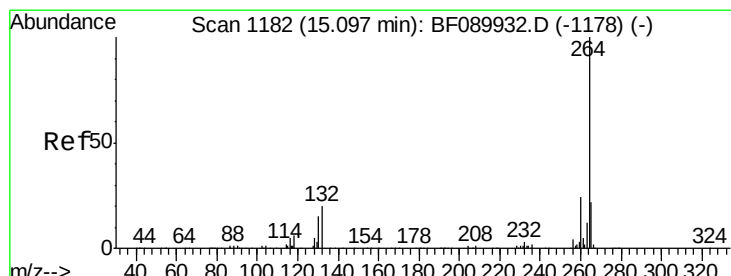
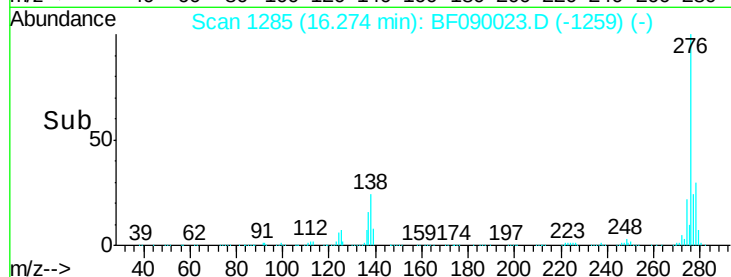
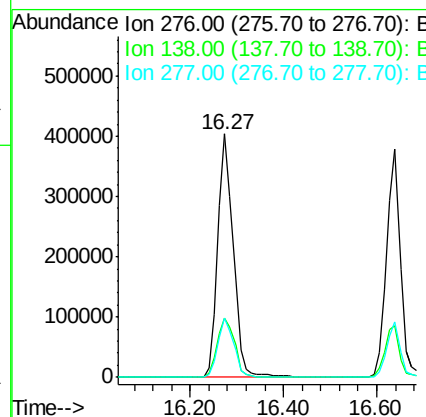
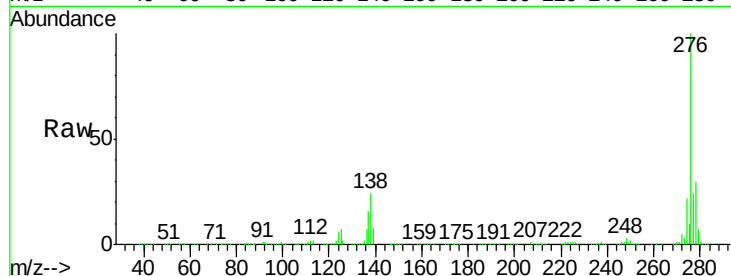
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.08 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	22.6	34.0
277	25.0	20.1	30.1

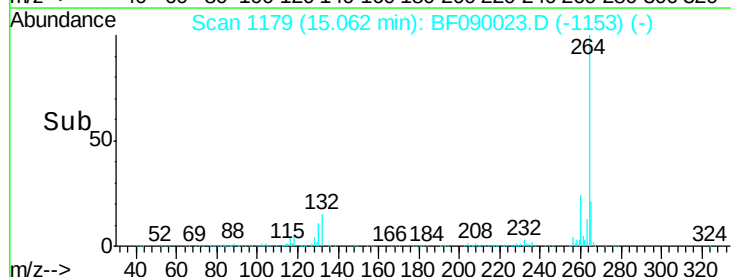
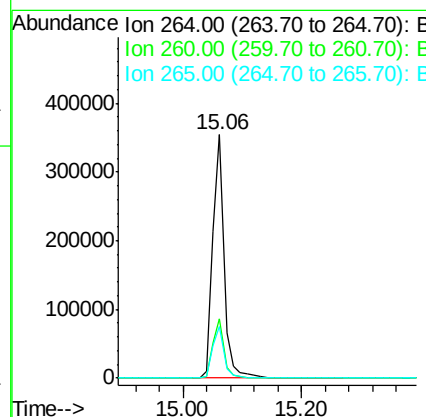
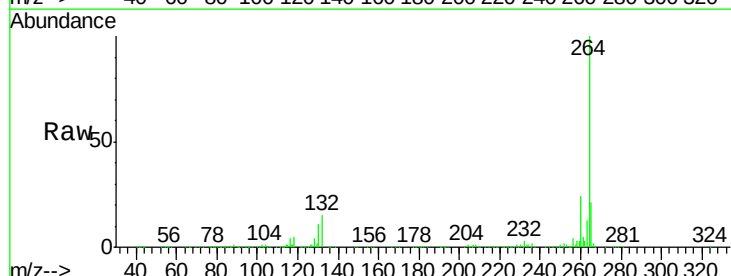
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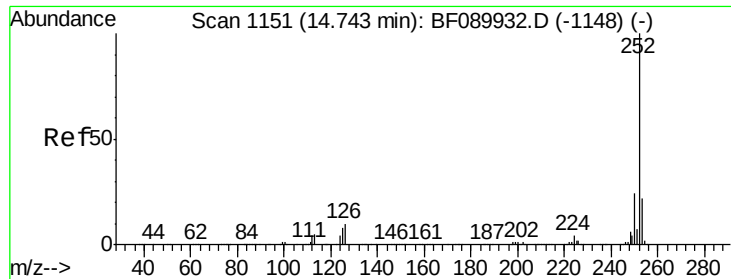
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.0	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 44.96 ng m

