

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088717.D
 Acq On : 5 Jul 2016 22:09
 Operator : UM/SJ
 Sample : H3837-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

Manual Integrations
 APPROVED

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 7/6/2016 7:19:30 PM

Quant Time: Jul 06 02:11:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	99606	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	398468	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	189133	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	376497	20.00	ng	0.00
75) Chrysene-d12	13.91	240	248833	20.00	ng	-0.01
86) Perylene-d12	15.29	264	192387	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	735049	110.60	ng	0.01
7) Phenol-d6	6.41	99	939702	109.42	ng	0.00
23) Nitrobenzene-d5	7.34	82	602948	79.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	211618	120.49	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1118705	93.43	ng	0.00
78) Terphenyl-d14	12.87	244	833405	74.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	77852	23.63	ng	# 33
3) Pyridine	3.07	79	48424	5.06	ng	91
4) n-Nitrosodimethylamine	3.00	42	61910	16.95	ng	88
6) Aniline	6.43	93	117636	9.40	ng	# 73
8) 2-Chlorophenol	6.56	128	163496	22.89	ng	95
9) Benzaldehyde	6.32	77	106538	18.31	ng	98
10) Phenol	6.42	94	135302	13.80	ng	# 47
11) bis(2-Chloroethyl)ether	6.51	93	150509	20.59	ng	90
12) 1,3-Dichlorobenzene	6.72	146	151044m	19.22	ng	
13) 1,4-Dichlorobenzene	6.79	146	151337	19.40	ng	94
14) 1,2-Dichlorobenzene	6.95	146	158799m	21.75	ng	
15) Benzyl Alcohol	6.91	79	137807	21.80	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.06	45	186304	17.60	ng	90
17) 2-Methylphenol	7.04	107	133752	22.95	ng	97
18) Hexachloroethane	7.29	117	62707	20.78	ng	92
19) n-Nitroso-di-n-propylamine	7.19	70	112915	19.57	ng	94
20) 3+4-Methylphenols	7.19	107	160989	23.02	ng	# 79
22) Acetophenone	7.19	105	226956	23.47	ng	# 90
24) Nitrobenzene	7.36	77	188756	24.62	ng	89
25) Isophorone	7.60	82	327902	23.28	ng	98
26) 2-Nitrophenol	7.68	139	82107	26.12	ng	# 82
27) 2,4-Dimethylphenol	7.71	122	125996	19.24	ng	87
28) bis(2-Chloroethoxy)methane	7.82	93	217321	23.71	ng	# 96
29) 2,4-Dichlorophenol	7.92	162	131304	24.81	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	126404	21.77	ng	98
31) Naphthalene	8.08	128	436485	22.22	ng	99
33) 4-Chloroaniline	8.12	127	108939	12.46	ng	# 93
34) Hexachlorobutadiene	8.20	225	72165	23.21	ng	99
35) Caprolactam	8.48	113	36554m	20.34	ng	
36) 4-Chloro-3-methylphenol	8.62	107	154225	24.65	ng	97
37) 2-Methylnaphthalene	8.78	142	297372	23.51	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	119715	19.03	ng	# 1
40) Hexachlorocyclopentadiene	8.92	237	158580	51.36	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	102658	24.75	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	85144	23.86	nq	# 86
45) 1,1'-Biphenyl	9.23	154	361195	23.06	nq	100
46) 2-Chloronaphthalene	9.26	162	278976	22.69	nq	98
47) 2-Nitroaniline	9.35	65	85281	19.54	nq	94
48) Acenaphthylene	9.67	152	439970	22.49	nq	99
49) Dimethylphthalate	9.54	163	624034	46.31	nq	99
50) 2,6-Dinitrotoluene	9.60	165	81540	27.30	nq	92
51) Acenaphthene	9.84	154	268688	22.41	nq	97
52) 3-Nitroaniline	9.76	138	69119	18.21	nq	95
53) 2,4-Dinitrophenol	9.86	184	20243	15.35	nq	# 87
54) Dibenzofuran	10.01	168	387614	24.70	nq	# 87
55) 4-Nitrophenol	9.93	139	186833	64.76	nq	# 79
56) 2,4-Dinitrotoluene	10.00	165	105084	26.91	nq	95
57) Fluorene	10.35	166	311503	25.75	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	64109	23.22	nq	# 52
59) Diethylphthalate	10.24	149	373809	27.64	nq	100
60) 4-Chlorophenyl-phenylether	10.35	204	145950	25.97	nq	91
61) 4-Nitroaniline	10.36	138	65431	17.91	nq	84
62) Azobenzene	10.51	77	392538	25.45	nq	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	23700	11.77	nq	86
65) n-Nitrosodiphenylamine	10.47	169	274542	21.55	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	80505	21.22	nq	# 73
67) Hexachlorobenzene	10.90	284	97230	23.15	nq	# 85
68) Atrazine	10.99	200	78871	19.86	nq	91
69) Pentachlorophenol	11.10	266	94570	38.05	nq	98
70) Phenanthrene	11.31	178	476527	23.15	nq	98
71) Anthracene	11.36	178	444183	21.71	nq	98
72) Carbazole	11.52	167	414633	21.53	nq	97
73) Di-n-butylphthalate	11.85	149	506304	22.60	nq	99
74) Fluoranthene	12.49	202	468086	22.43	nq	98
76) Benzidine	12.62	184	72983	5.80	nq	98
77) Pyrene	12.72	202	481305	22.81	nq	98
79) Butylbenzylphthalate	13.35	149	214219	22.76	nq	99
80) Benzo(a)anthracene	13.90	228	358710	22.39	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	81103	13.46	nq	# 96
82) Chrysene	13.93	228	317292	20.02	nq	97
83) Bis(2-ethylhexyl)phthalate	13.91	149	295768	27.53	nq	100
84) Di-n-octyl phthalate	14.51	149	412778	22.61	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.62	276	269612	22.11	nq	# 100
87) Benzo(b)fluoranthene	14.90	252	256565m	21.26	nq	
88) Benzo(k)fluoranthene	14.94	252	276562m	26.32	nq	
89) Benzo(a)pyrene	15.23	252	238215	23.31	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	224742	26.34	nq	97
91) Benzo(g,h,i)perylene	17.02	276	231131	26.18	nq	100

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

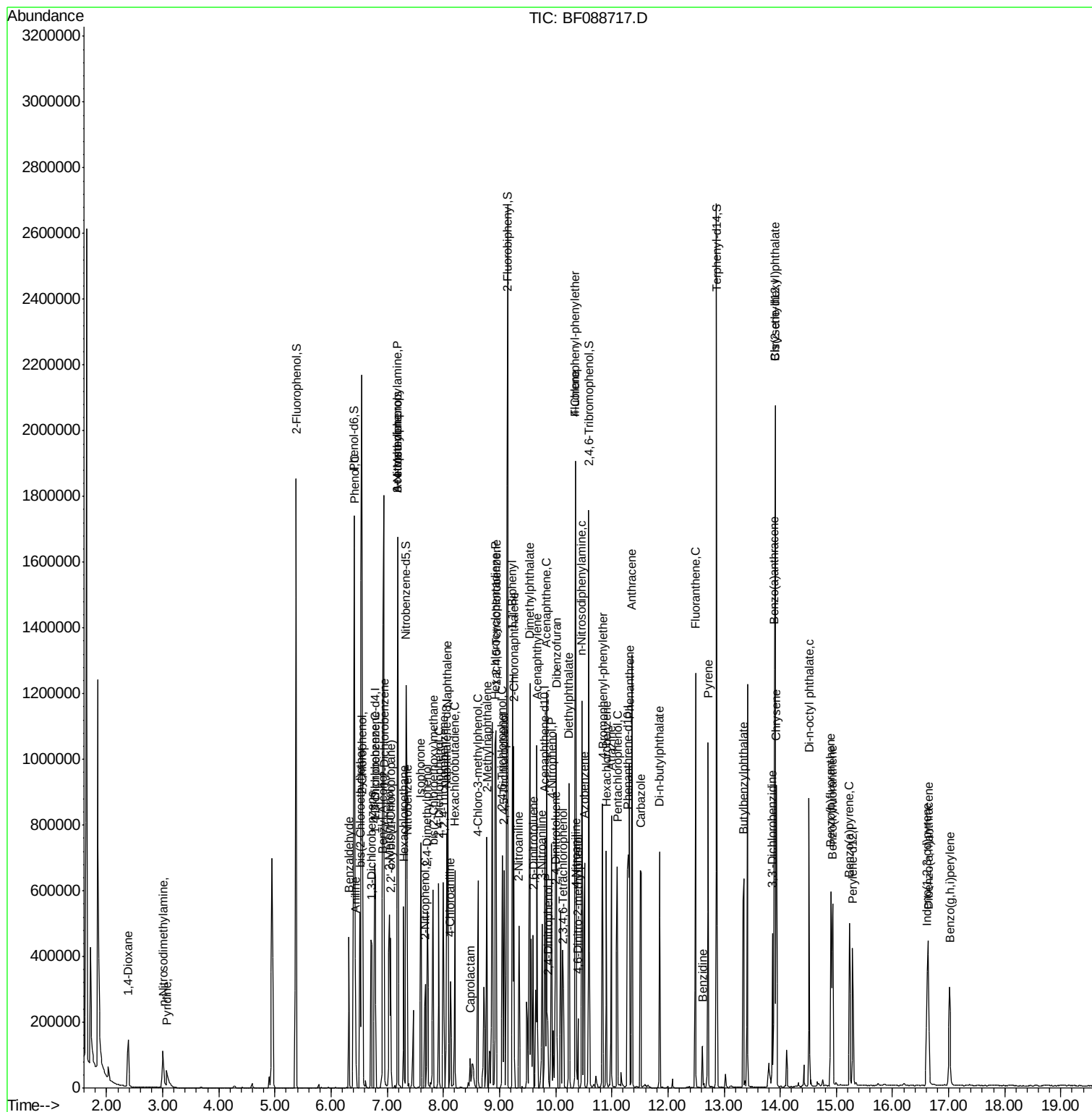
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
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Sample : H3837-08MSD
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ALS Vial : 12 Sample Multiplier: 1

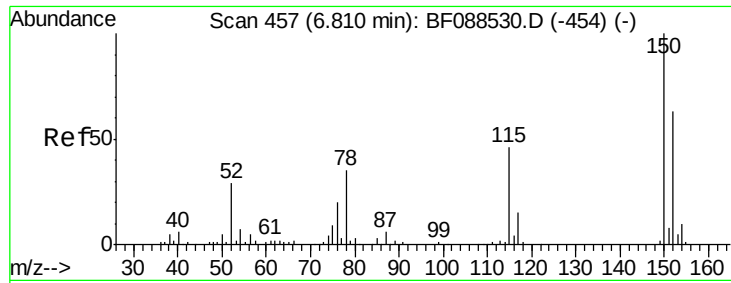
Instrument :
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#1

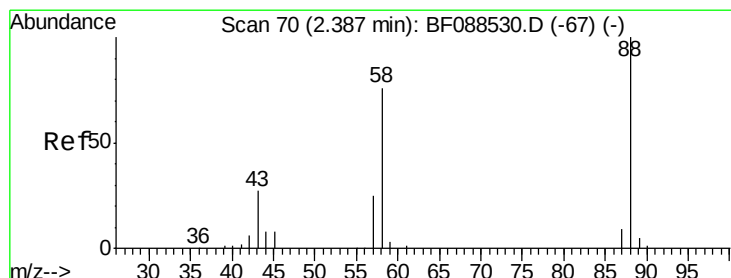
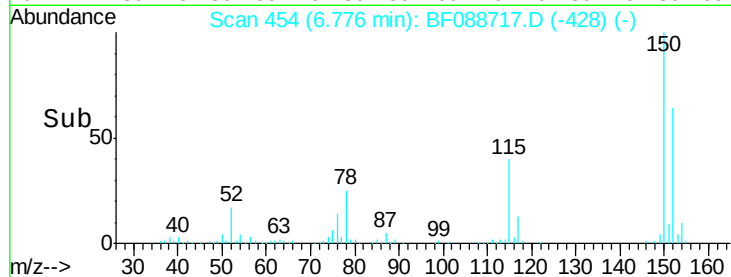
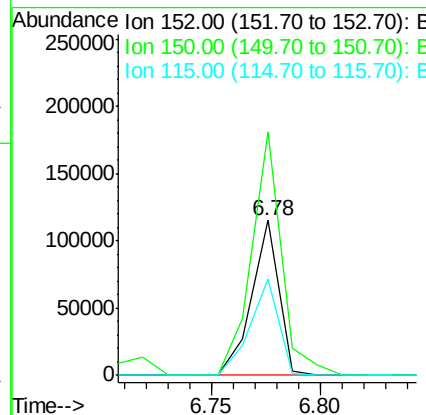
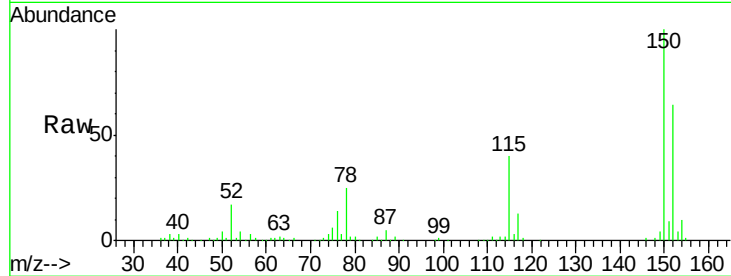
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.8	185.6
115	62.6	39.6	59.4

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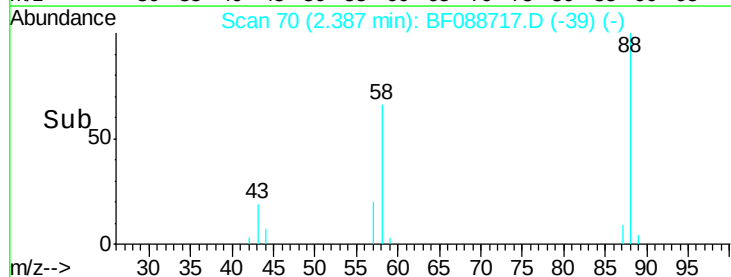
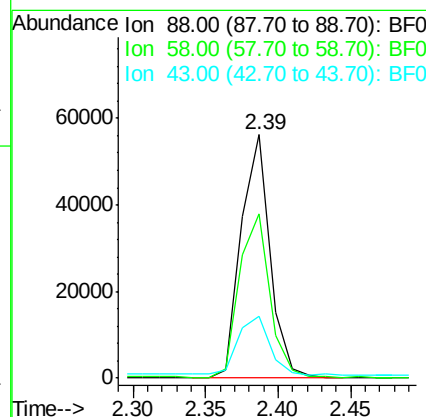
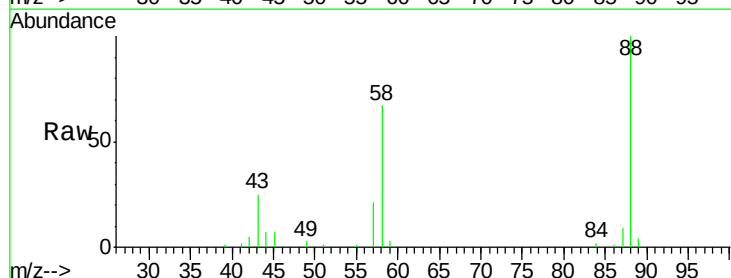
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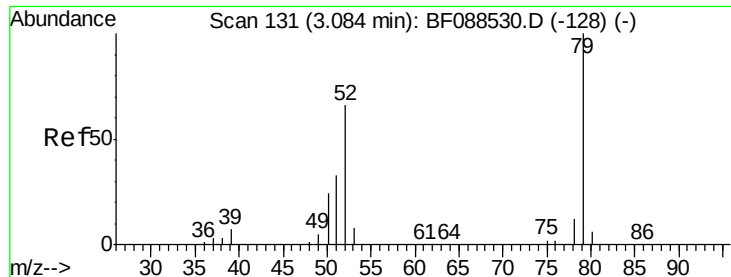


#2

1,4-Dioxane
Concen: 23.63 ng
RT: 2.39 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	0.0	0.0
43	26.5	3.4	5.2





#3

Pvridine

Concen: 5.06 ng

RT: 3.07 min Scan# 130

Delta R.T. 0.07 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

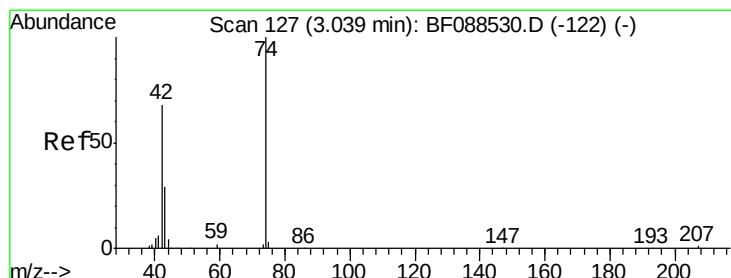
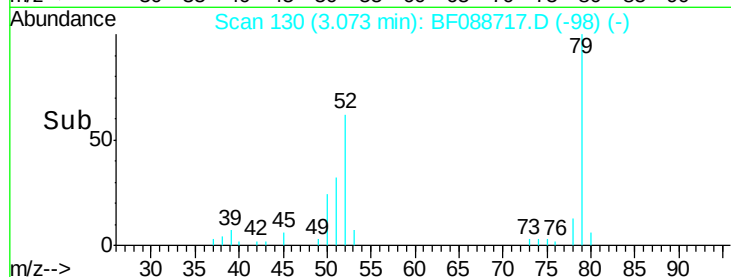
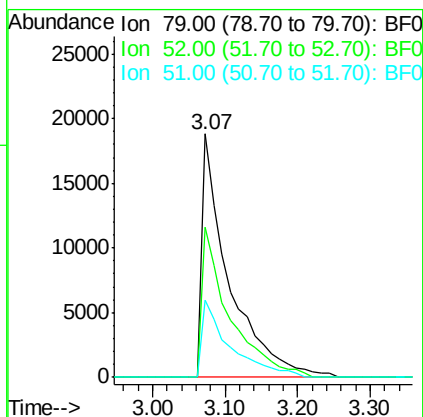
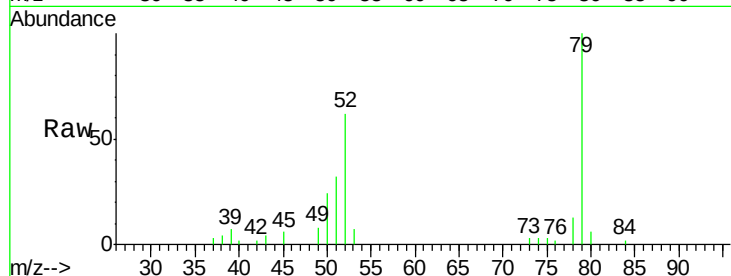
ClientSampleId :

C1.2-6MSD

Tot Ion:	79	Resp:	48424
Ion	Ratio	Lower	Upper
79	100		
52	61.8	56.3	84.5
51	31.6	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 16.95 ng

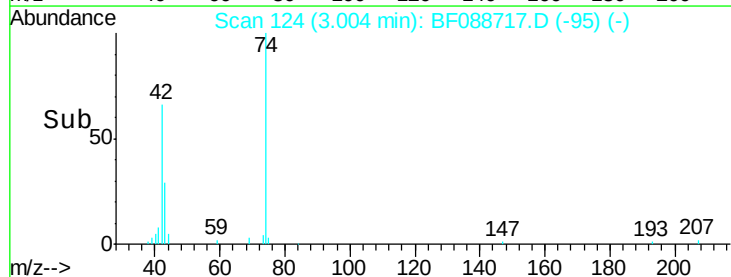
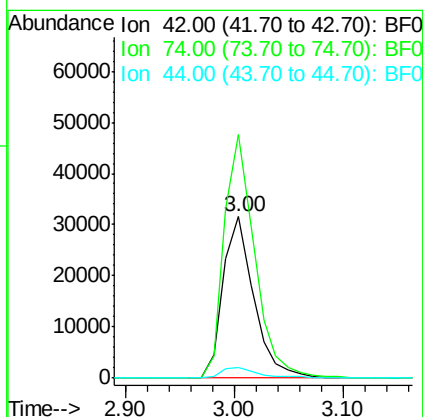
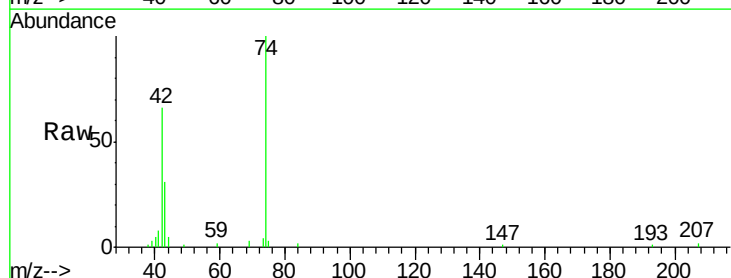
RT: 3.00 min Scan# 124

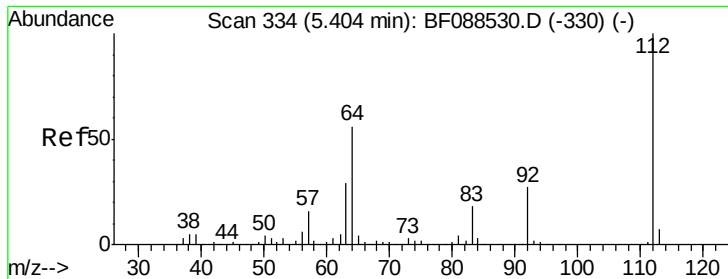
Delta R.T. 0.03 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:	42	Resp:	61910
Ion	Ratio	Lower	Upper
42	100		
74	150.8	108.6	163.0
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 110.60 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

