

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088804.D
 Acq On : 8 Jul 2016 3:28
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

SOHIL
 7/8/2016 7:04:23 AM

Quant Time: Jul 08 04:17:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	79858	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	325175	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	120852	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	193554	20.00	ng	0.00
75) Chrysene-d12	13.90	240	157636	20.00	ng	0.01
86) Perylene-d12	15.27	264	139023	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	437213	82.05	ng	0.01
7) Phenol-d6	6.39	99	499387	72.53	ng	0.00
23) Nitrobenzene-d5	7.31	82	441649	71.18	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	93647	83.45	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	682714	89.23	ng	0.00
78) Terphenyl-d14	12.85	244	552507	78.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	93872	35.53	ng	# 37
3) Pyridine	2.92	79	277070	36.14	ng	91
4) n-Nitrosodimethylamine	2.88	42	99695	34.04	ng	93
6) Aniline	6.41	93	369790	36.85	ng	93
8) 2-Chlorophenol	6.52	128	223430	39.01	ng	95
9) Benzaldehyde	6.28	77	153362	32.88	ng	87
10) Phenol	6.40	94	248693	31.65	ng	# 40
11) bis(2-Chloroethyl)ether	6.49	93	237522	40.53	ng	# 82
12) 1,3-Dichlorobenzene	6.68	146	255037	40.47	ng	99
13) 1,4-Dichlorobenzene	6.76	146	268637	42.95	ng	99
14) 1,2-Dichlorobenzene	6.91	146	216062	36.90	ng	# 86
15) Benzyl Alcohol	6.89	79	175271	34.59	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	272336	32.09	ng	89
17) 2-Methylphenol	7.02	107	192940	41.30	ng	98
18) Hexachloroethane	7.26	117	74238	30.68	ng	# 81
19) n-Nitroso-di-n-propylamine	7.18	70	171048	36.99	ng	# 80
20) 3+4-Methylphenols	7.16	107	204815	36.53	ng	# 70
22) Acetophenone	7.16	105	332788	42.17	ng	# 92
24) Nitrobenzene	7.34	77	268655	42.94	ng	94
25) Isophorone	7.58	82	429326	37.35	ng	97
26) 2-Nitrophenol	7.64	139	84395	32.90	ng	# 90
27) 2,4-Dimethylphenol	7.69	122	180370	33.76	ng	# 85
28) bis(2-Chloroethoxy)methane	7.79	93	298440	39.90	ng	# 97
29) 2,4-Dichlorophenol	7.90	162	173612	40.20	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	195789	41.31	ng	100
31) Naphthalene	8.06	128	676332	42.19	ng	99
32) Benzoic acid	7.82	122	80734	20.81	ng	96
33) 4-Chloroaniline	8.10	127	249314	34.95	ng	96
34) Hexachlorobutadiene	8.17	225	103252	40.69	ng	97
35) Caprolactam	8.48	113	47068	32.09	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	193782	37.95	ng	93
37) 2-Methylnaphthalene	8.74	142	362809	35.15	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	203868	50.72	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	7118	3.61	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	108762	41.04	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	94034	41.24	nq #	80
45) 1,1'-Biphenyl	9.21	154	476993	47.66	nq	98
46) 2-Chloronaphthalene	9.23	162	357777	45.54	nq	99
47) 2-Nitroaniline	9.32	65	104816	37.59	nq	96
48) Acenaphthylene	9.64	152	550027	44.00	nq	99
49) Dimethylphthalate	9.52	163	398696	46.31	nq	98
50) 2,6-Dinitrotoluene	9.58	165	83635	43.83	nq	98
51) Acenaphthene	9.82	154	300905	39.27	nq	99
52) 3-Nitroaniline	9.74	138	86795	35.78	nq	87
53) 2,4-Dinitrophenol	9.84	184	2729	3.24	nq #	69
54) Dibenzofuran	9.99	168	420402	41.92	nq #	89
55) 4-Nitrophenol	9.91	139	57648	31.27	nq #	69
56) 2,4-Dinitrotoluene	9.98	165	102090	40.92	nq #	85
57) Fluorene	10.33	166	340044	44.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	63155	35.80	nq #	52
59) Diethylphthalate	10.22	149	377508	43.69	nq	96
60) 4-Chlorophenyl-phenylether	10.32	204	140607	39.15	nq #	80
61) 4-Nitroaniline	10.34	138	89879	38.50	nq	82
62) Azobenzene	10.48	77	345994	35.10	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	7590	7.33	nq	93
65) n-Nitrosodiphenylamine	10.44	169	316665	48.34	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	85565	43.87	nq #	82
67) Hexachlorobenzene	10.88	284	96552	44.72	nq #	80
68) Atrazine	10.97	200	74053	36.28	nq	91
69) Pentachlorophenol	11.07	266	44509	34.83	nq	99
70) Phenanthrene	11.28	178	407823	38.54	nq	99
71) Anthracene	11.34	178	458502	43.58	nq	99
72) Carbazole	11.50	167	408144	41.22	nq	97
73) Di-n-butylphthalate	11.83	149	472358	41.01	nq	99
74) Fluoranthene	12.47	202	477812	44.55	nq	98
76) Benzidine	12.59	184	306965	38.53	nq	99
77) Pyrene	12.70	202	510650	38.21	nq	99
79) Butylbenzylphthalate	13.33	149	236340	39.64	nq	94
80) Benzo(a)anthracene	13.87	228	415540	40.94	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	174631	45.76	nq	97
82) Chrysene	13.92	228	419009	41.72	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	298308	43.83	nq	99
84) Di-n-octyl phthalate	14.49	149	534037	46.18	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	284943	36.88	nq #	100
87) Benzo(b)fluoranthene	14.89	252	372549m	42.72	nq	
88) Benzo(k)fluoranthene	14.91	252	290052m	38.20	nq	
89) Benzo(a)pyrene	15.22	252	305752	41.41	nq #	93
90) Dibenzo(a,h)anthracene	16.61	278	249650	40.49	nq	100
91) Benzo(g,h,i)perylene	16.99	276	241353	37.83	nq #	93

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

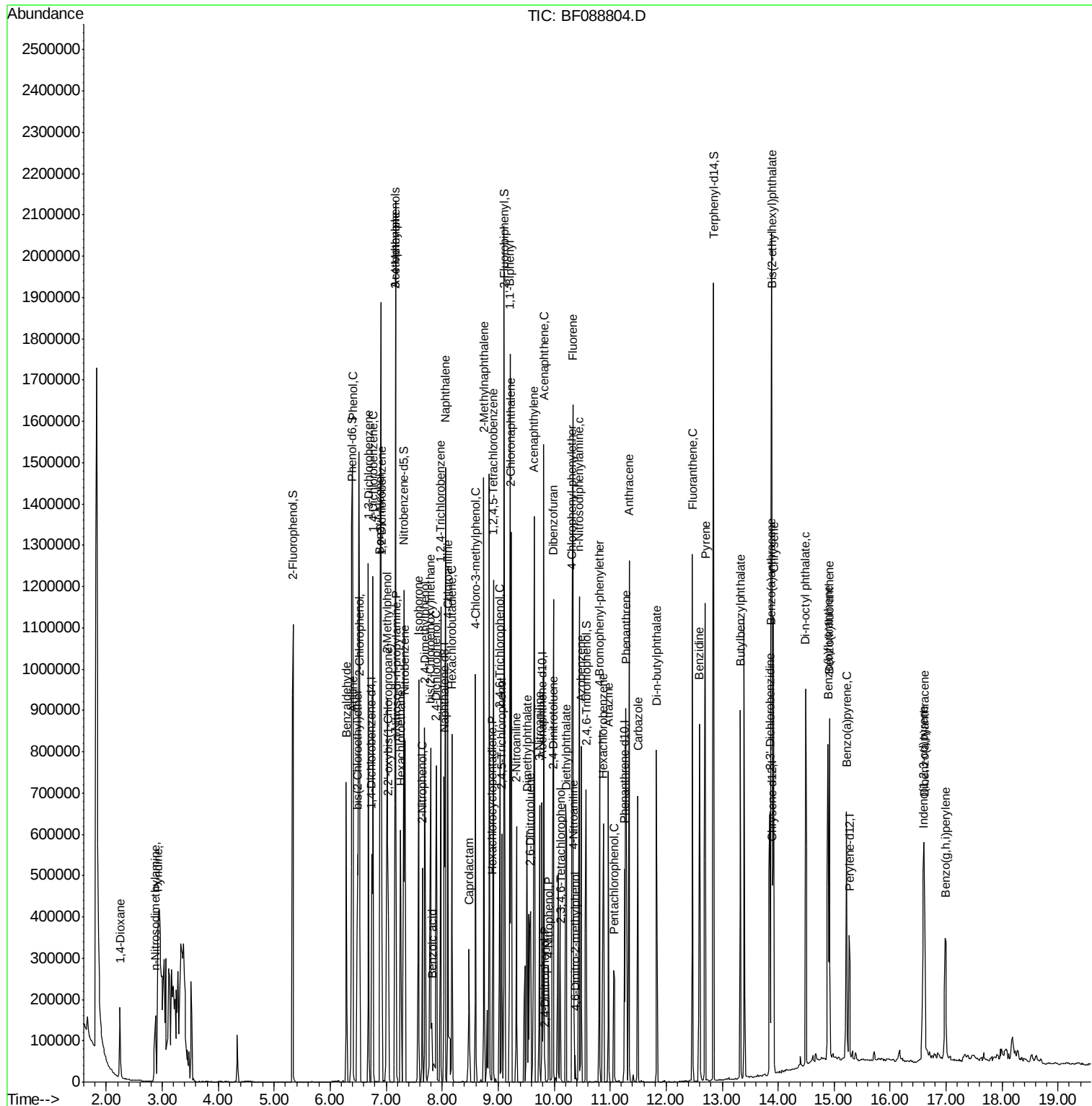
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\  
Data File : BF088804.D  
Acq On    : 8 Jul 2016    3:28  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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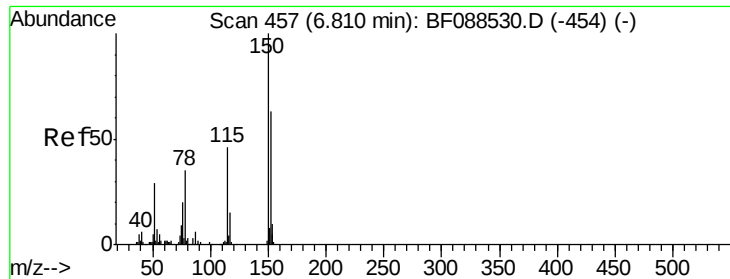
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 79858

Ion Ratio Lower Upper

152 100

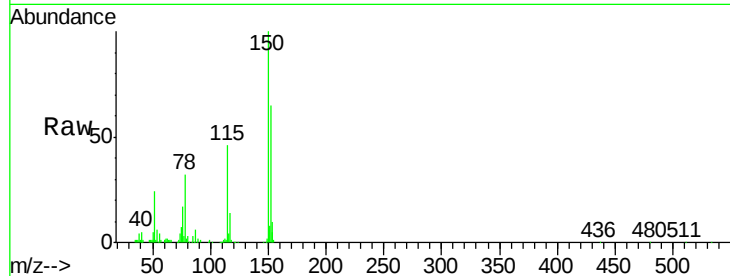
150 153.3 123.8 185.6

115 70.0 39.6 59.4#

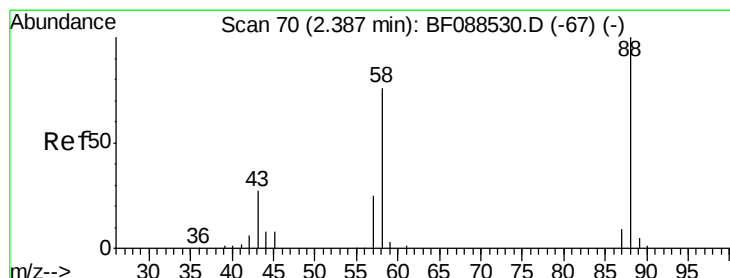
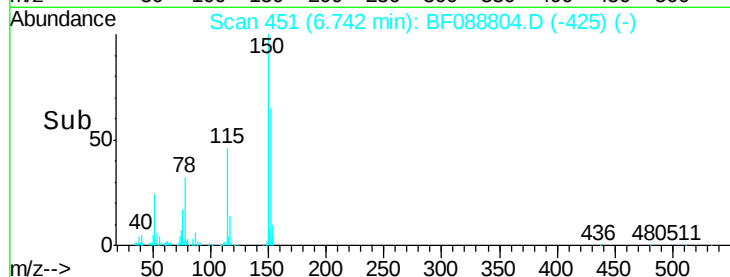
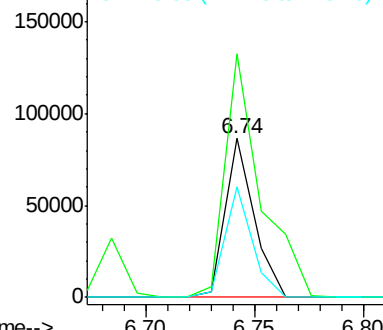
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.53 ng

RT: 2.25 min Scan# 58

Delta R.T. -0.03 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

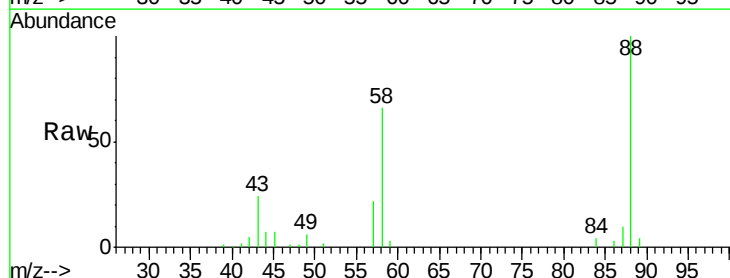
Tgt Ion: 88 Resp: 93872

Ion Ratio Lower Upper

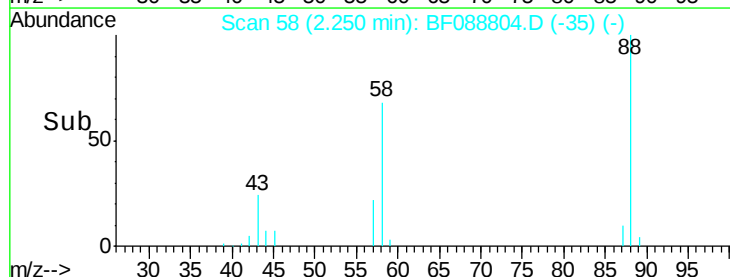
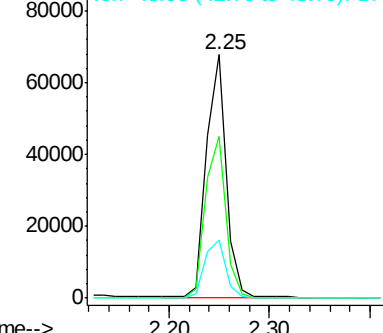
88 100

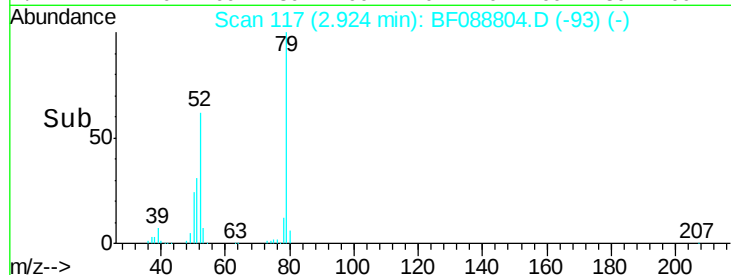
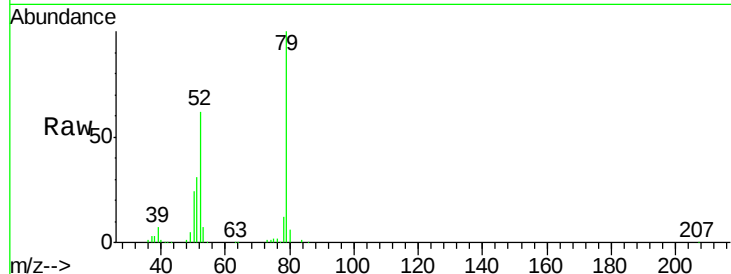
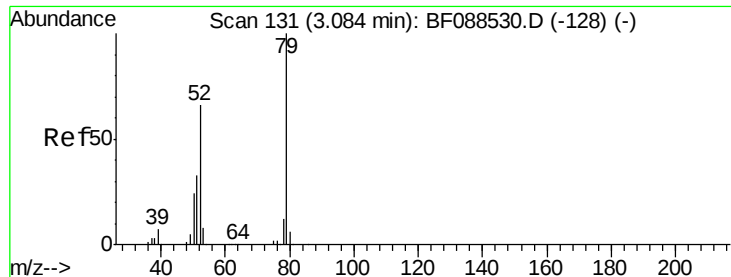
58 67.0 0.0 0.0#

43 25.0 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





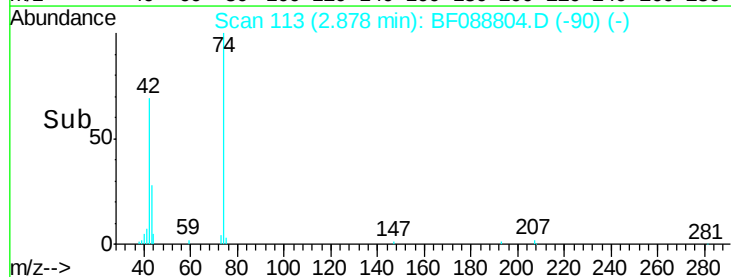
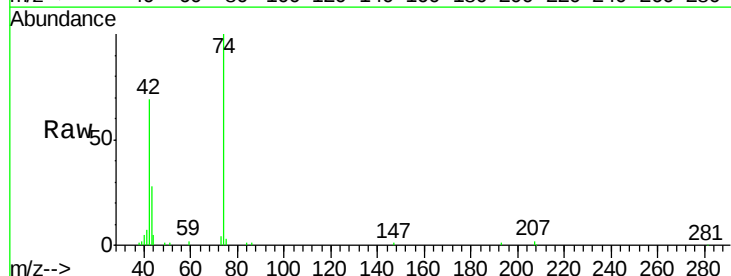
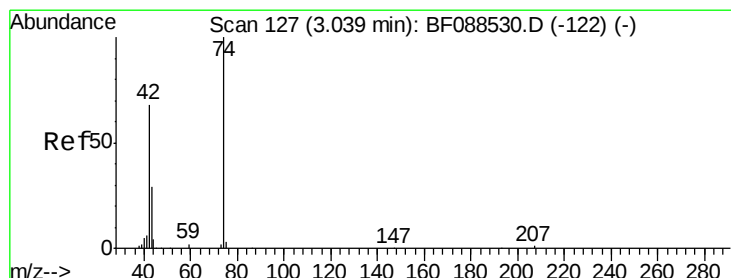
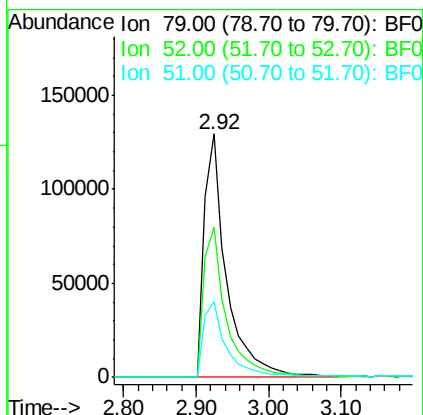
#3
Pvridine
Concen: 36.14 ng
RT: 2.92 min Scan# 117
Delta R.T. -0.02 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.8	56.3	84.5
51	31.3	27.4	41.2

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BNA_F
ClientSampleId :
SSTDCCC040EC

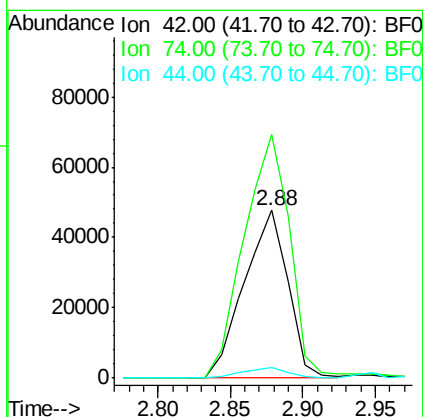
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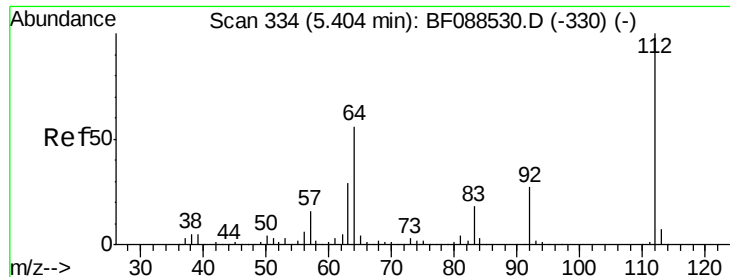
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#4
n-Nitrosodimethylamine
Concen: 34.04 ng
RT: 2.88 min Scan# 113
Delta R.T. -0.03 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.1	108.6	163.0
44	6.6	5.5	8.3





#5

2-Fluorophenol

Concen: 82.05 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

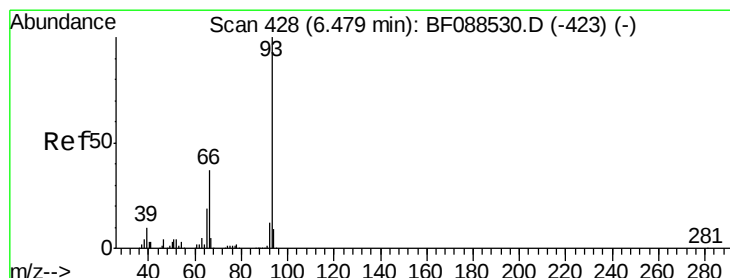
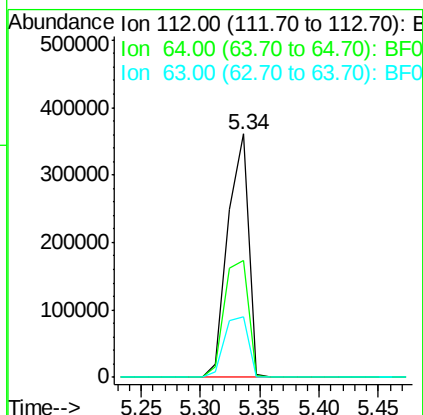
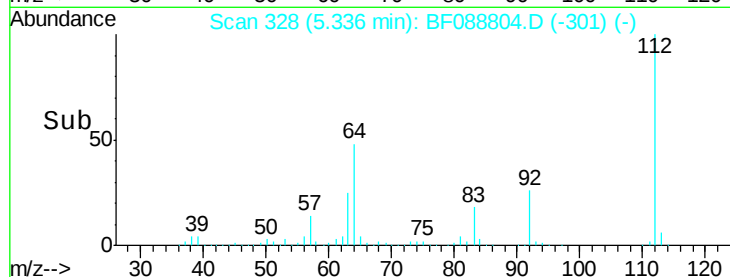
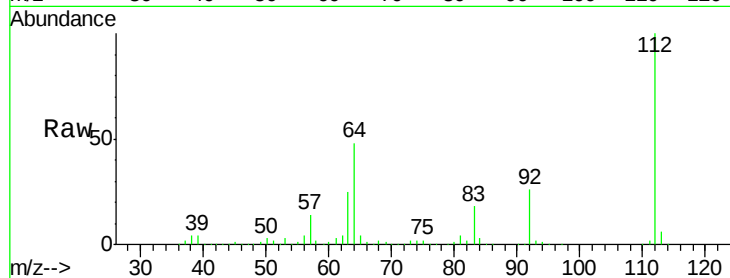
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	437213
Ion Ratio	Lower	Upper	
112	100		
64	47.8	42.2	63.2
63	25.1	21.8	32.8

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#6

Aniline

Concen: 36.85 ng

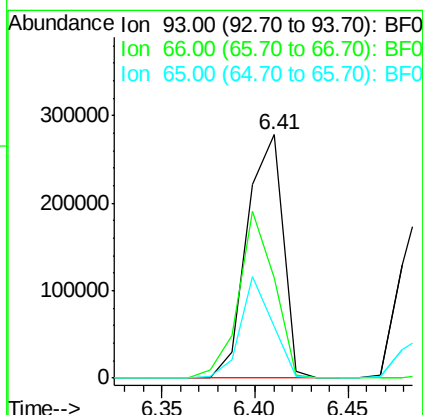
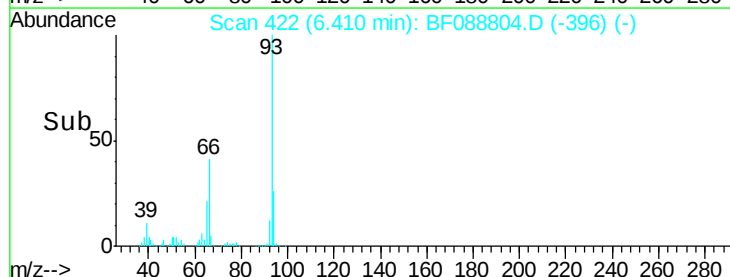
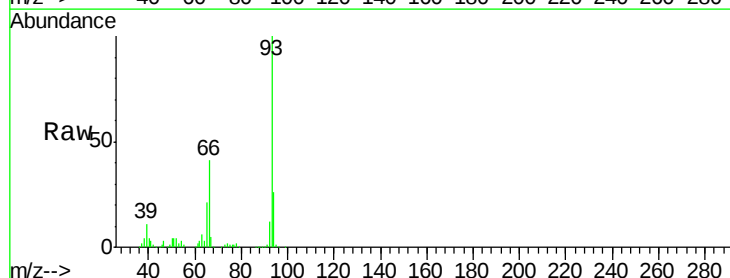
RT: 6.41 min Scan# 422

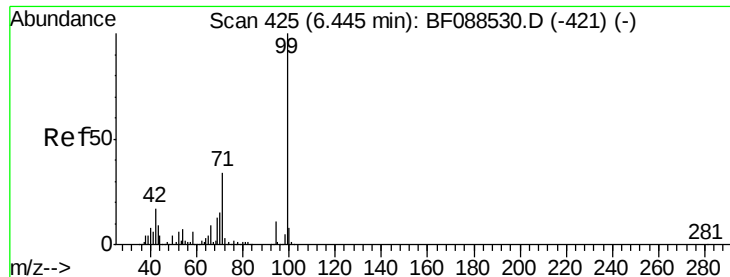
Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Tgt Ion:	93	Resp:	369790
Ion Ratio	Lower	Upper	
93	100		
66	41.3	29.8	44.8
65	21.4	14.9	22.3





#7

Phenol-d6

Concen: 72.53 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 499387

Ion Ratio Lower Upper

99 100

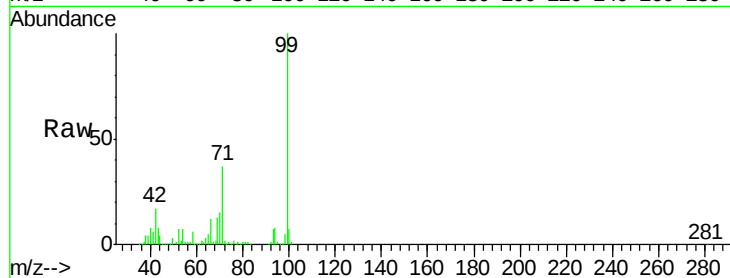
42 17.0 12.2 18.2

71 37.0 23.4 35.0#

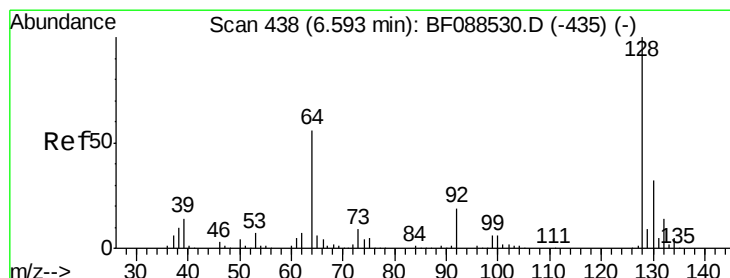
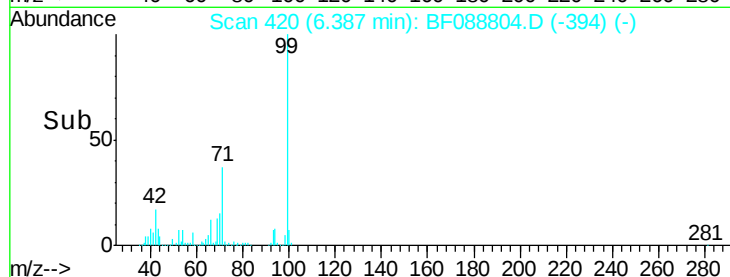
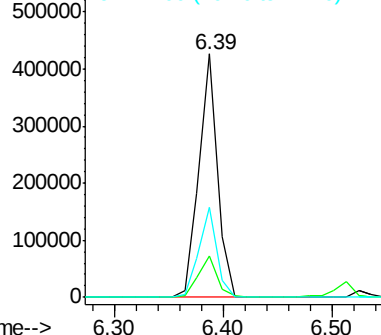
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.01 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

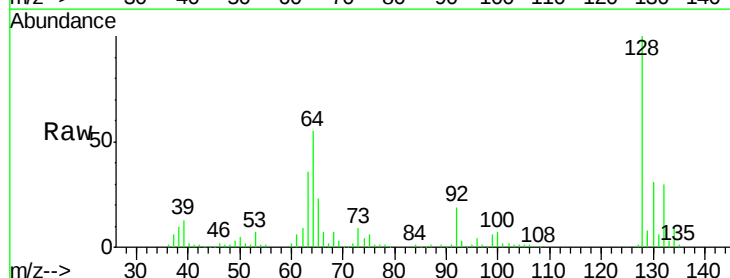
Tgt Ion: 128 Resp: 223430

Ion Ratio Lower Upper

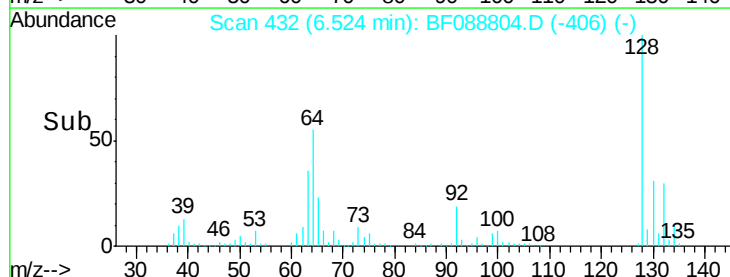
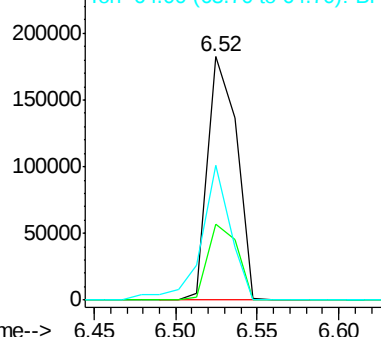
128 100

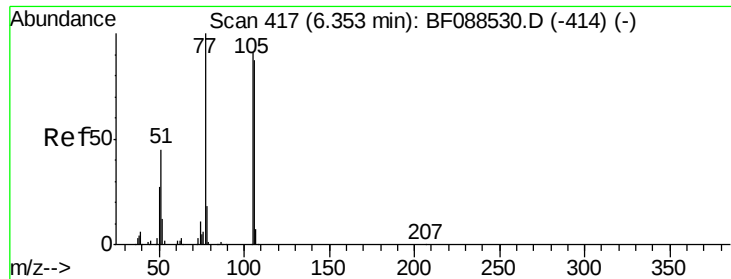
130 31.1 12.0 52.0

64 55.4 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.88 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