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 1325692

Ion Ratio Lower Upper

252 100

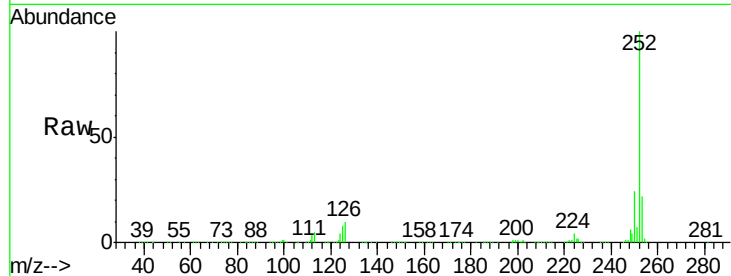
253 22.2 18.0 27.0

125 7.6 5.7 8.5

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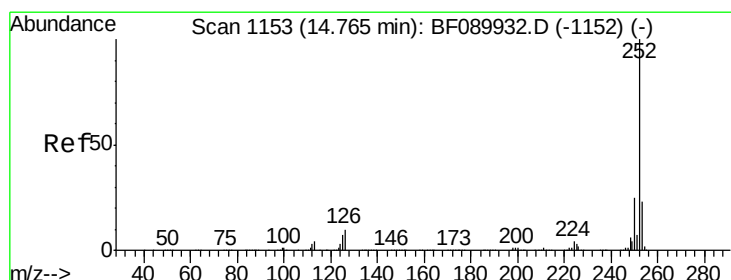
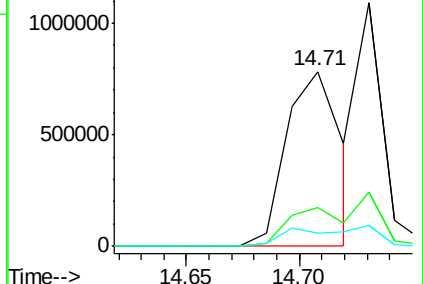
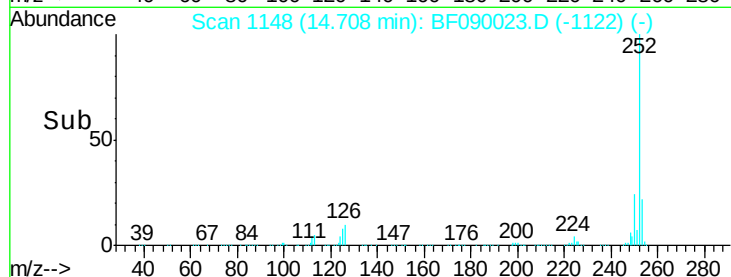
9/9/2016 8:38:14 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.37 ng m