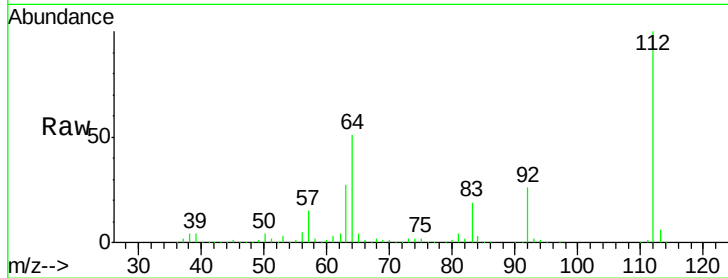
ClientSampled :

C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	51.2	42.2	63.2
63	26.6	21.8	32.8

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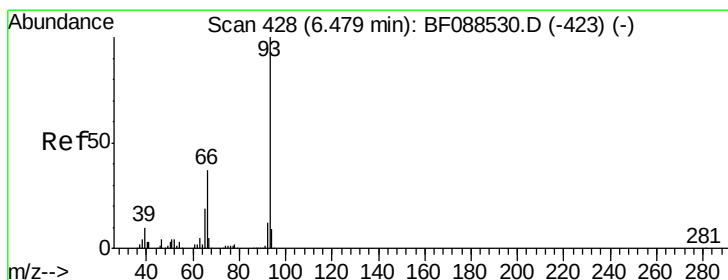
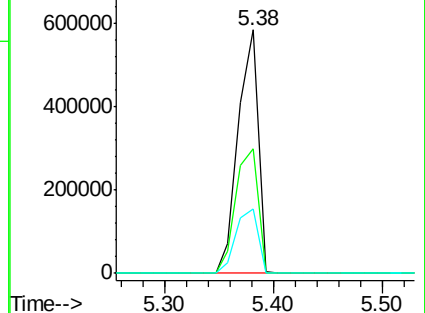
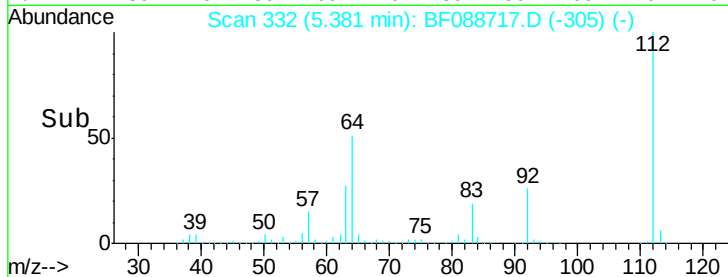
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.40 ng

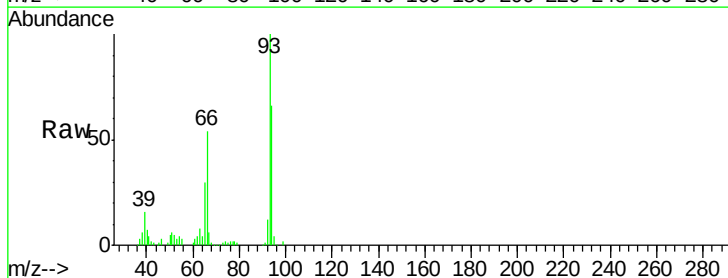
RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

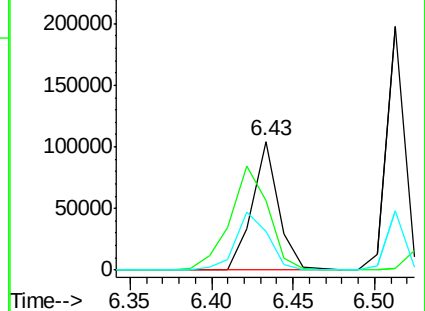
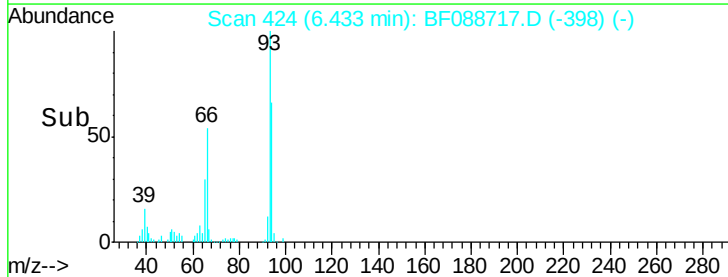
Tgt Ion	Ratio	Lower	Upper
93	100		
66	53.7	29.8	44.8#
65	30.5	14.9	22.3#

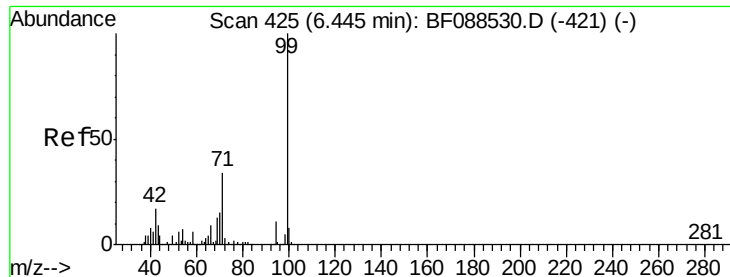


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.42 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

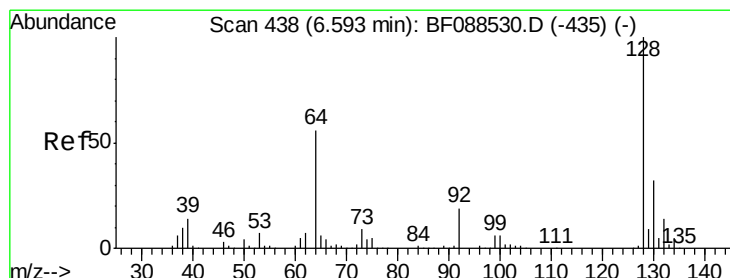
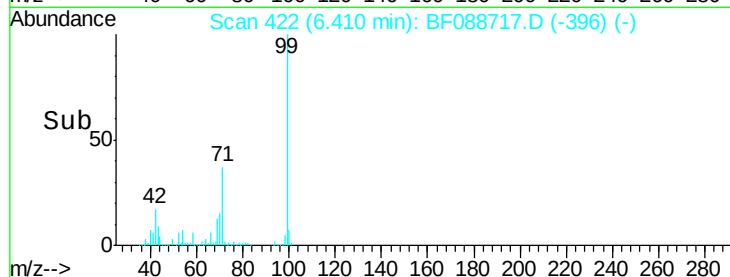
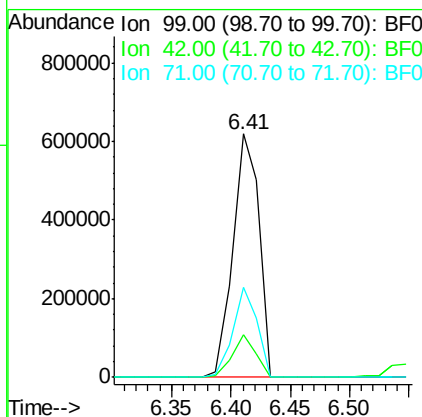
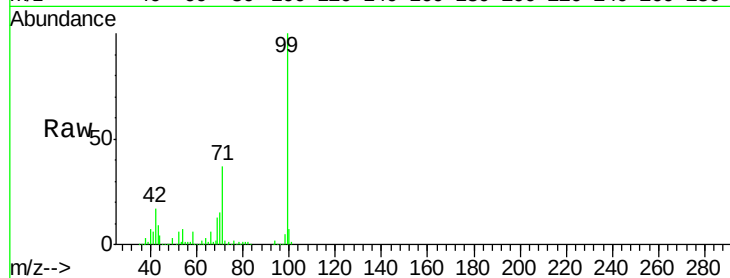
ClientSampleId :

C1.2-6MSD

Tot Ion:	99	Resp:	939702
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	37.0	23.4	35.0#

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#8

2-Chlorophenol

Concen: 22.89 ng

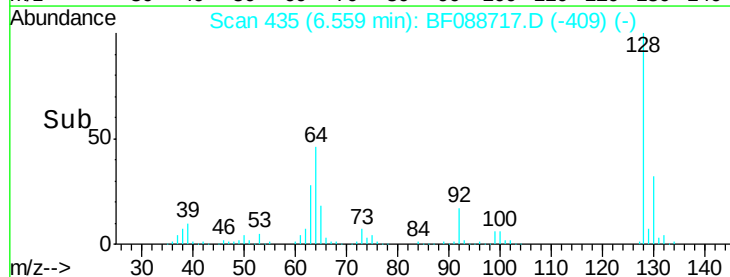
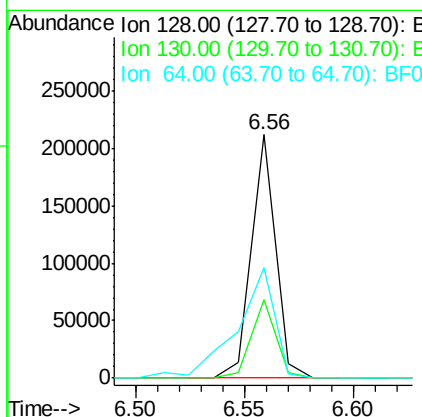
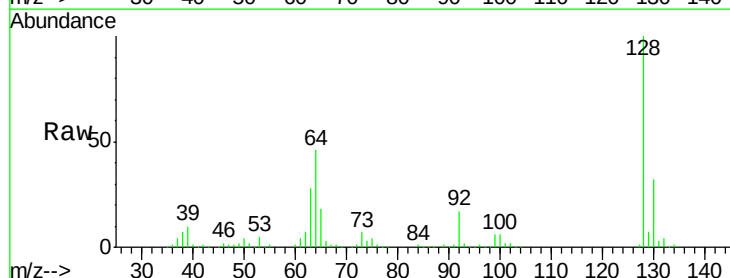
RT: 6.56 min Scan# 435

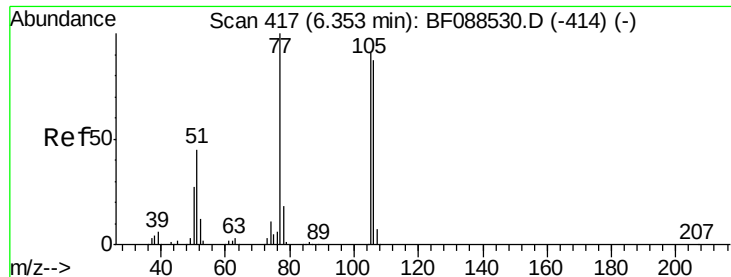
Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:	128	Resp:	163496
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	45.5	30.8	70.8





#9

Benzaldehyde

Concen: 18.31 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

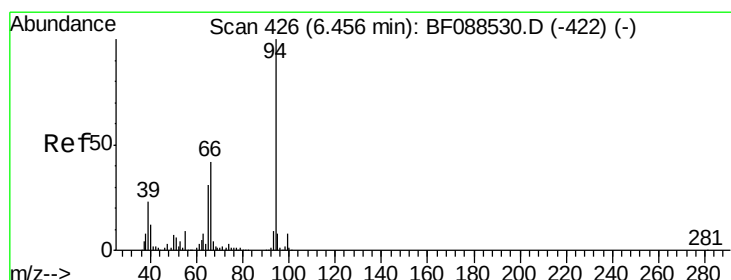
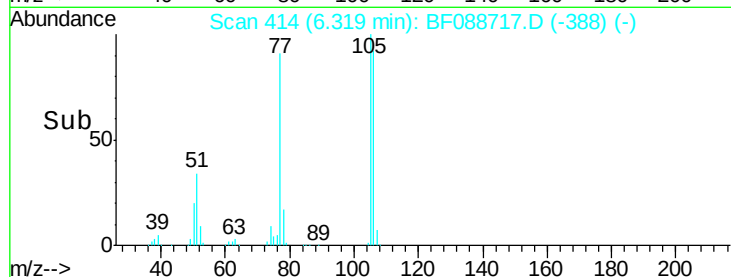
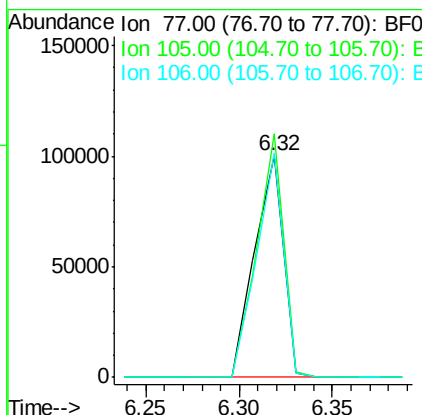
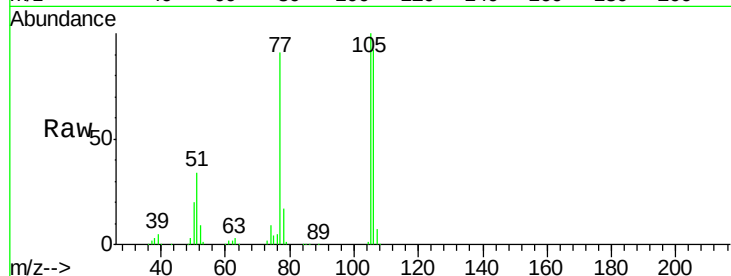
ClientSampleId :

C1.2-6MSD

Tot Ion:	77	Resp:	106538
Ion	Ratio	Lower	Upper
77	100		
105	110.0	90.6	130.6
106	101.3	85.3	125.3

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#10

Phenol

Concen: 13.80 ng

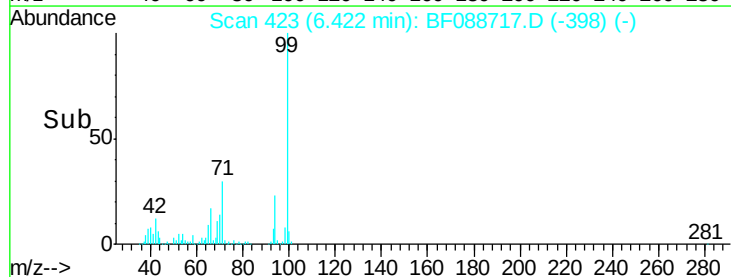
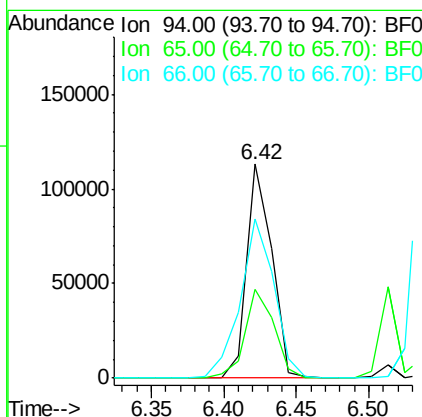
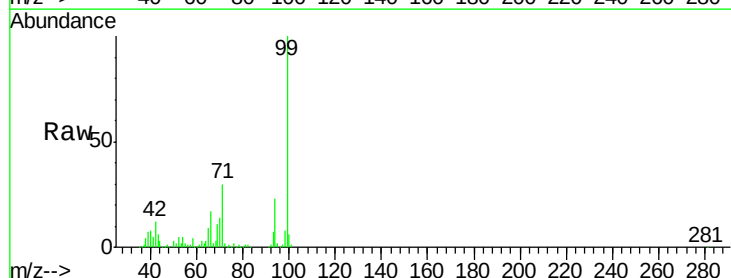
RT: 6.42 min Scan# 423

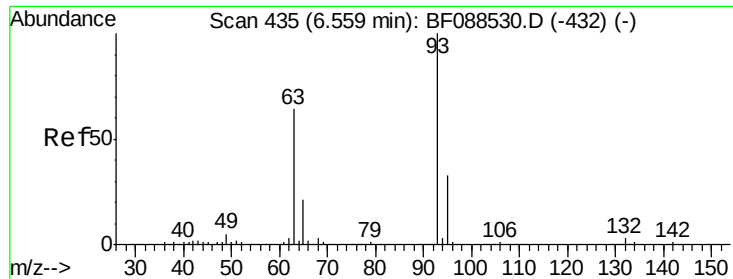
Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:	94	Resp:	135302
Ion	Ratio	Lower	Upper
94	100		
65	41.5	5.9	45.9
66	74.3	14.0	54.0#





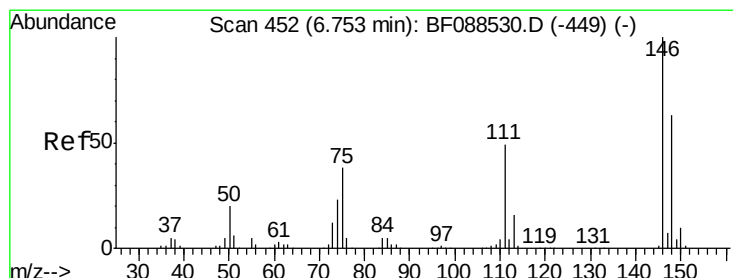
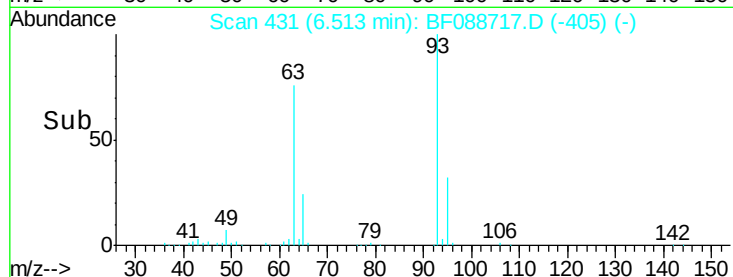
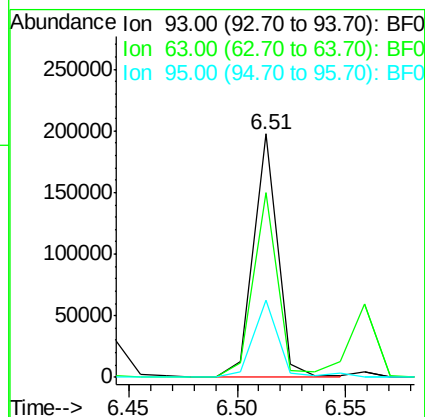
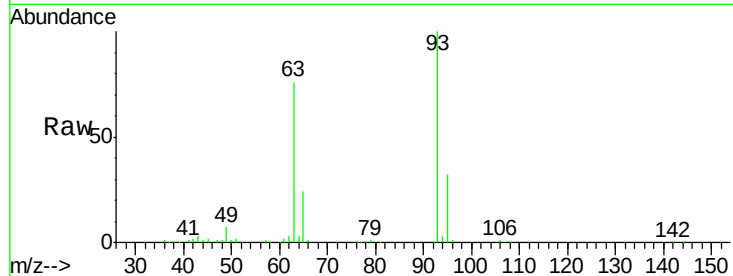
#11
bis(2-Chloroethyl)ether
Concen: 20.59 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	67.6	107.6
95	31.9	12.5	52.5

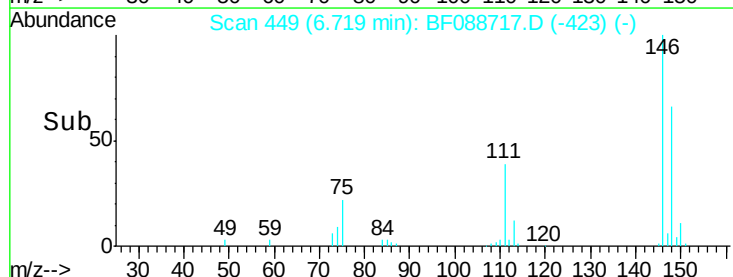
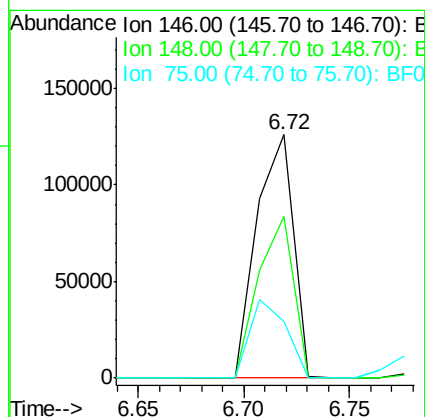
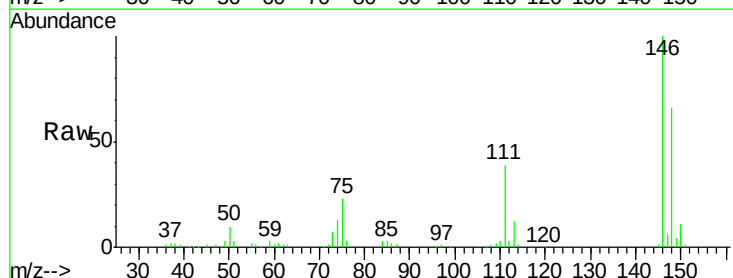
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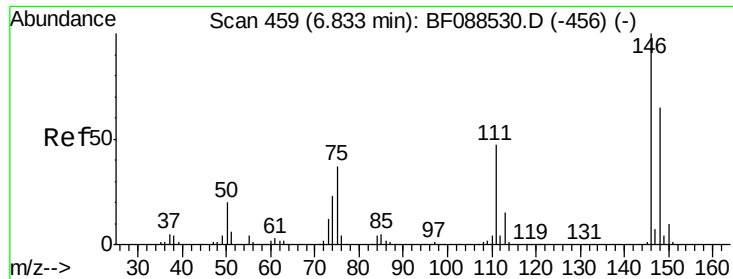
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#12
1,3-Dichlorobenzene
Concen: 19.22 ng m
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	50.9	76.3
75	23.1	25.6	38.4