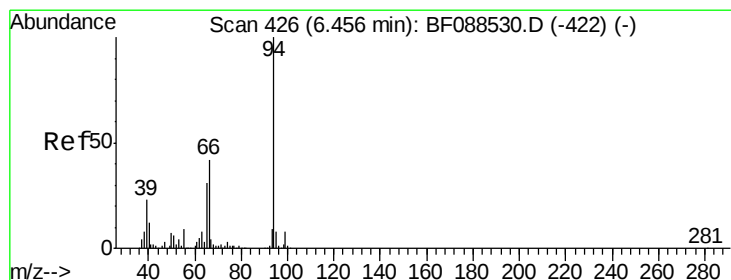
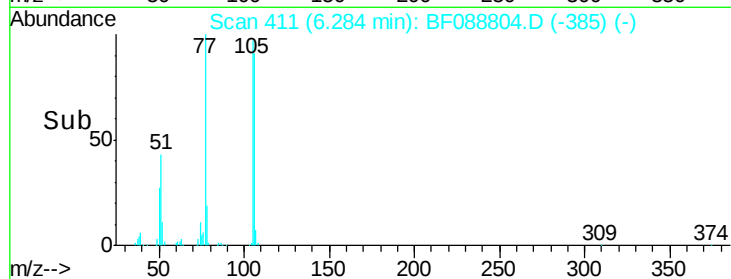
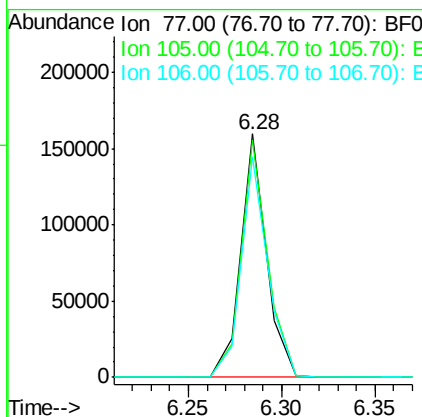
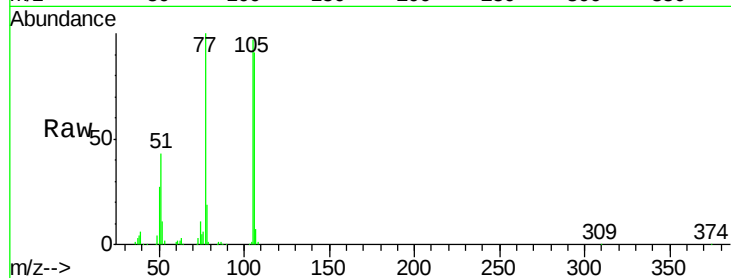
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	153362
Ion Ratio	Lower	Upper	
77	100		
105	97.5	90.6	130.6
106	90.7	85.3	125.3

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#10

Phenol

Concen: 31.65 ng

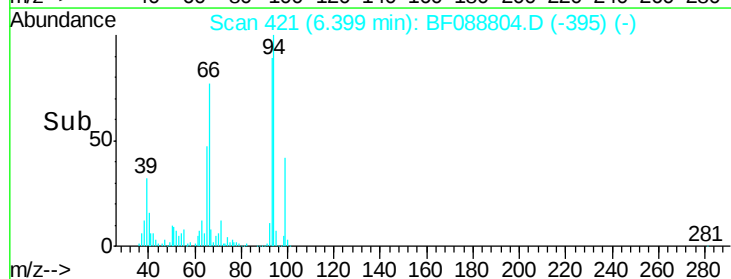
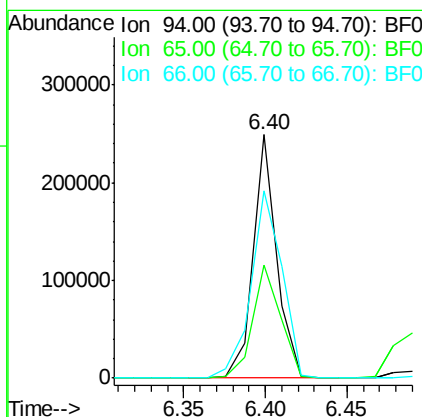
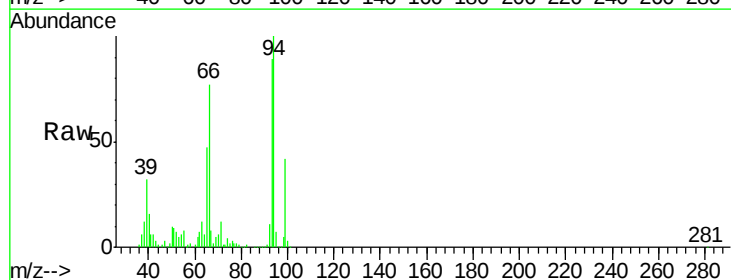
RT: 6.40 min Scan# 421

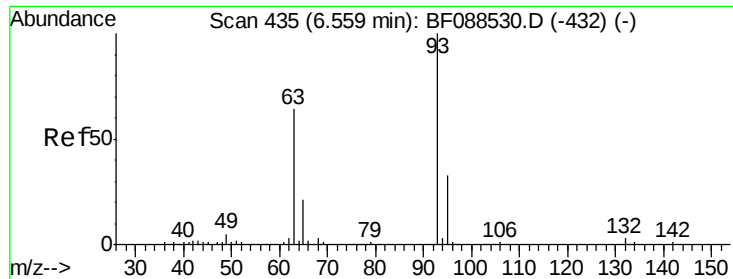
Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Tgt Ion:	94	Resp:	248693
Ion Ratio	Lower	Upper	
94	100		
65	46.6	5.9	45.9#
66	76.7	14.0	54.0#





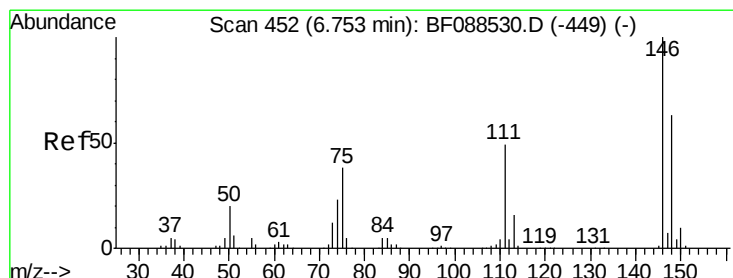
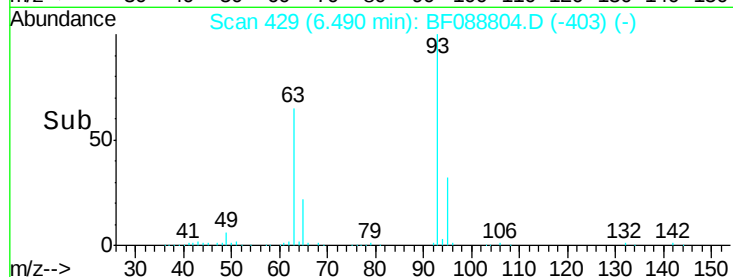
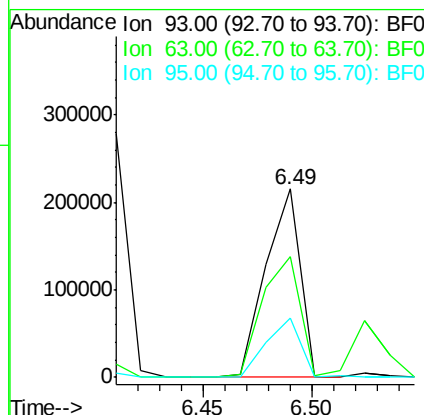
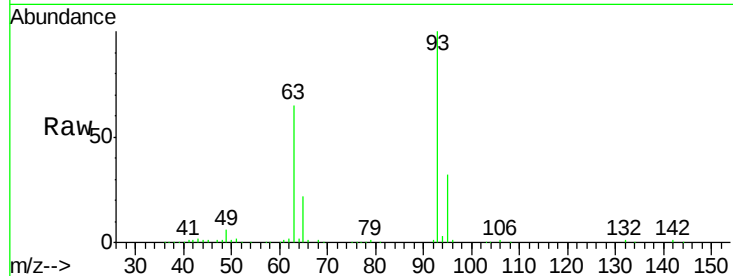
#11
bis(2-Chloroethyl)ether
Concen: 40.53 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.5	67.6	107.6#
95	31.9	12.5	52.5

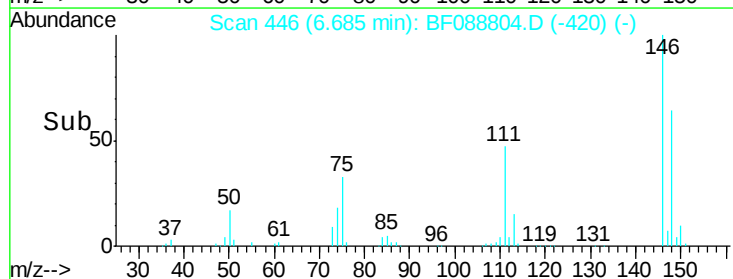
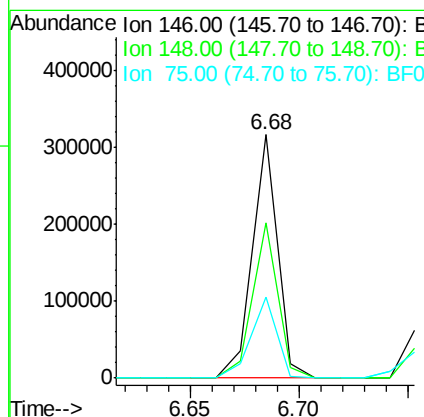
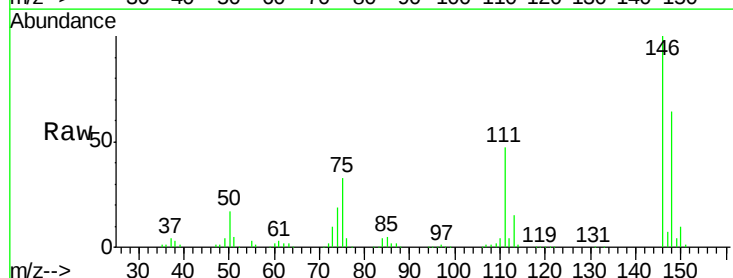
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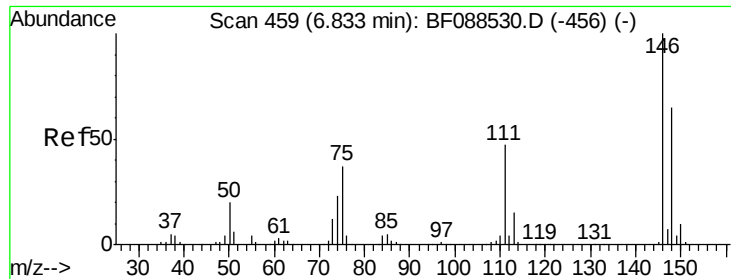
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#12
1,3-Dichlorobenzene
Concen: 40.47 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	33.5	25.6	38.4





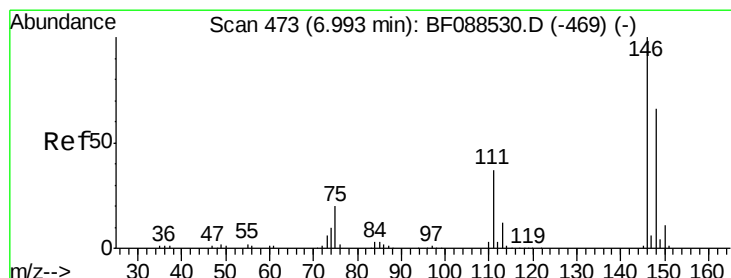
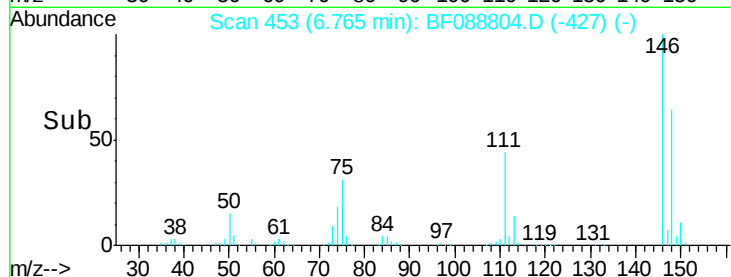
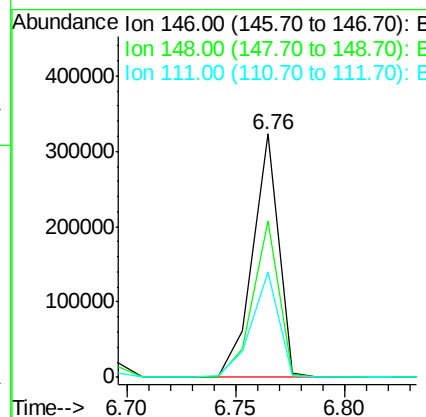
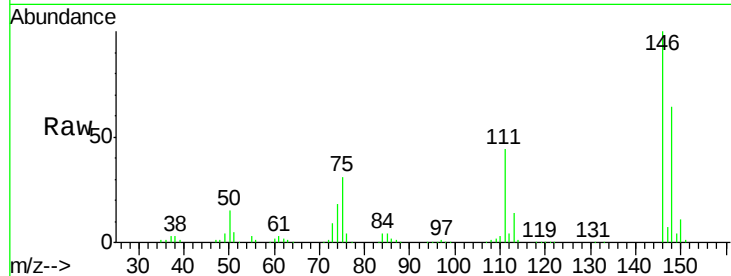
#13
 1,4-Dichlorobenzene
 Concen: 42.95 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.0	78.0
111	43.5	33.8	50.8

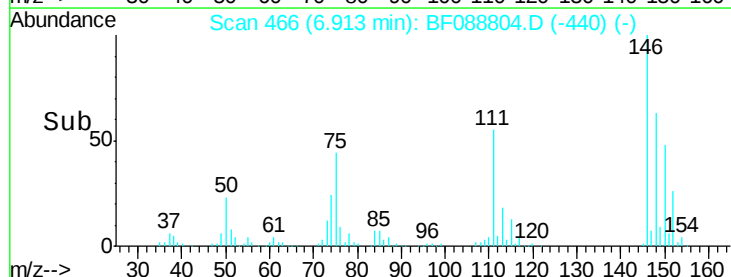
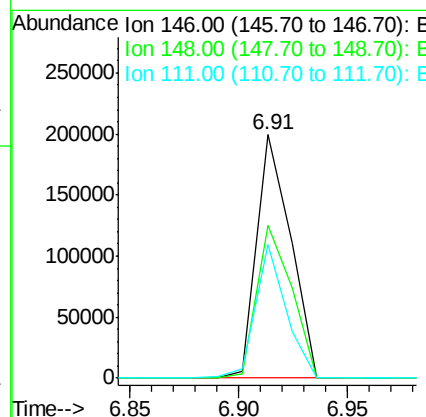
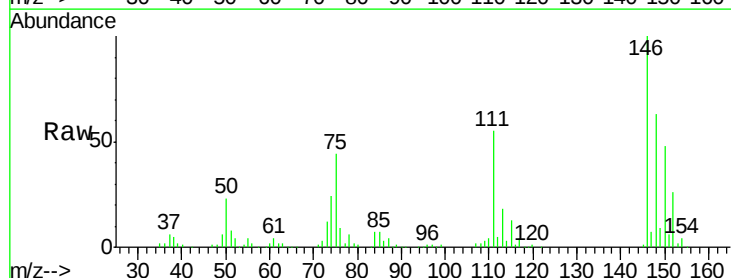
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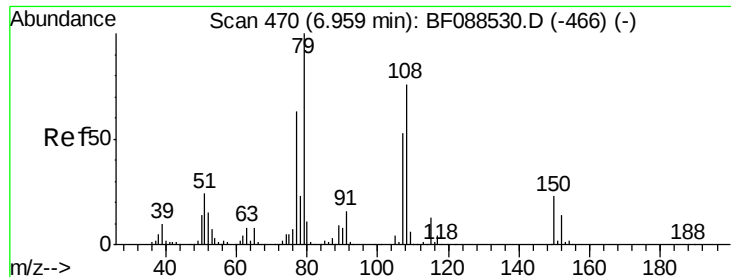
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#14
 1,2-Dichlorobenzene
 Concen: 36.90 ng
 RT: 6.91 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.3	78.5
111	54.7	28.7	43.1#





#15

Benzyl Alcohol

Concen: 34.59 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 175271
Ion Ratio Lower Upper

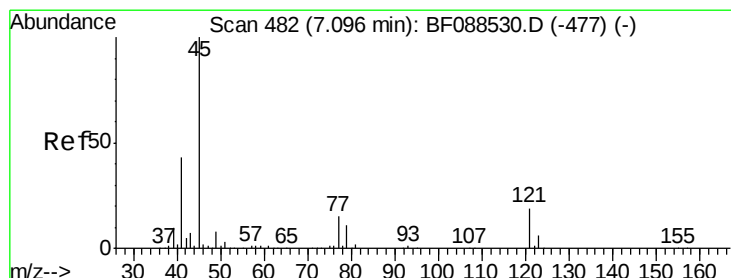
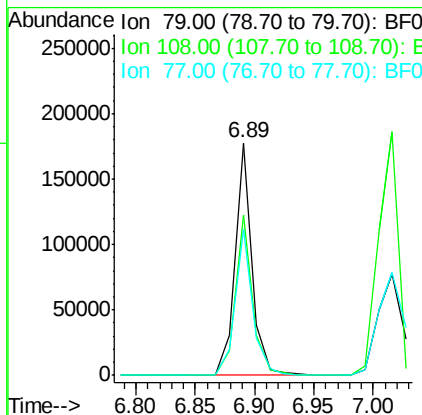
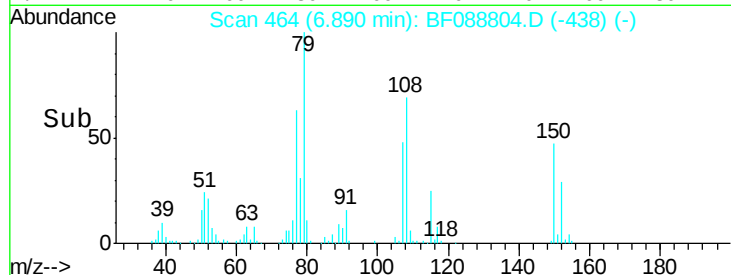
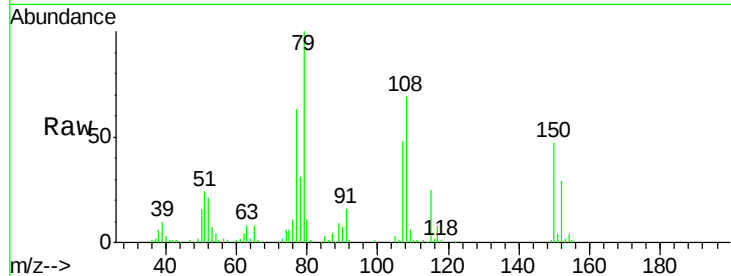
79 100

108 69.1 65.0 97.6

77 62.6 50.3 75.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.09 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF088804.D

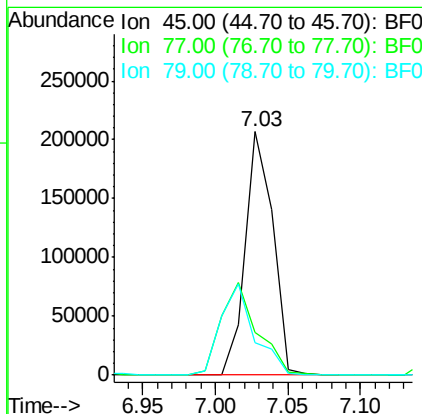
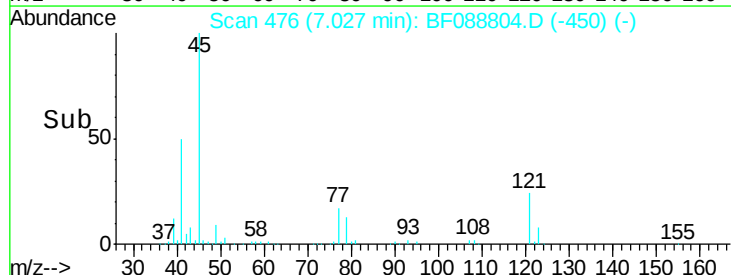
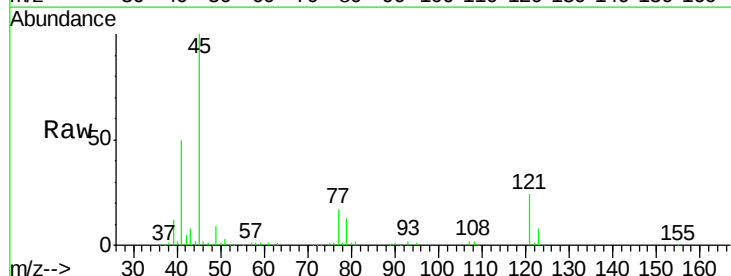
Acq: 8 Jul 2016 3:28

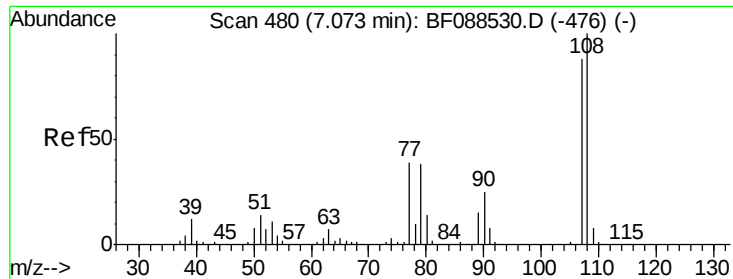
Tgt Ion: 45 Resp: 272336
Ion Ratio Lower Upper

45 100

77 17.4 0.0 32.5

79 13.2 0.0 29.5





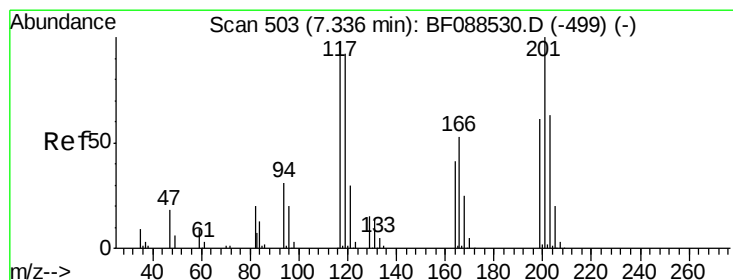
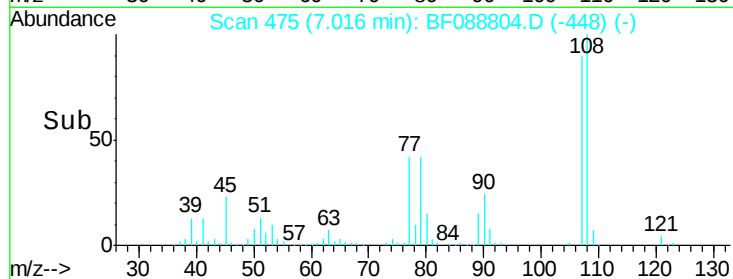
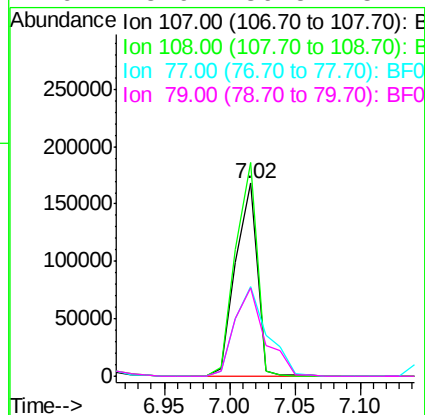
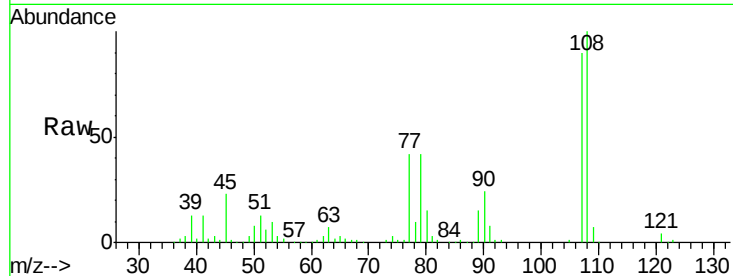
#17
2-Methylphenol
Concen: 41.30 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	107	Resp	192940
Ion Ratio	Lower	Upper	
107	100		
108	110.6	90.9	136.3
77	46.7	36.6	55.0
79	45.9	36.5	54.7

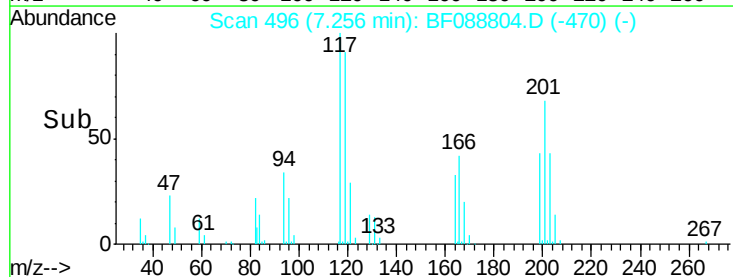
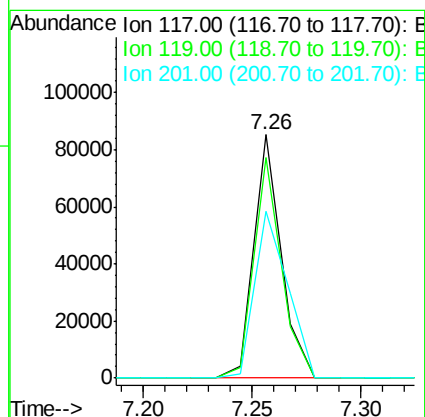
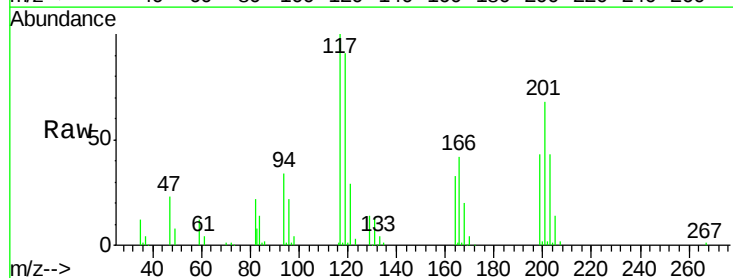
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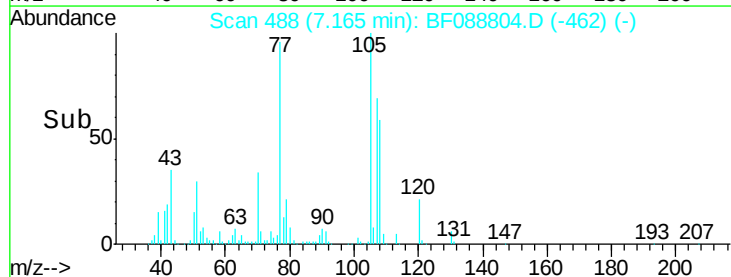
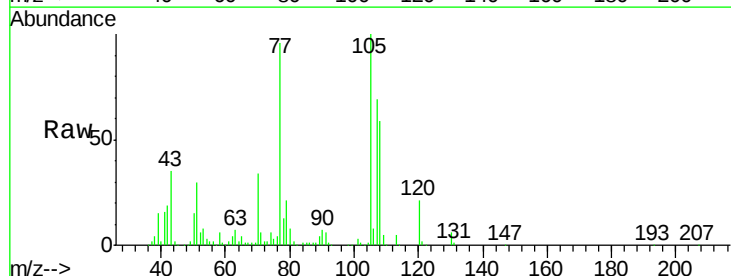
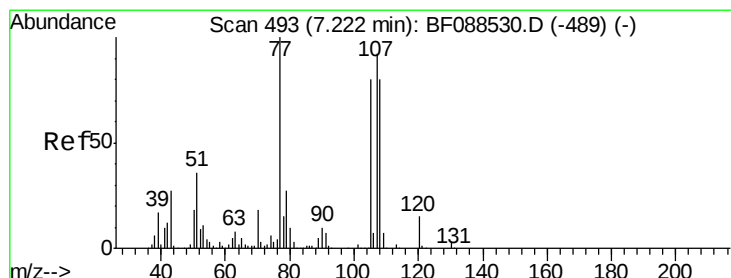
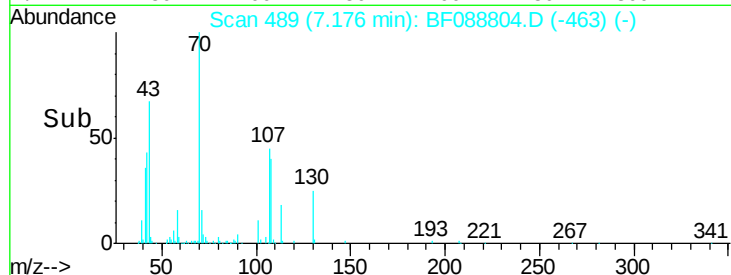
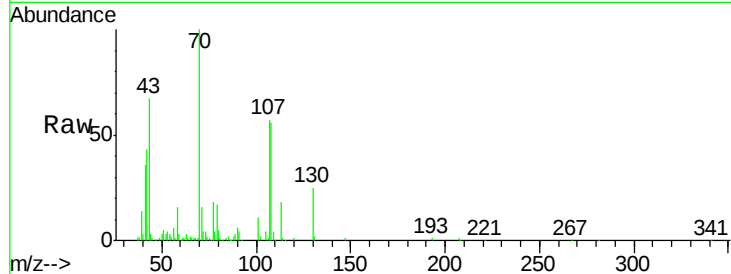
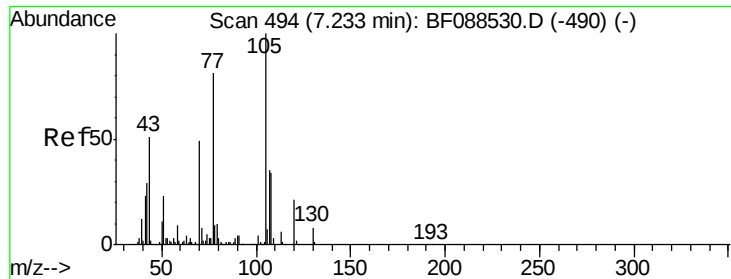
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#18
Hexachloroethane
Concen: 30.68 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	117	Resp	74238
Ion Ratio	Lower	Upper	
117	100		
119	90.6	77.4	116.2
201	68.3	80.4	120.6#





#19

n-Nitroso-di-n-propylamine

Concen: 36.99 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 171048

Ion Ratio Lower Upper

70 100

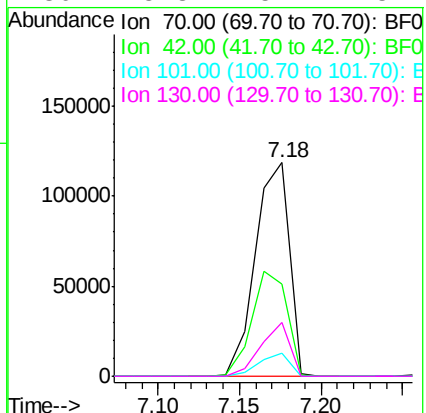
42 42.9 49.6 74.4#

101 10.7 7.1 10.7

130 25.3 15.4 23.2#

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#20

3+4-Methylphenols

Concen: 36.53 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Tgt Ion:107 Resp: 204815