RT: 14.73 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF090023.D

Acq: 8 Sep 2016 14:30

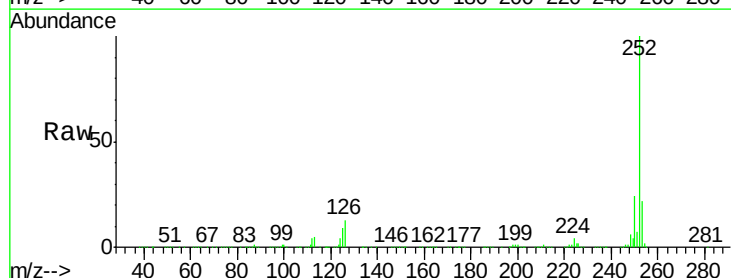
Tgt Ion:252 Resp: 859955

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

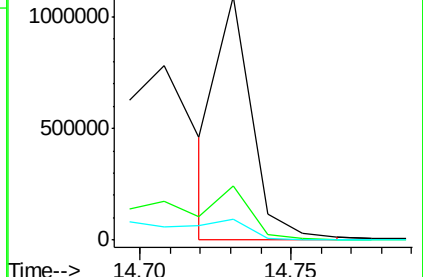
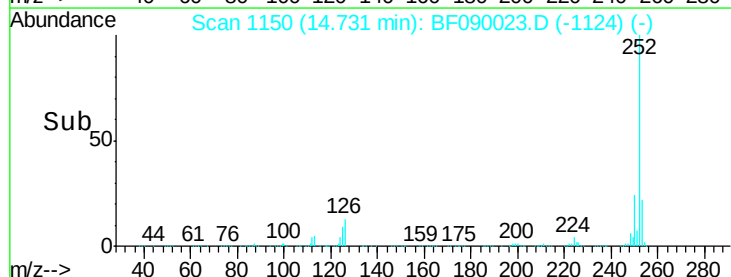
125 8.6 7.3 10.9

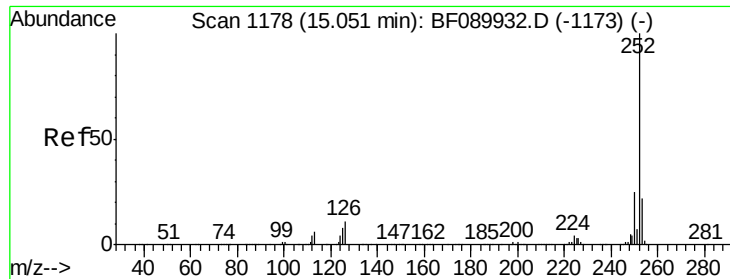


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





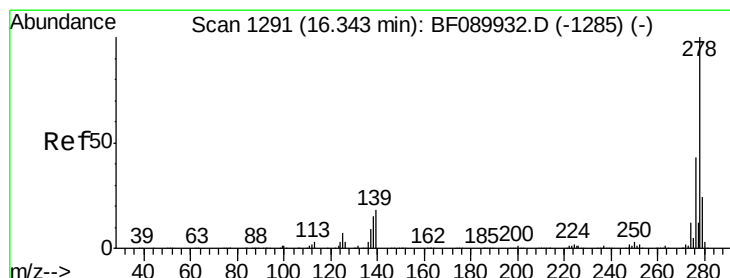
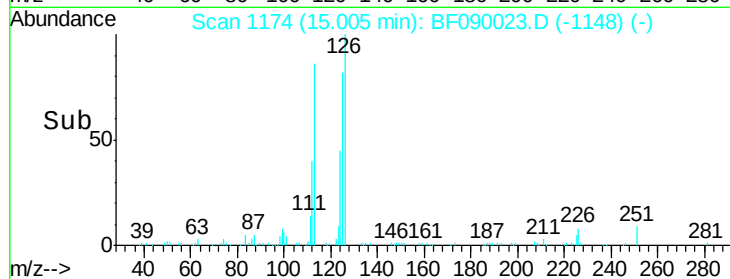
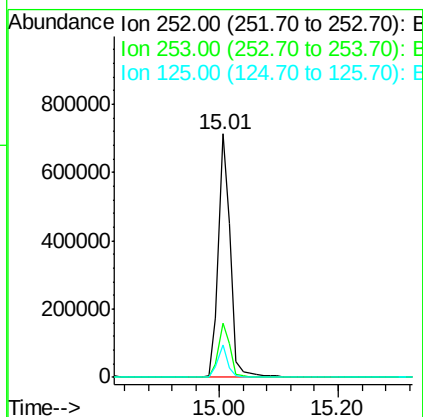
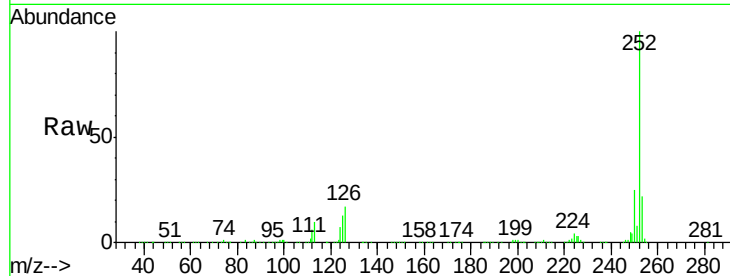
#89
Benzo(a)pyrene
Concen: 38.94 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	13.2	6.3	9.5#