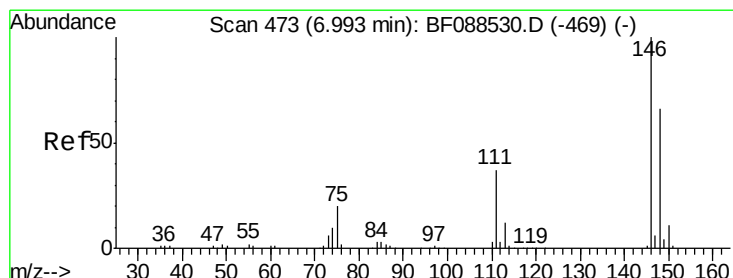
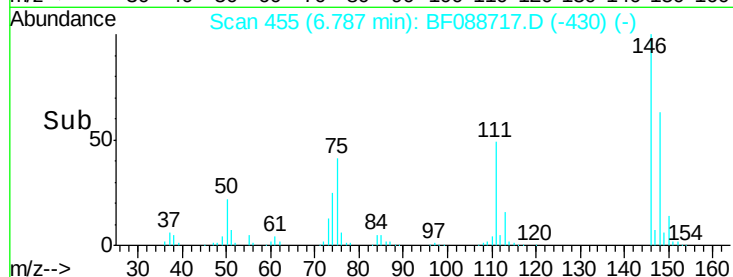
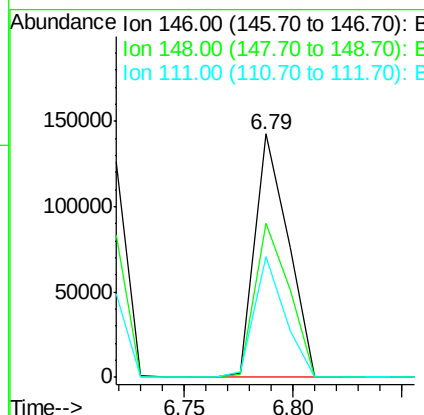
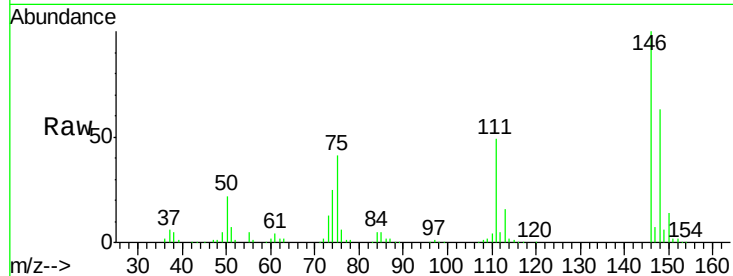
#13
 1,4-Dichlorobenzene
 Concen: 19.40 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.0	78.0
111	49.5	33.8	50.8

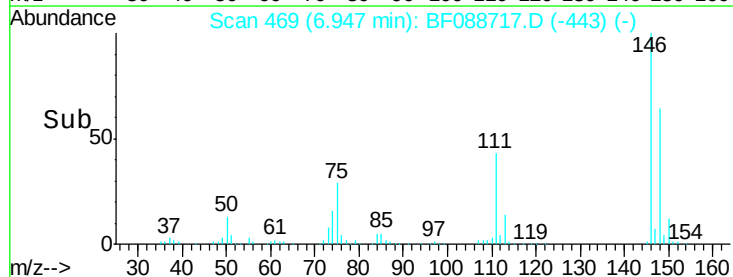
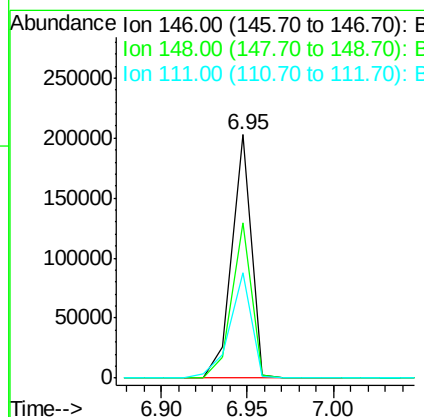
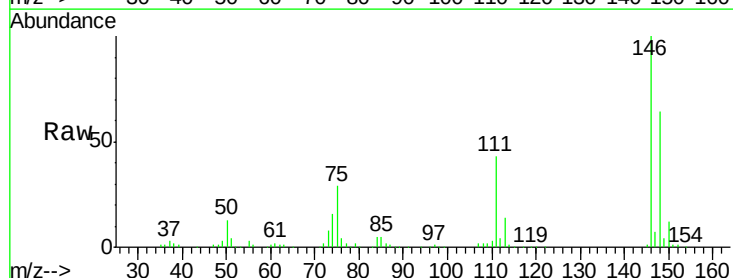
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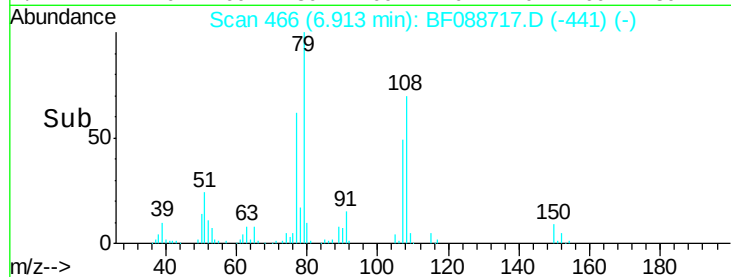
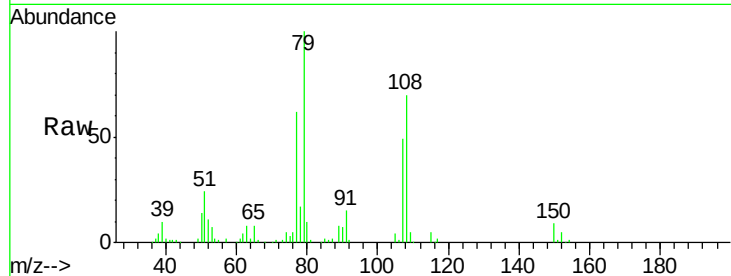
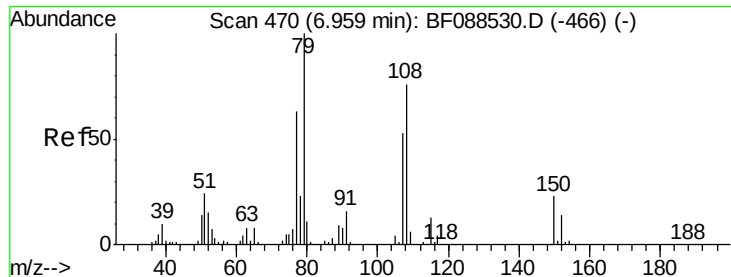
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#14
 1,2-Dichlorobenzene
 Concen: 21.75 ng m
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.3	78.5
111	43.4	28.7	43.1#





#15

Benzyl Alcohol

Concen: 21.80 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tot Ion:	79	Resp:	137807
Ion Ratio	Lower	Upper	
79	100		
108	69.6	65.0	97.6
77	62.3	50.3	75.5

Instrument :

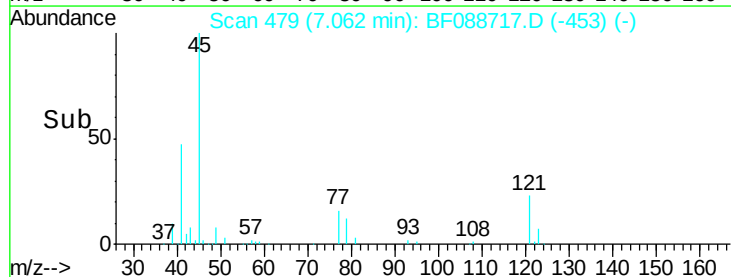
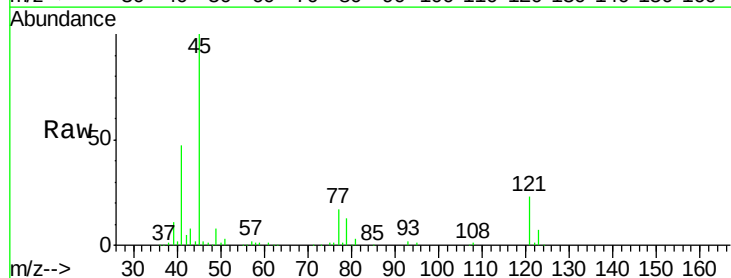
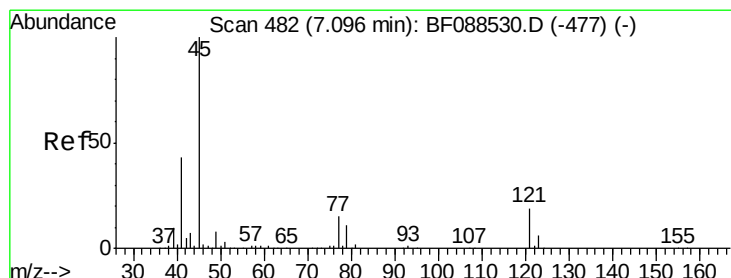
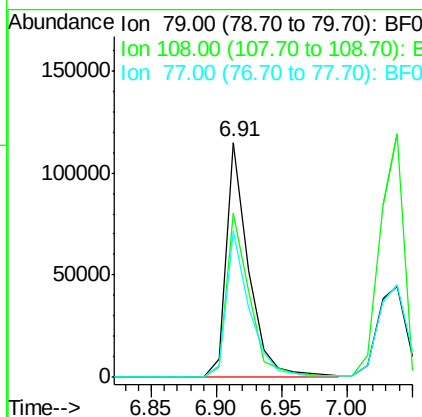
BNA_F

ClientSampleId :

C1.2-6MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.60 ng

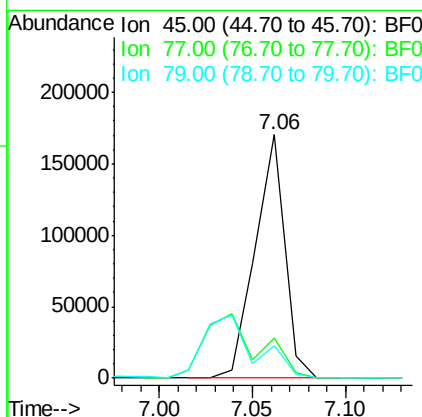
RT: 7.06 min Scan# 479

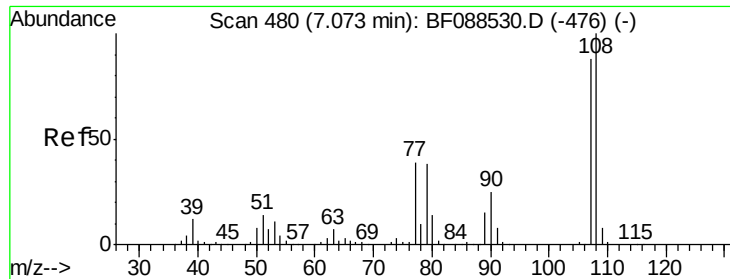
Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:	45	Resp:	186304
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	32.5
79	13.1	0.0	29.5





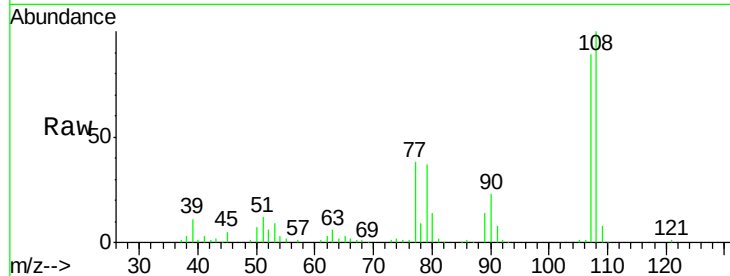
#17
2-Methylphenol
Concen: 22.95 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

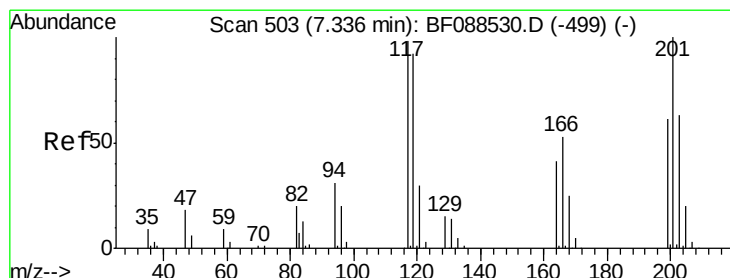
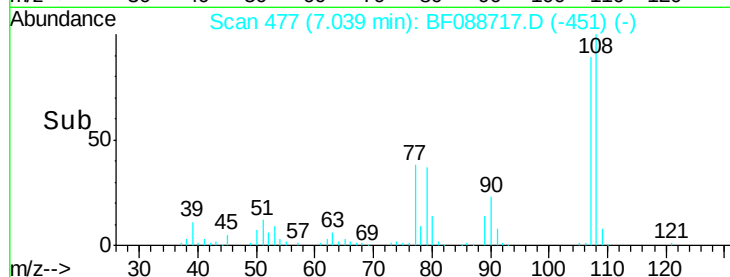
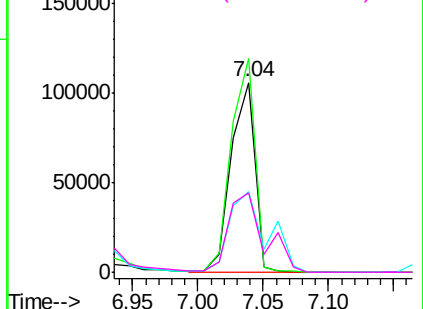
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		133752		
108	112.4	90.9	136.3		
77	42.5	36.6	55.0		
79	42.0	36.5	54.7		

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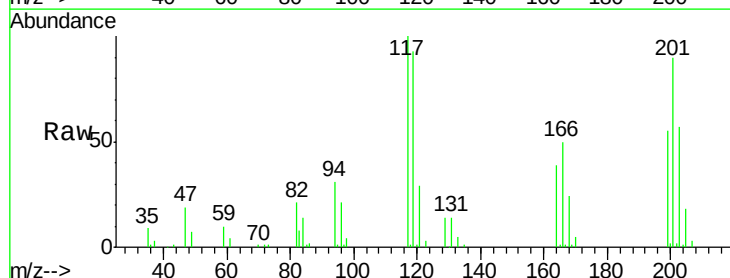


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

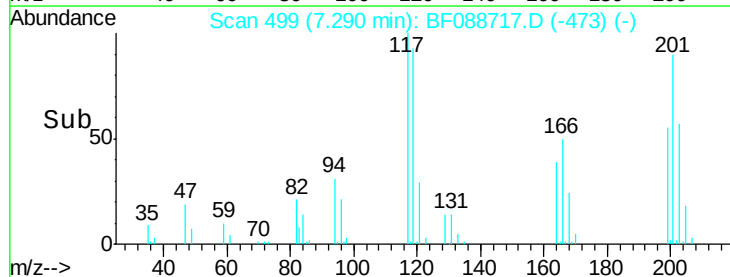
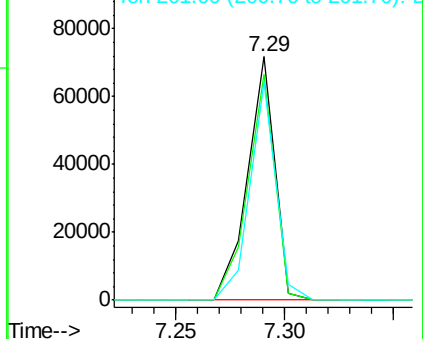


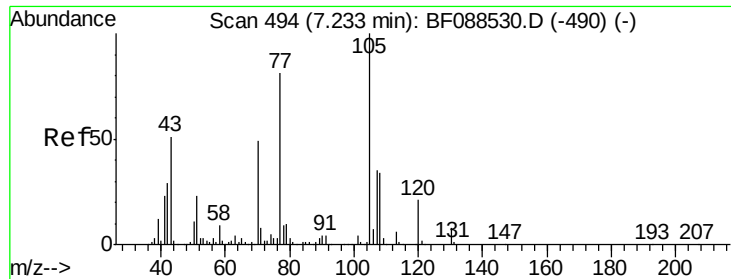
#18
Hexachloroethane
Concen: 20.78 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		62707		
119	92.8	77.4	116.2		
201	89.5	80.4	120.6		



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





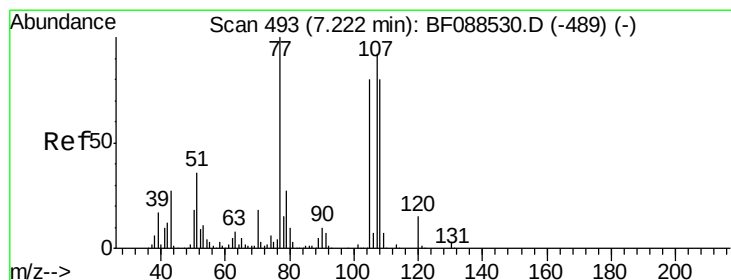
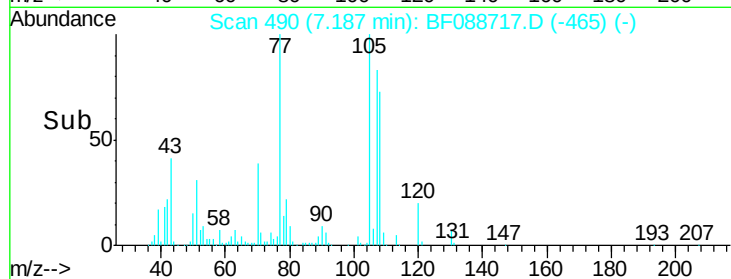
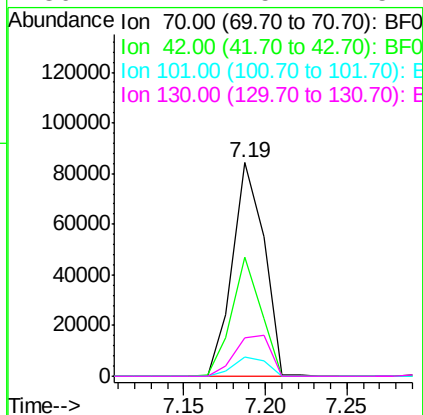
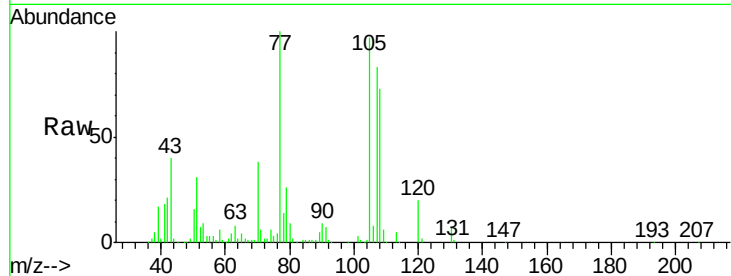
#19
n-Nitroso-di-n-propylamine
Concen: 19.57 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.0	49.6	74.4	
101	9.0	7.1	10.7	
130	17.7	15.4	23.2	

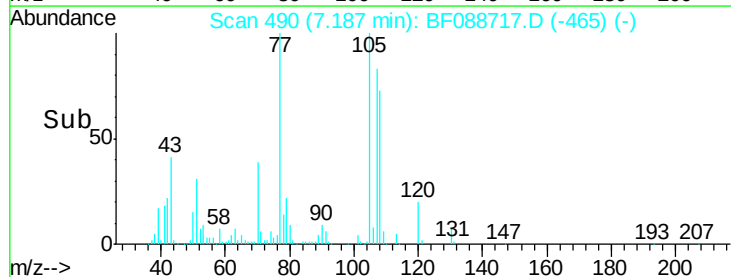
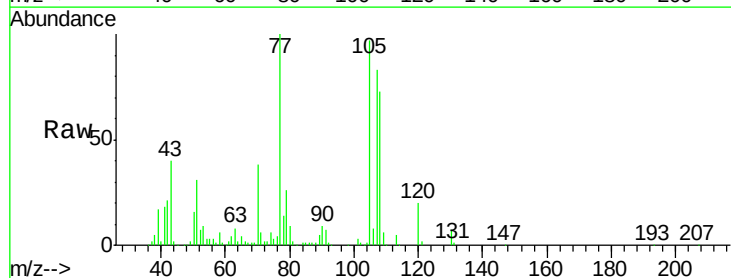
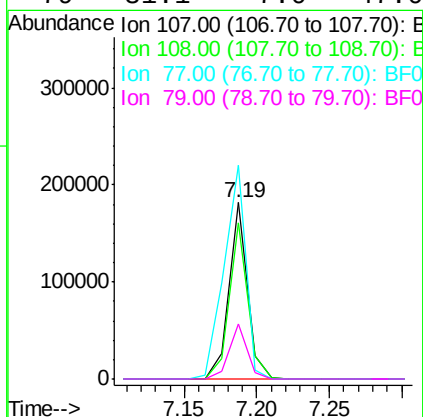
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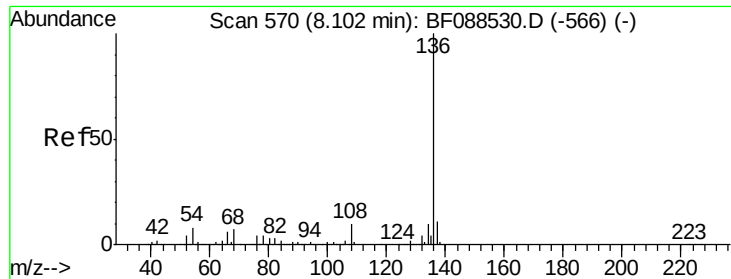
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#20
3+4-Methylphenols
Concen: 23.02 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	67.8	107.8	
77	121.1	59.3	99.3	
79	31.1	7.0	47.0	