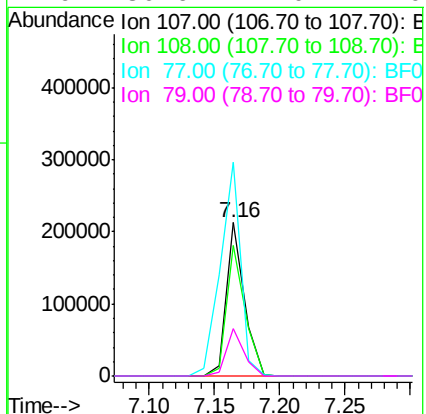
Ion Ratio Lower Upper

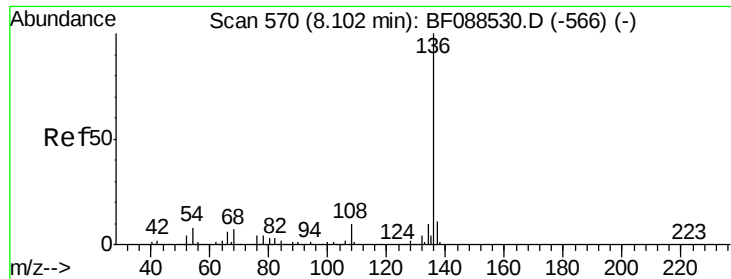
107 100

108 85.2 67.8 107.8

77 139.1 59.3 99.3#

79 30.6 7.0 47.0





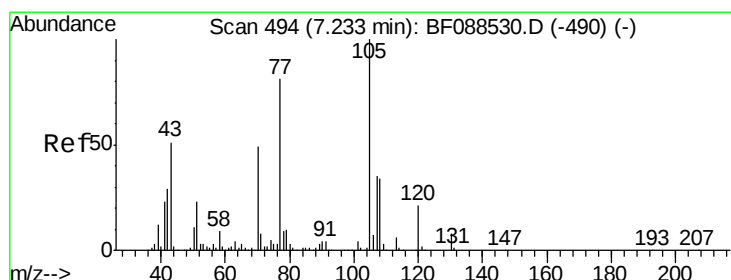
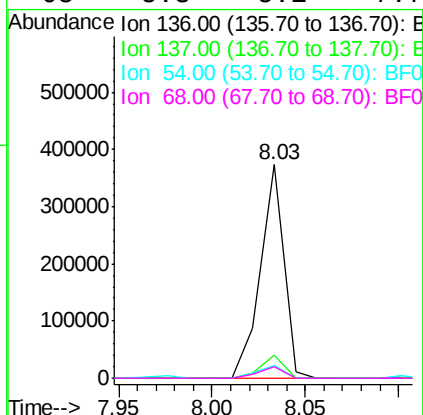
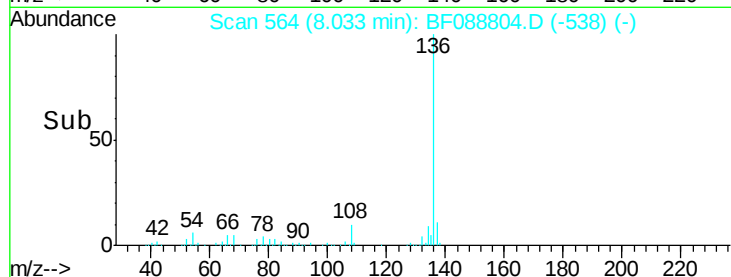
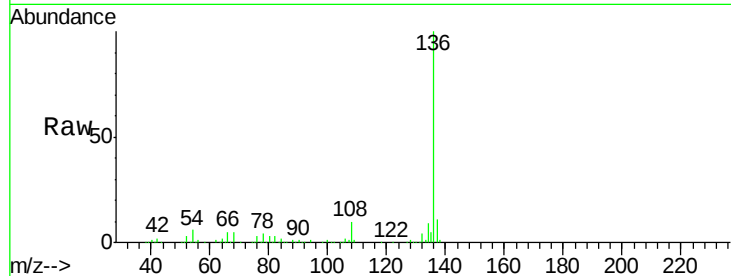
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	325175		
137	10.7	9.1	13.7	
54	6.2	6.6	10.0	
68	5.3	5.1	7.7	

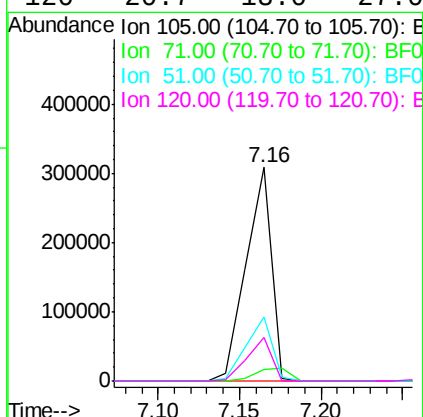
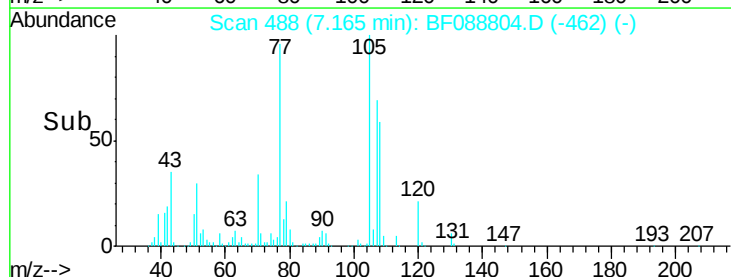
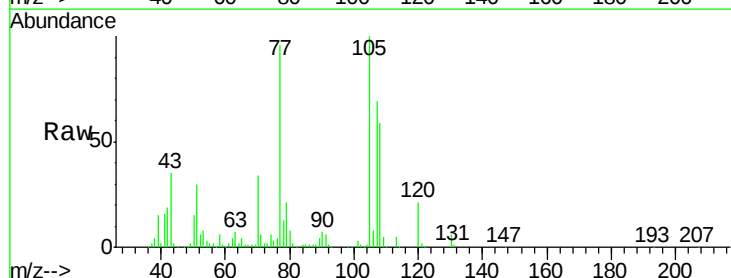
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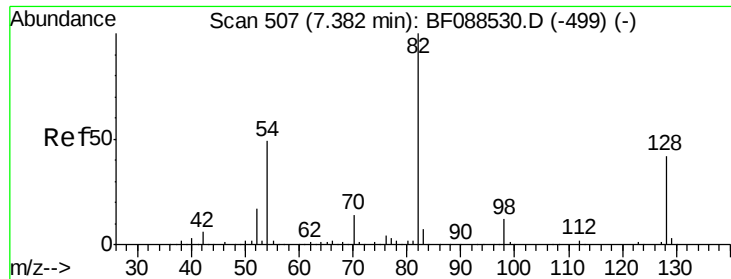
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#22
Acetophenone
Concen: 42.17 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	332788		
71	5.7	5.3	7.9	
51	29.9	18.2	27.4	
120	20.7	18.0	27.0	





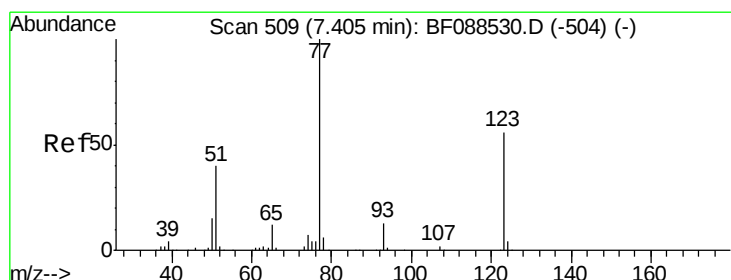
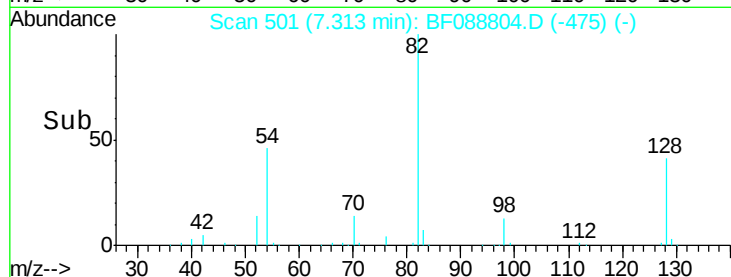
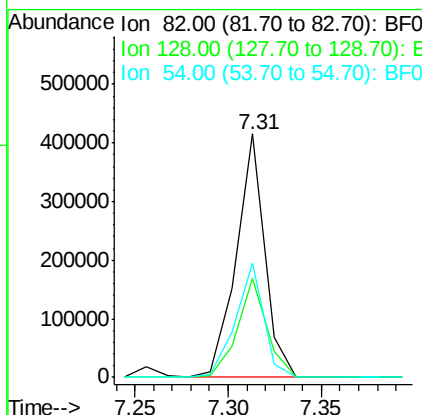
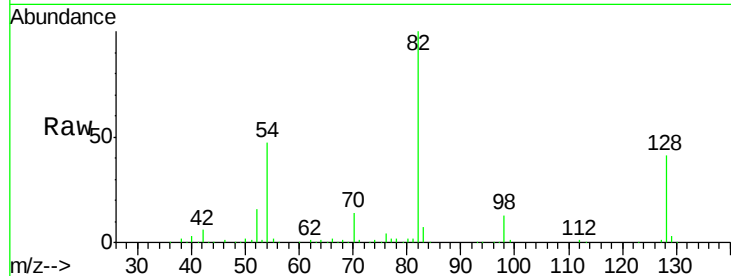
#23
 Nitrobenzene-d5
 Concen: 71.18 ng
 RT: 7.31 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	82	Resp	441649
Ion Ratio	100	Lower	Upper
128	40.5	35.9	53.9
54	47.2	40.9	61.3

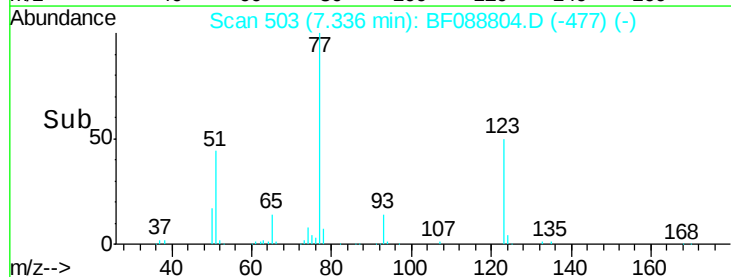
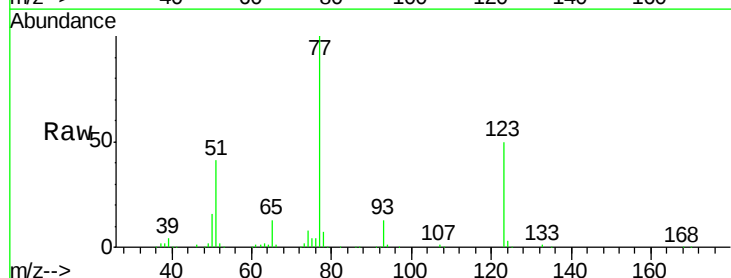
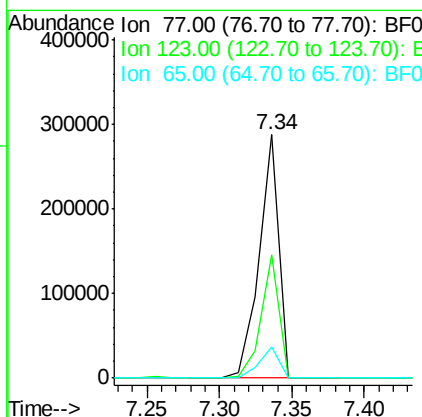
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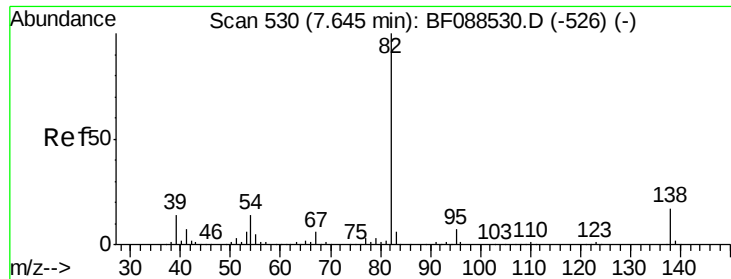
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#24
 Nitrobenzene
 Concen: 42.94 ng
 RT: 7.34 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion	77	Resp	268655
Ion Ratio	100	Lower	Upper
123	50.4	45.0	67.4
65	12.6	10.2	15.2





#25

Isophorone

Concen: 37.35 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

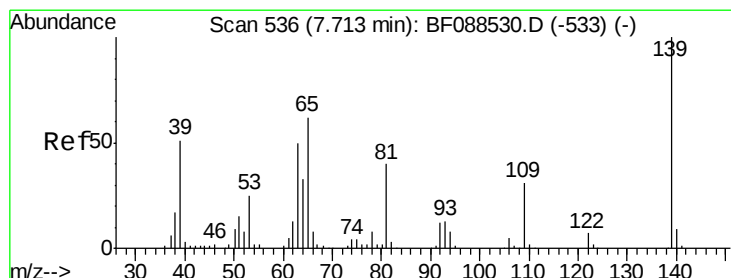
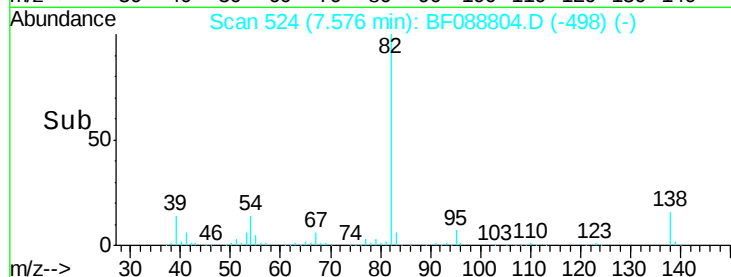
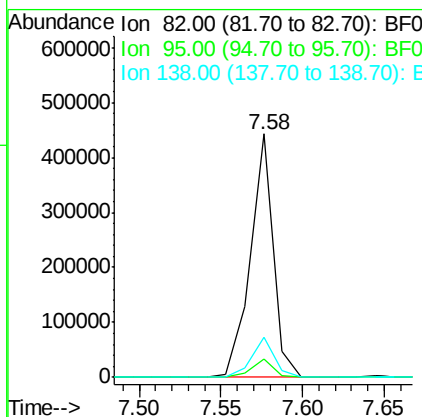
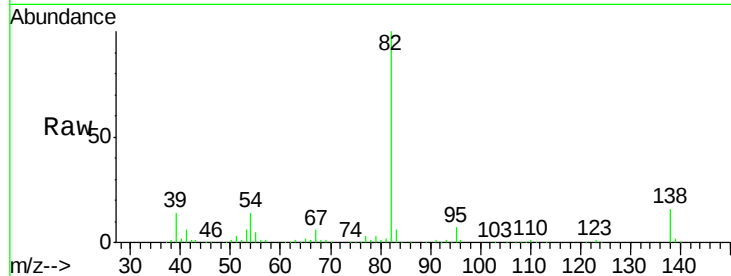
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	429326
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.4	8.2
138	16.4	14.6	21.8

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#26

2-Nitrophenol

Concen: 32.90 ng

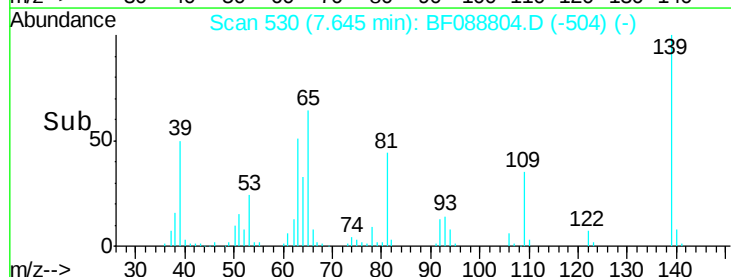
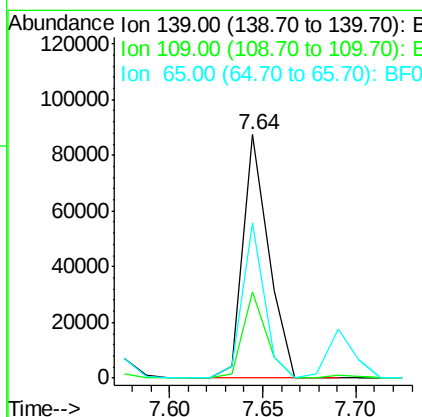
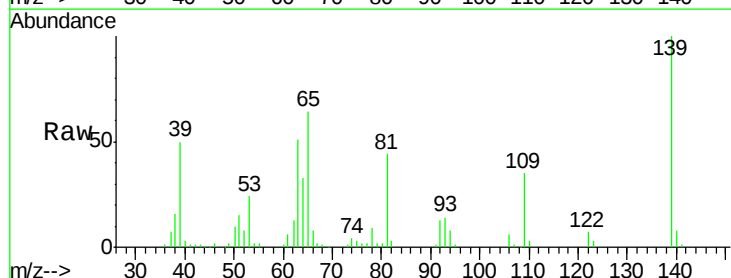
RT: 7.64 min Scan# 530

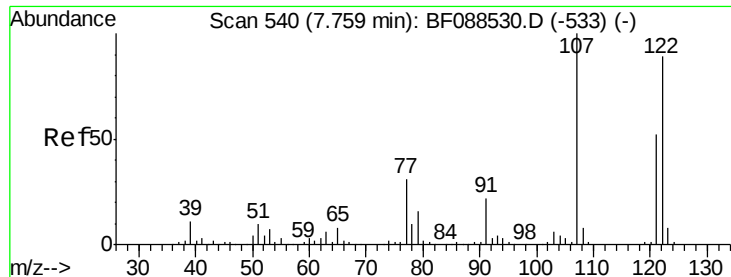
Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Tgt Ion:	139	Resp:	84395
Ion Ratio		Lower	Upper
139	100		
109	35.4	23.0	34.4#
65	63.9	45.8	68.8





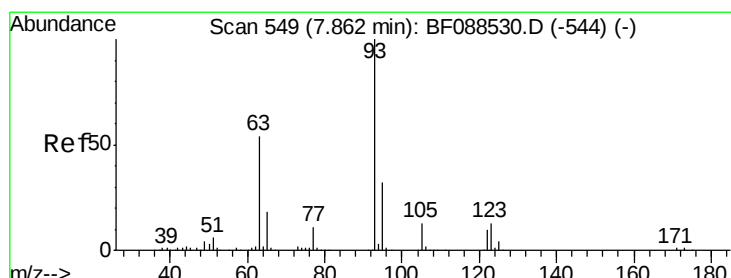
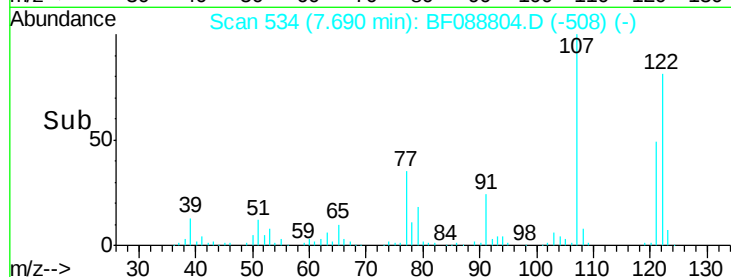
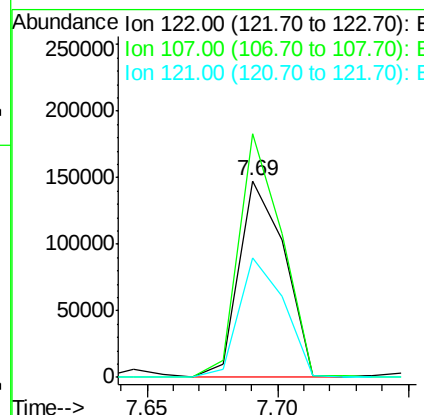
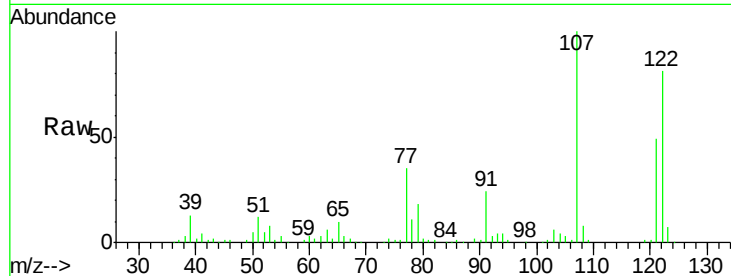
#27
2,4-Dimethylphenol
Concen: 33.76 ng
RT: 7.69 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.8	82.4	123.6#
121	60.9	46.3	69.5

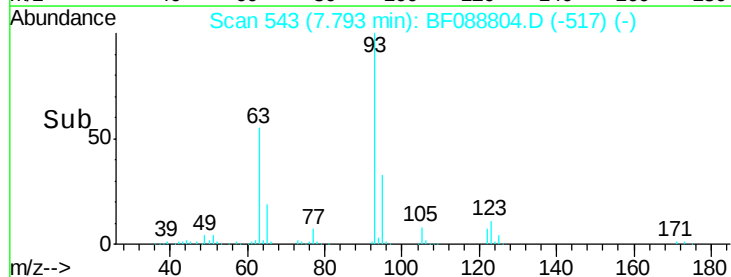
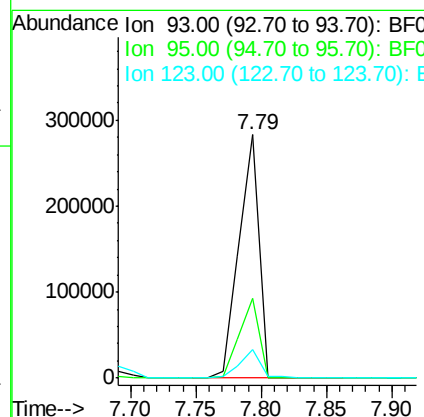
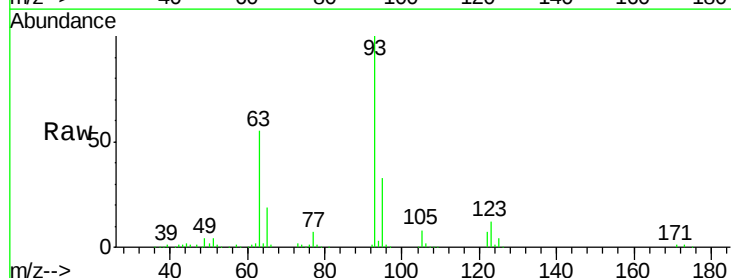
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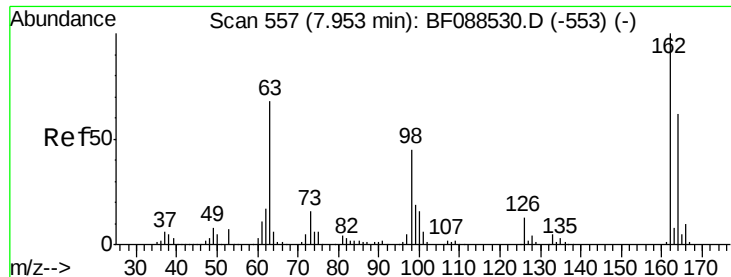
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#28
bis(2-Chloroethoxy)methane
Concen: 39.90 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	11.6	11.6	17.4#





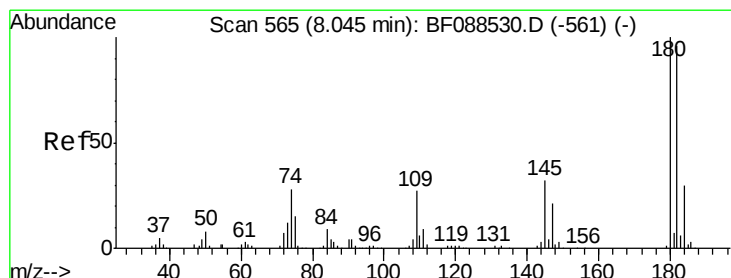
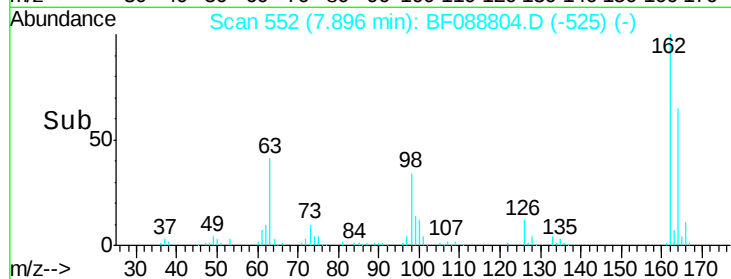
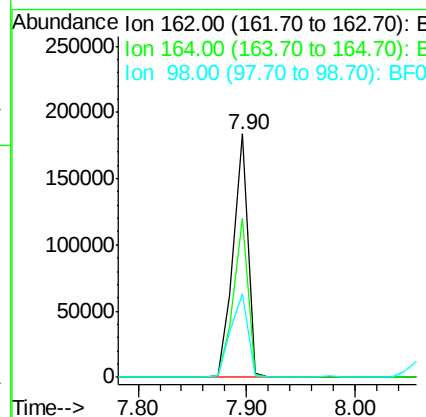
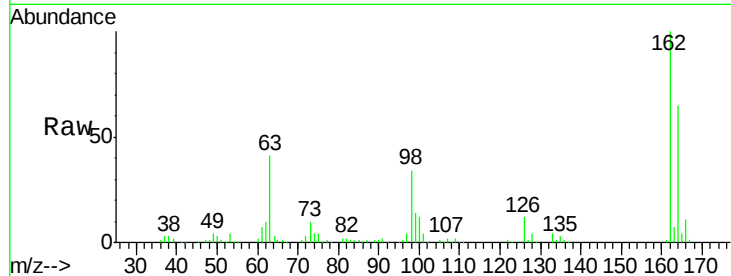
#29
2,4-Dichlorophenol
Concen: 40.20 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	173612		
164	65.3	43.8	83.8	
98	34.4	21.3	61.3	

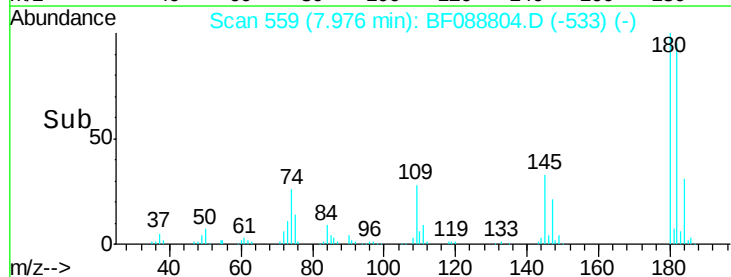
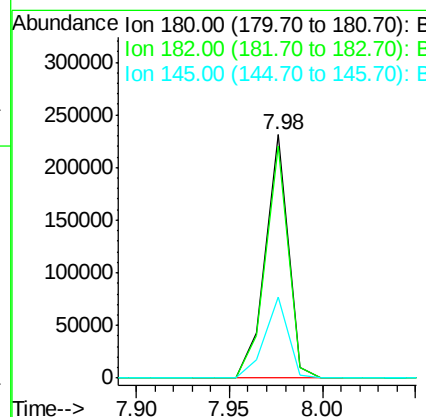
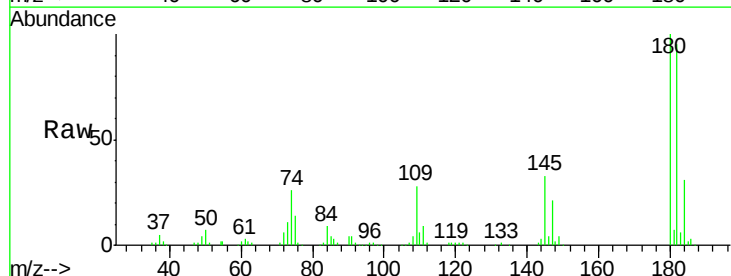
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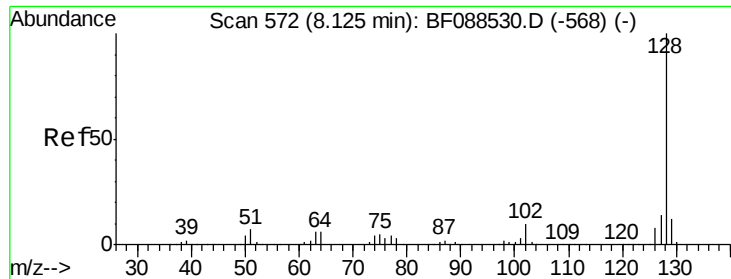
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#30
1,2,4-Trichlorobenzene
Concen: 41.31 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	195789		
182	95.1	76.0	114.0	
145	33.4	26.5	39.7	





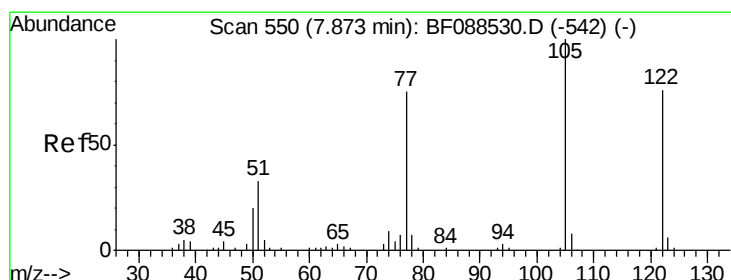
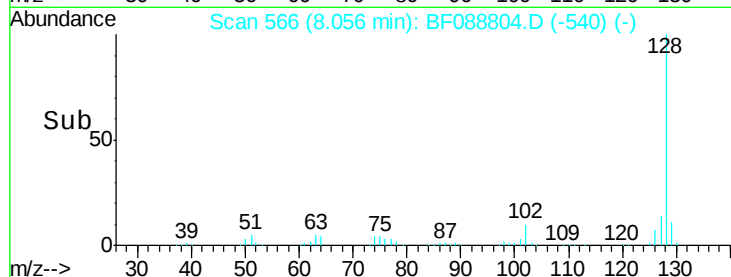
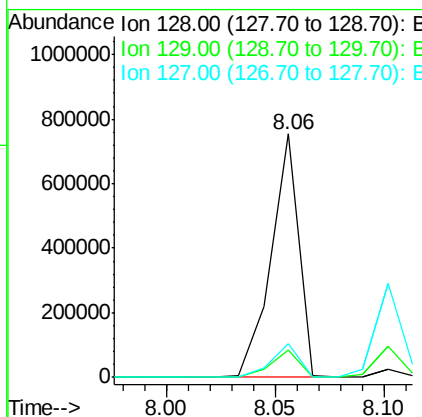
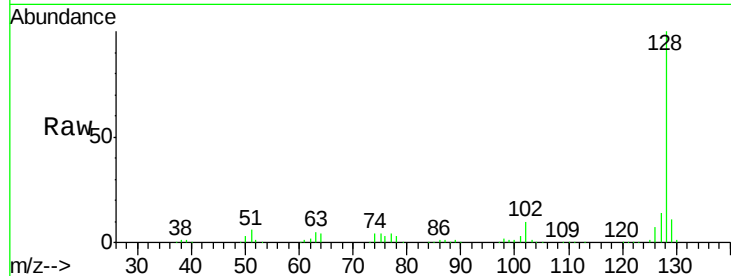
#31
Naphthalene
Concen: 42.19 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.8	10.9	16.3