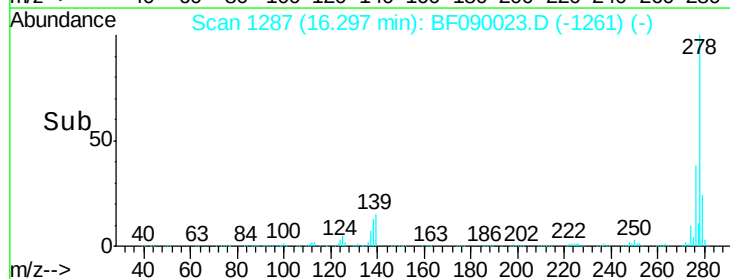
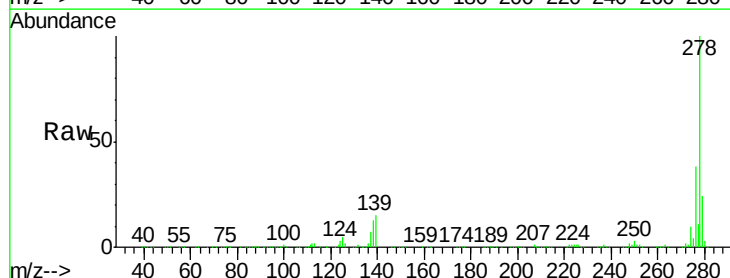
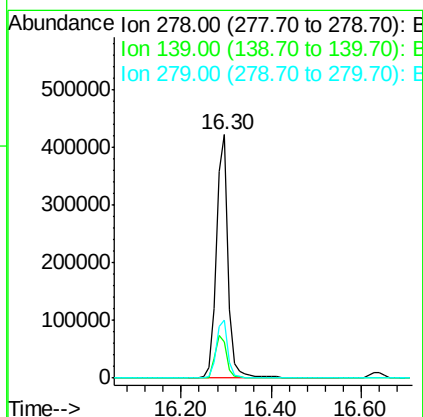
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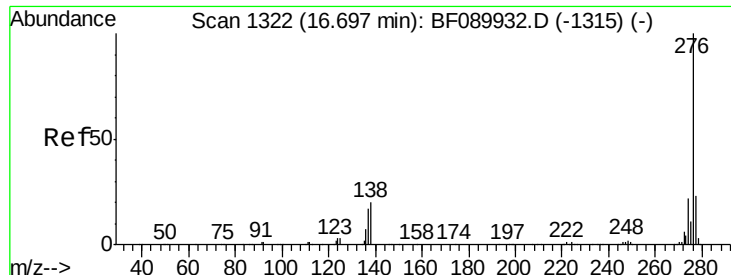
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#90
Dibenzo(a,h)anthracene
Concen: 41.38 ng
RT: 16.30 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF090023.D
Acq: 8 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.4	20.2
279	23.9	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 42.10 ng
 RT: 16.64 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF090023.D
 Acq: 8 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	784408
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.0	28.4
138	22.5	16.4	24.6

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