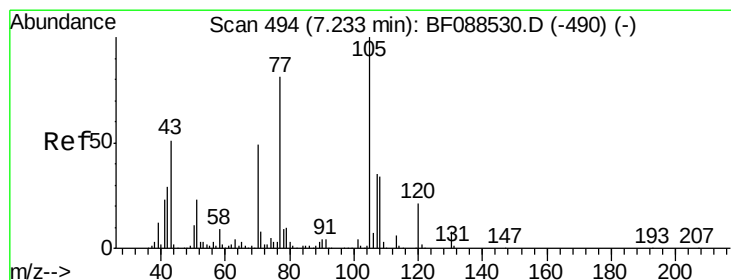
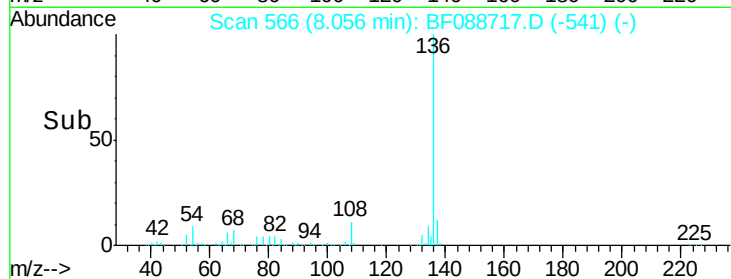
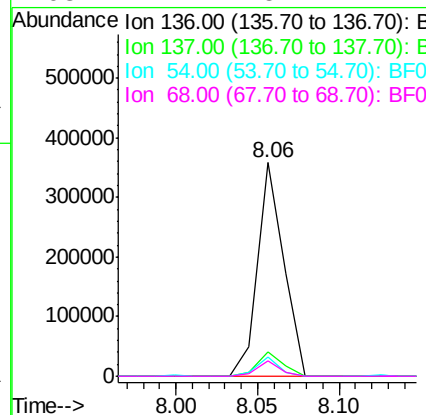
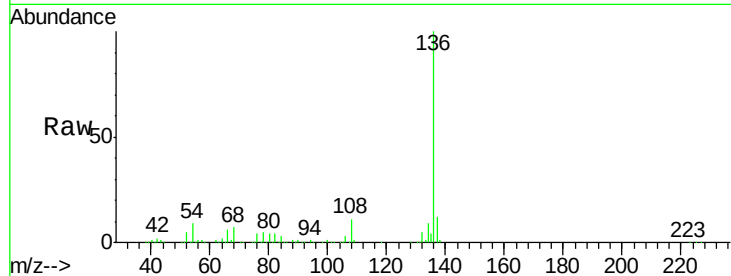
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		398468		
137	11.5		9.1	13.7	
54	9.0		6.6	10.0	
68	7.4		5.1	7.7	

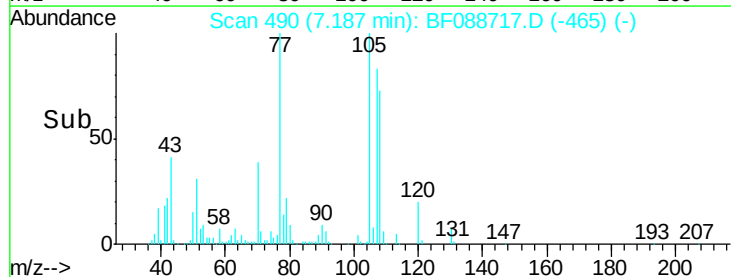
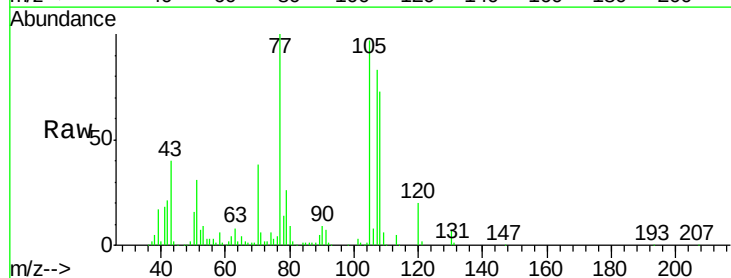
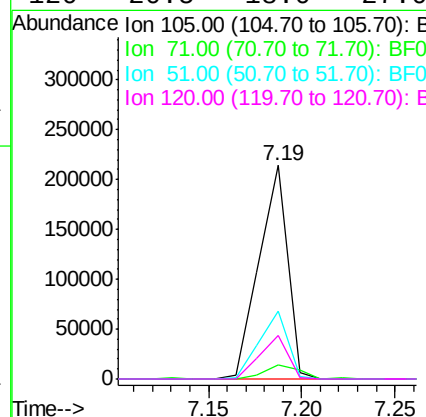
Manual Integrations
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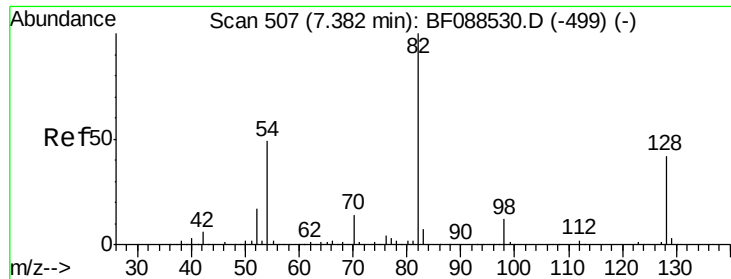
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#22
Acetophenone
Concen: 23.47 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		226956		
71	6.5		5.3	7.9	
51	32.0		18.2	27.4	
120	20.5		18.0	27.0	





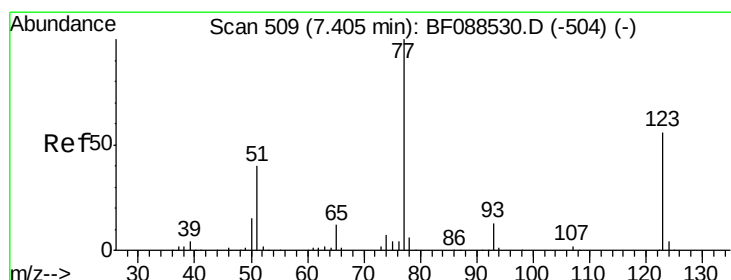
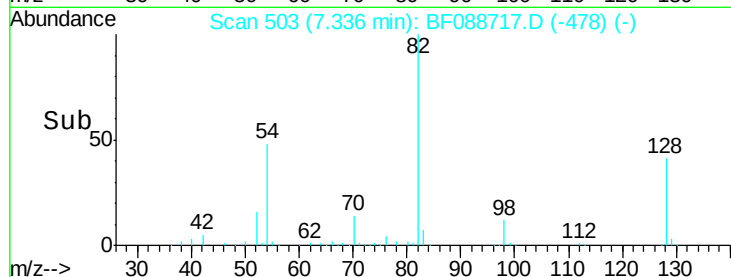
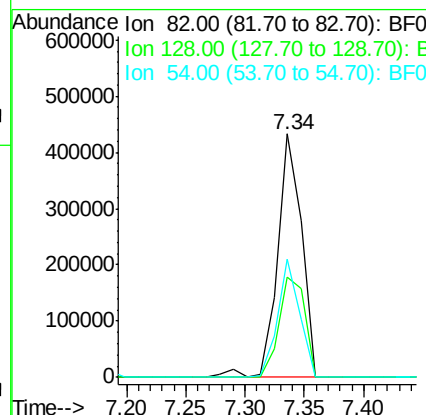
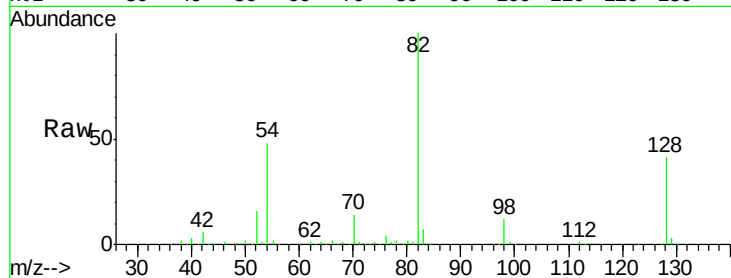
#23
 Nitrobenzene-d5
 Concen: 79.30 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampled :
 C1.2-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.1	35.9	53.9	
54	48.3	40.9	61.3	

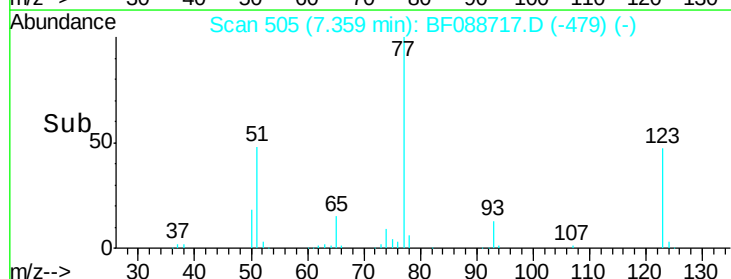
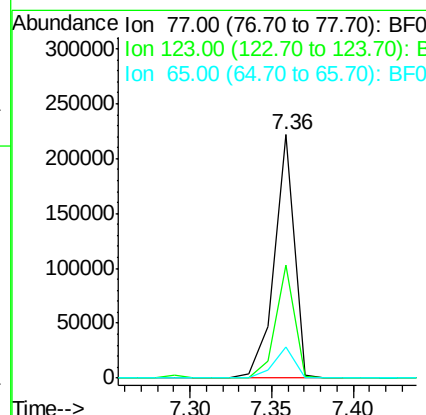
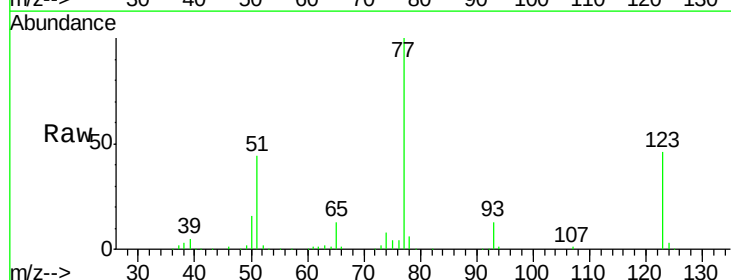
Manual Integrations
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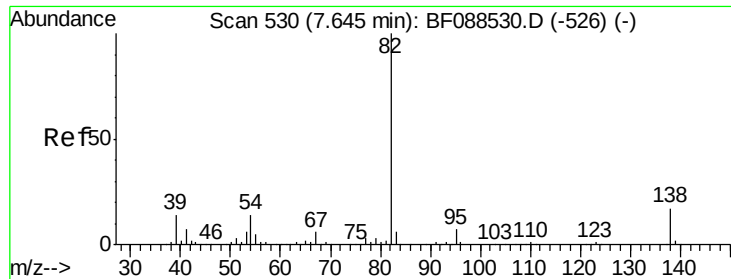
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#24
 Nitrobenzene
 Concen: 24.62 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.3	45.0	67.4	
65	12.9	10.2	15.2	





#25

Isophorone

Concen: 23.28 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

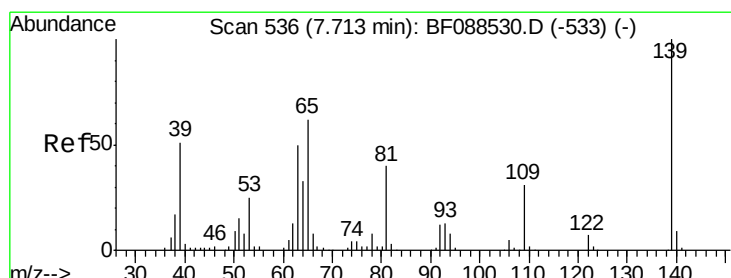
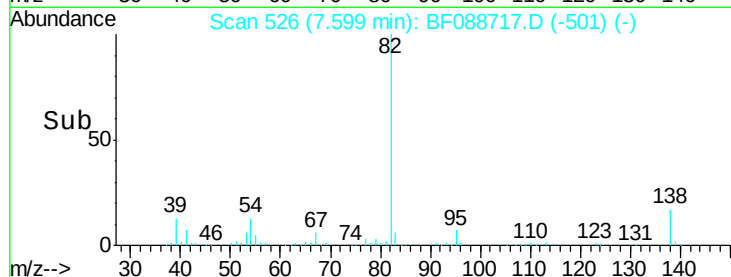
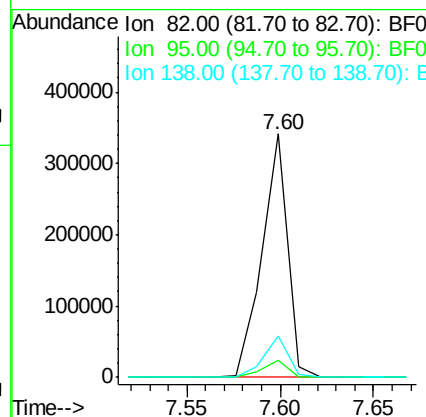
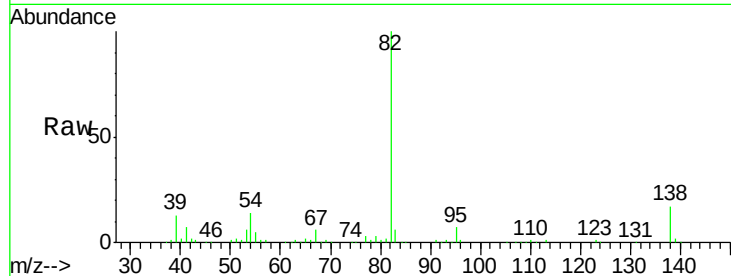
ClientSampleId :

C1.2-6MSD

Tot Ion:	82	Resp:	327902
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.4	8.2
138	17.0	14.6	21.8

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#26

2-Nitrophenol

Concen: 26.12 ng

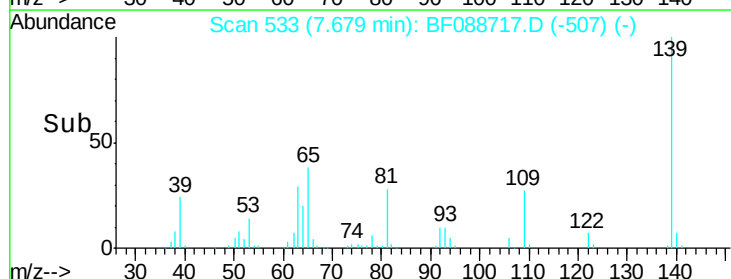
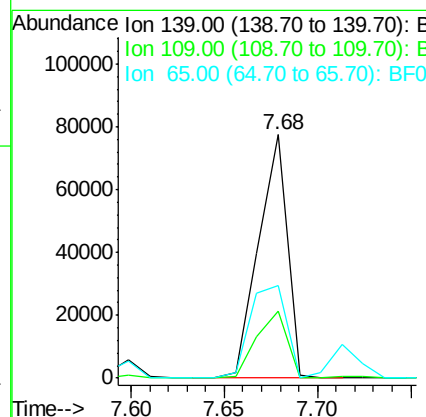
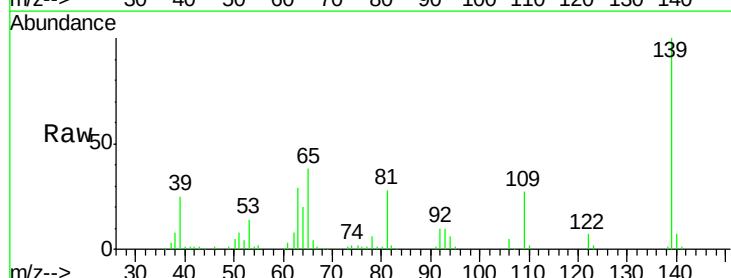
RT: 7.68 min Scan# 533

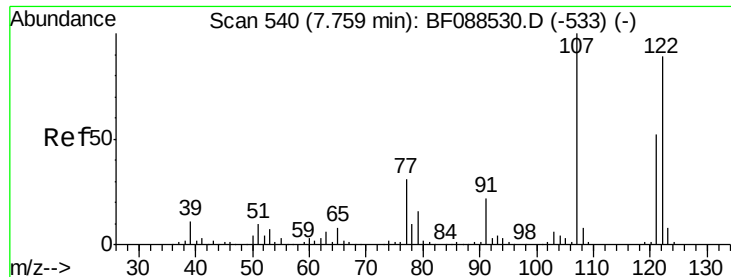
Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:	139	Resp:	82107
Ion Ratio		Lower	Upper
139	100		
109	27.4	23.0	34.4
65	38.0	45.8	68.8#





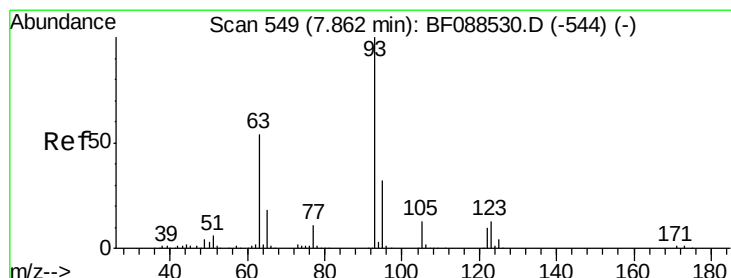
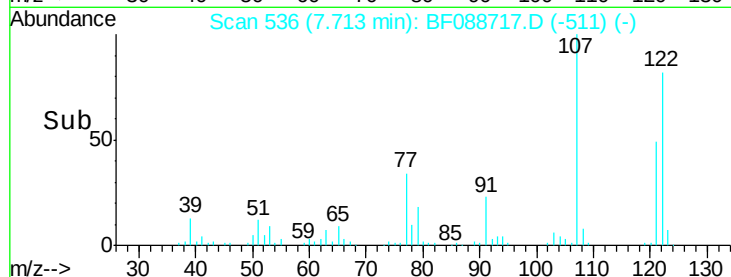
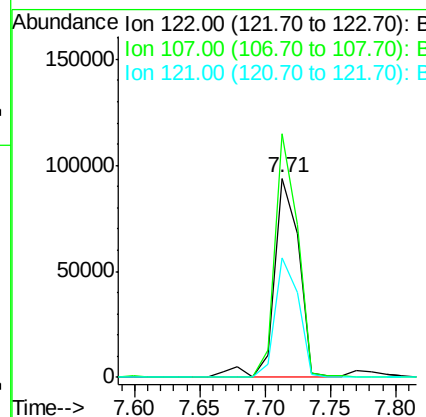
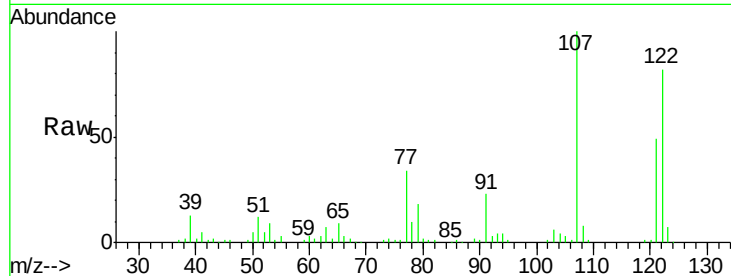
#27
2,4-Dimethylphenol
Concen: 19.24 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampled :
C1.2-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	125996		
107	122.4	82.4	123.6	
121	59.8	46.3	69.5	

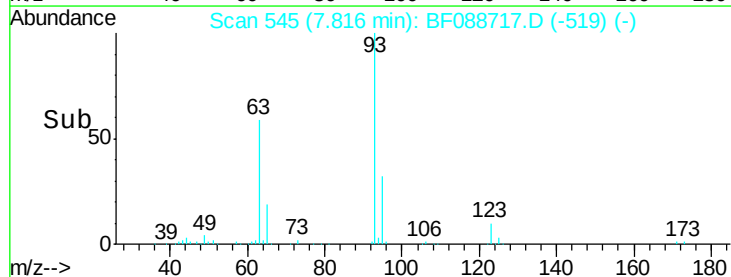
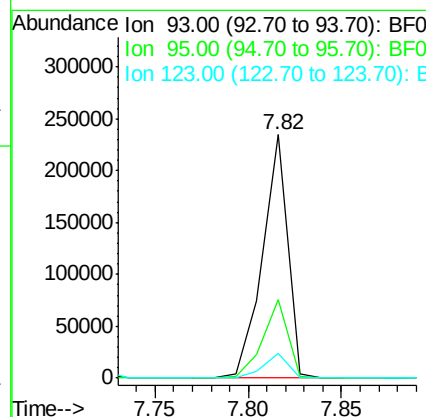
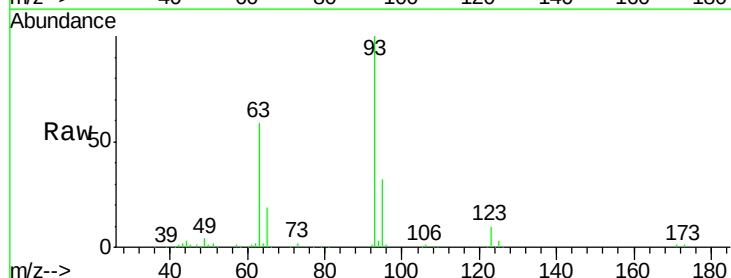
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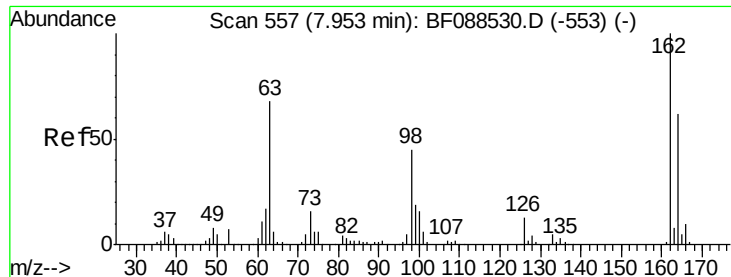
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#28
bis(2-Chloroethoxy)methane
Concen: 23.71 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	217321		
95	32.4	26.5	39.7	
123	10.1	11.6	17.4	