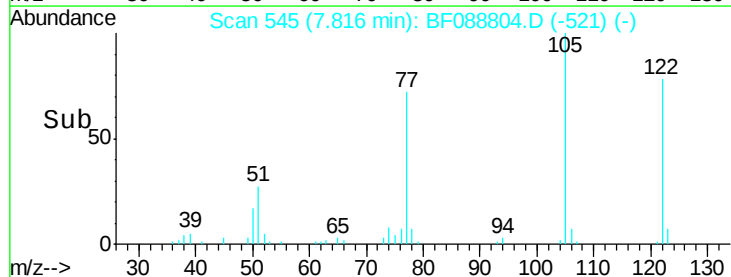
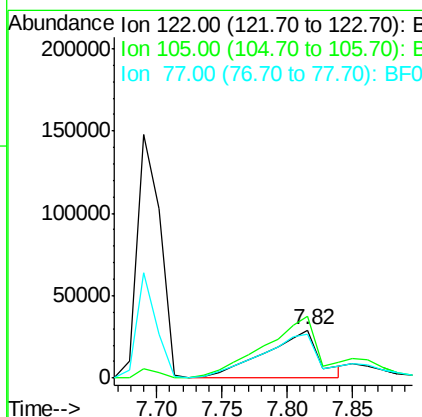
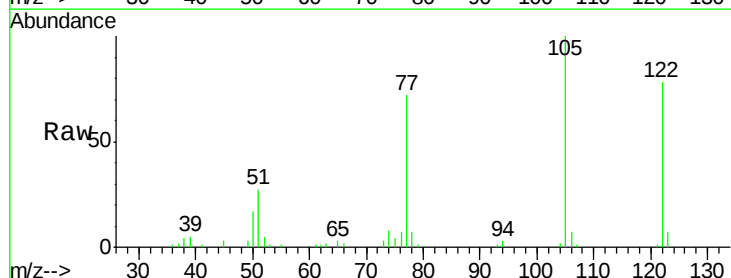
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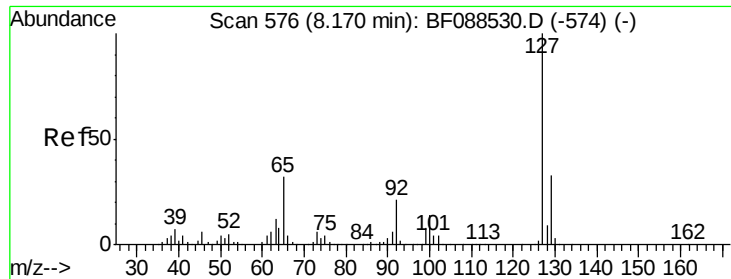
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#32
Benzoic acid
Concen: 20.81 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	101.6	141.6
77	91.9	70.6	110.6





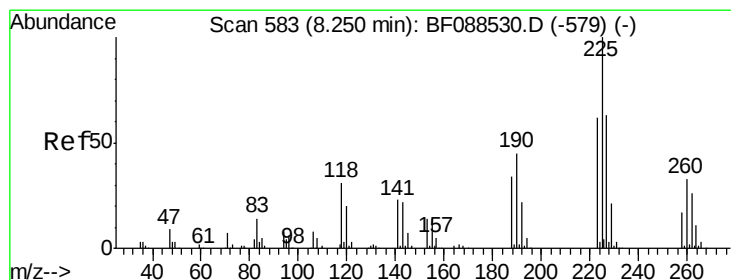
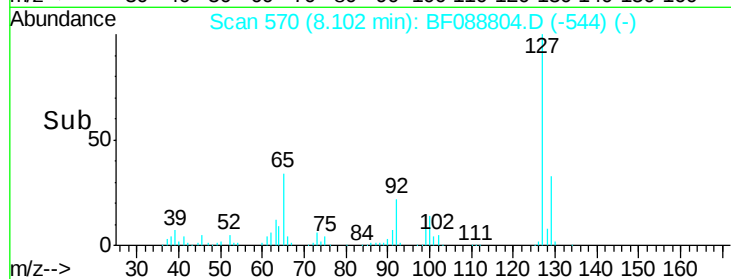
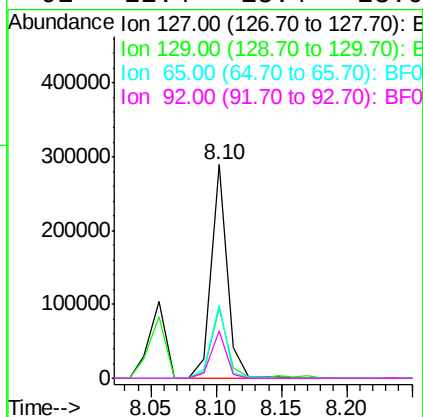
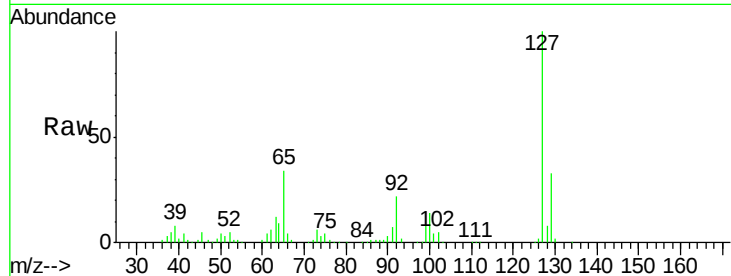
#33
4-Chloroaniline
Concen: 34.95 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		249314		
129	32.7	26.3	39.5		
65	34.3	24.7	37.1		
92	22.4	15.4	23.0		

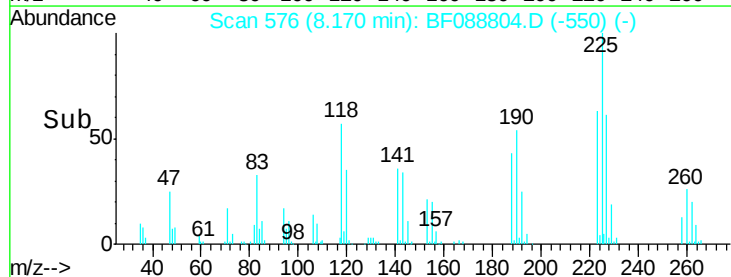
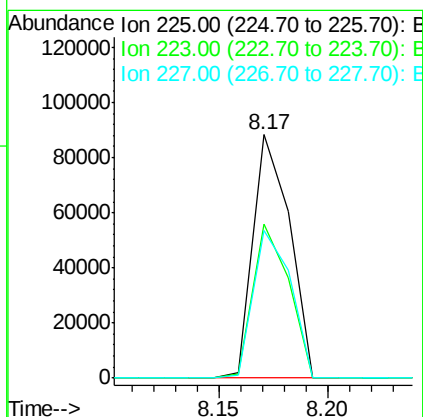
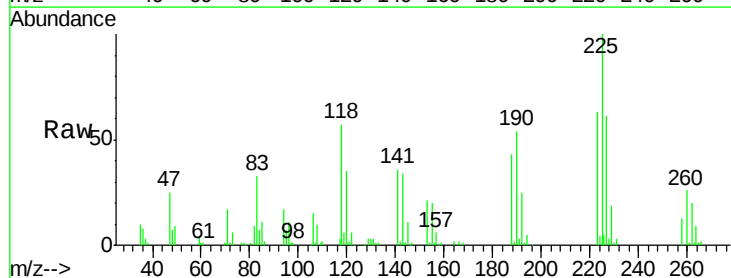
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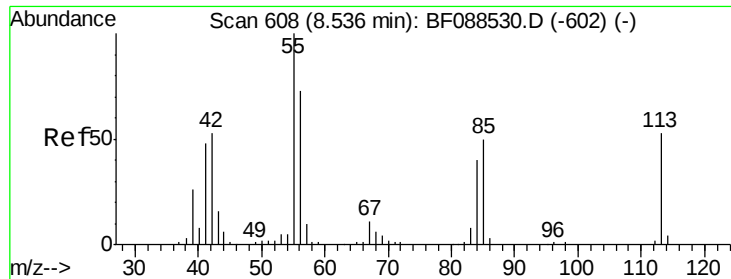
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#34
Hexachlorobutadiene
Concen: 40.69 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		103252		
223	63.2	50.9	76.3		
227	60.8	51.9	77.9		





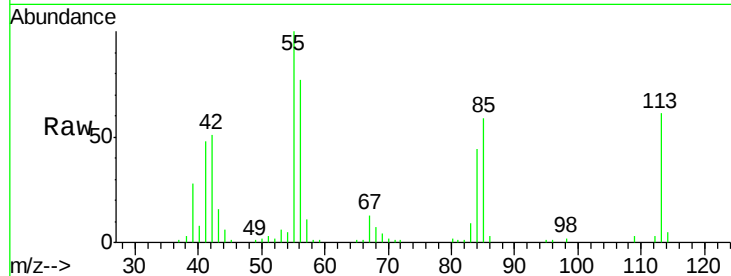
#35
Caprolactam
Concen: 32.09 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

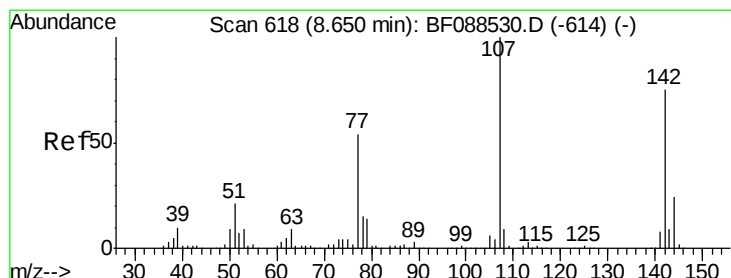
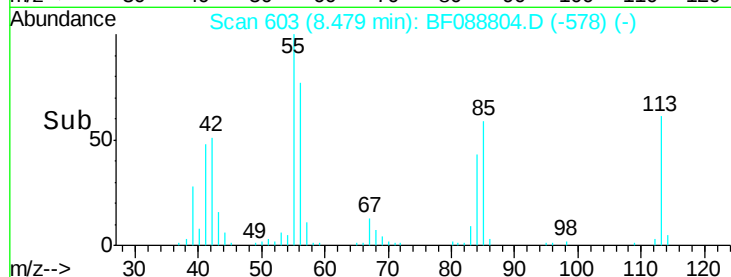
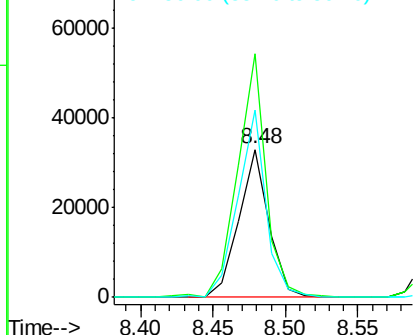
Tot Ion:113 Resp: 47068
Ion Ratio Lower Upper
113 100
55 164.8 158.6 198.6
56 126.9 110.6 150.6

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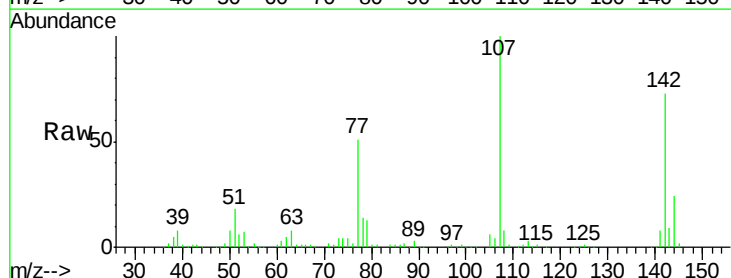


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

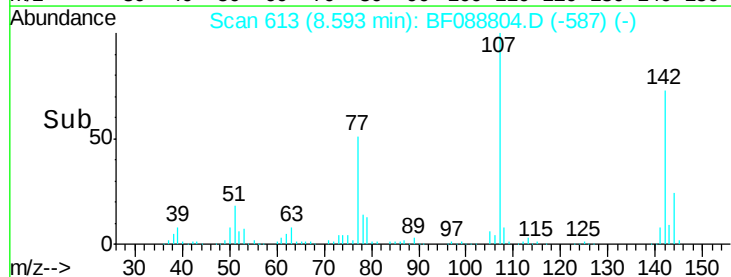
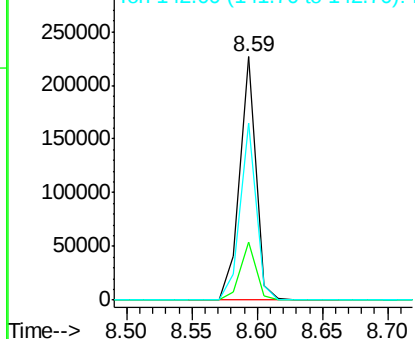


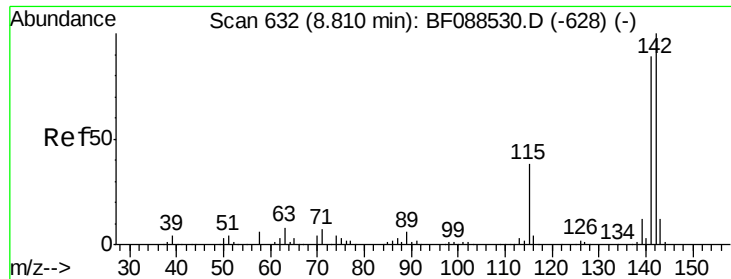
#36
4-Chloro-3-methylphenol
Concen: 37.95 ng
RT: 8.59 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion:107 Resp: 193782
Ion Ratio Lower Upper
107 100
144 23.6 20.8 31.2
142 72.7 63.4 95.2



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





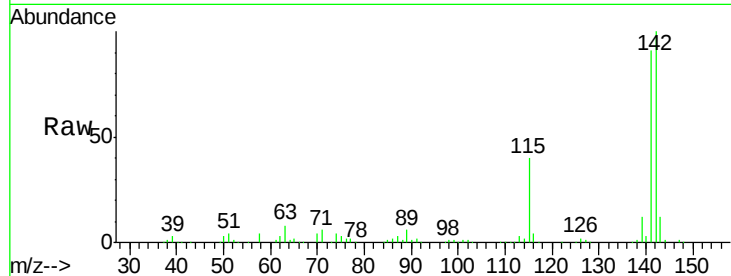
#37
2-Methylnaphthalene
Concen: 35.15 ng
RT: 8.74 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

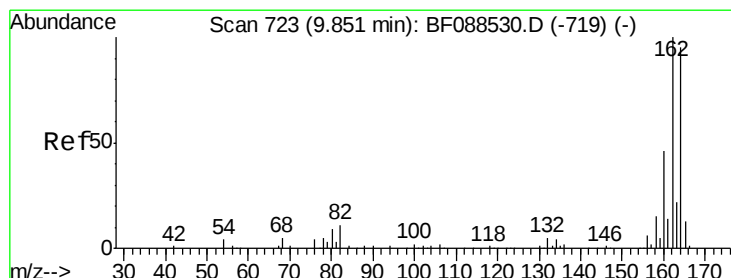
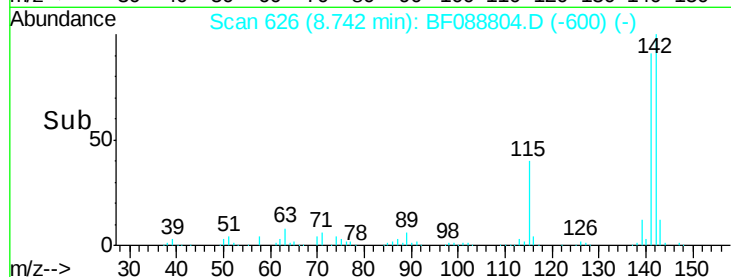
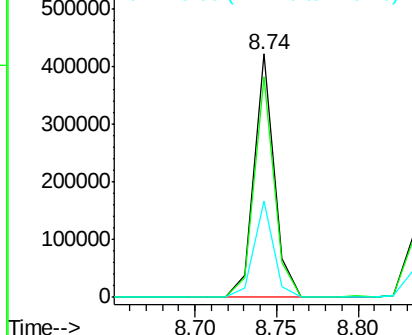
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	39.8	22.6	33.8

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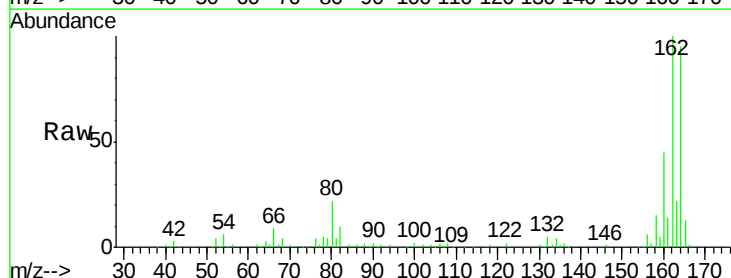


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

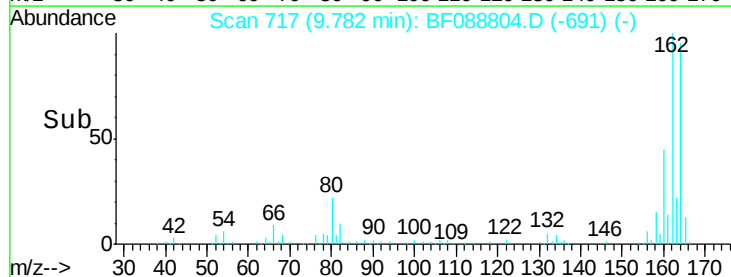
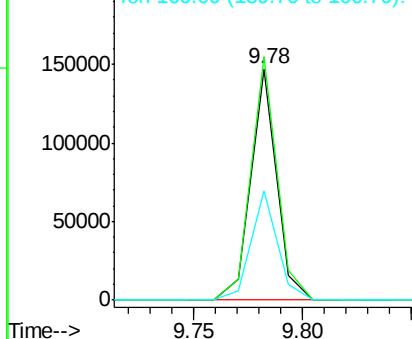


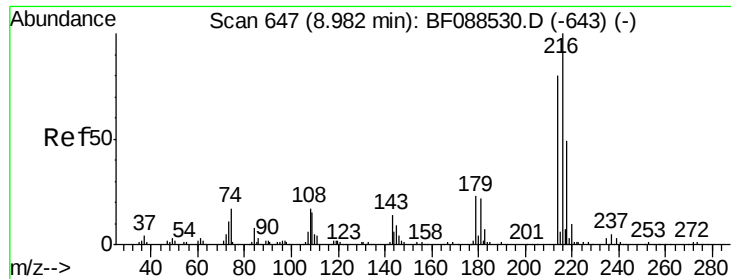
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	47.3	39.5	59.3



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: 50.72 ng

RT: 8.91 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 203868
Ion Ratio Lower Upper

216 100

214 80.0 2.9 4.3#

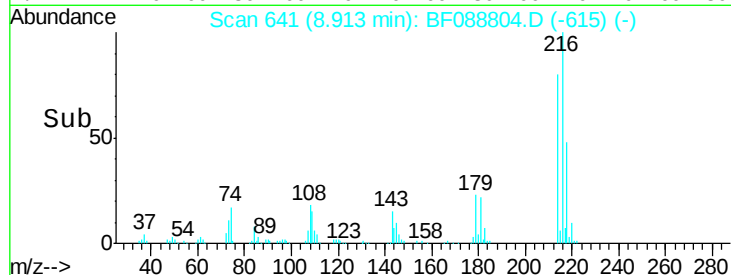
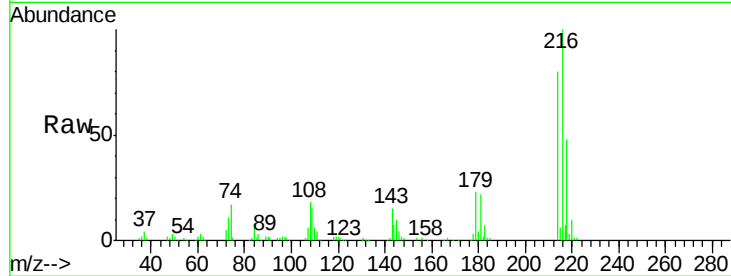
179 23.8 0.0 0.0#

108 20.4 0.5 0.7#

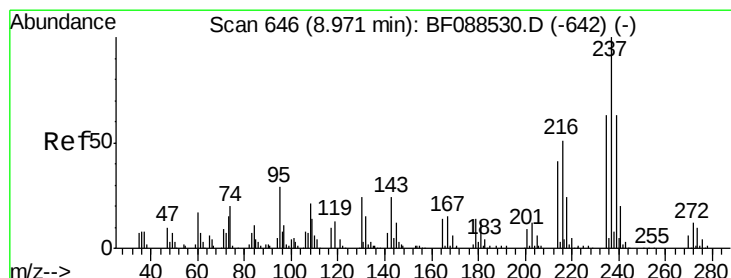
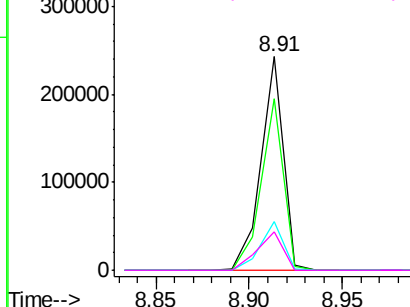
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 3.61 ng

RT: 8.90 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF088804.D

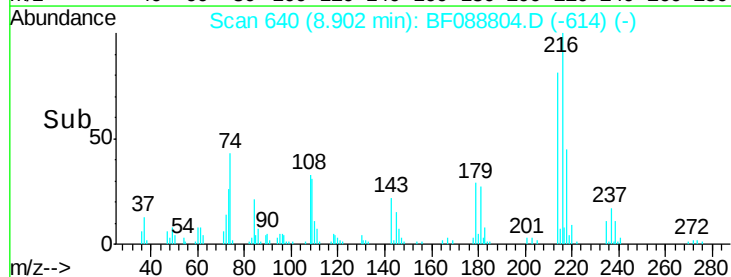
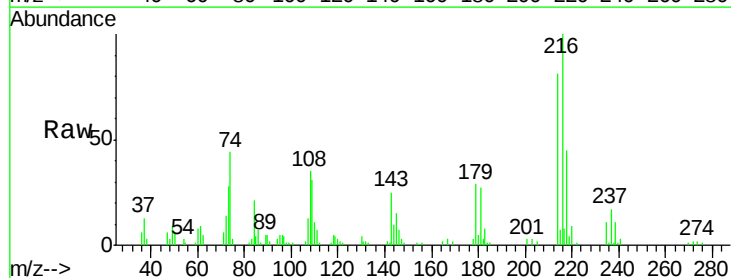
Acq: 8 Jul 2016 3:28

Tgt Ion:237 Resp: 7118
Ion Ratio Lower Upper

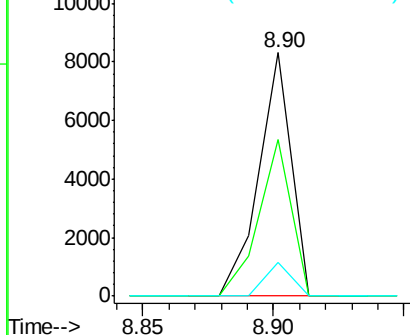
237 100

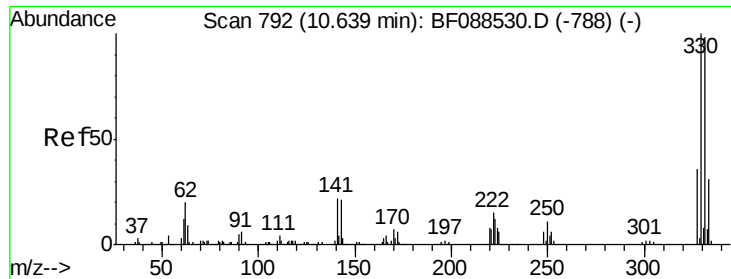
235 64.5 43.4 83.4

272 13.9 0.0 32.3



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





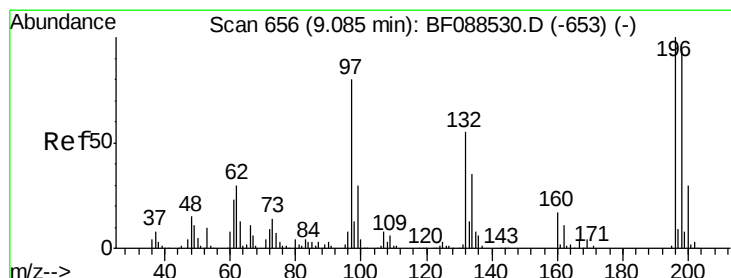
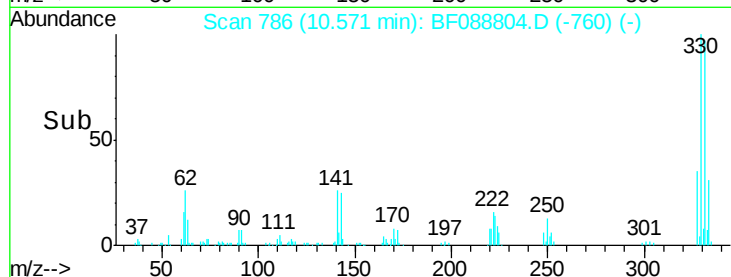
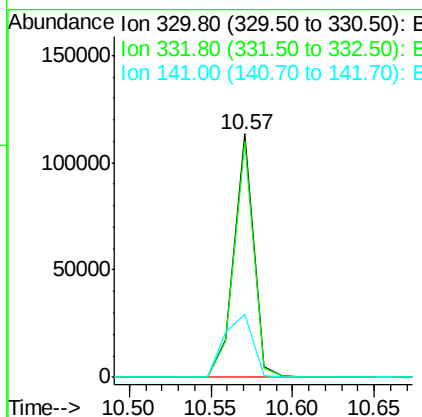
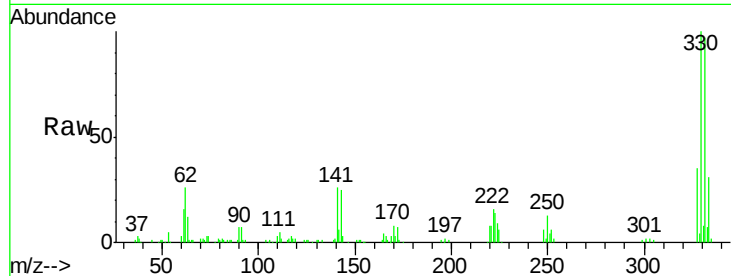
#41
 2,4,6-Tribromophenol
 Concen: 83.45 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	0.0	0.0	0.0
141	37.4	0.0	0.0	0.0

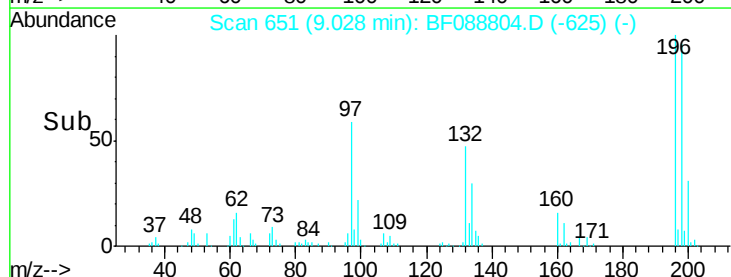
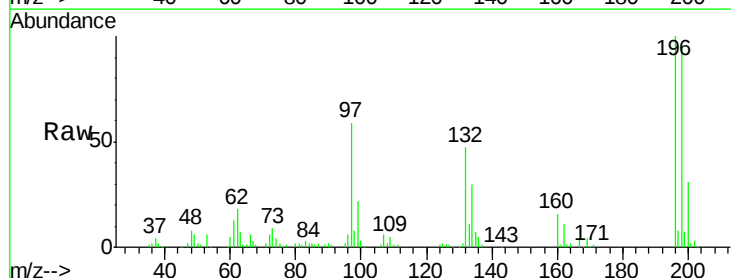
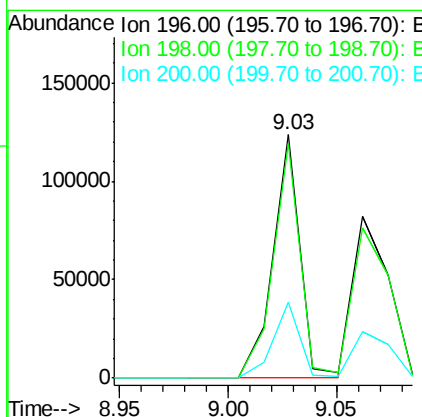
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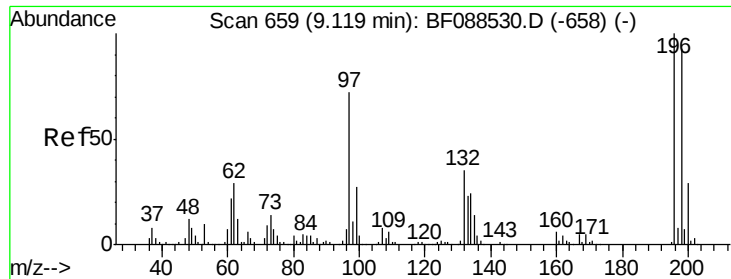
SOHIL
 7/8/2016 7:04:23 AM



#42
 2,4,6-Trichlorophenol
 Concen: 41.04 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.3	78.0	117.0	
200	30.9	25.4	38.2	





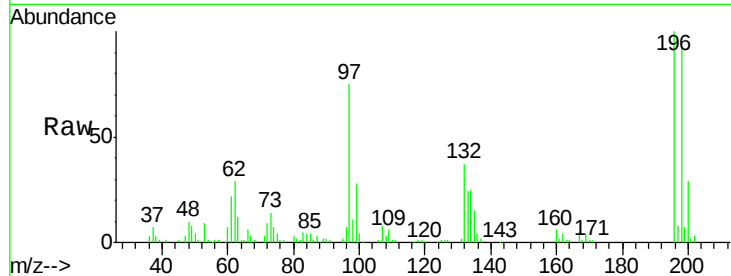
#43
 2,4,5-Trichlorophenol
 Concen: 41.24 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	77.5	116.3
97	75.4	32.0	48.0
132	36.8	20.9	31.3

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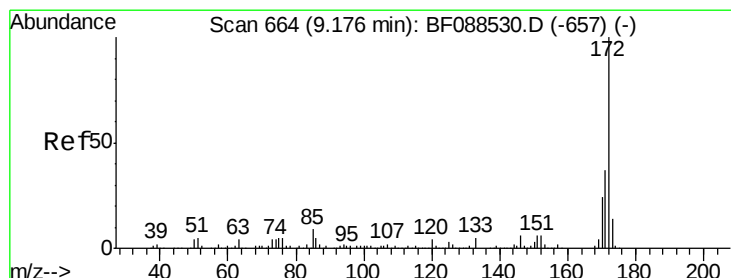
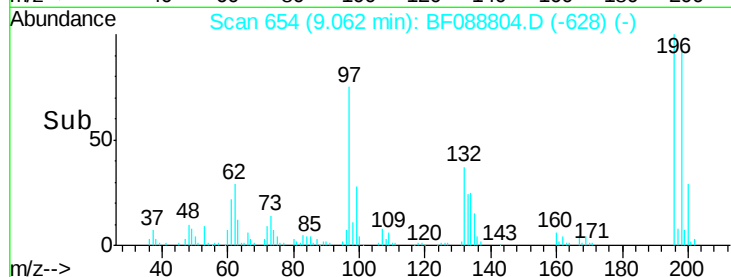
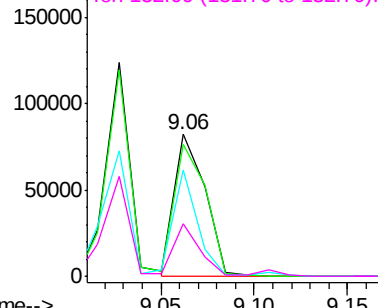
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.23 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