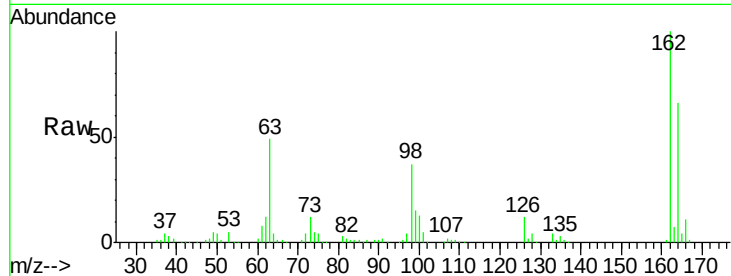
#29
2,4-Dichlorophenol
Concen: 24.81 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampled :
C1.2-6MSD

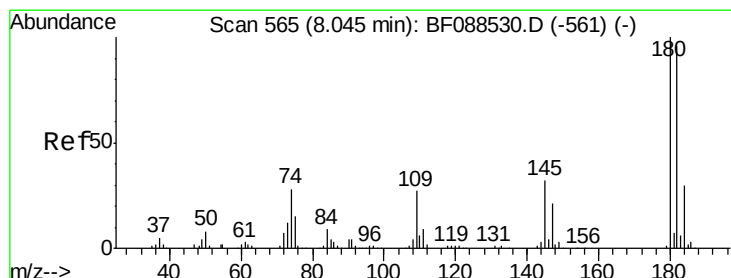
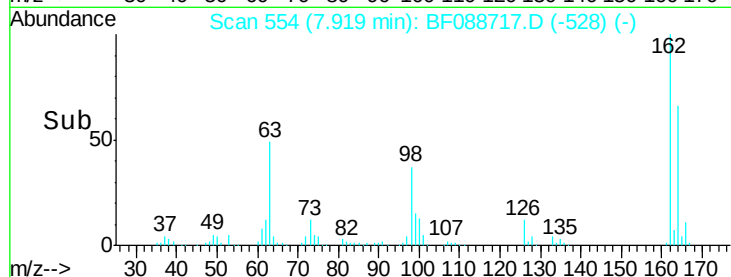
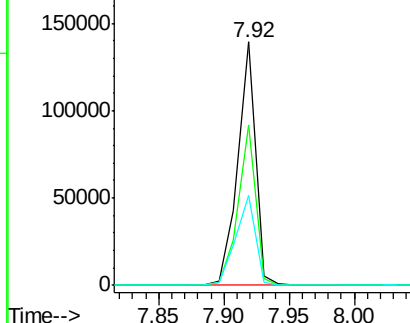
Tot Ion	Ratio	Resp	Lower	Upper
162	100	131304		
164	65.8	43.8	83.8	
98	37.2	21.3	61.3	

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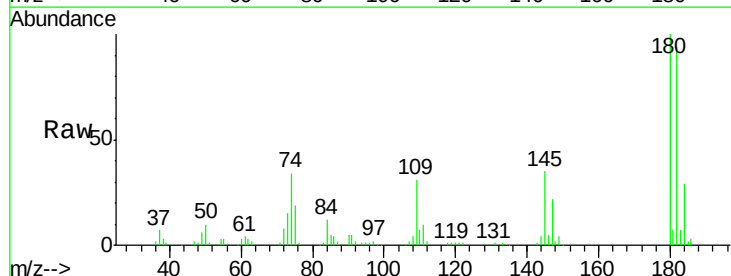


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

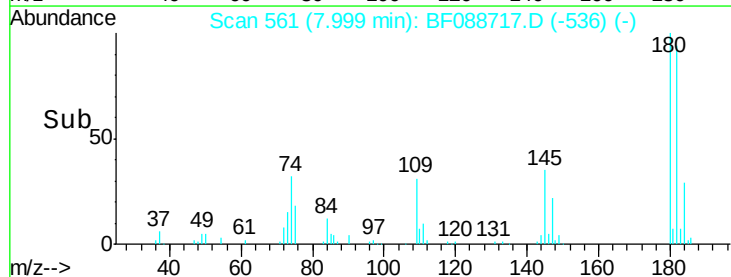
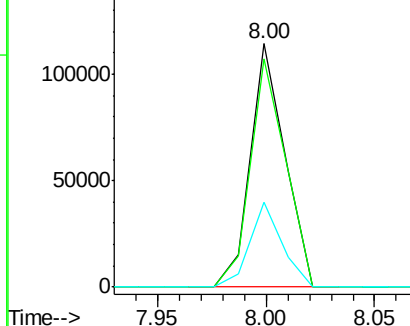


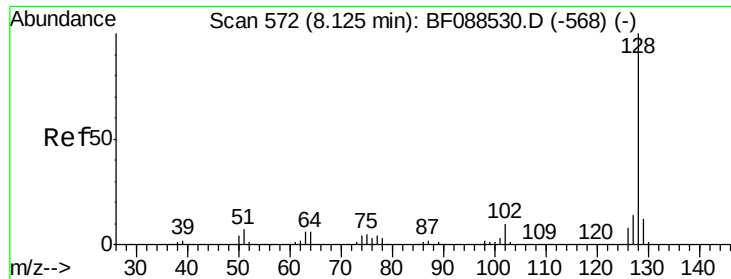
#30
1,2,4-Trichlorobenzene
Concen: 21.77 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	126404		
182	93.9	76.0	114.0	
145	34.6	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 22.22 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

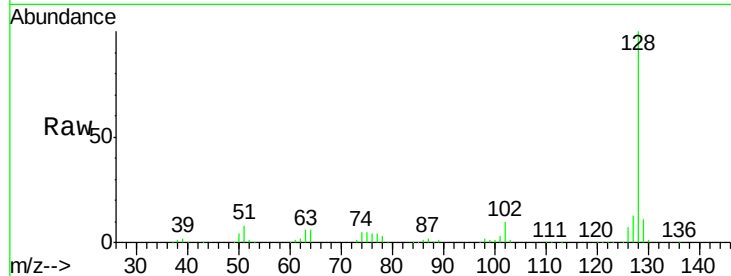
ClientSampleId :

C1.2-6MSD

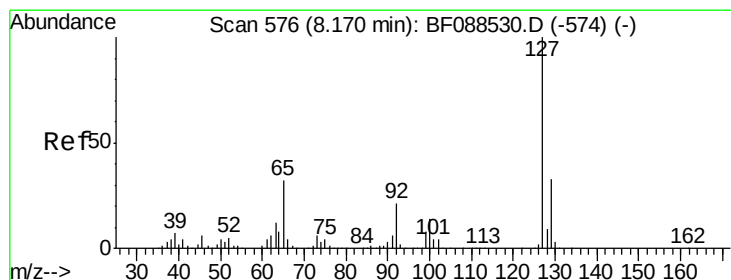
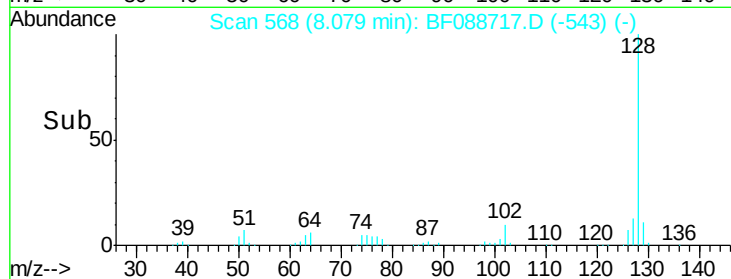
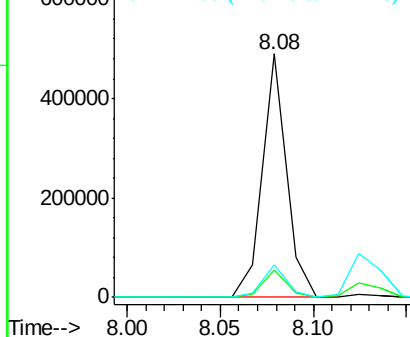
Tot Ion:	128	Resp:	436485
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.2
127	13.3	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 12.46 ng

RT: 8.12 min Scan# 572

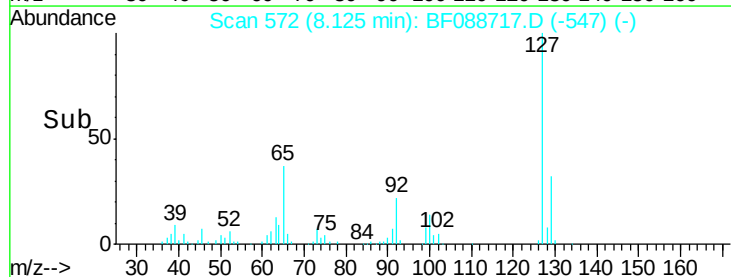
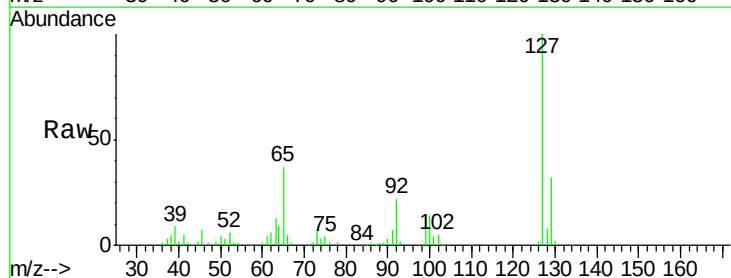
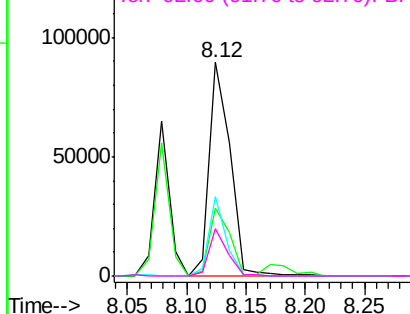
Delta R.T. -0.01 min

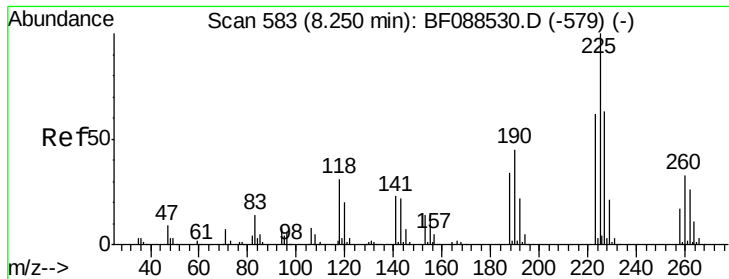
Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:	127	Resp:	108939
Ion Ratio	Lower	Upper	
127	100		
129	31.7	26.3	39.5
65	37.2	24.7	37.1#
92	22.2	15.4	23.0

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





#34

Hexachlorobutadiene

Concen: 23.21 ng

RT: 8.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

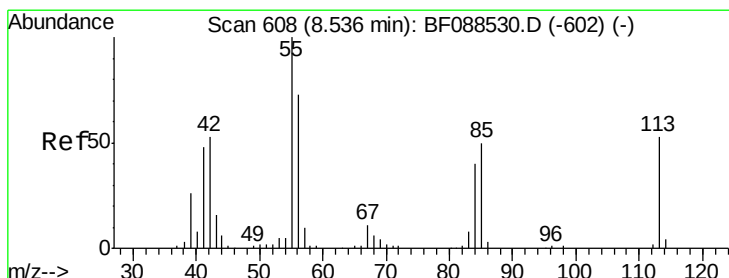
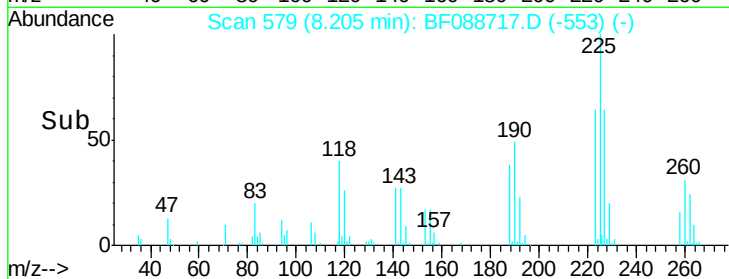
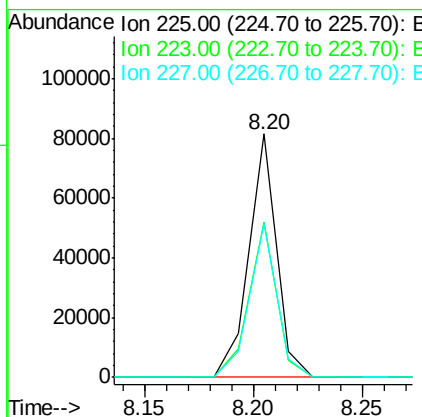
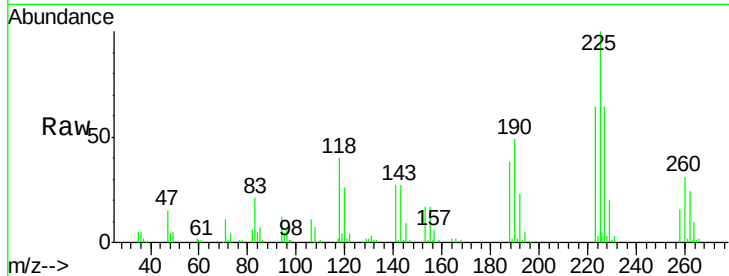
ClientSampled :

C1.2-6MSD

Tot Ion:	225	Resp:	72165
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.9	76.3
227	63.5	51.9	77.9

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#35

Caprolactam

Concen: 20.34 ng m

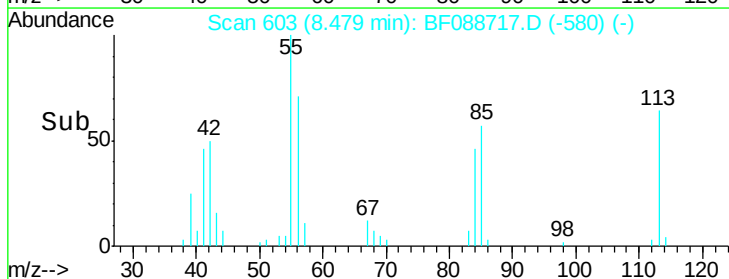
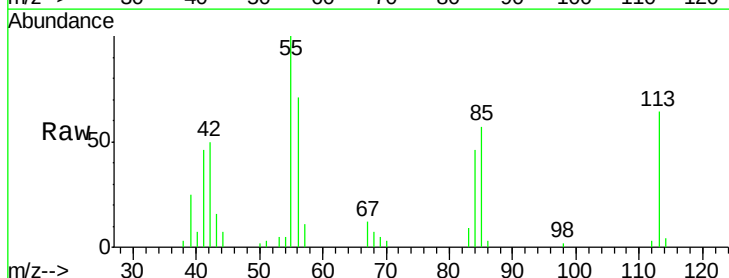
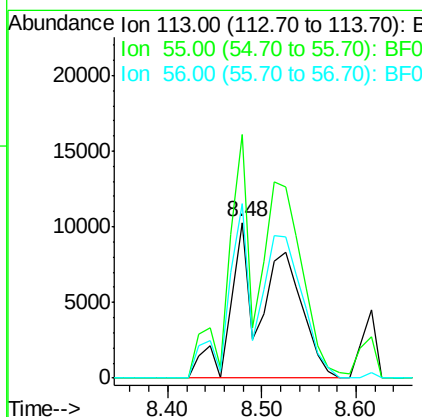
RT: 8.48 min Scan# 603

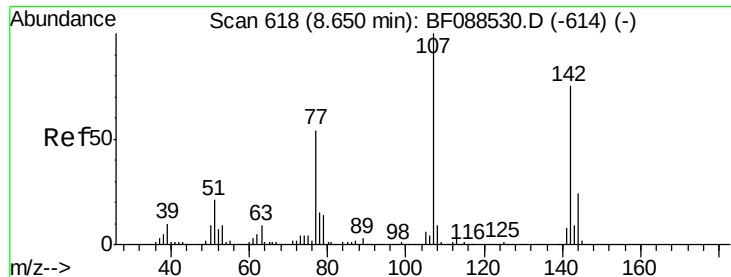
Delta R.T. -0.03 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:	113	Resp:	36554
Ion Ratio	Lower	Upper	
113	100		
55	156.7	158.6	198.6#
56	112.0	110.6	150.6





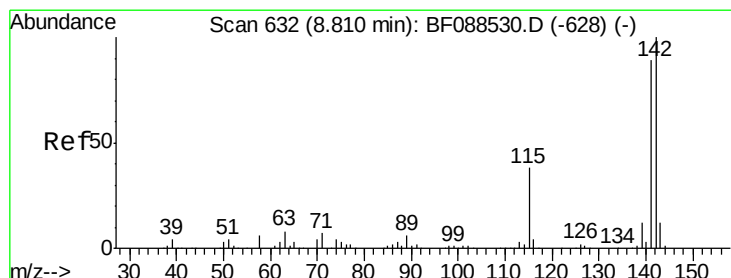
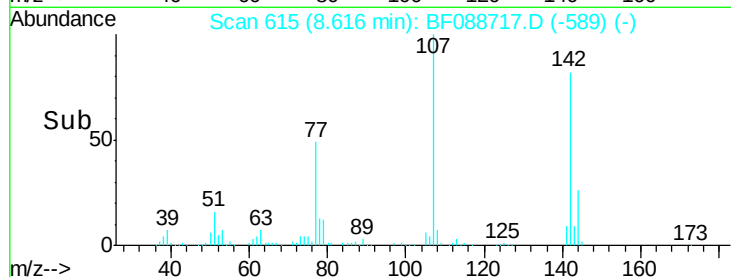
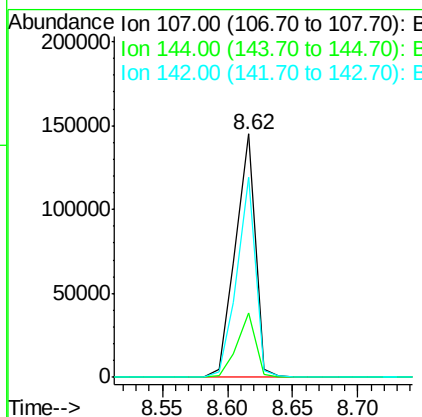
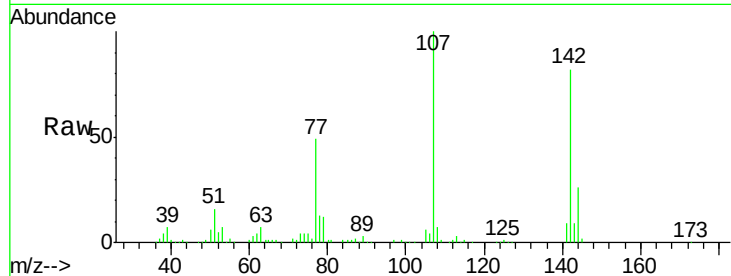
#36
4-Chloro-3-methylphenol
Concen: 24.65 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	154225		
144	26.2		20.8	31.2
142	82.4		63.4	95.2

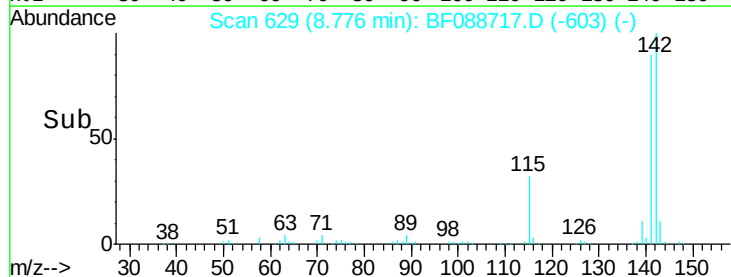
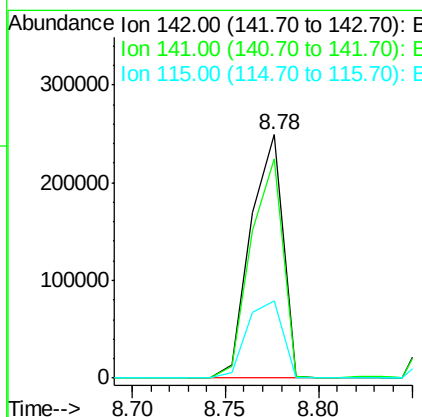
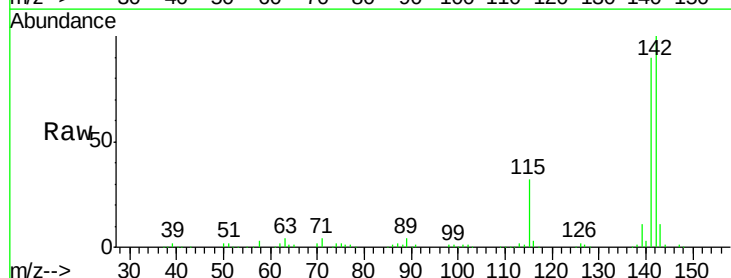
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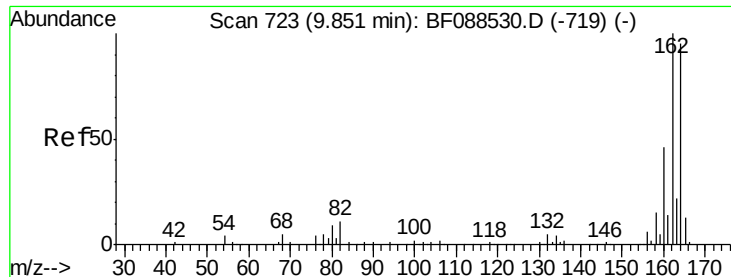
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#37
2-Methylnaphthalene
Concen: 23.51 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	297372		
141	90.3		71.0	106.6
115	32.0		22.6	33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

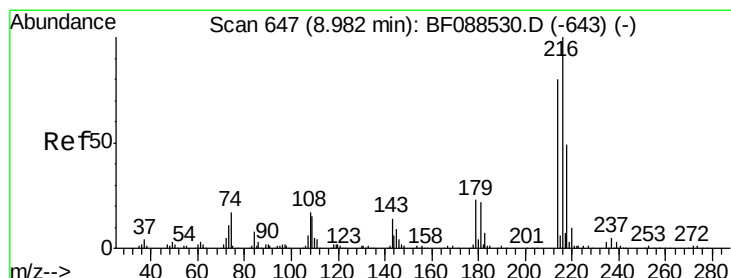
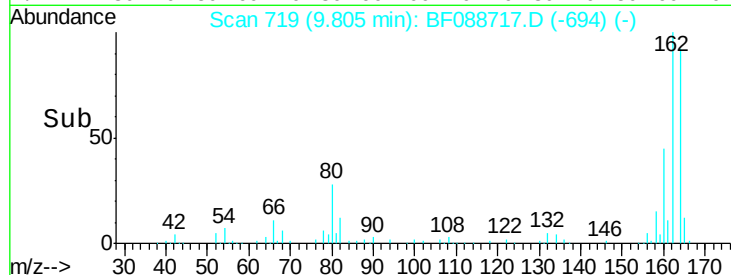
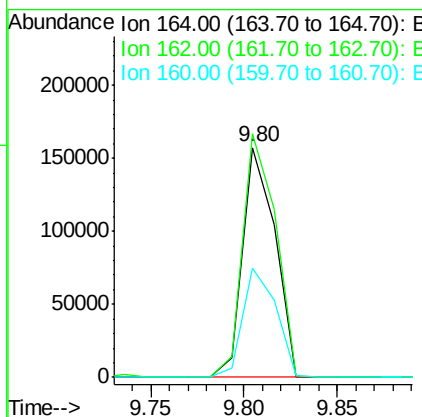
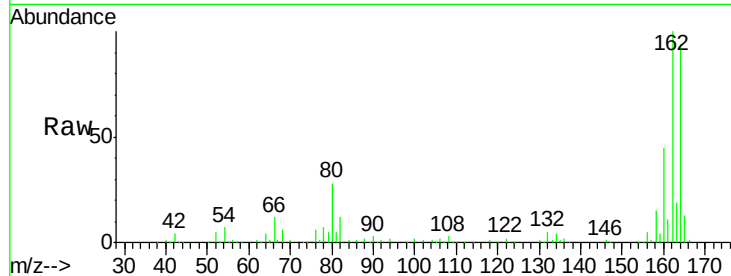
ClientSampleId :

C1.2-6MSD

Tot Ion:	164	Resp:	189133
Ion Ratio	Lower	Upper	
164	100		
162	106.0	85.4	128.2
160	47.5	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.03 ng

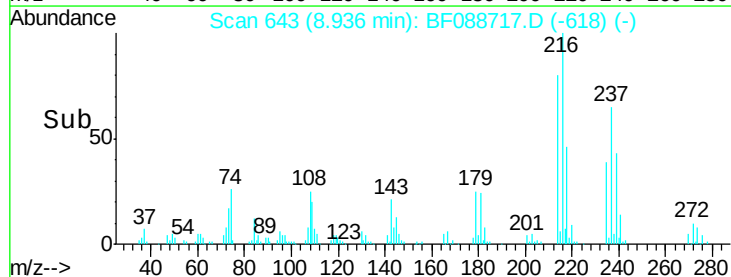
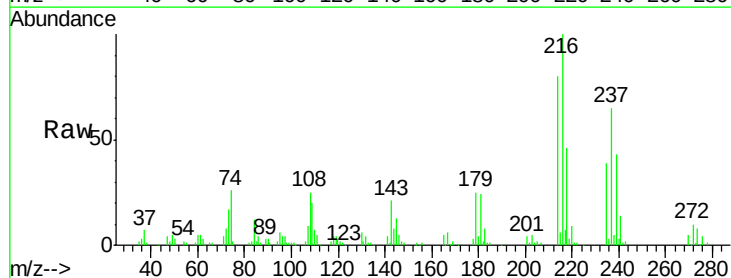
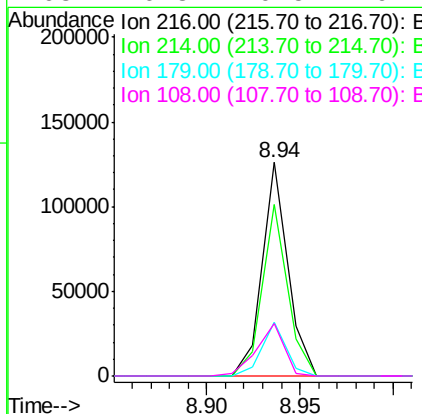
RT: 8.94 min Scan# 643

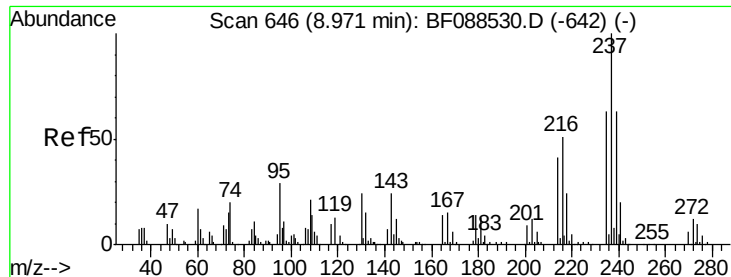
Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:	216	Resp:	119715
Ion Ratio	Lower	Upper	
216	100		
214	79.2	2.9	4.3#
179	23.6	0.0	0.0#
108	26.8	0.5	0.7#





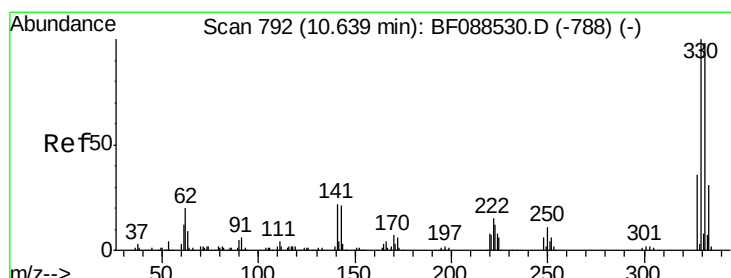
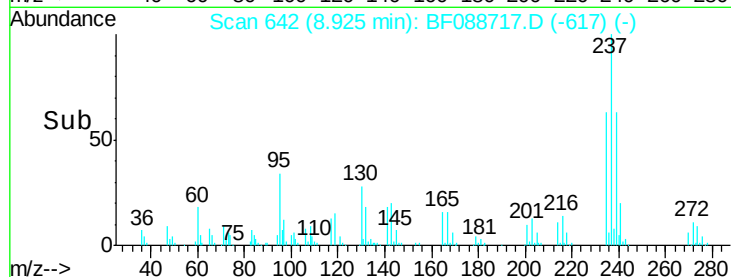
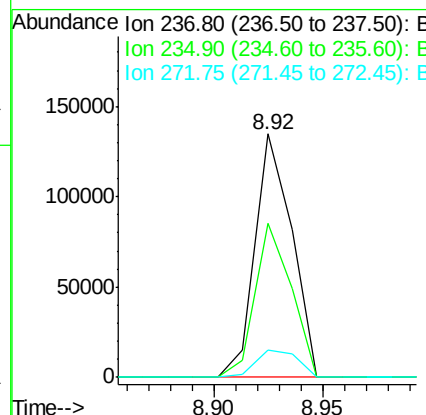
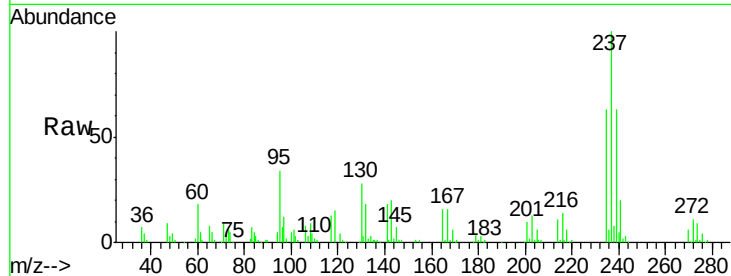
#40
Hexachlorocyclopentadiene
Concen: 51.36 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.1	43.4	83.4
272	11.3	0.0	32.3

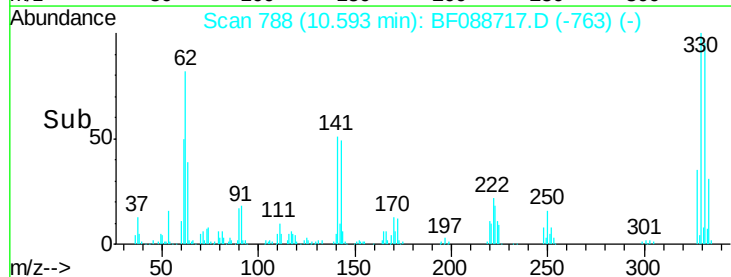
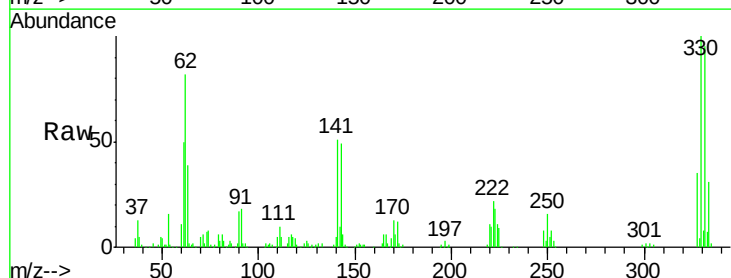
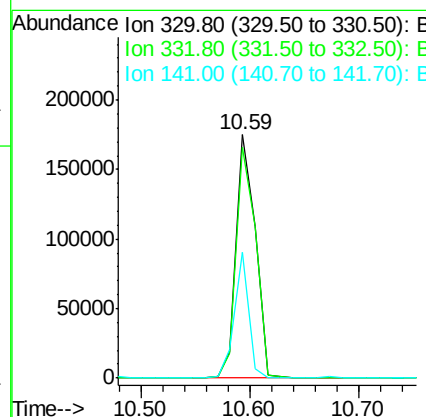
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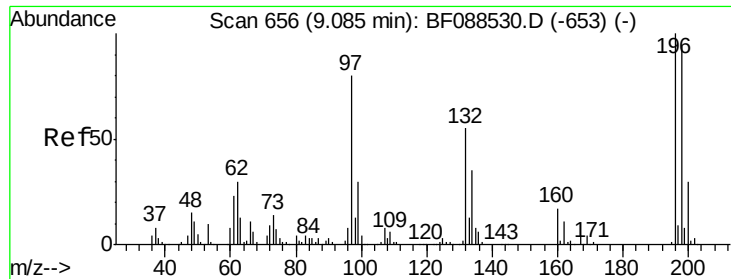
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#41
2,4,6-Tribromophenol
Concen: 120.49 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.9	0.0	0.0#
141	38.8	0.0	0.0#





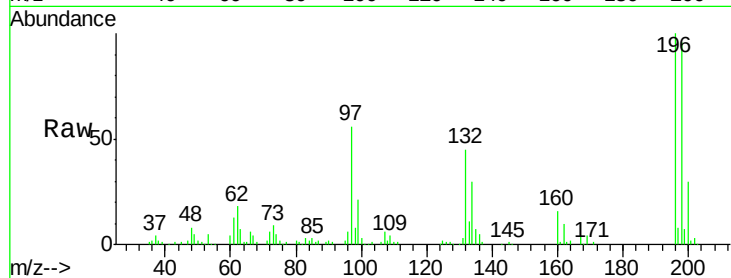
#42
 2,4,6-Trichlorophenol
 Concen: 24.75 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampled :
 C1.2-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102658		
198	95.8	78.0	117.0	
200	30.5	25.4	38.2	

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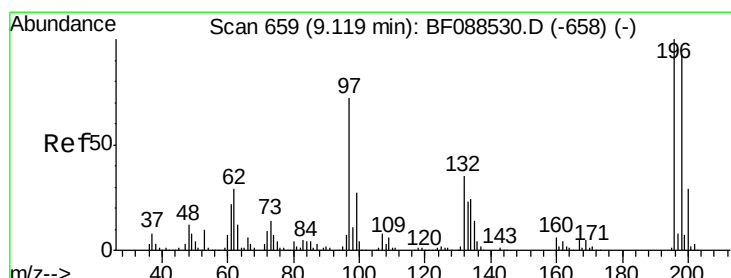
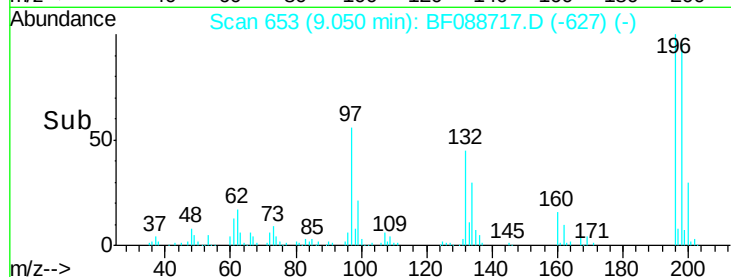
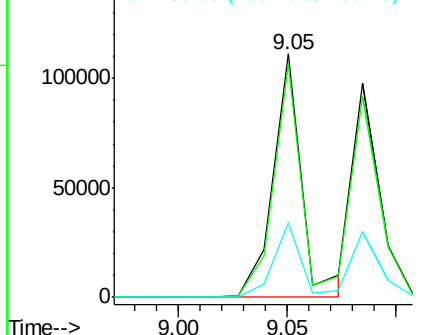


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 2,4,5-Trichlorophenol
 Concen: 23.86 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	85144		
198	94.0	77.5	116.3	
97	65.2	32.0	48.0#	
132	33.8	20.9	31.3#	

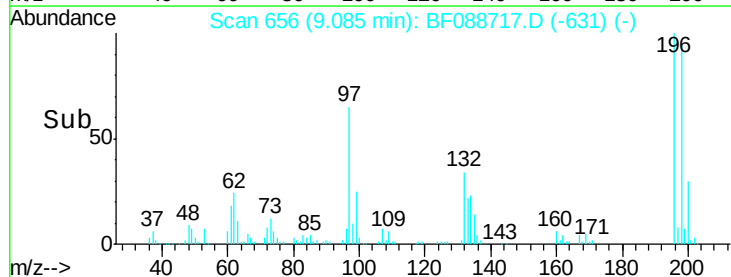
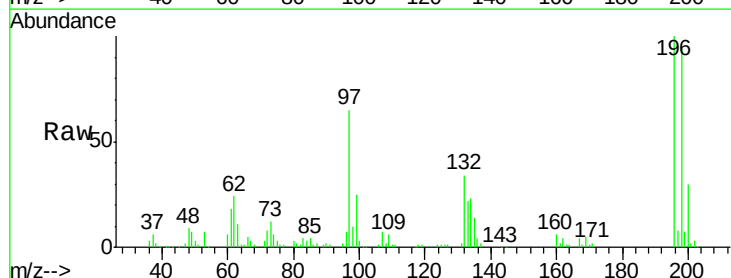
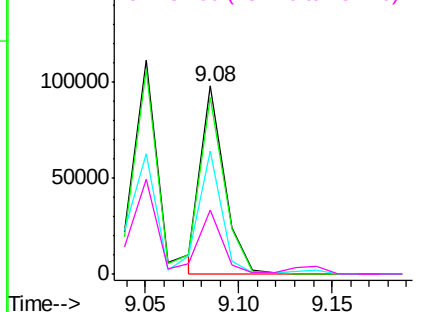
Abundance

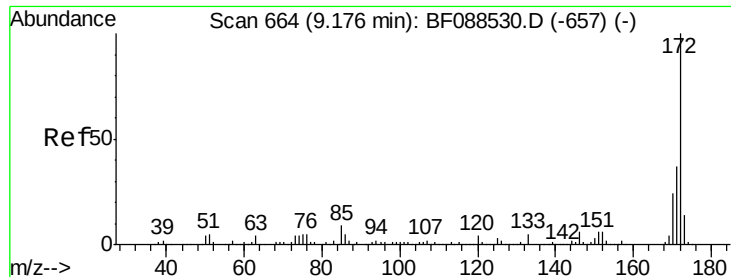
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





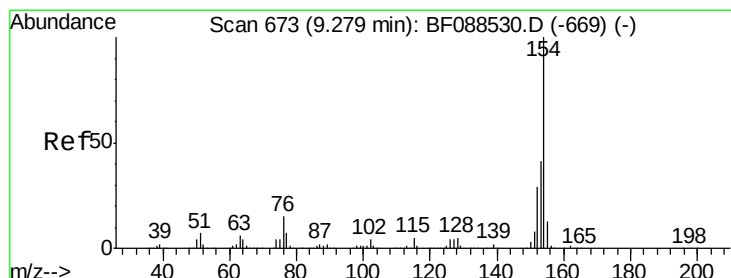
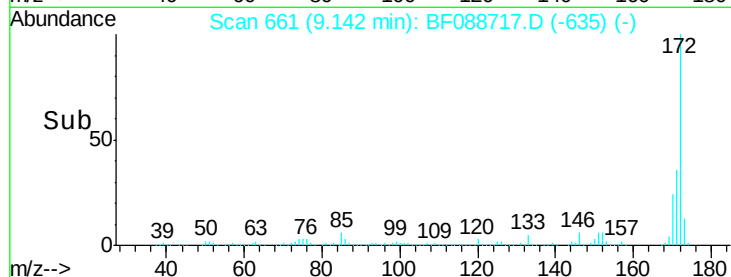
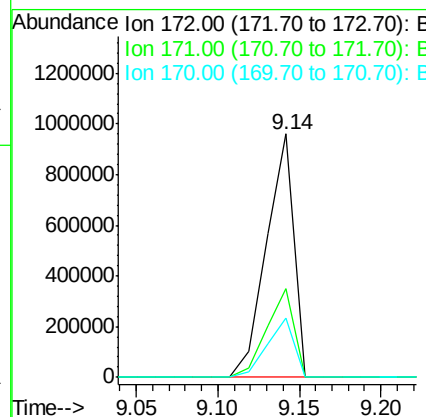
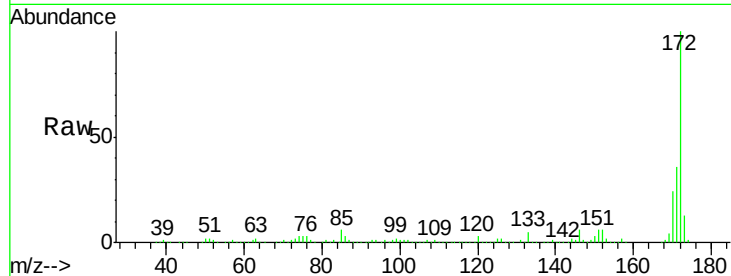
#44
2-Fluorobiphenyl
Concen: 93.43 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion:172 Resp: 1118705
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.4 19.2 28.8

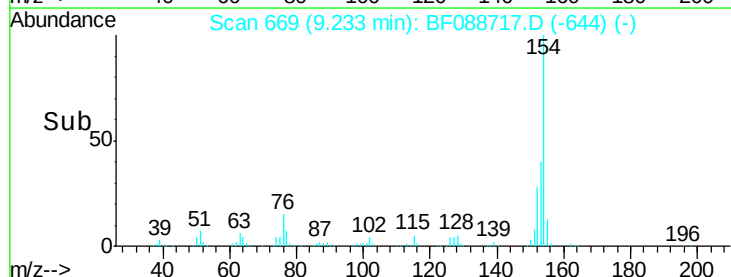
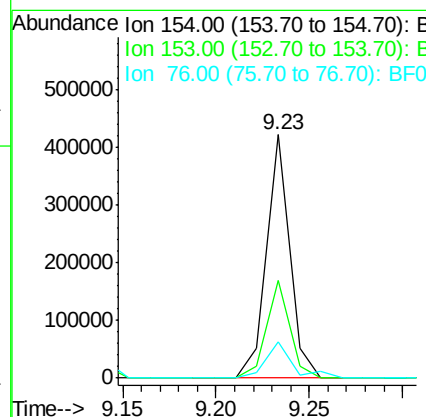
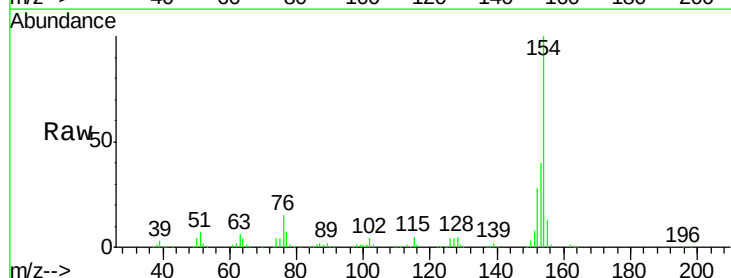
Manual Integrations
APPROVED