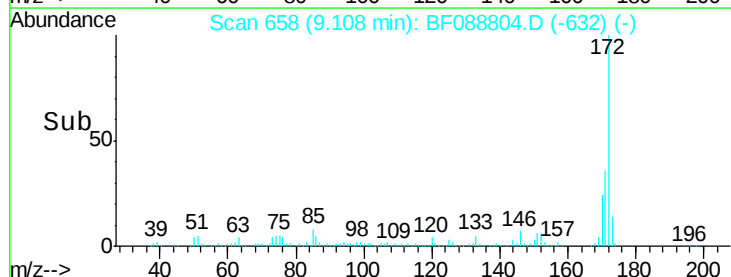
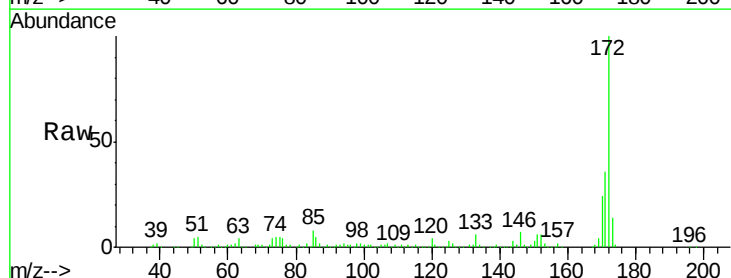
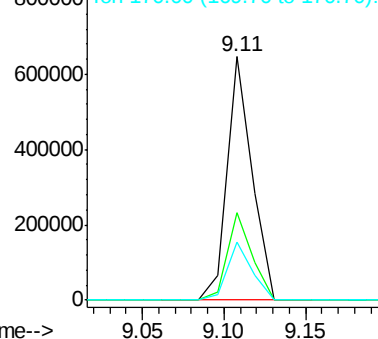
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.8	19.2	28.8

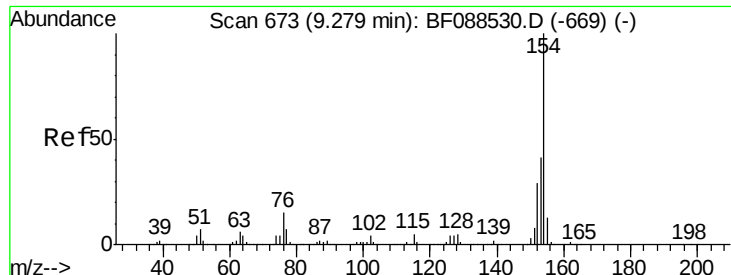
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 47.66 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 476993
Ion Ratio Lower Upper

154 100

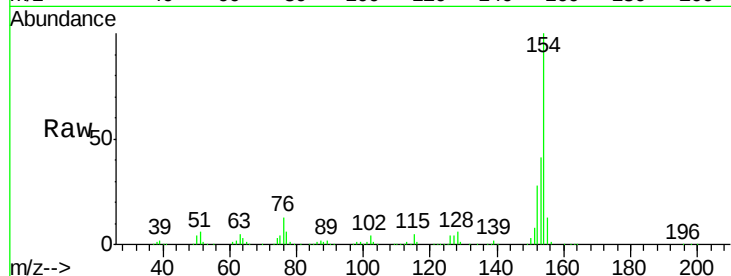
153 41.1 20.6 60.6

76 13.2 0.0 35.1

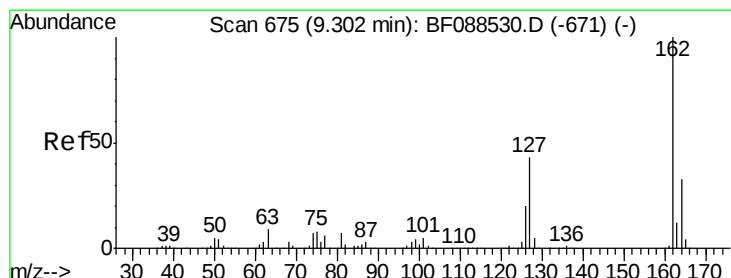
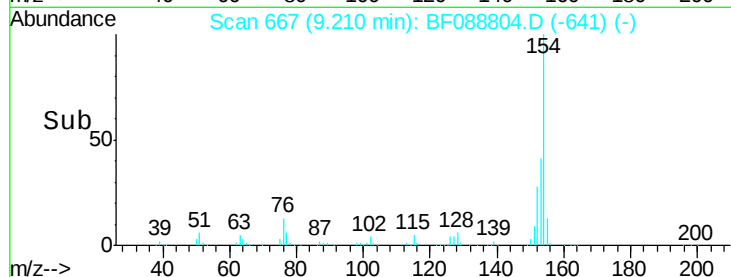
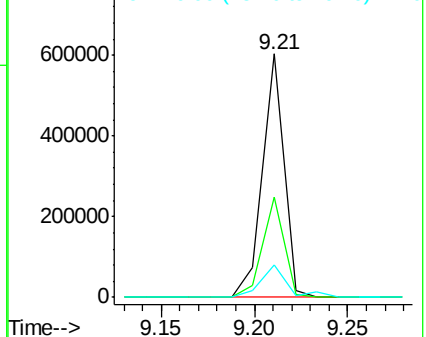
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.54 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF088804.D

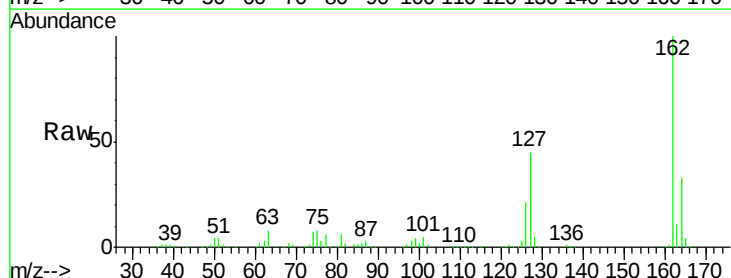
Acq: 8 Jul 2016 3:28

Tgt Ion:162 Resp: 357777
Ion Ratio Lower Upper

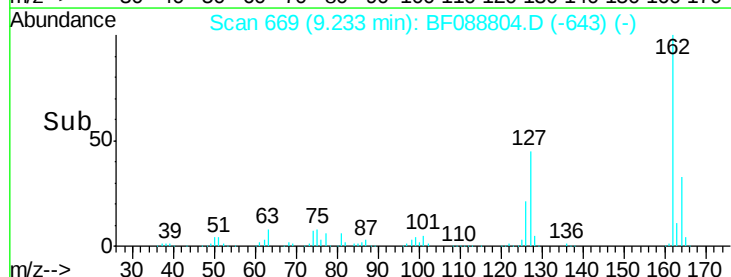
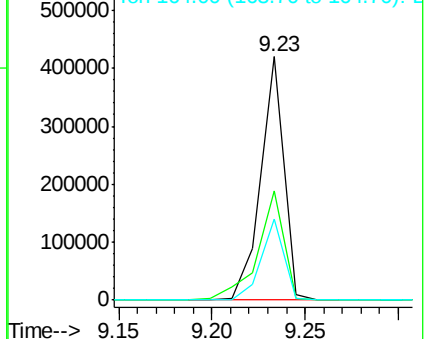
162 100

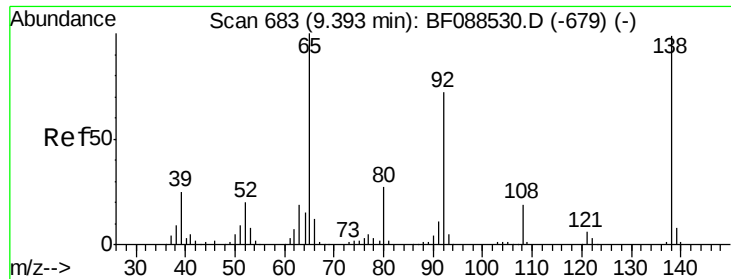
127 44.7 35.2 52.8

164 33.2 26.6 39.8



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





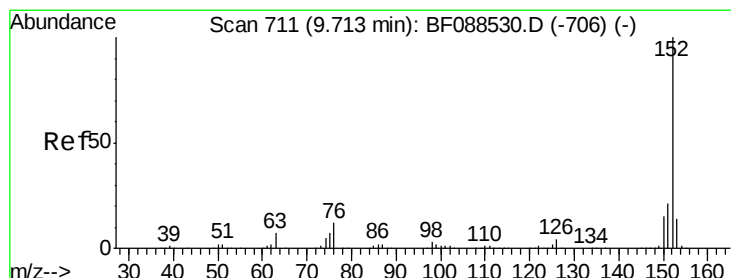
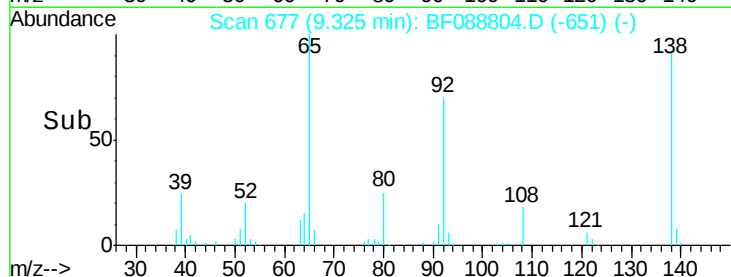
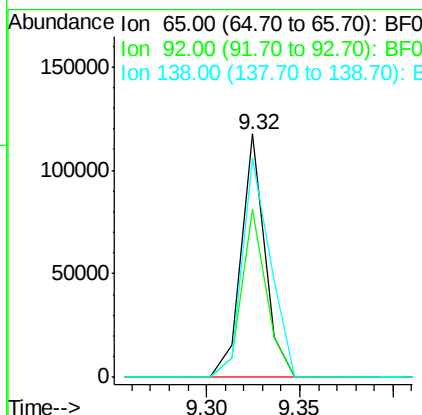
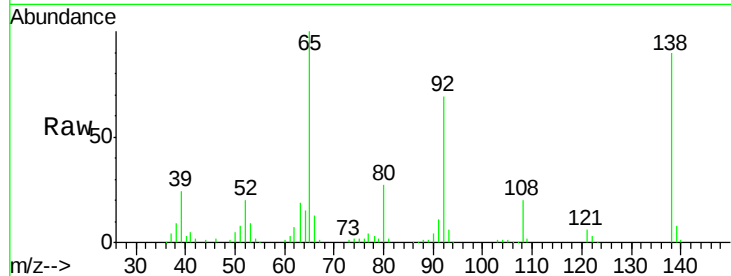
#47
 2-Nitroaniline
 Concen: 37.59 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	65	Resp:	104816
Ion Ratio		Lower	Upper
65	100		
92	69.2	54.6	82.0
138	90.2	77.0	115.4

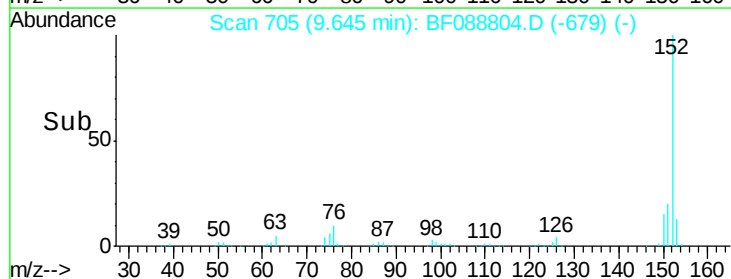
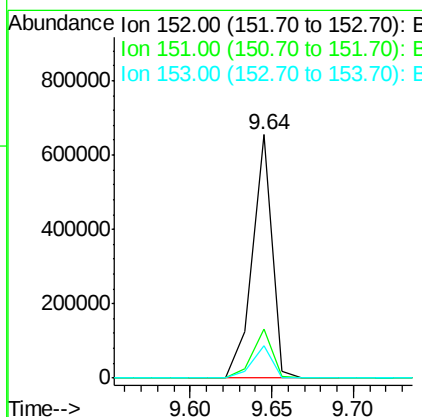
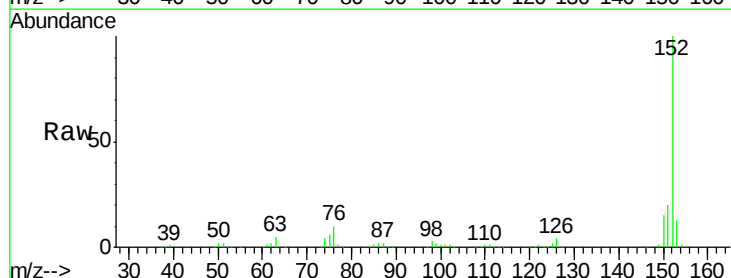
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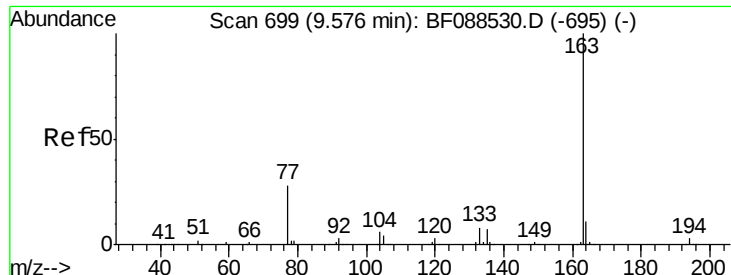
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#48
 Acenaphthylene
 Concen: 44.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion:	152	Resp:	550027
Ion Ratio		Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.1	11.0	16.6





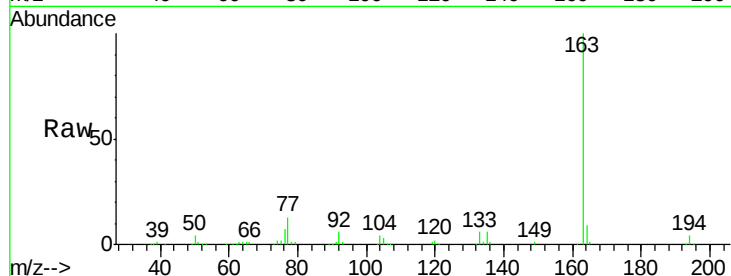
#49
Dimethylphthalate
Concen: 46.31 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

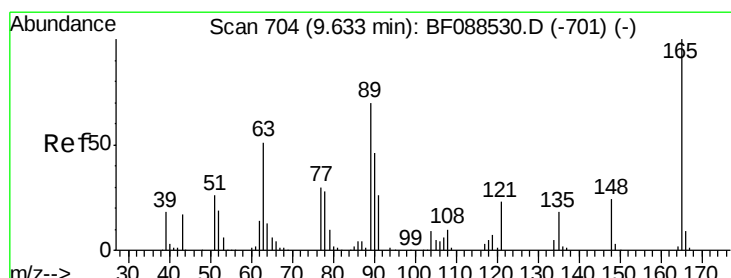
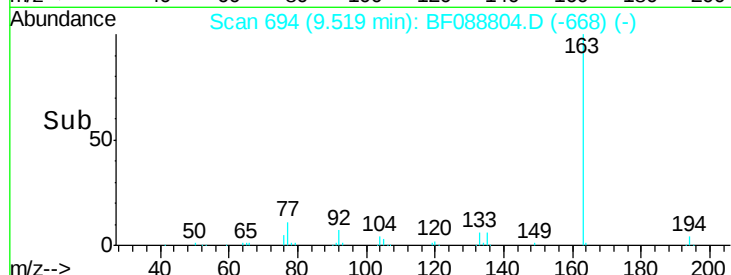
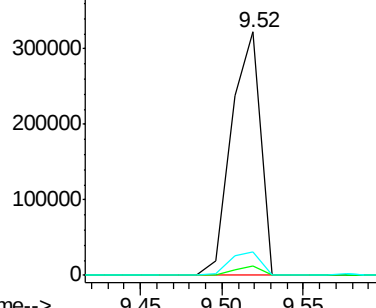
Tot Ion	Ratio	Resp	Lower	Upper
163	100	398696		
194	3.8		2.8	4.2
164	9.4		8.3	12.5

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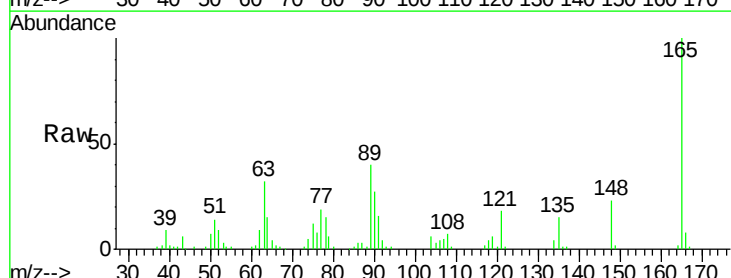


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

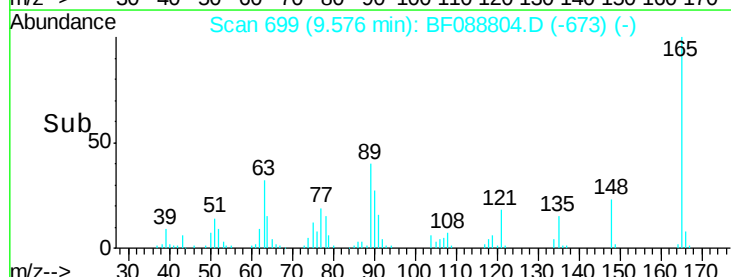
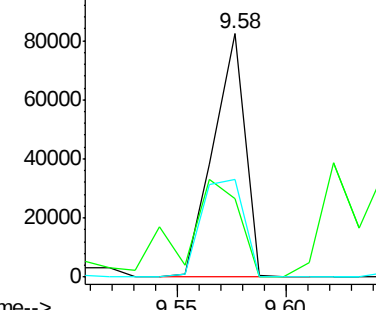


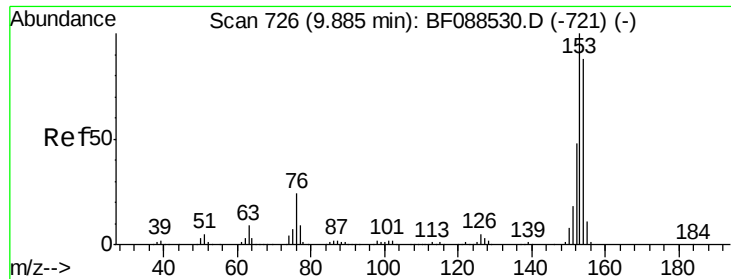
#50
2,6-Dinitrotoluene
Concen: 43.83 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	83635		
63	32.3		28.1	42.1
89	40.4		32.2	48.2



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: 39.27 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

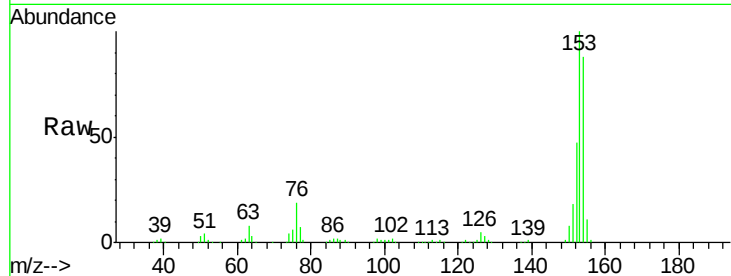
ClientSampleId :

SSTDCCC040EC

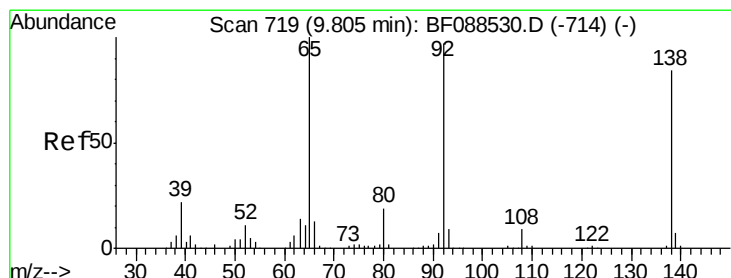
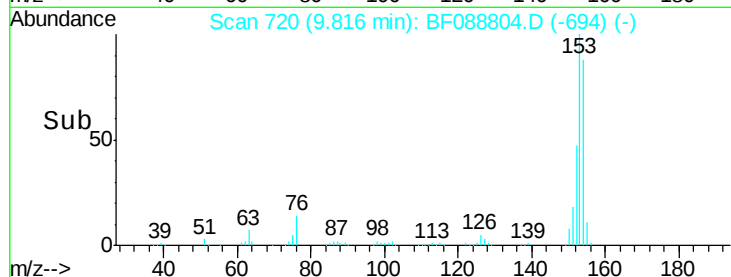
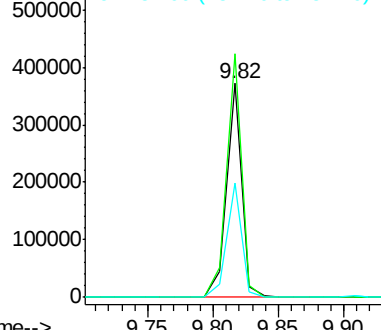
Tot Ion:	154	Resp:	300905
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.5	134.3
152	53.7	42.7	64.1

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



#52

3-Nitroaniline

Concen: 35.78 ng

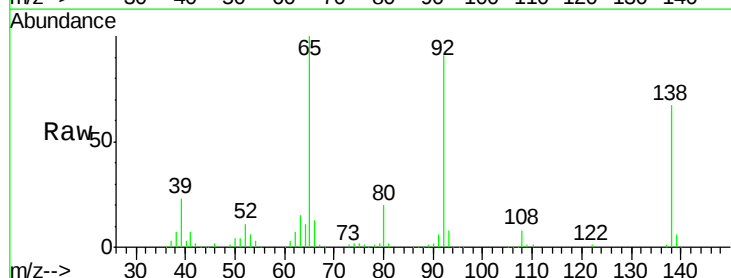
RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

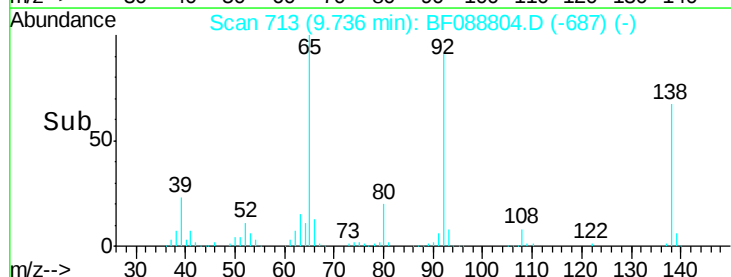
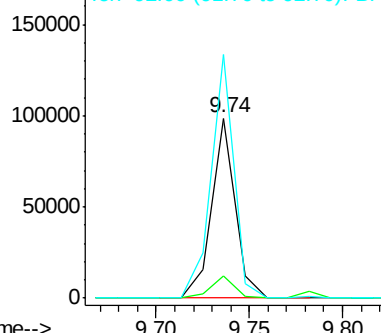
Lab File: BF088804.D

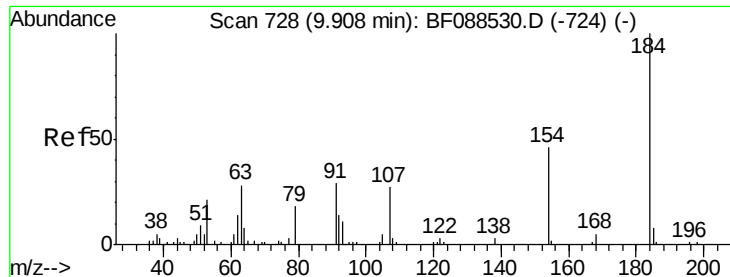
Acq: 8 Jul 2016 3:28

Tgt Ion:	138	Resp:	86795
Ion Ratio	Lower	Upper	
138	100		
108	12.1	8.5	12.7
92	135.3	95.7	143.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





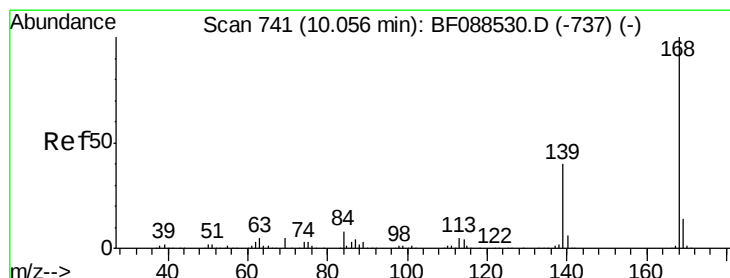
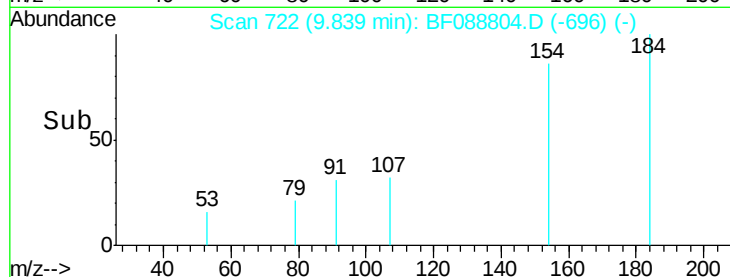
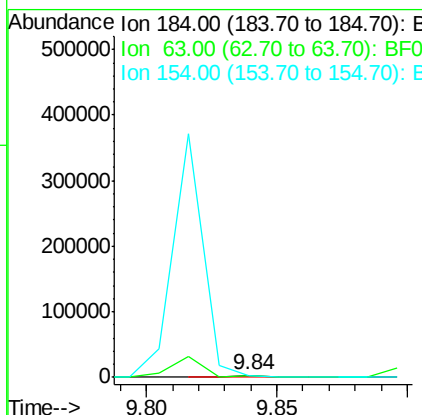
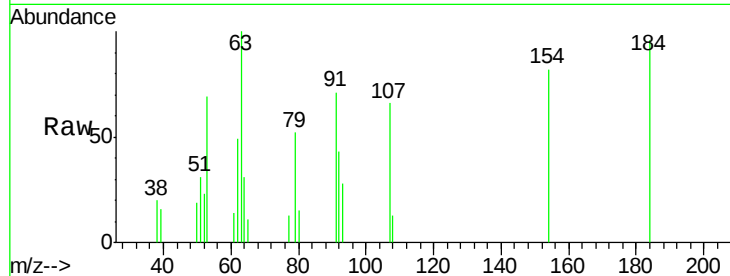
#53
2,4-Dinitrophenol
Concen: 3.24 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	104.2	57.6	86.4#
154	85.8	53.5	80.3#

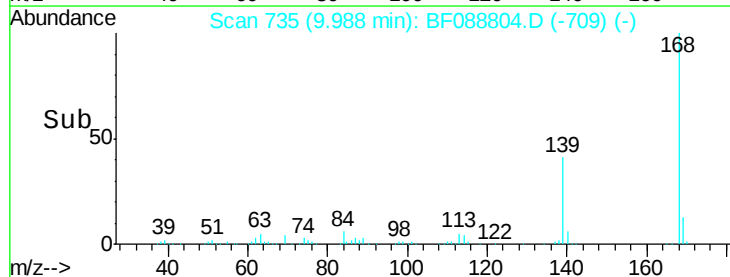
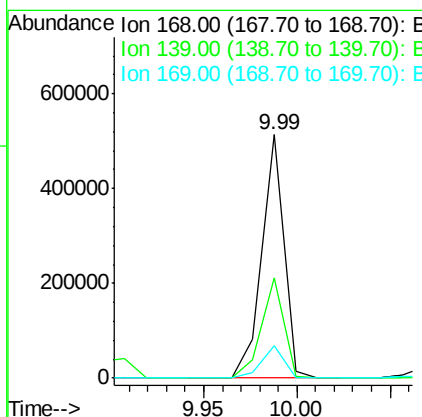
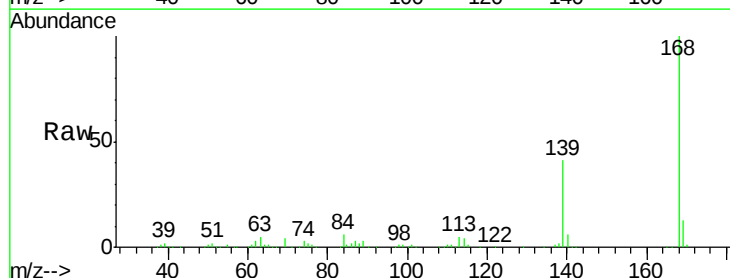
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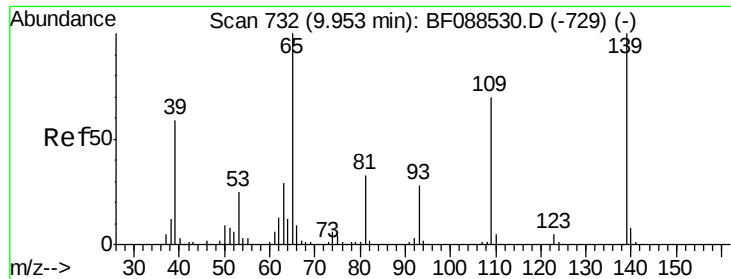
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#54
Dibenzofuran
Concen: 41.92 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	26.4	39.6#
169	13.5	10.4	15.6





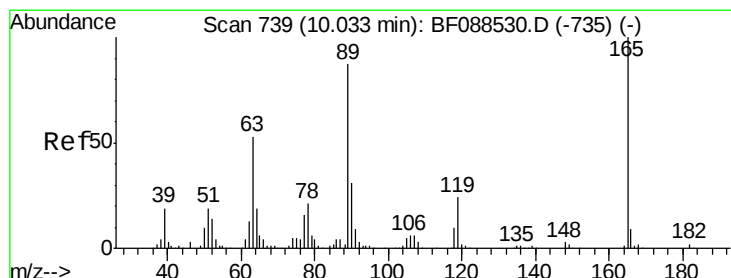
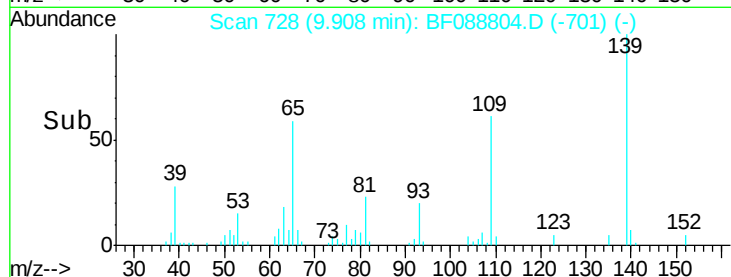
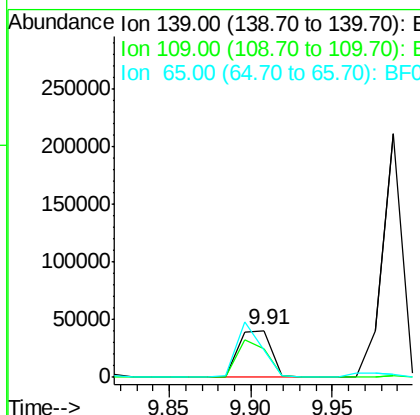
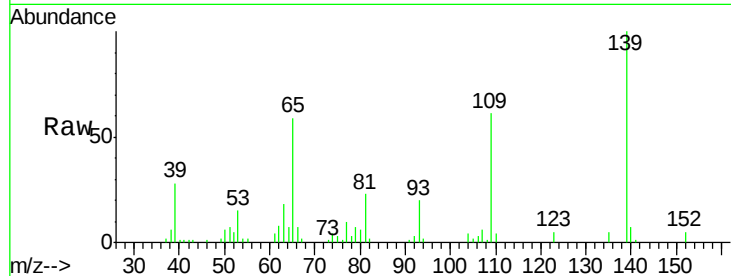
#55
4-Nitrophenol
Concen: 31.27 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.9	48.9	88.9
65	59.0	84.9	124.9