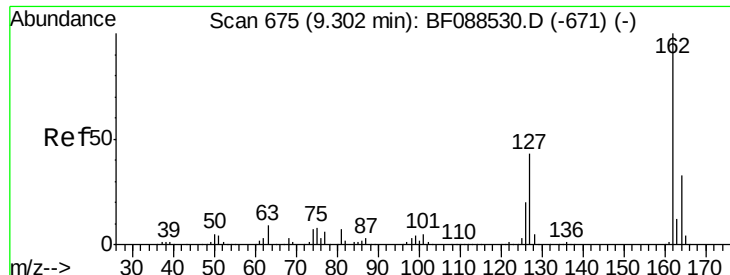
sohil
7/6/2016 7:19:30 PM



#45
1,1'-Biphenyl
Concen: 23.06 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion:154 Resp: 361195
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 14.9 0.0 35.1





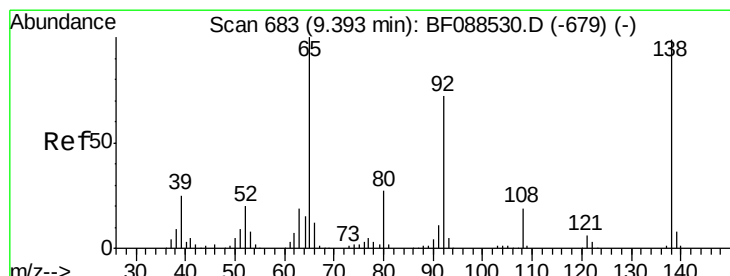
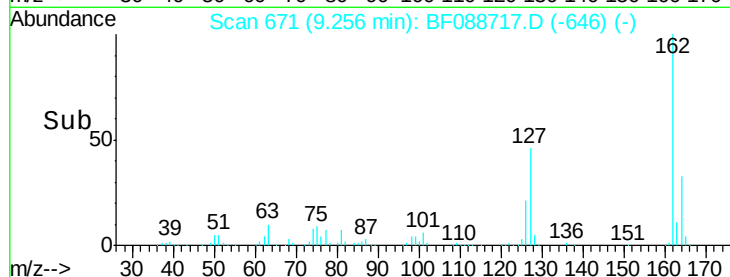
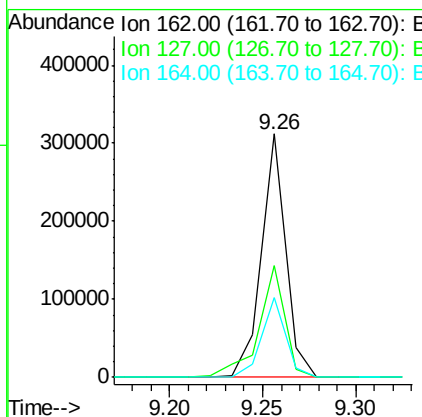
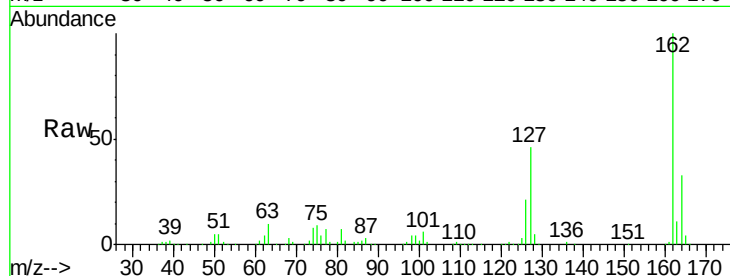
#46
2-Chloronaphthalene
Concen: 22.69 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		278976		
127	45.8	35.2	52.8		
164	32.7	26.6	39.8		

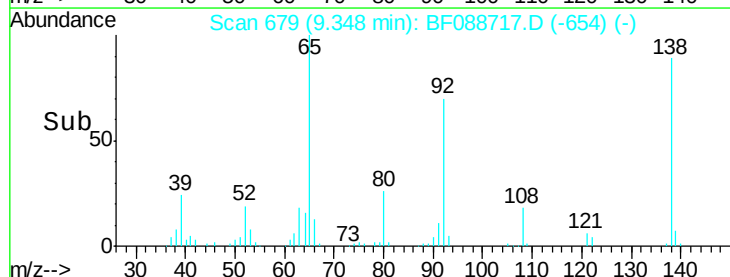
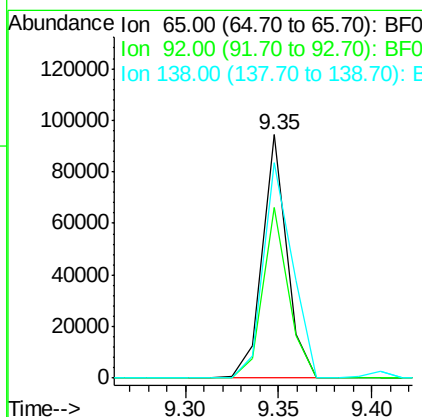
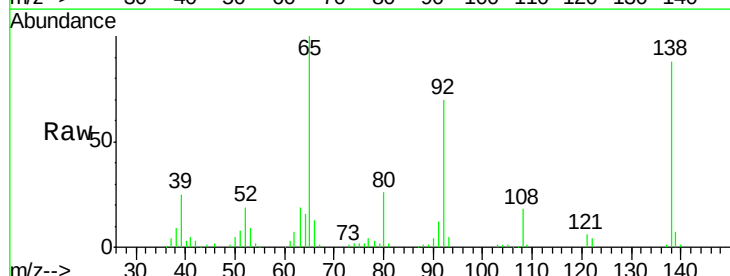
Manual Integrations
APPROVED

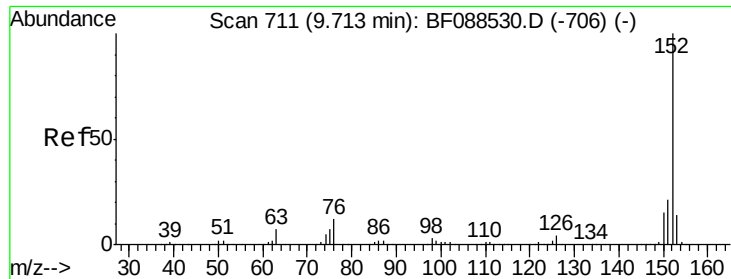
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#47
2-Nitroaniline
Concen: 19.54 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		85281		
92	70.1	54.6	82.0		
138	88.5	77.0	115.4		





#48

Acenaphthylene

Concen: 22.49 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

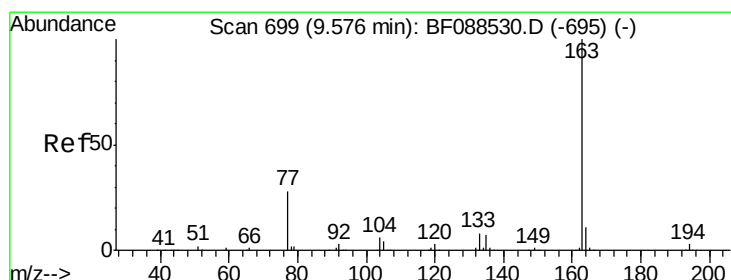
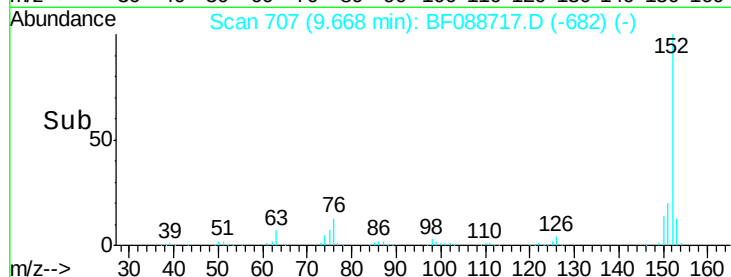
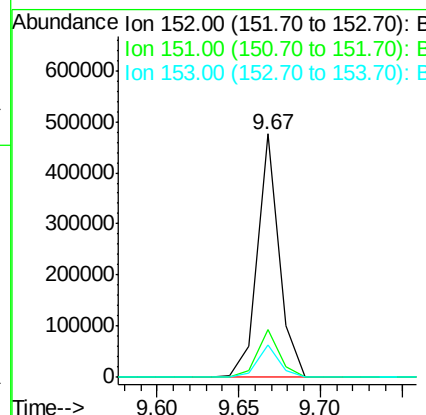
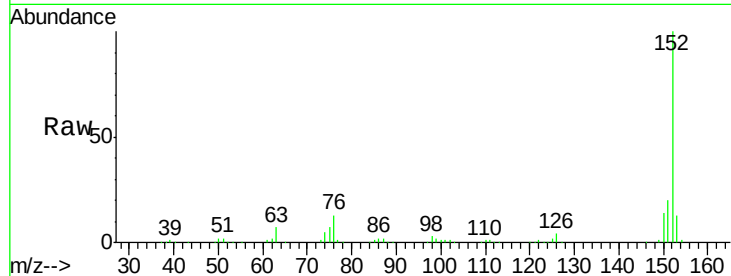
ClientSampleId :

C1.2-6MSD

Tot Ion:	152	Resp:	439970
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.4
153	13.4	11.0	16.6

Manual Integrations
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#49

Dimethylphthalate

Concen: 46.31 ng

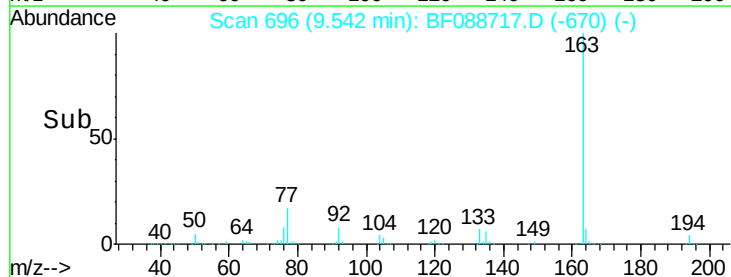
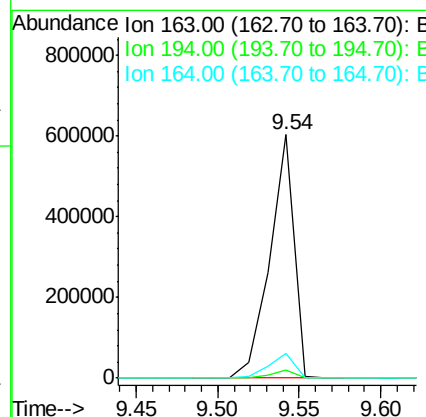
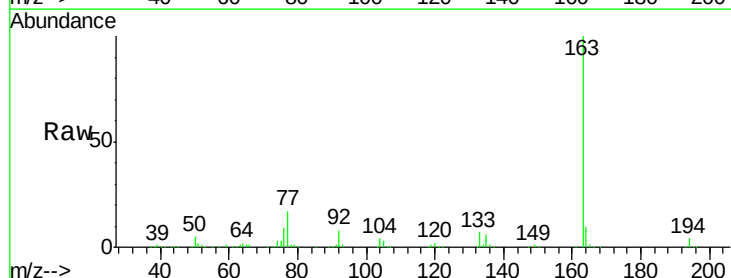
RT: 9.54 min Scan# 696

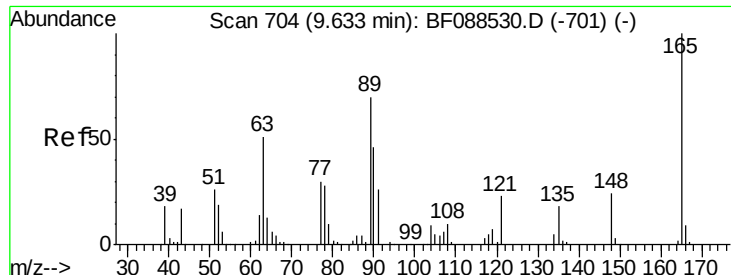
Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:	163	Resp:	624034
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.8	4.2
164	9.9	8.3	12.5





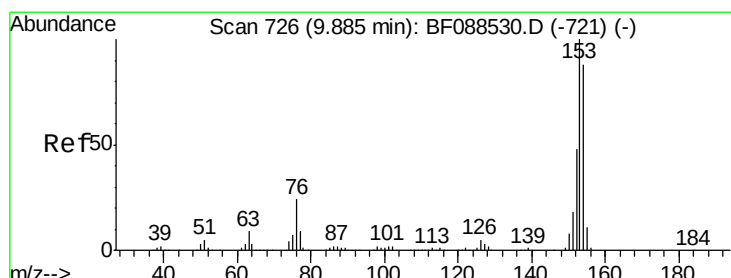
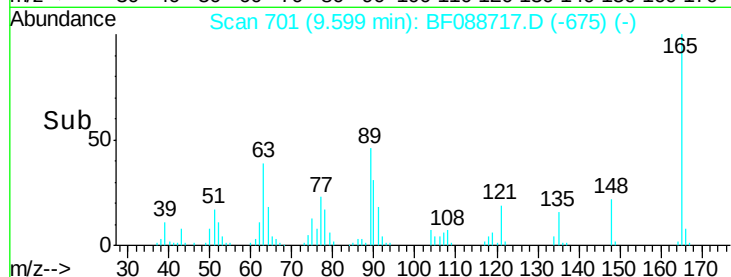
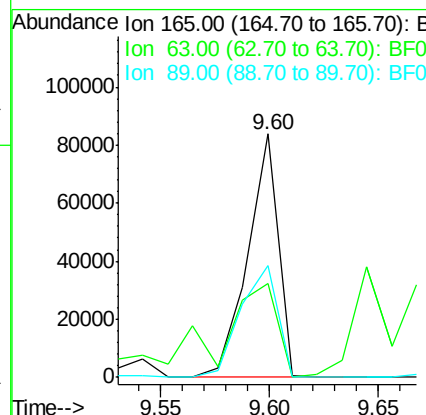
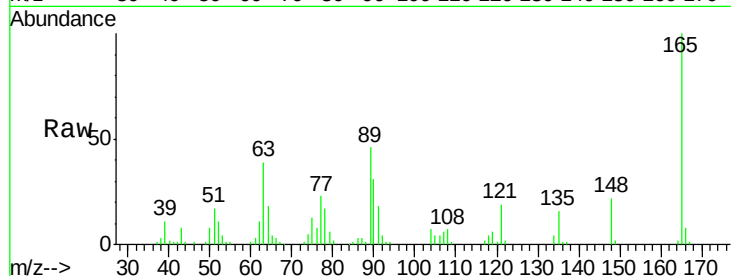
#50
2,6-Dinitrotoluene
Concen: 27.30 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.7	28.1	42.1
89	46.1	32.2	48.2

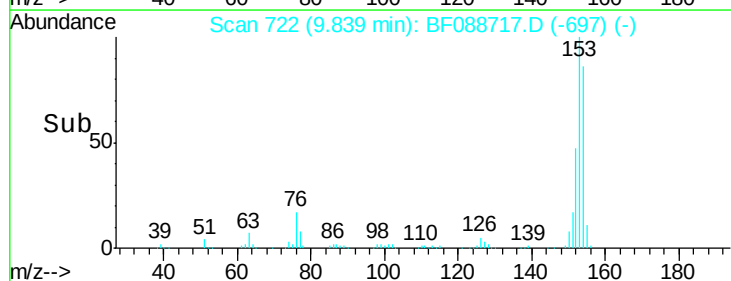
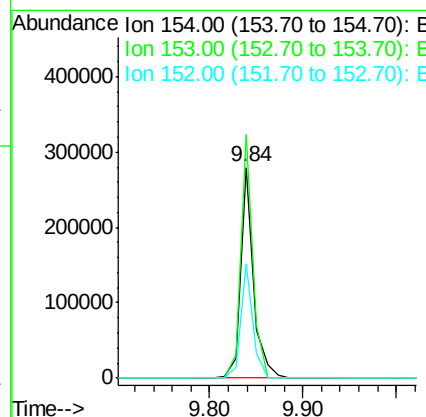
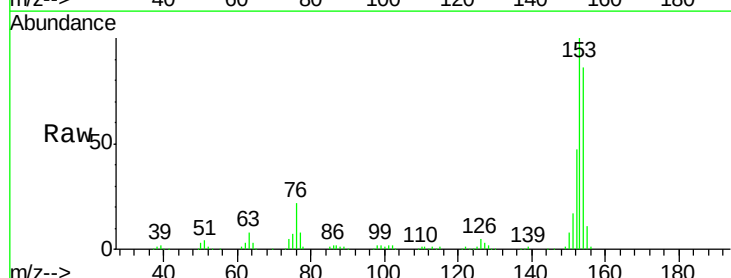
Manual Integrations
APPROVED

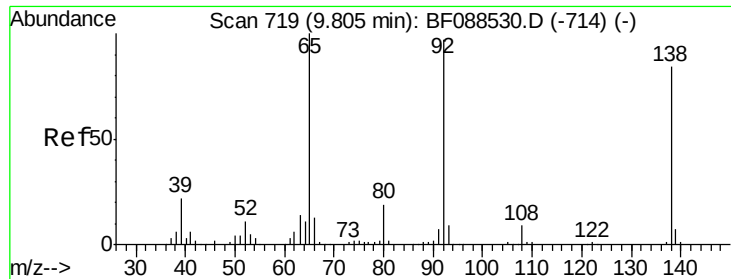
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#51
Acenaphthene
Concen: 22.41 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.5	134.3
152	54.0	42.7	64.1





#52

3-Nitroaniline

Concen: 18.21 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

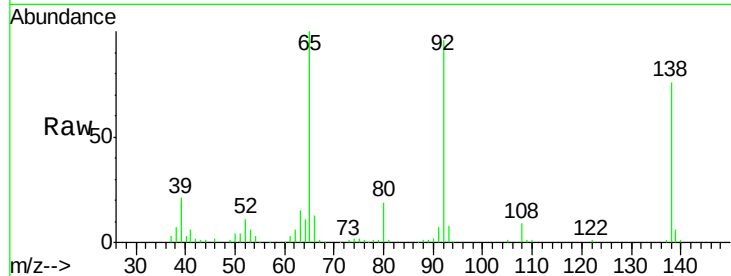
ClientSampleId :

C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.5	12.7
92	125.9	95.7	143.5

Manual Integrations
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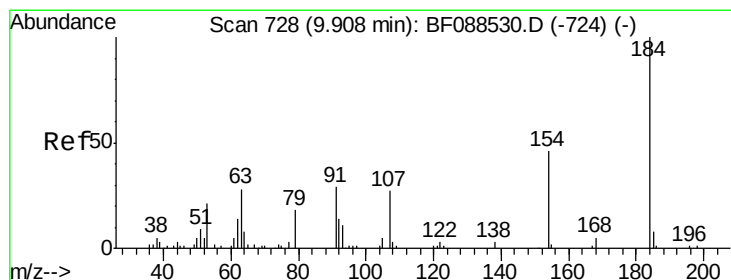
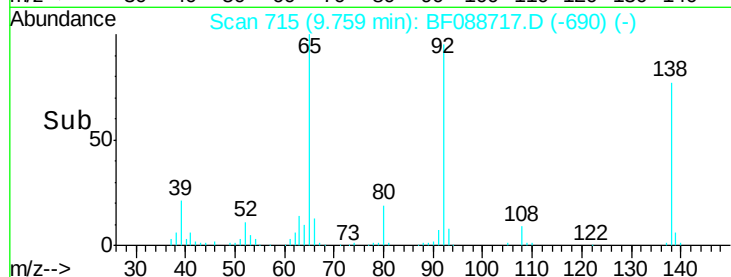
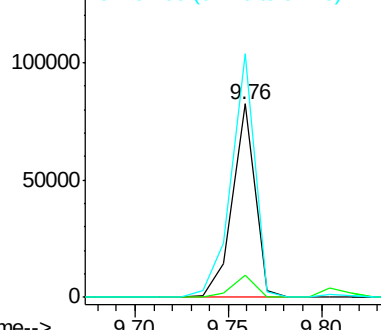
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 15.35 ng

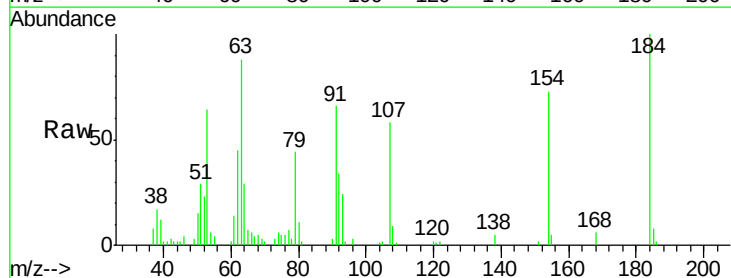
RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