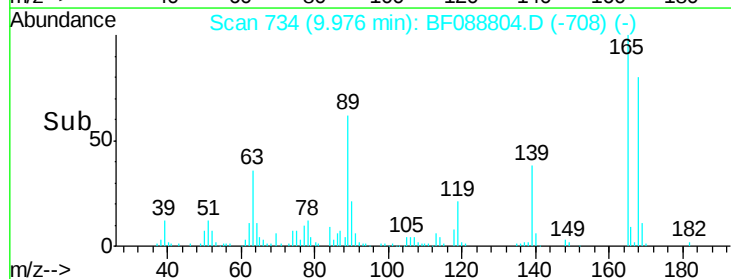
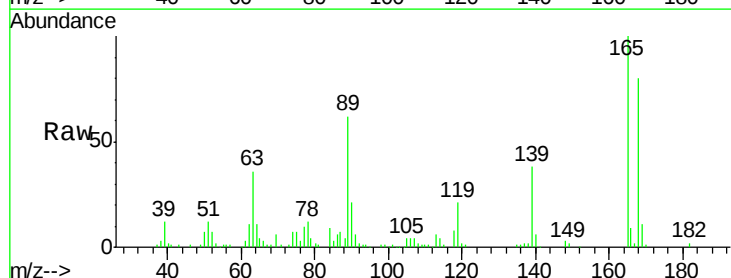
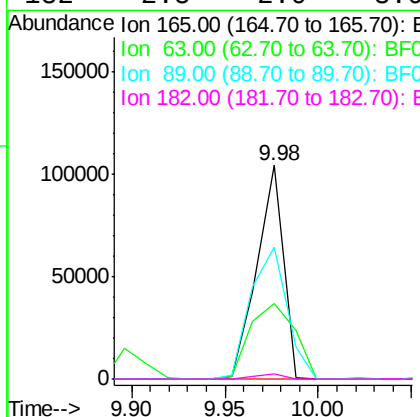
Manual Integrations
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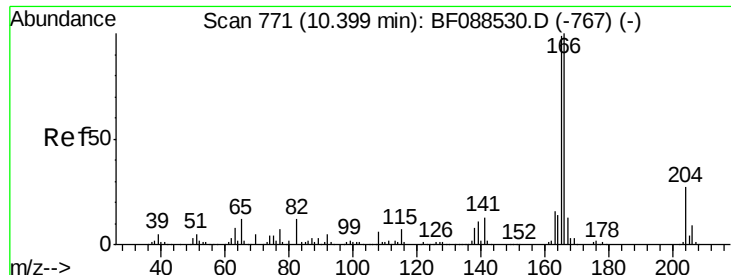
SOHIL
7/8/2016 7:04:23 AM



#56
2,4-Dinitrotoluene
Concen: 40.92 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.5	22.0	33.0
89	61.7	41.1	61.7
182	2.5	2.0	3.0





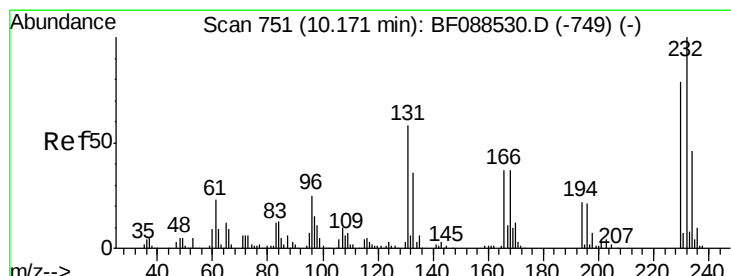
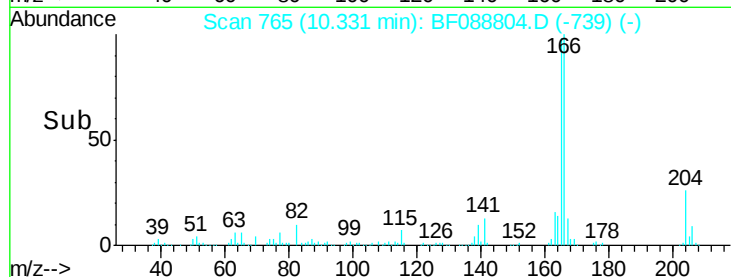
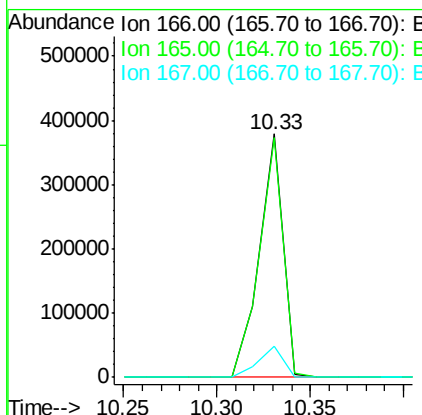
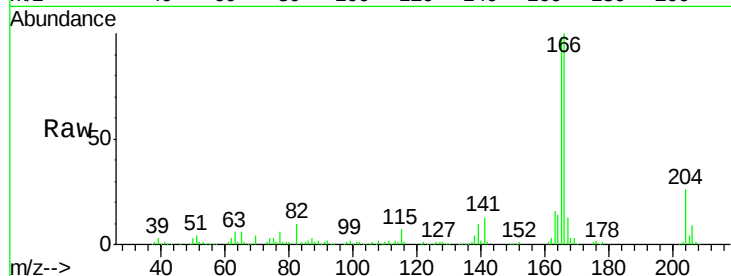
#57
Fluorene
 Concen: 44.00 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	12.9	11.2	16.8

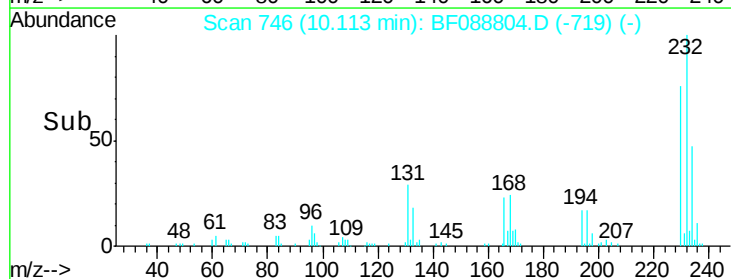
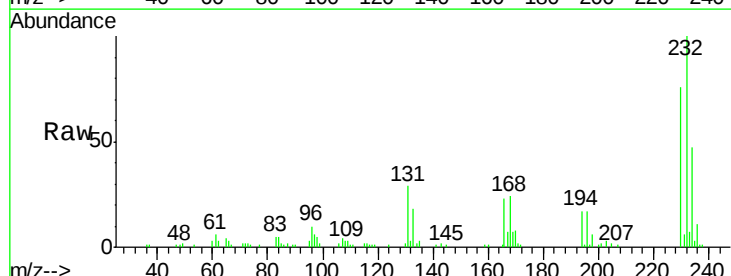
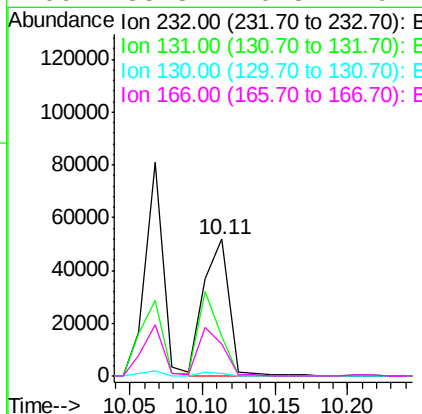
Manual Integrations
 APPROVED

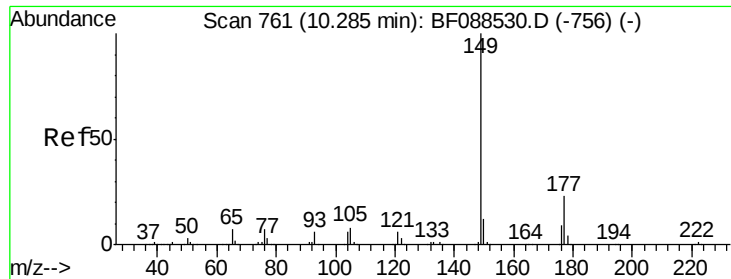
SOHIL
 7/8/2016 7:04:23 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.80 ng
 RT: 10.11 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.4	0.9	1.3#
130	2.6	1.5	2.3#
166	33.8	0.5	0.7#





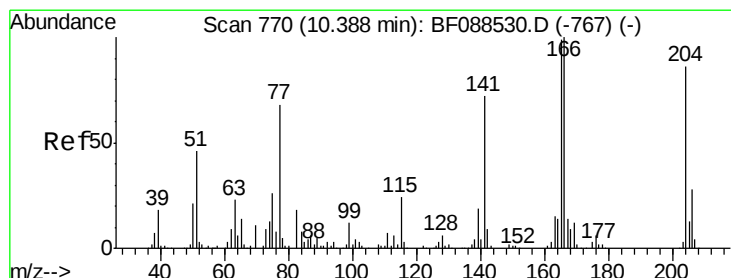
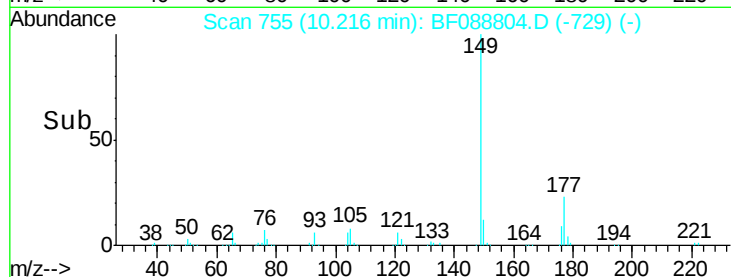
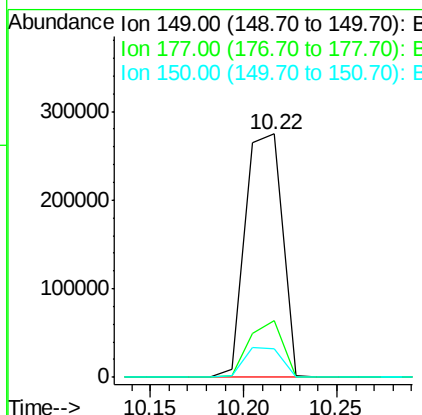
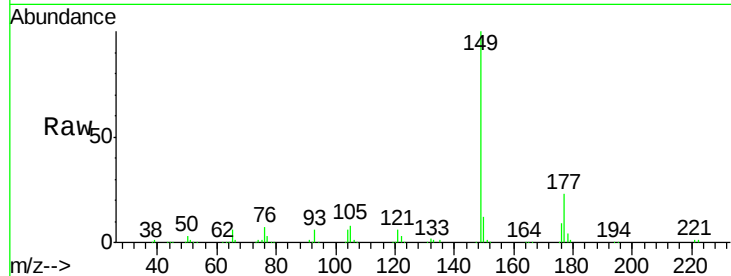
#59
Diethylphthalate
Concen: 43.69 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.2	16.9	25.3	
150	11.7	10.1	15.1	

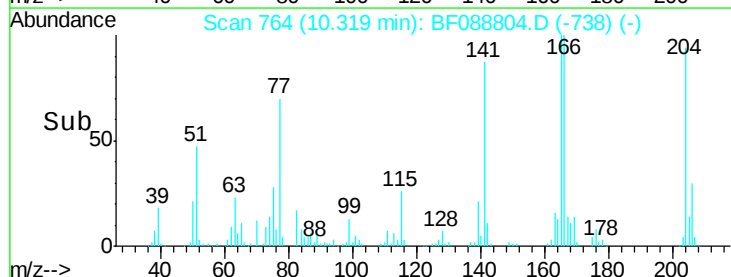
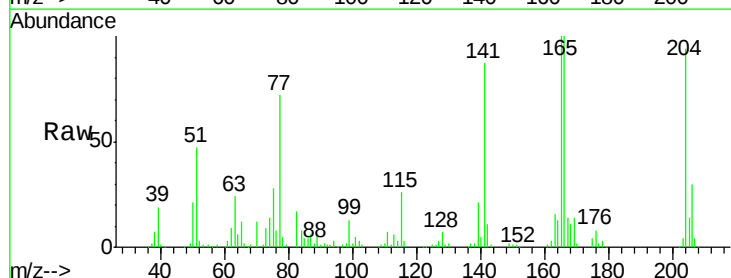
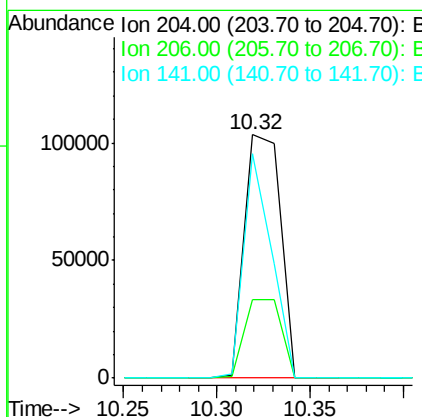
Manual Integrations
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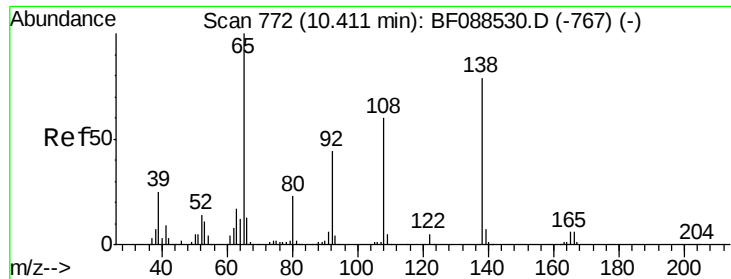
SOHIL
7/8/2016 7:04:23 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.15 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.2	26.3	39.5	
141	92.1	55.0	82.6	





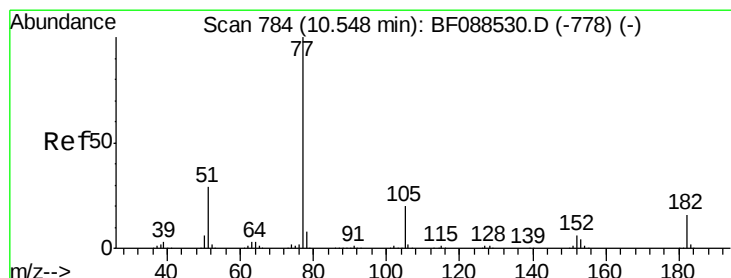
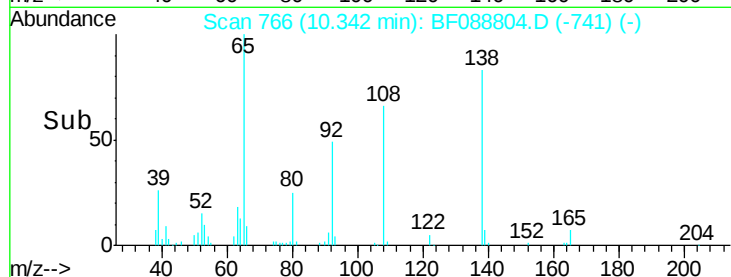
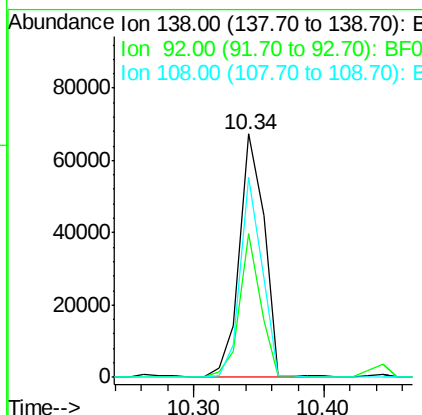
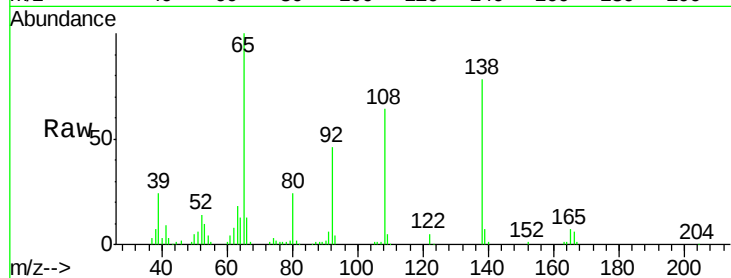
#61
4-Nitroaniline
Concen: 38.50 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.8	27.3	67.3
108	82.1	46.7	86.7

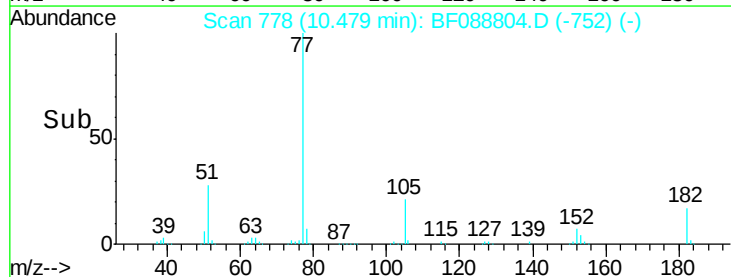
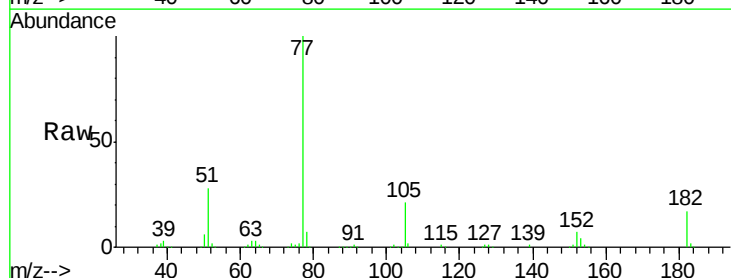
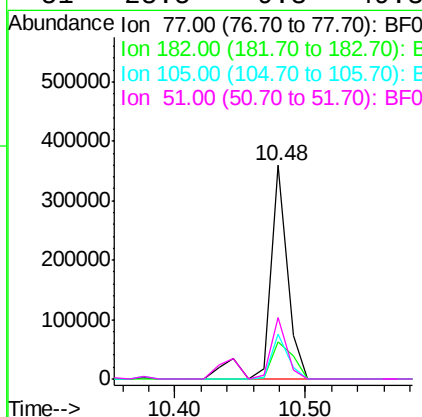
Manual Integrations
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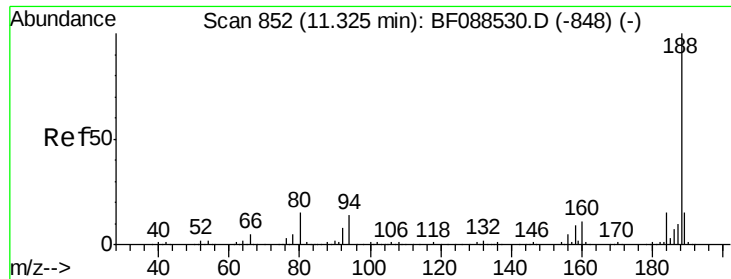
SOHIL
7/8/2016 7:04:23 AM



#62
Azobenzene
Concen: 35.10 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.1	4.4	44.4
105	20.8	3.8	43.8
51	28.5	9.3	49.3





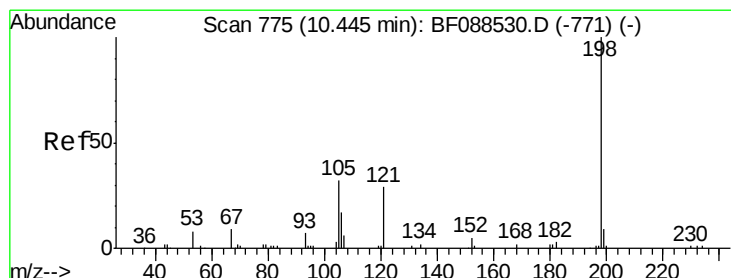
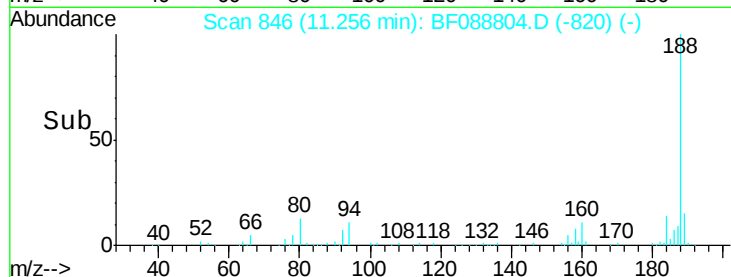
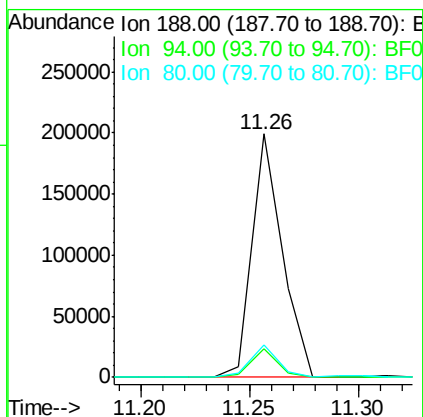
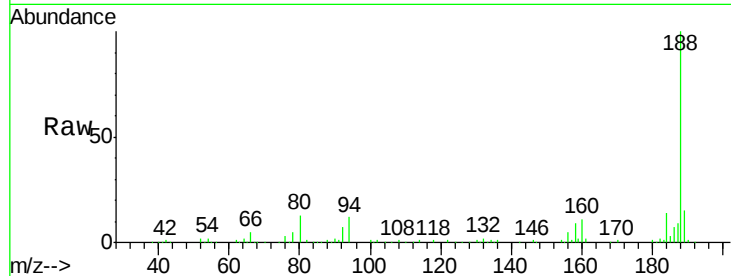
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100	193554		
94	11.8		9.0	13.6
80	13.5		10.0	15.0

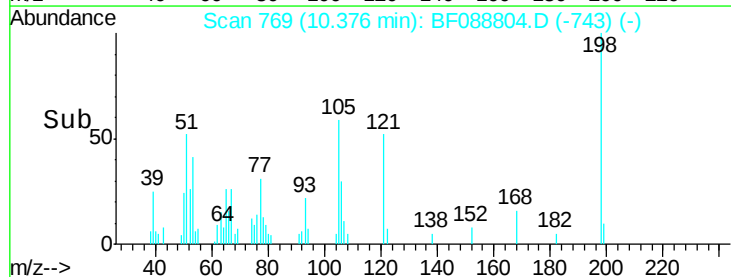
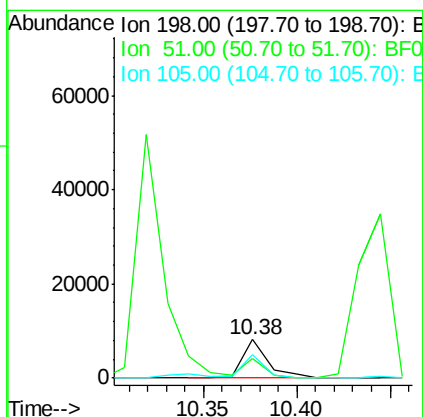
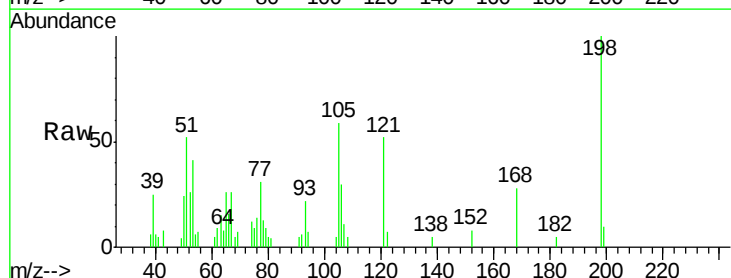
Manual Integrations
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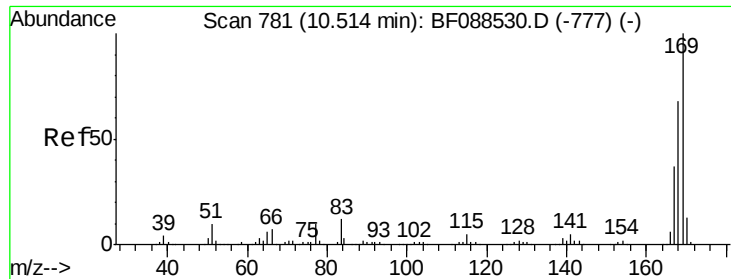
SOHIL
7/8/2016 7:04:23 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 7.33 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	7590		
51	51.9		39.6	79.6
105	59.4		36.6	76.6





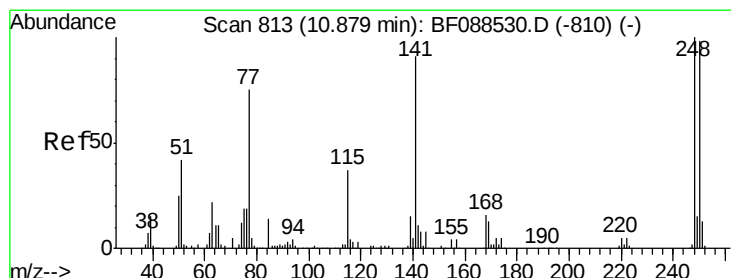
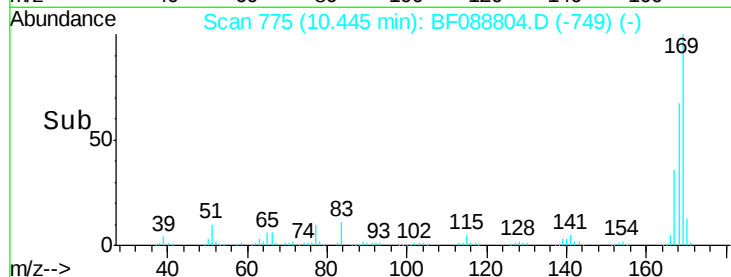
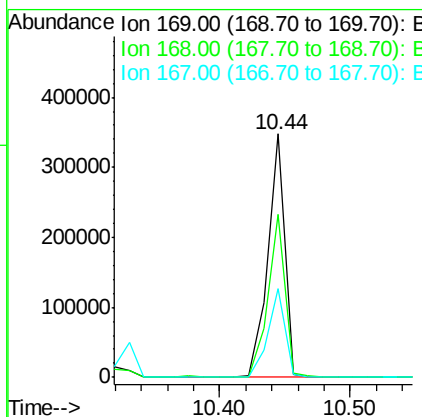
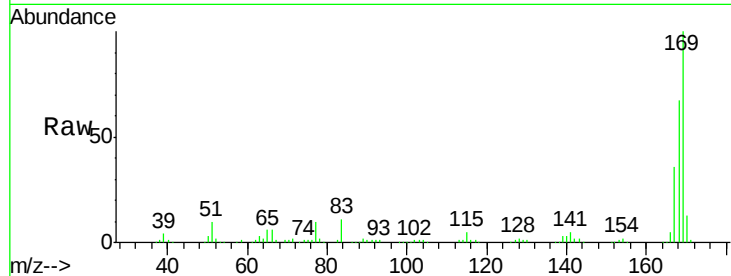
#65
 n-Nitrosodiphenylamine
 Concen: 48.34 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	316665		
168	66.9	53.4	80.0	
167	36.2	29.4	44.0	

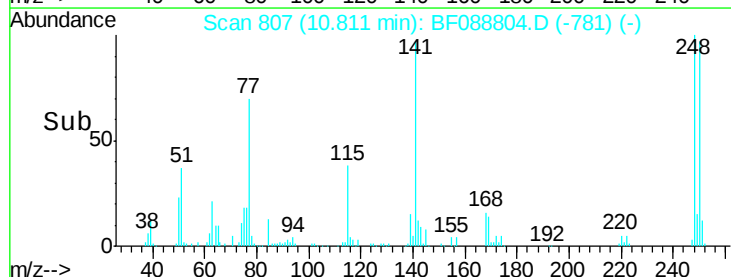
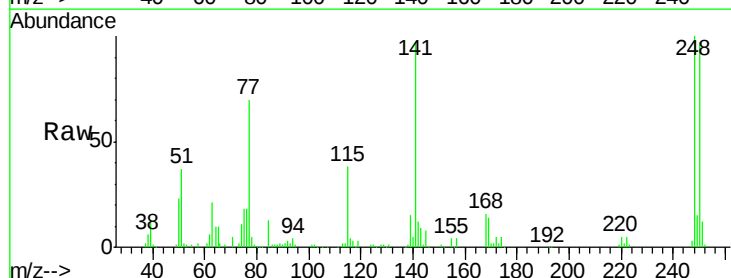
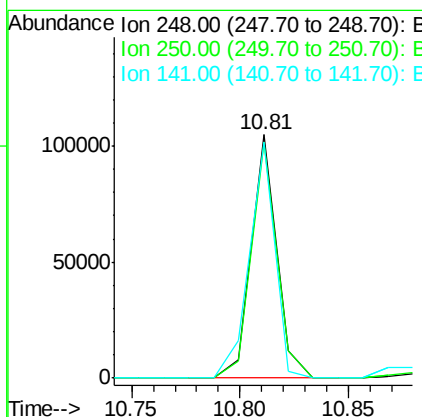
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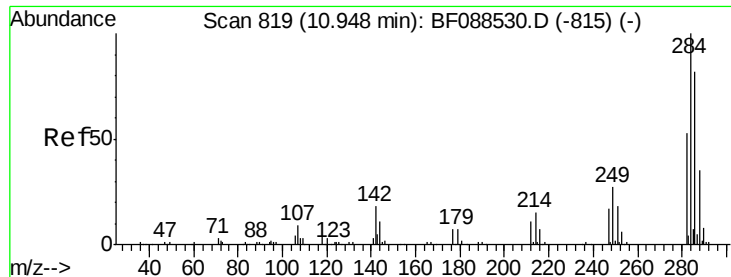
SOHIL
 7/8/2016 7:04:23 AM



#66
 4-Bromophenyl-phenylether
 Concen: 43.87 ng
 RT: 10.81 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	85565		
250	97.1	77.1	115.7	
141	96.8	50.6	76.0	





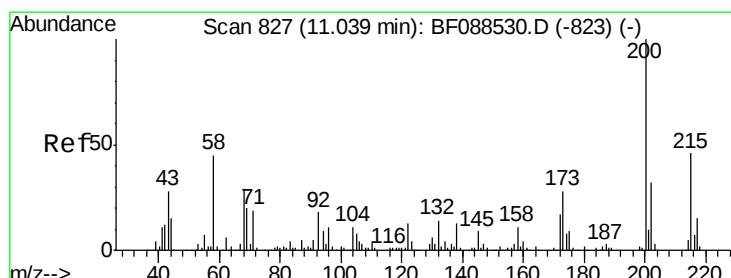
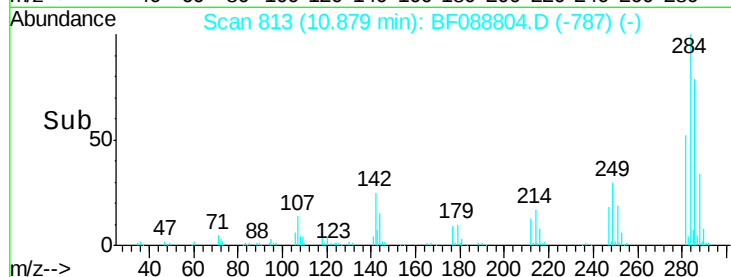
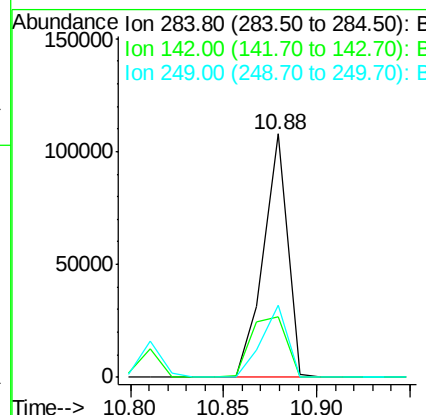
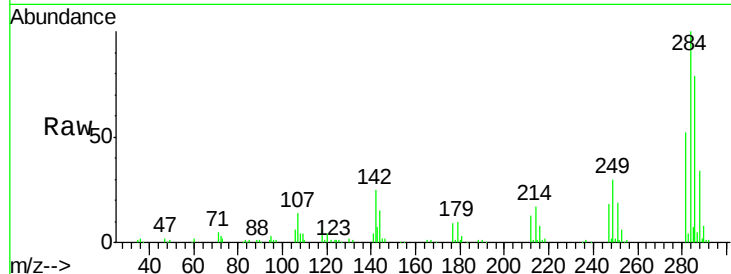
#67
Hexachlorobenzene
Concen: 44.72 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	96552		
142	24.9	35.8	53.8	
249	29.6	25.8	38.6	

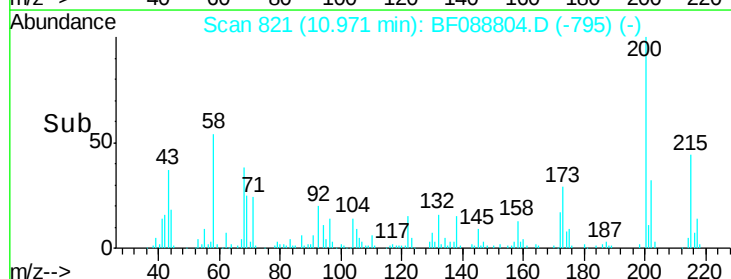
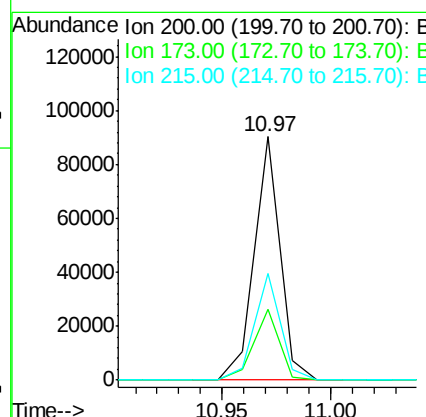
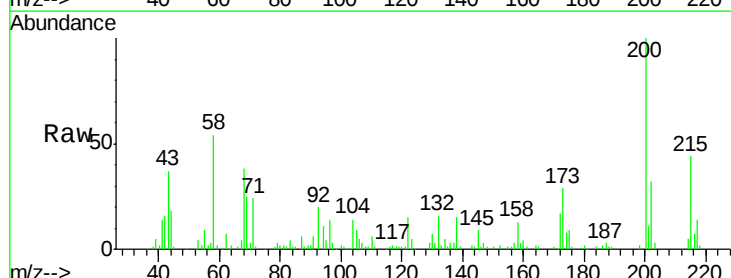
Manual Integrations
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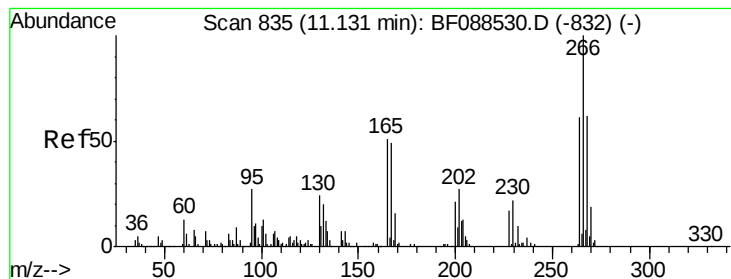
SOHIL
7/8/2016 7:04:23 AM



#68
Atrazine
Concen: 36.28 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	74053		
173	28.9	4.0	44.0	
215	43.6	29.3	69.3	





#69

Pentachlorophenol

Concen: 34.83 ng

RT: 11.07 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:266 Resp: 44509

Ion Ratio Lower Upper

266 100

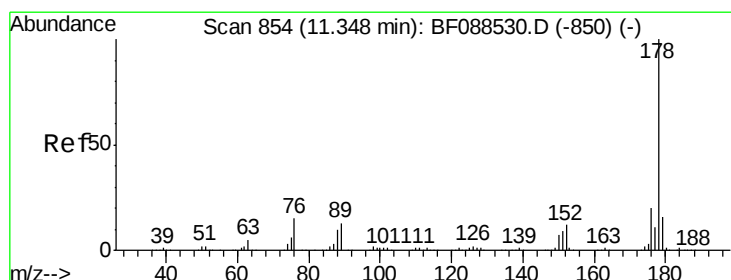
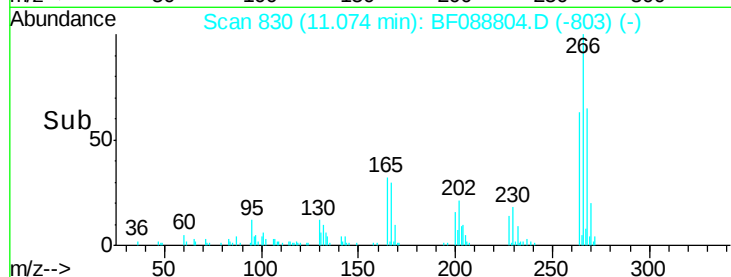
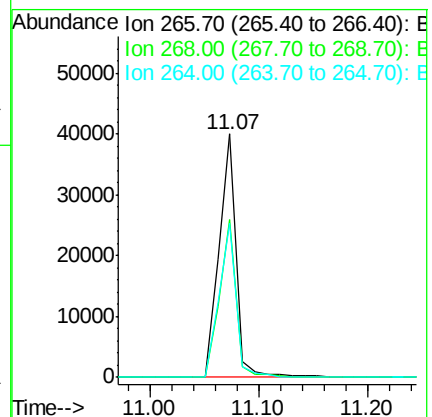
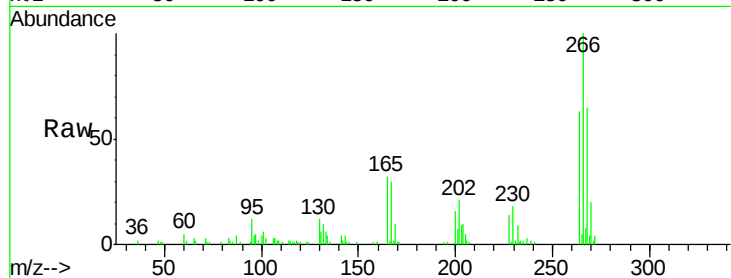
268 64.9 52.8 79.2

264 63.2 49.6 74.4

Manual Integrations
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SOHIL

7/8/2016 7:04:23 AM



#70

Phenanthrene

Concen: 38.54 ng

RT: 11.28 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

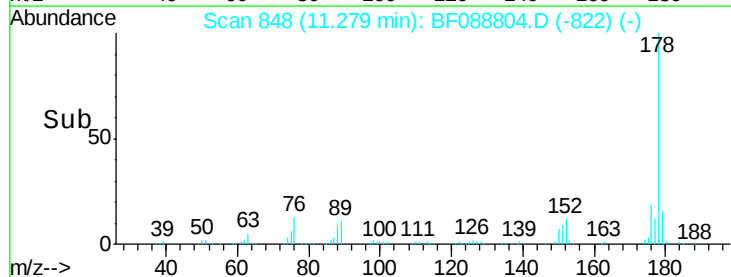
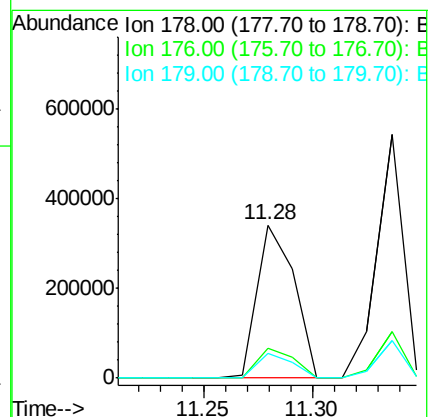
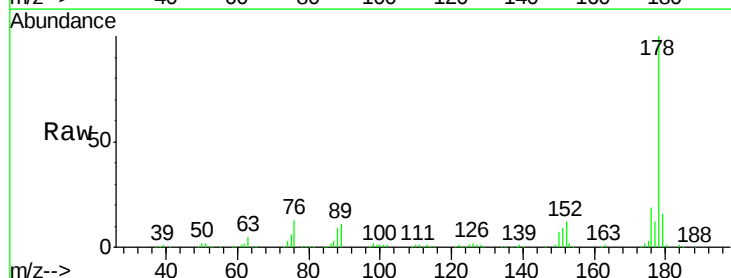
Tgt Ion:178 Resp: 407823

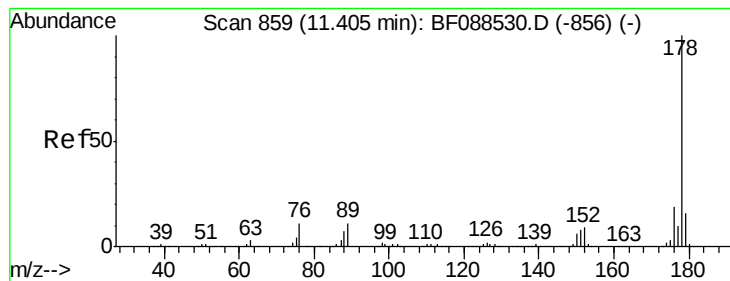
Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

179 15.8 13.0 19.4





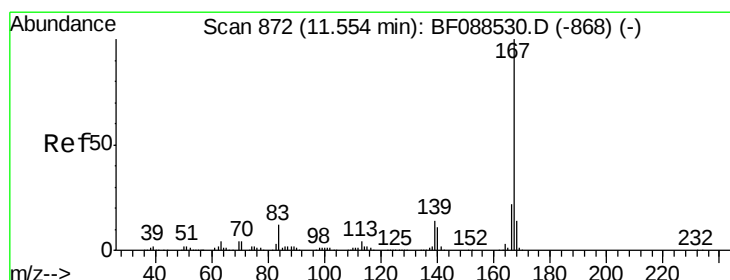
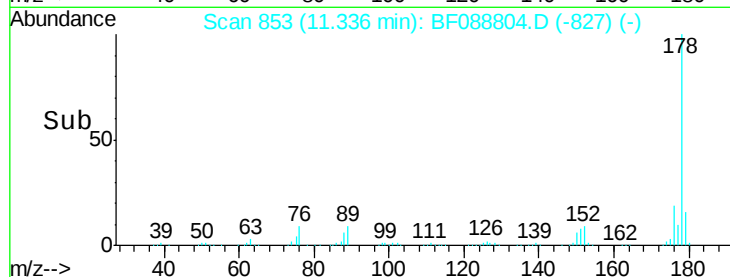
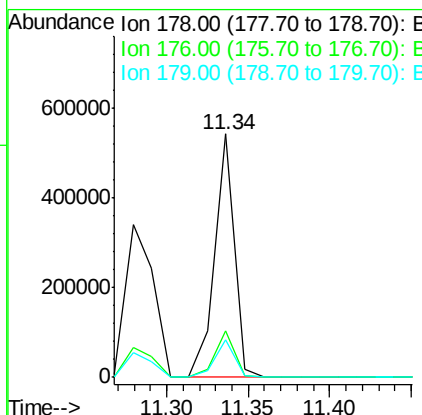
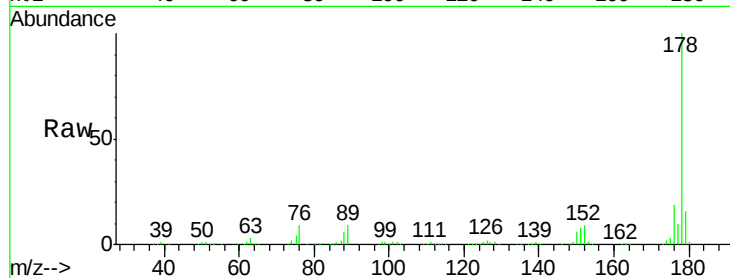
#71
 Anthracene
 Concen: 43.58 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.6	12.8	19.2

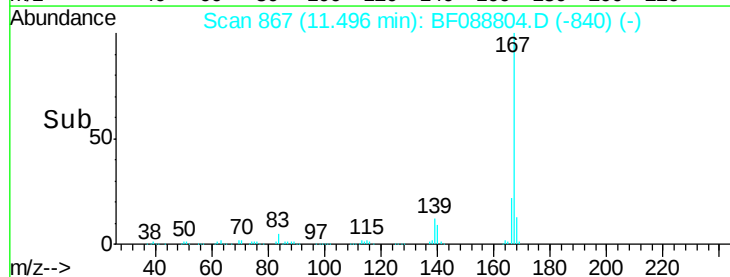
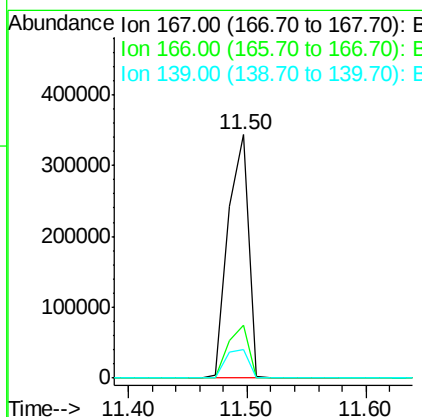
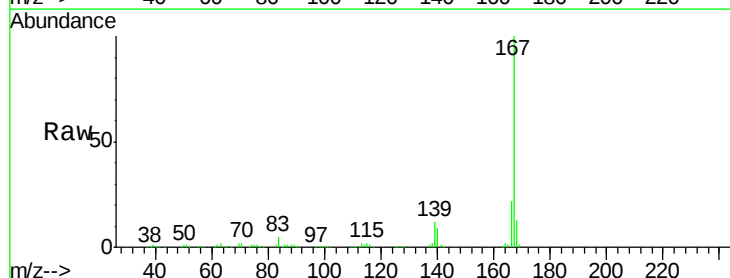
Manual Integrations
 APPROVED

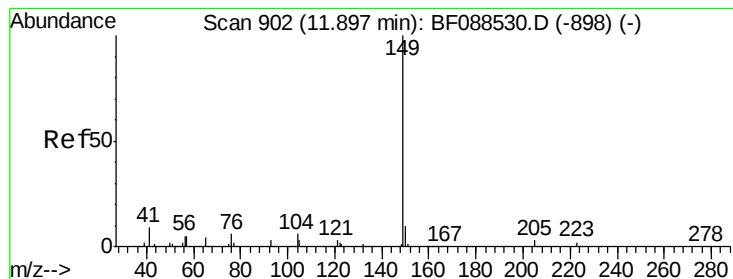
SOHIL
 7/8/2016 7:04:23 AM



#72
 Carbazole
 Concen: 41.22 ng
 RT: 11.50 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	11.9	11.2	16.8





#73

Di-n-butylphthalate

Concen: 41.01 ng

RT: 11.83 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

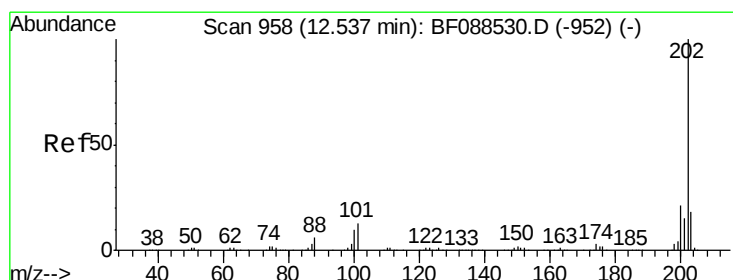
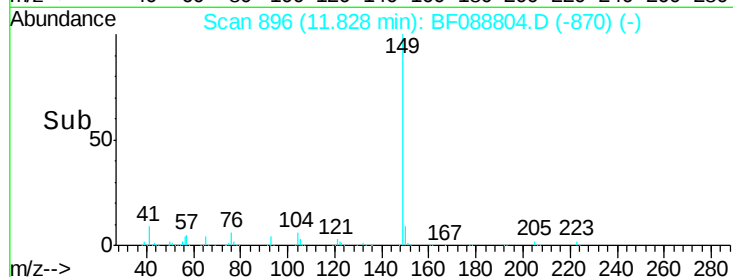
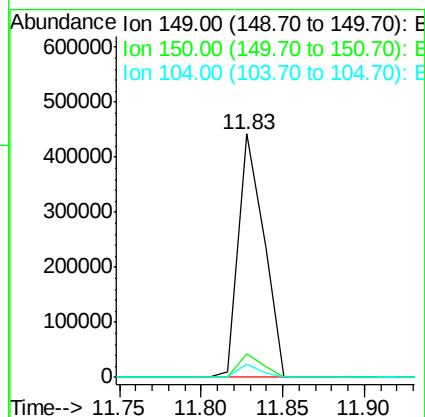
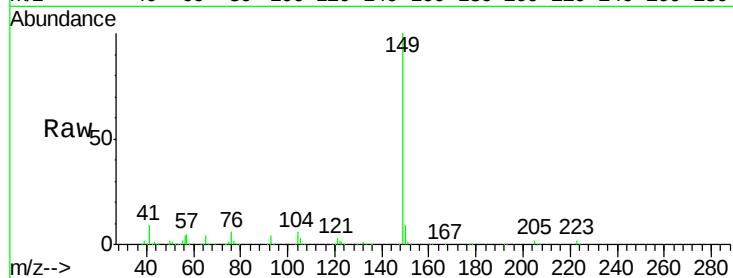
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	472358
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.7	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 44.55 ng

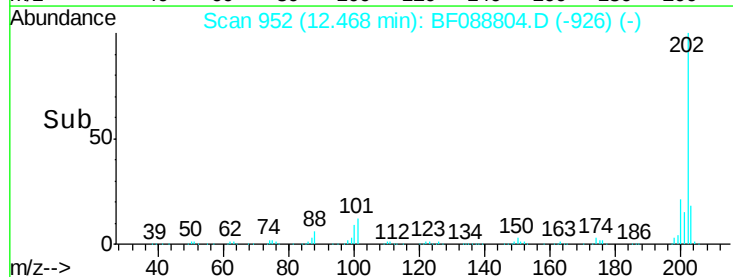
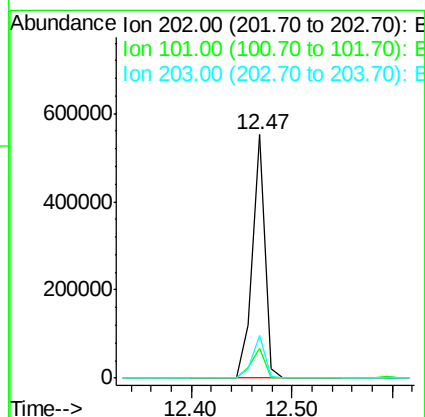
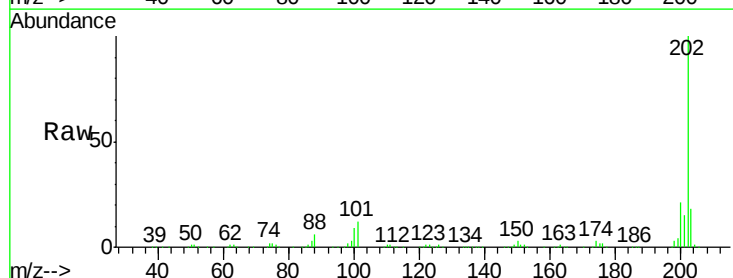
RT: 12.47 min Scan# 952

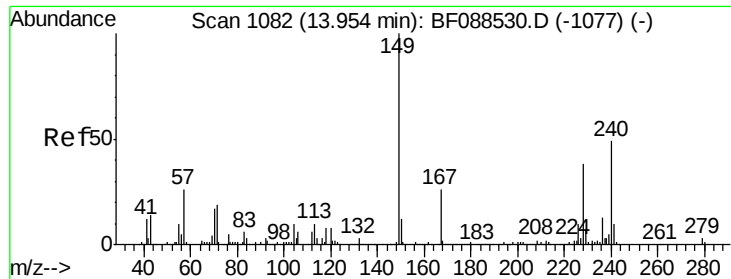
Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Tgt Ion:	202	Resp:	477812
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	33.1
203	17.6	0.0	38.1





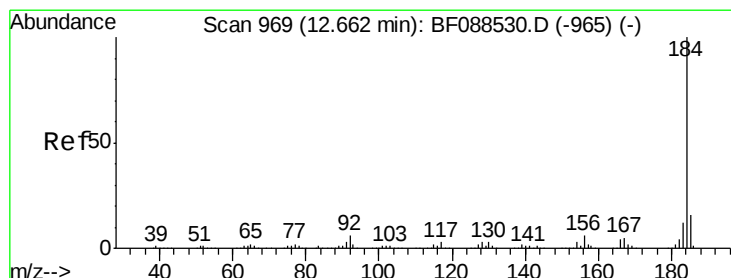
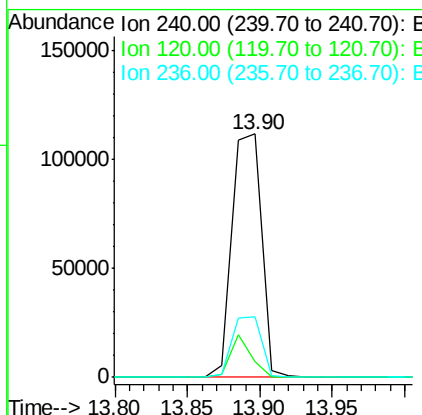
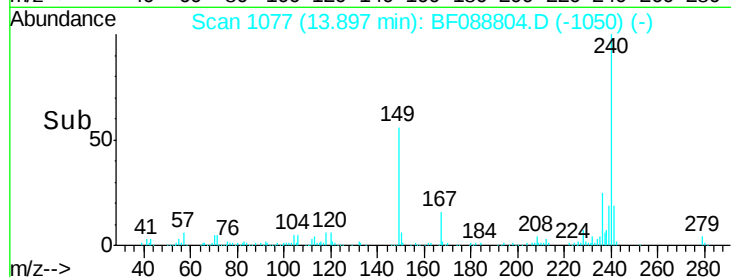
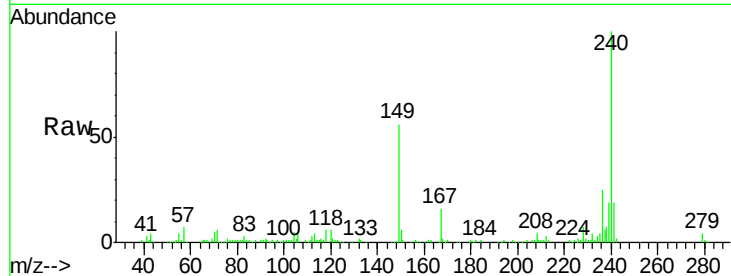
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2
236	25.1	20.2	30.2

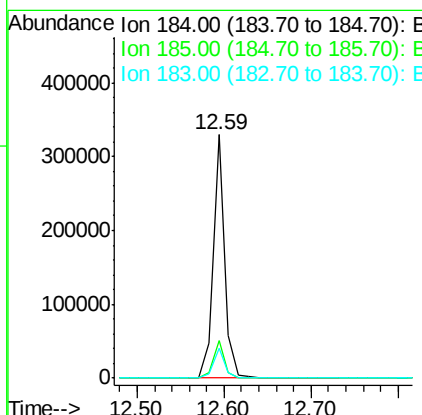
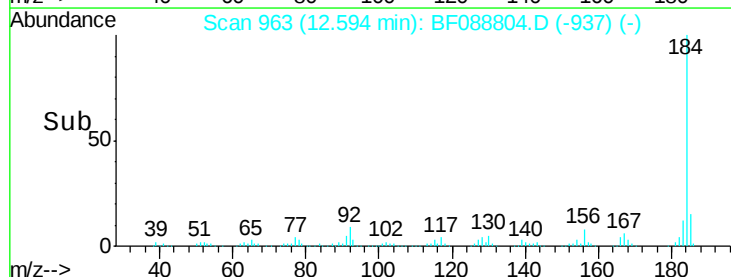
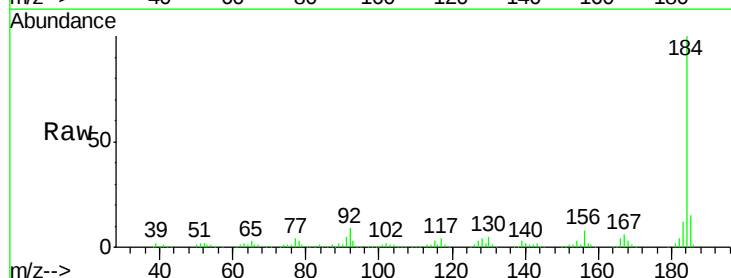
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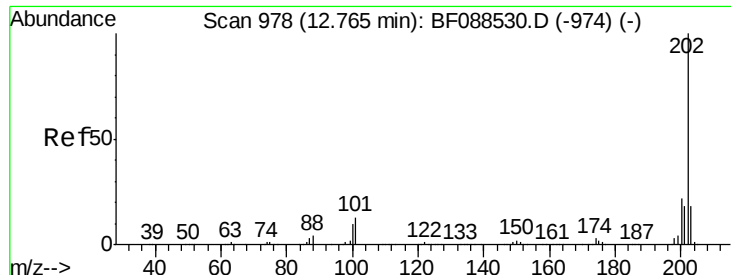
SOHIL
7/8/2016 7:04:23 AM



#76
Benzidine
Concen: 38.53 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.5	18.7
183	12.1	9.3	13.9





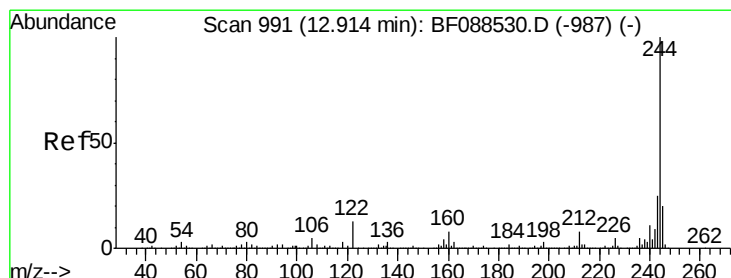
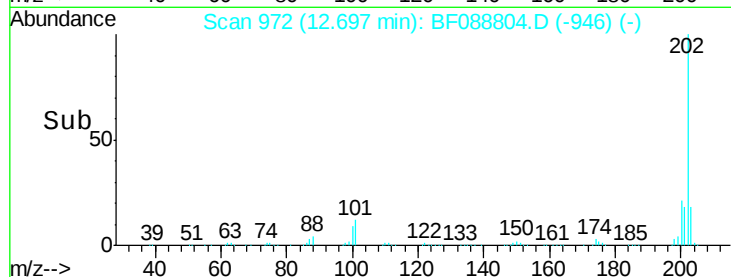
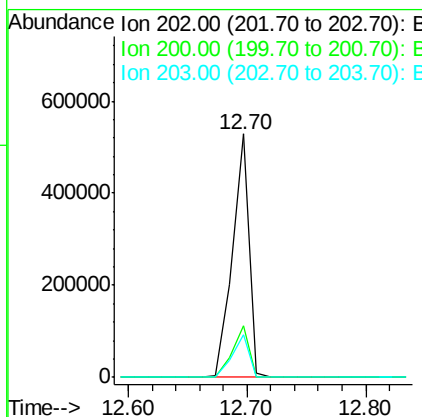
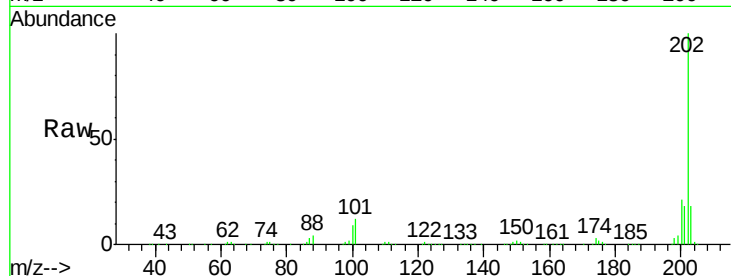
#77
Pvrene
Concen: 38.21 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.6	14.5	21.7

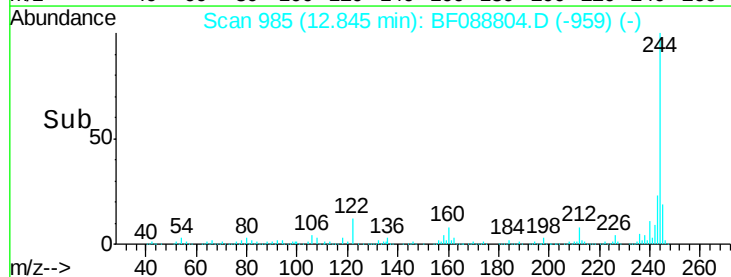
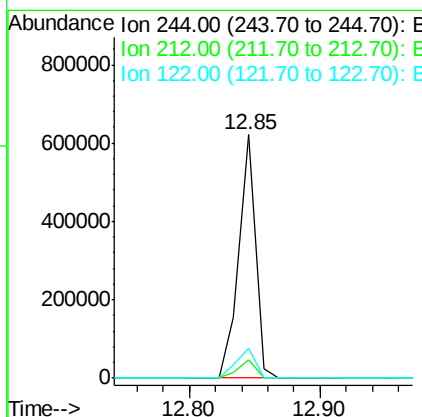
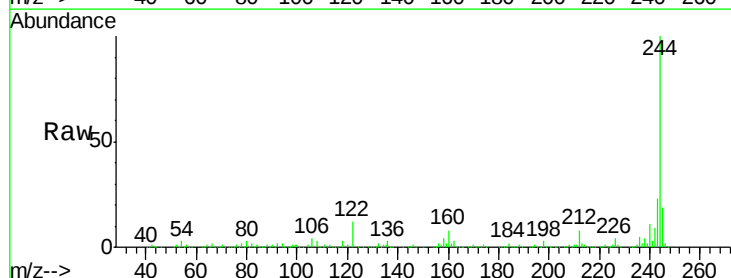
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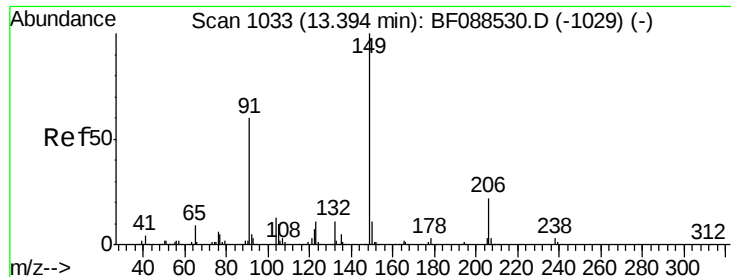
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#78
Terphenyl-d14
Concen: 78.07 ng
RT: 12.85 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	12.3	11.2	16.8





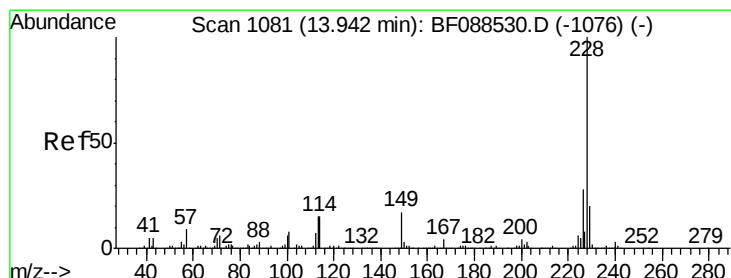
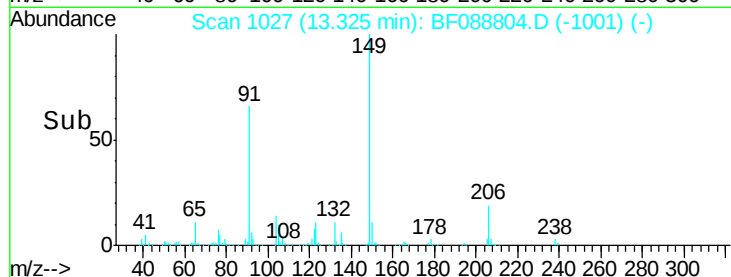
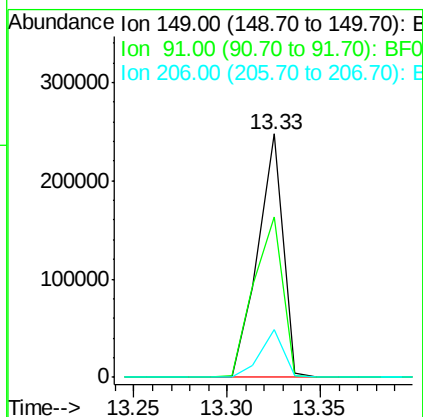
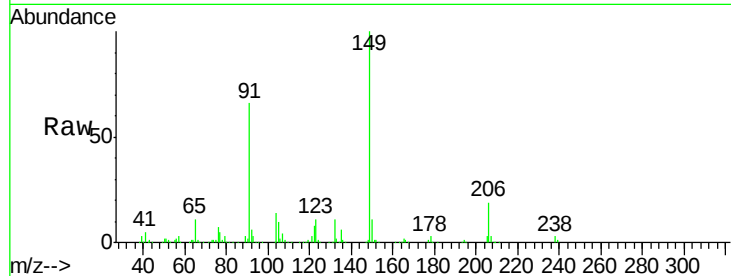
#79
Butylbenzylphthalate
Concen: 39.64 ng
RT: 13.33 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	48.0	72.0
206	19.5	16.0	24.0

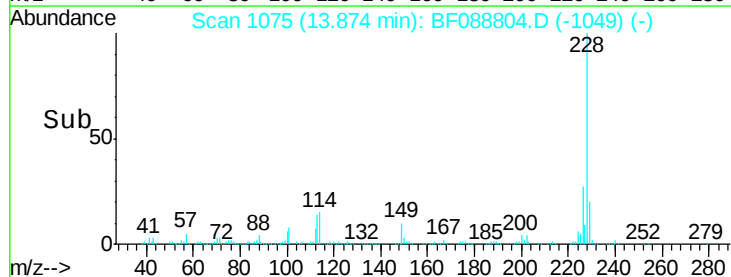
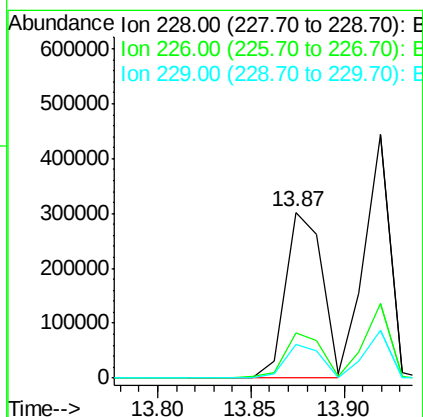
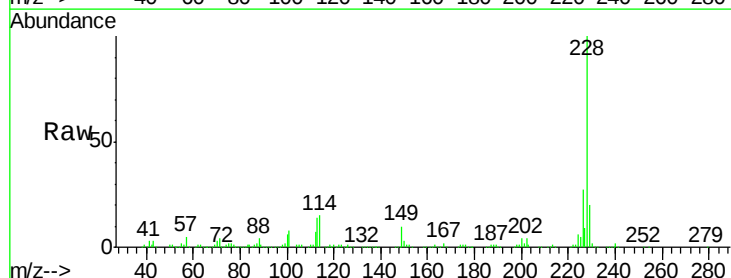
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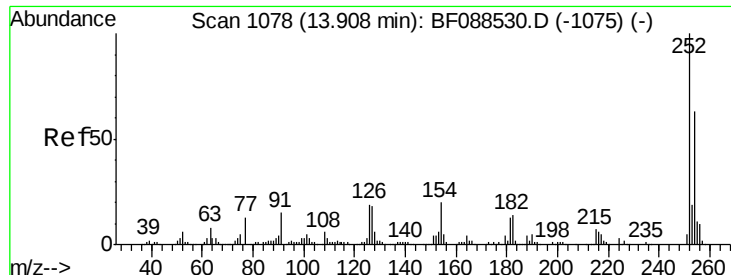
SOHIL
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#80
Benzo(a)anthracene
Concen: 40.94 ng
RT: 13.87 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.3	33.5
229	20.1	16.0	24.0





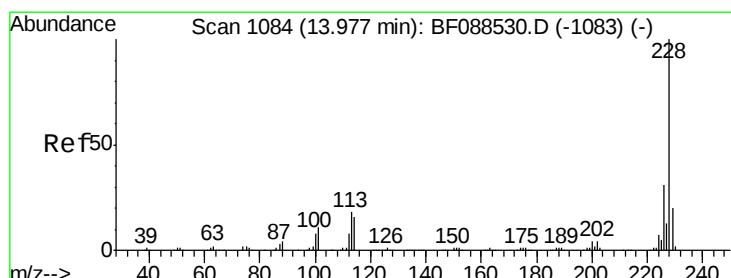
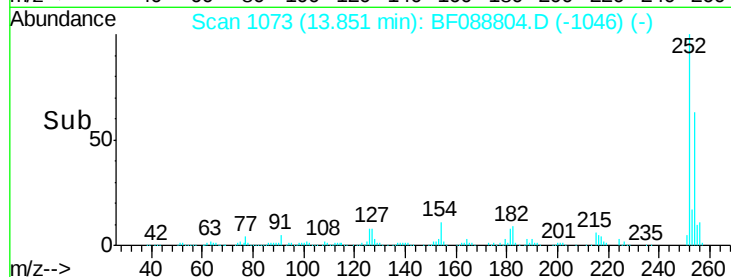
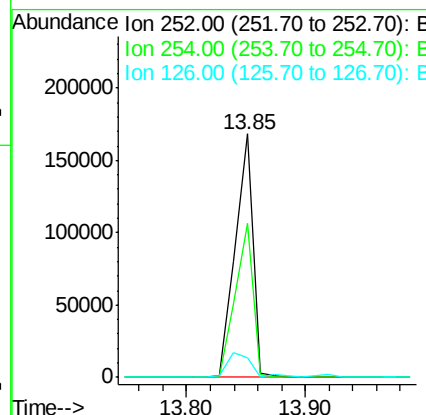
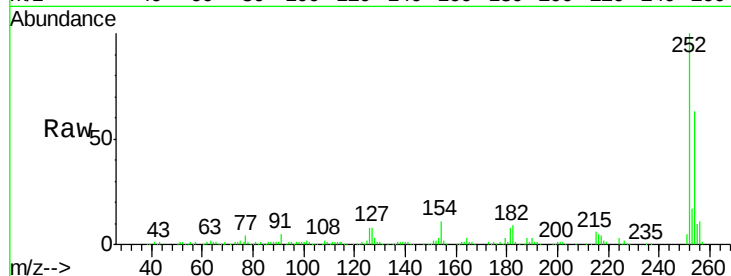
#81
 3,3'-Dichlorobenzidine
 Concen: 45.76 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.6	78.8
126	7.9	6.2	9.2

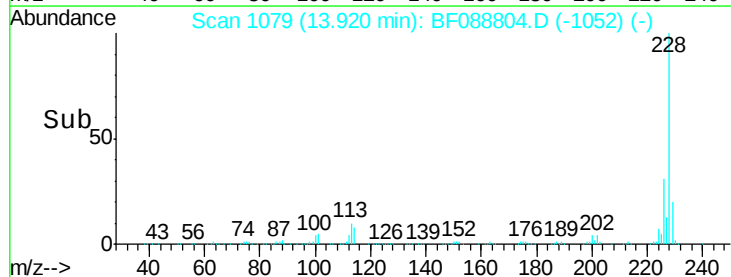
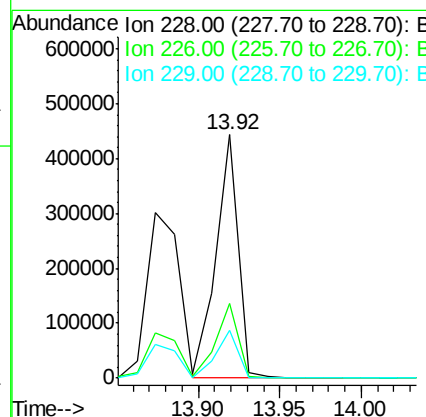
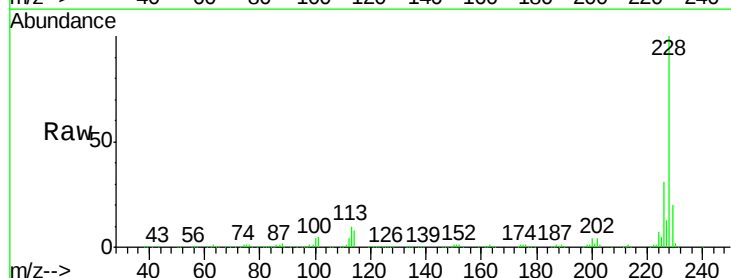
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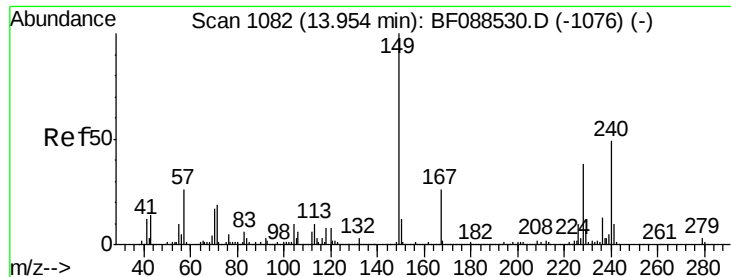
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#82
 Chrysene
 Concen: 41.72 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.2
229	19.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.83 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Instrument :

BNA_F

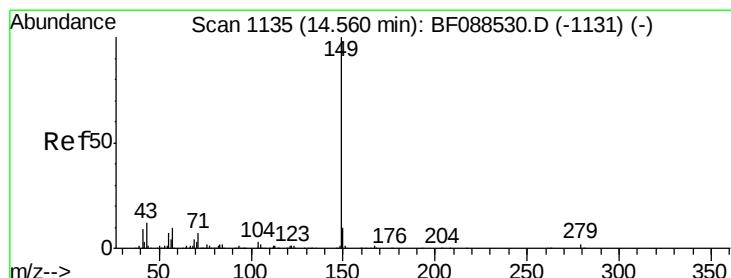
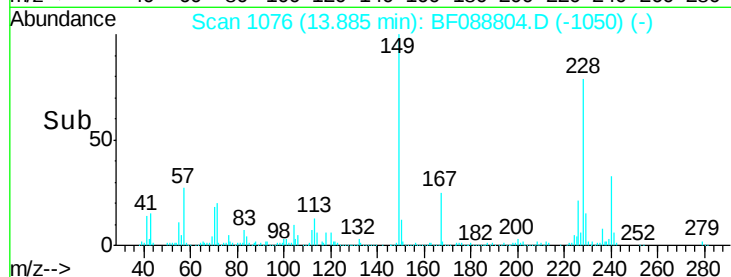
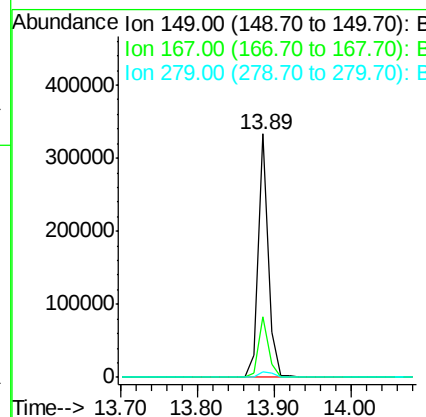
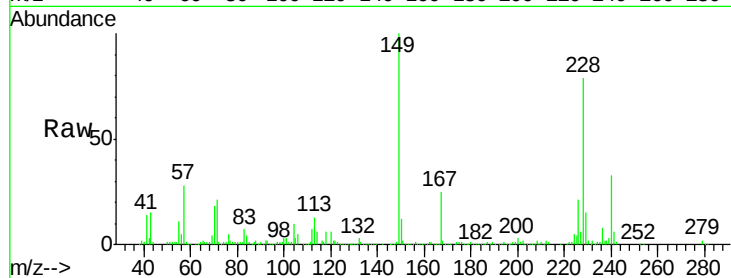
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	298308
Ion Ratio	Lower	Upper	
149	100		
167	24.8	20.5	30.7
279	2.5	2.0	3.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 46.18 ng

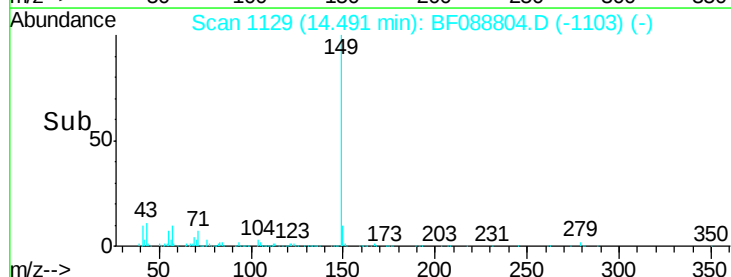
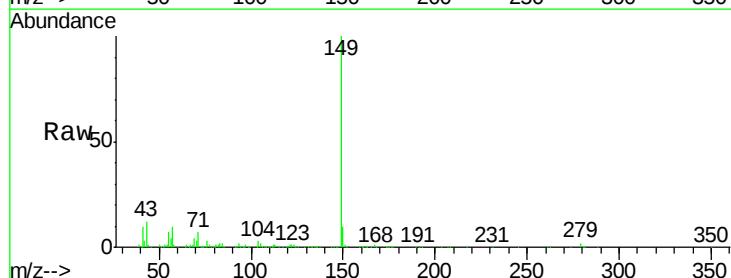
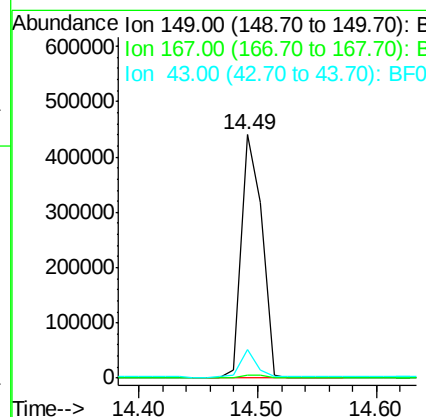
RT: 14.49 min Scan# 1129

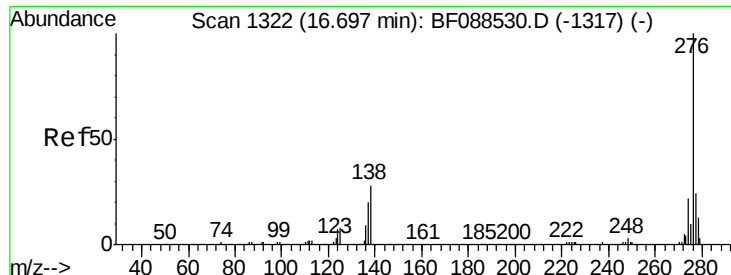
Delta R.T. 0.00 min

Lab File: BF088804.D

Acq: 8 Jul 2016 3:28

Tgt Ion:	149	Resp:	534037
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.0	0.0	0.0#





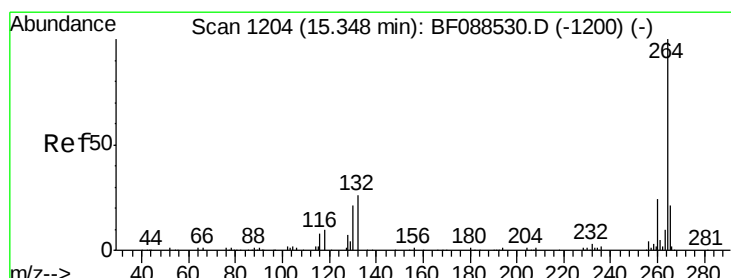
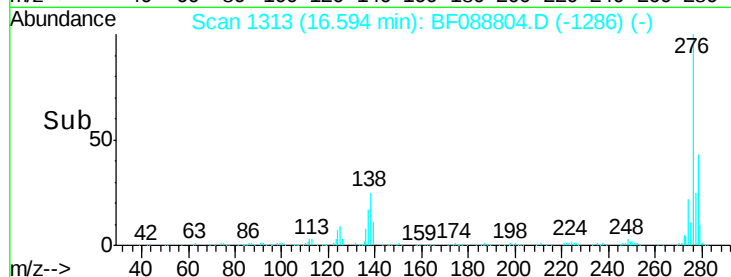
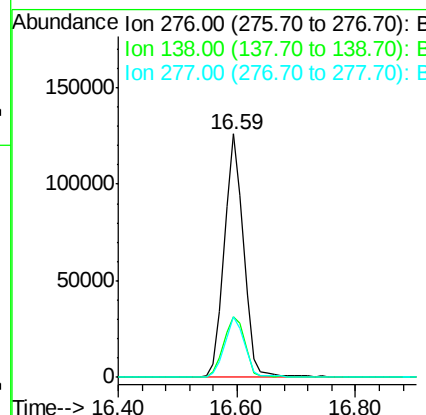
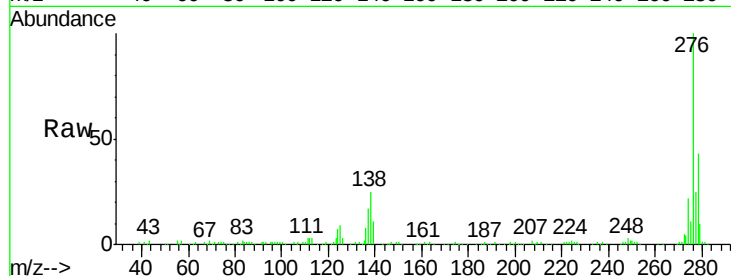
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.88 ng
RT: 16.59 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
276	100	284943		
138	28.0	0.0	0.0	0.0
277	25.6	0.0	0.0	0.0

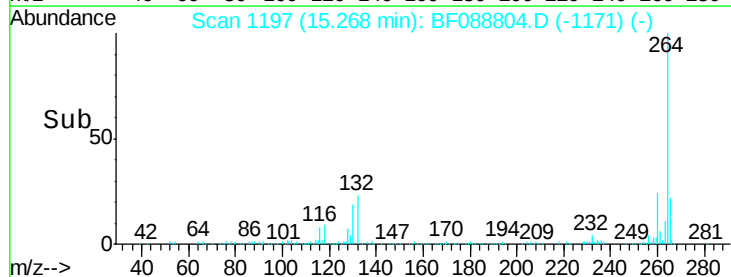
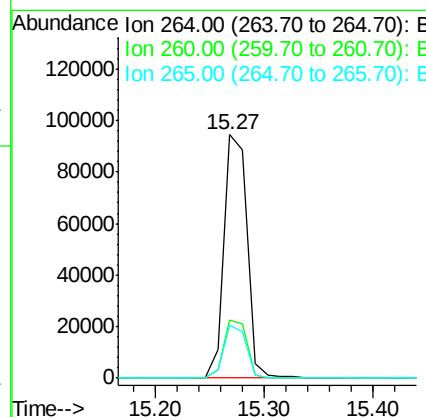
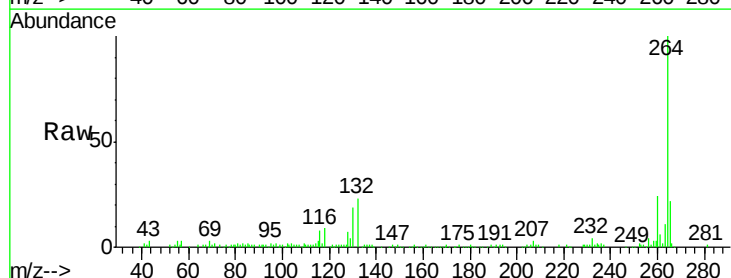
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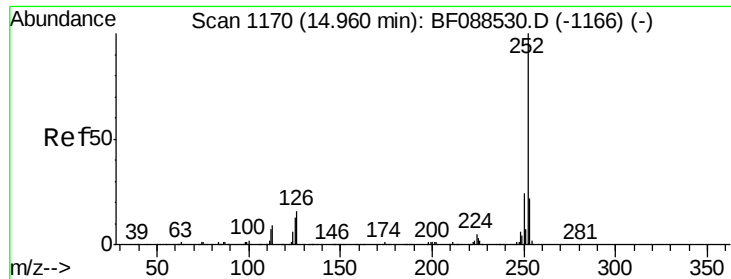
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	139023		
260	24.0	19.2	28.8	
265	21.6	16.9	25.3	





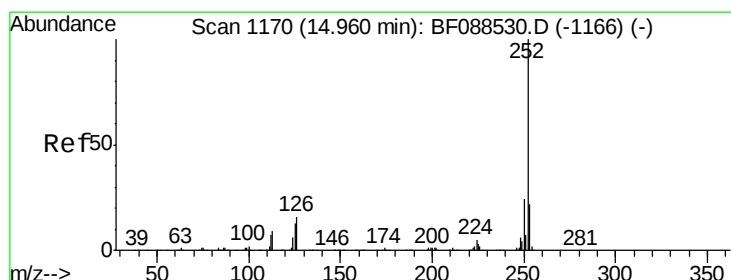
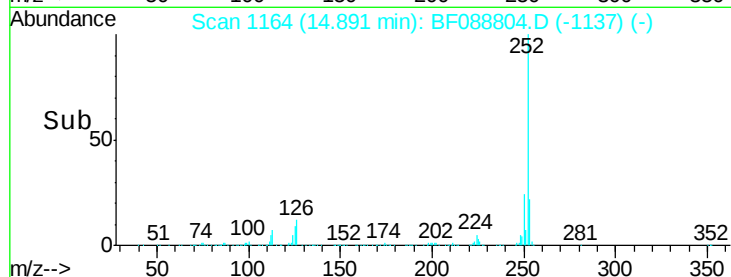
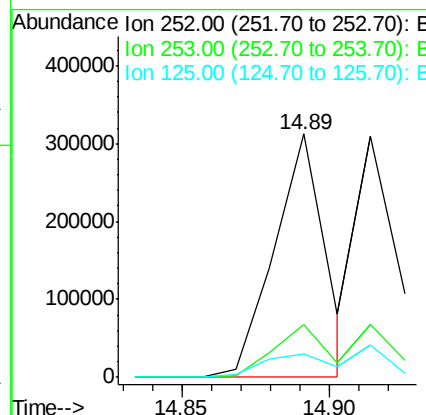
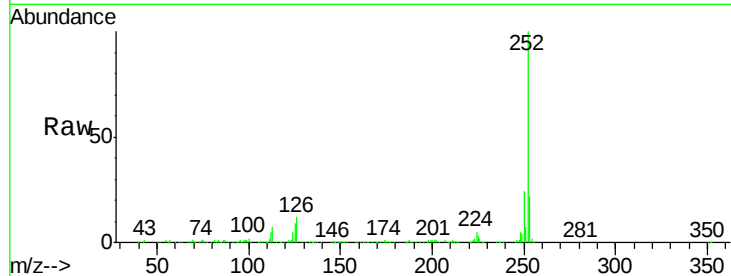
#87
Benzo(b)fluoranthene
Concen: 42.72 ng m
RT: 14.89 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.5	7.1	10.7

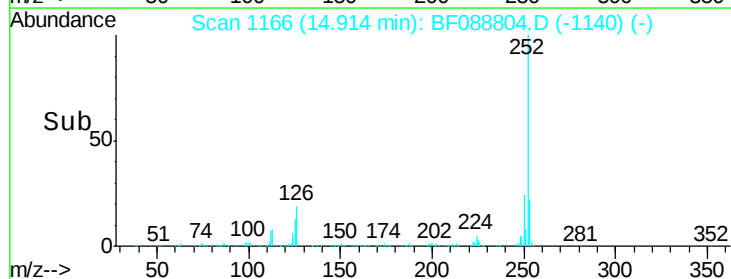
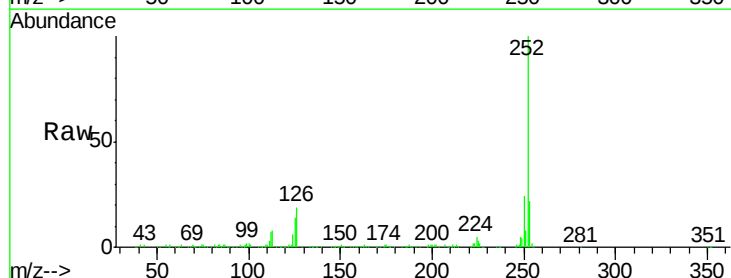
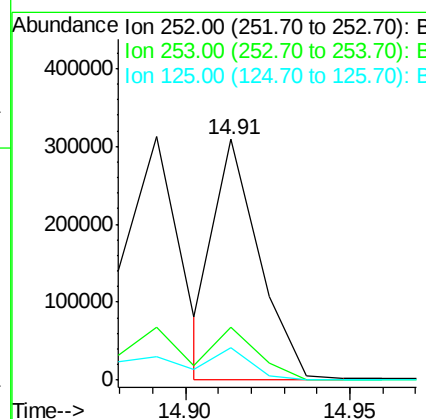
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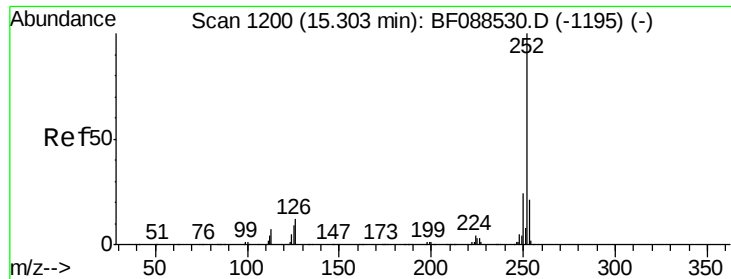
SOHIL
7/8/2016 7:04:23 AM



#88
Benzo(k)fluoranthene
Concen: 38.20 ng m
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	13.5	11.2	16.8





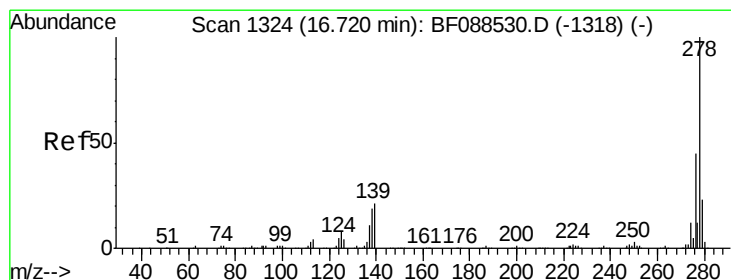
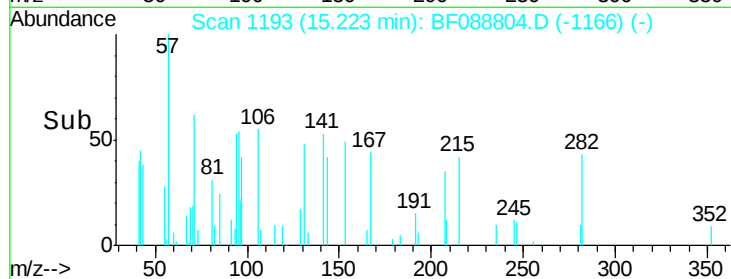
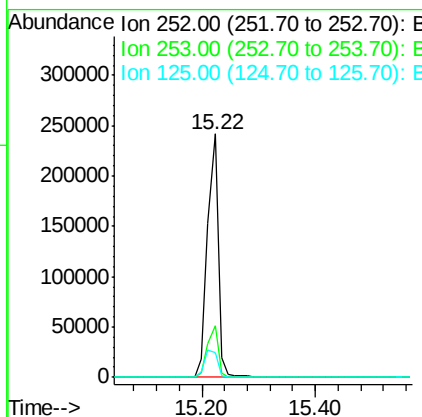
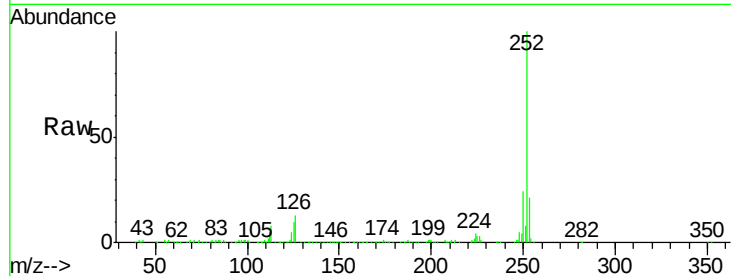
#89
Benzo(a)pyrene
Concen: 41.41 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	10.2	12.5	18.7

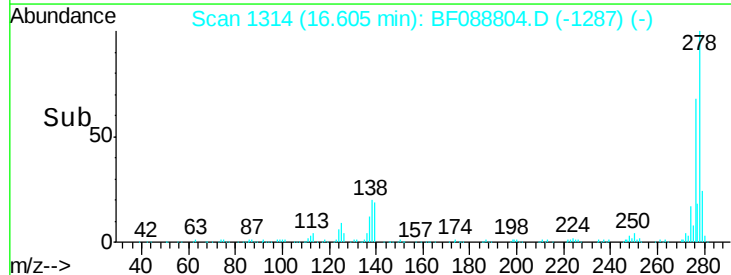
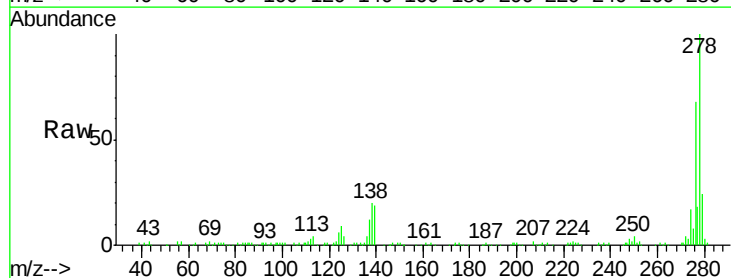
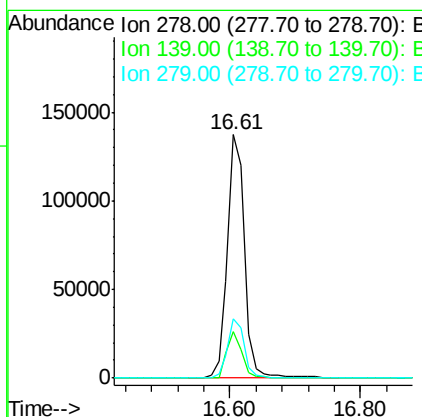
Manual Integrations
APPROVED

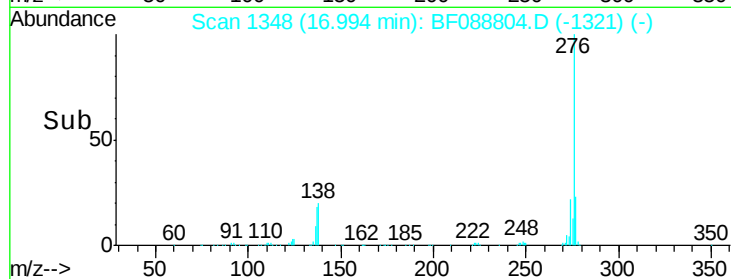
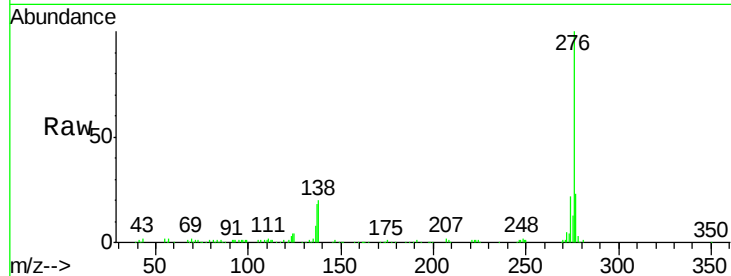
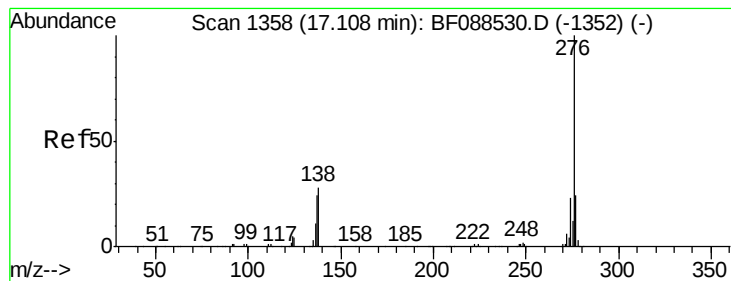
SOHIL
7/8/2016 7:04:23 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.49 ng
RT: 16.61 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF088804.D
Acq: 8 Jul 2016 3:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.7	23.5
279	24.3	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 37.83 ng
 RT: 16.99 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF088804.D
 Acq: 8 Jul 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	20.0	21.4	32.2#

Manual Integrations
 APPROVED

SOHIL
 7/8/2016 7:04:23 AM