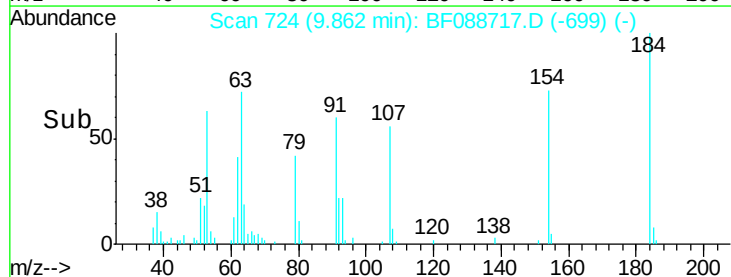
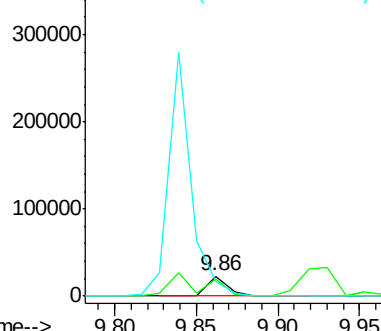
Tgt Ion	Ratio	Lower	Upper
184	100		
63	87.6	57.6	86.4#
154	72.9	53.5	80.3

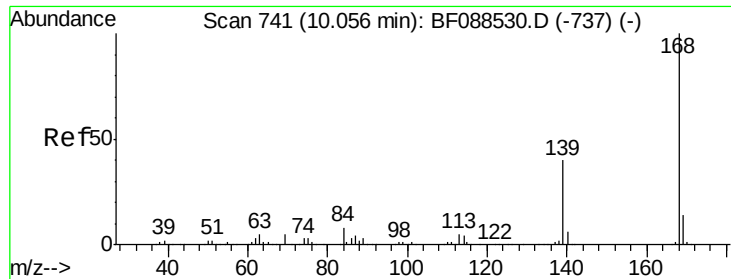


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





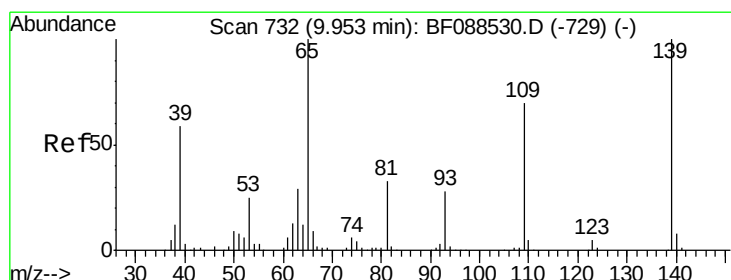
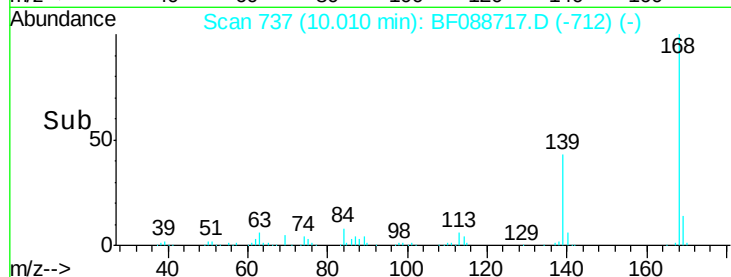
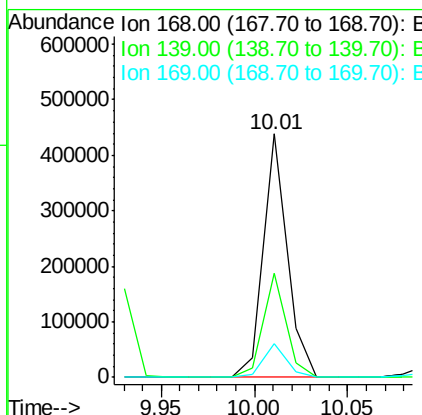
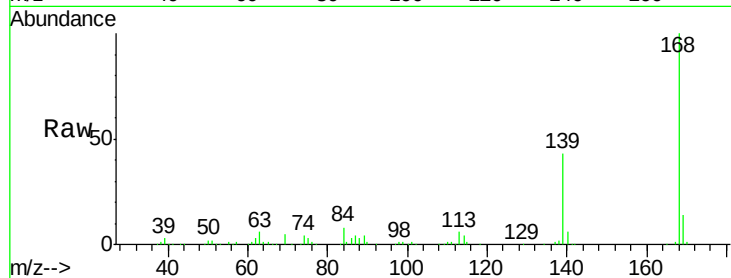
#54
Dibenzenofuran
Concen: 24.70 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampled :
C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	26.4	39.6#
169	13.6	10.4	15.6

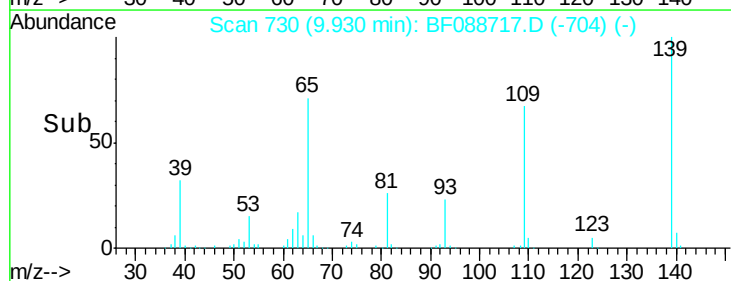
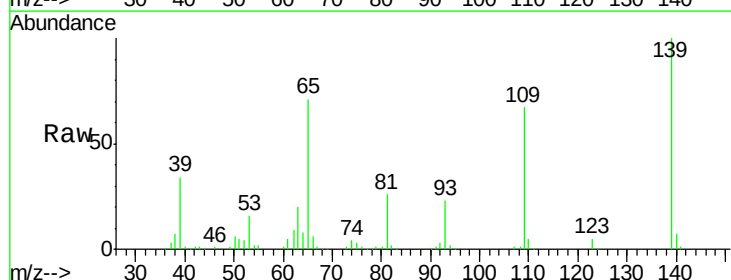
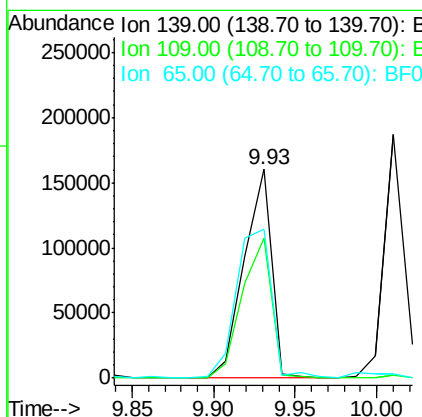
Manual Integrations
APPROVED

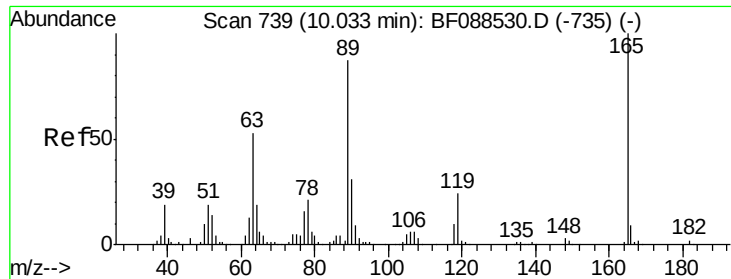
sohil
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#55
4-Nitrophenol
Concen: 64.76 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.2	48.9	88.9
65	71.1	84.9	124.9#





#56

2,4-Dinitrotoluene

Concen: 26.91 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

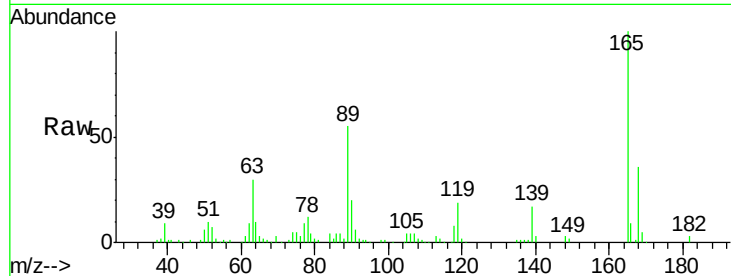
ClientSampleId :

C1.2-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		105084		
63	29.8	22.0	33.0		
89	55.1	41.1	61.7		
182	2.7	2.0	3.0		

Manual Integrations
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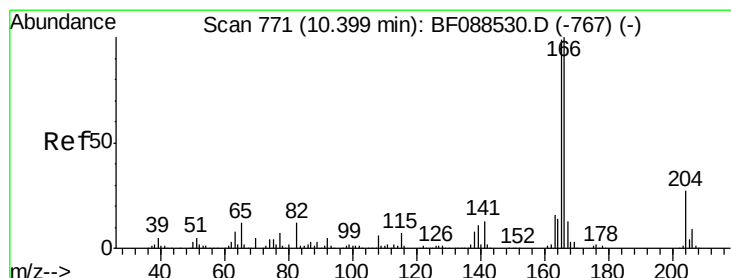
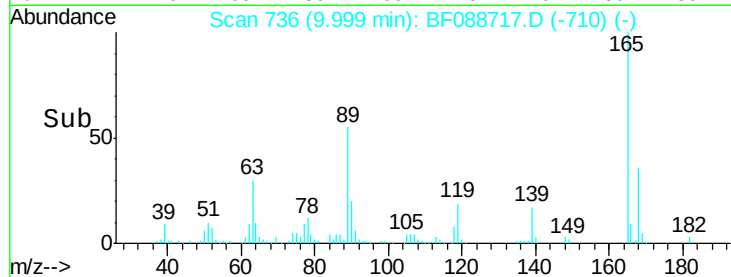
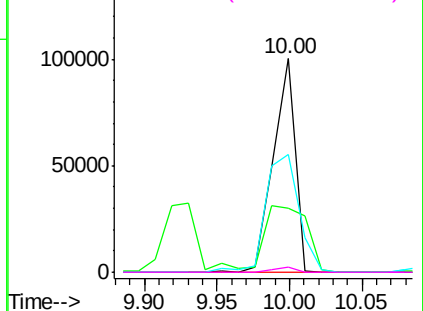


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 25.75 ng

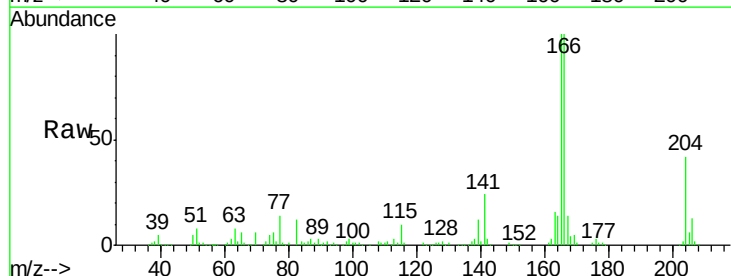
RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

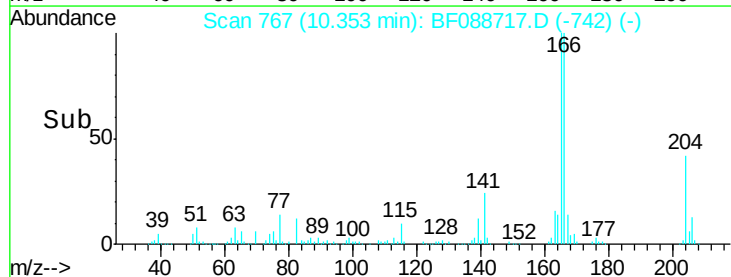
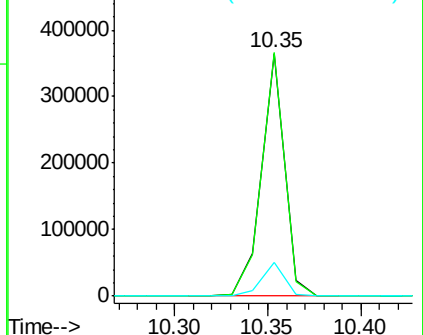
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		311503		
165	100.3	77.8	116.8		
167	13.7	11.2	16.8		

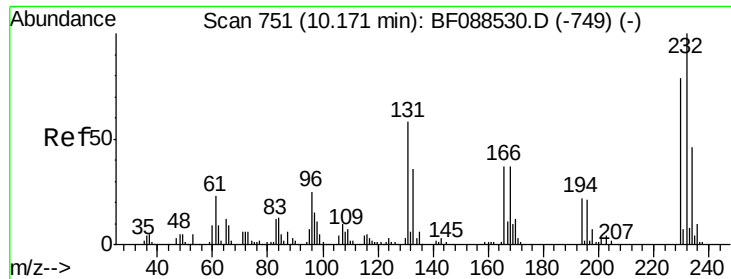


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





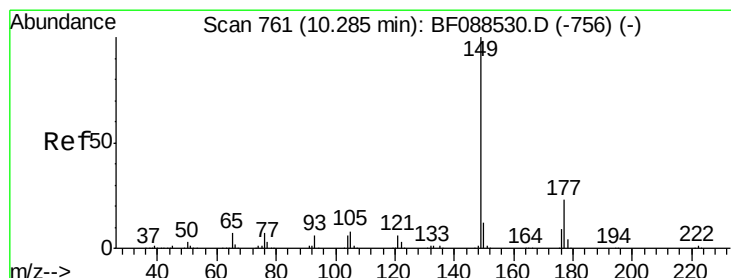
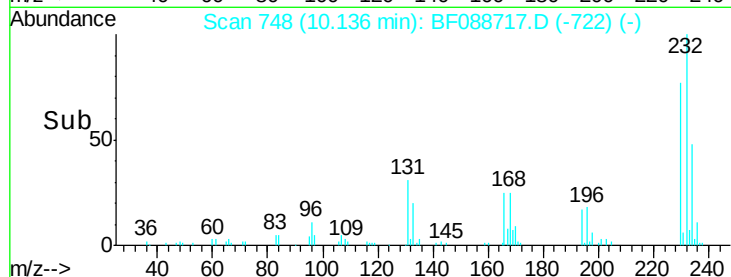
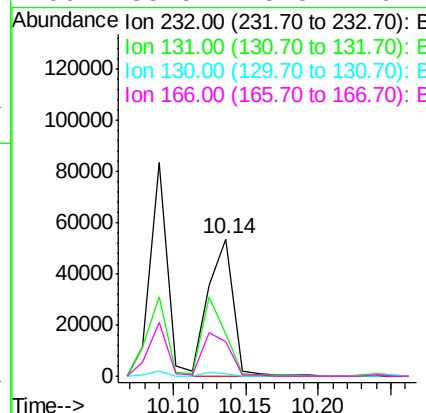
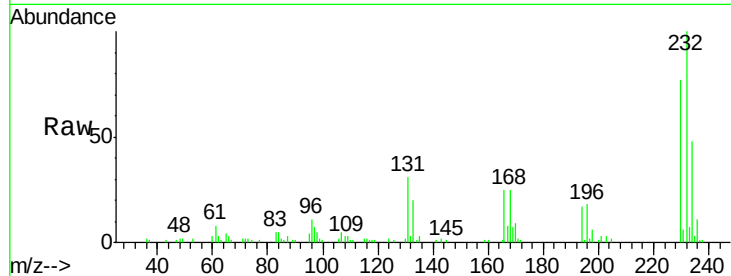
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.22 ng
 RT: 10.14 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.8	0.9	1.3#
130	2.7	1.5	2.3#
166	33.5	0.5	0.7#

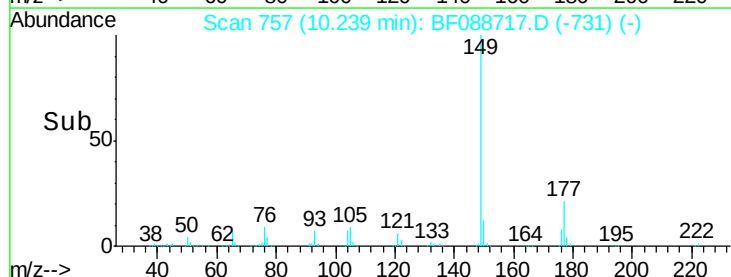
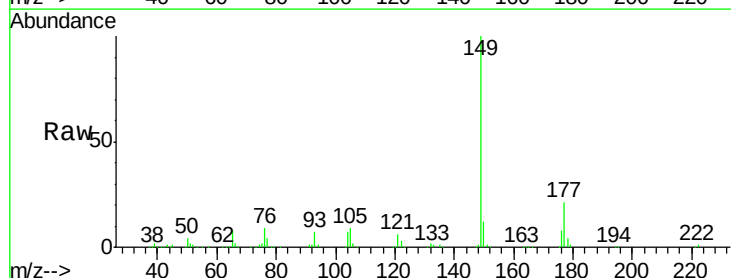
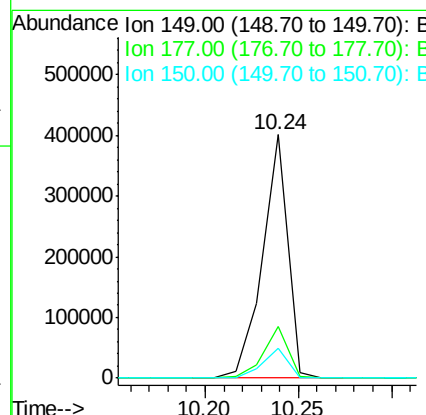
Manual Integrations
 APPROVED

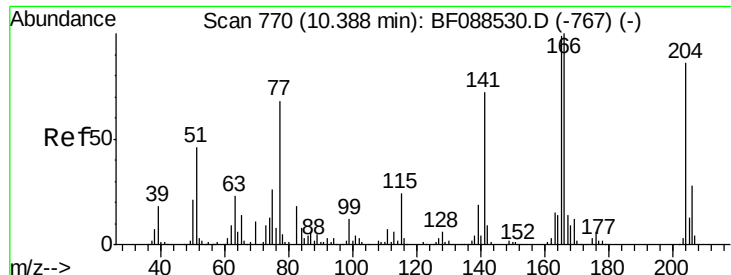
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 7/6/2016 7:19:30 PM



#59
 Diethylphthalate
 Concen: 27.64 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.9	25.3
150	12.4	10.1	15.1





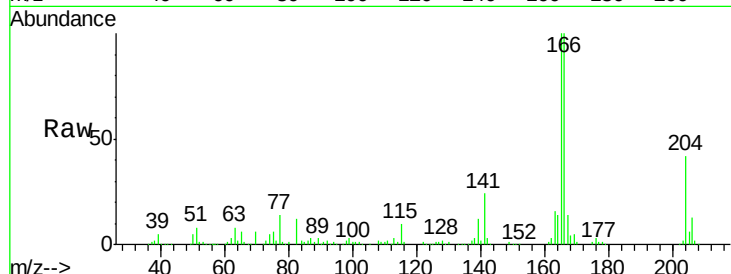
#60
4-Chlorophenyl-phenylether
Concen: 25.97 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

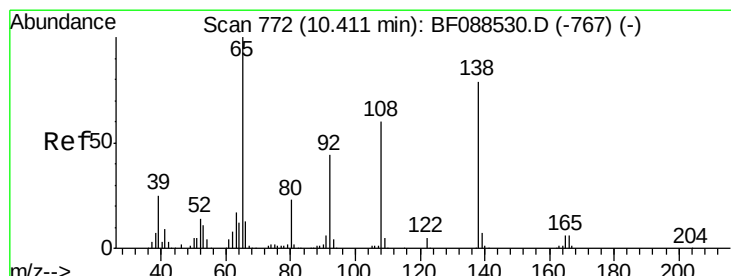
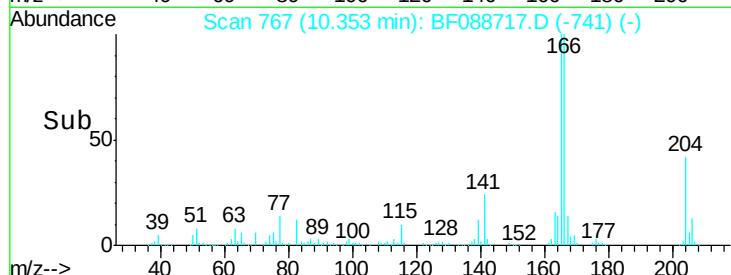
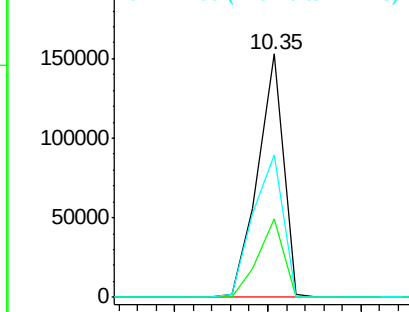
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	58.3	55.0	82.6

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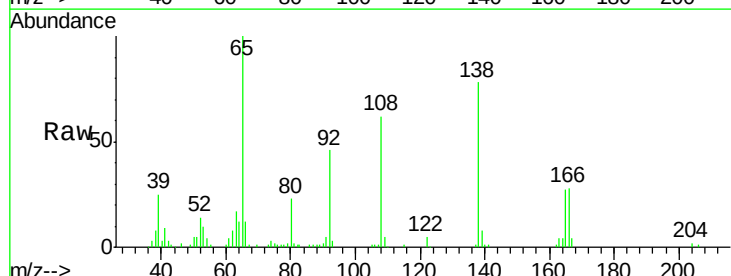


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

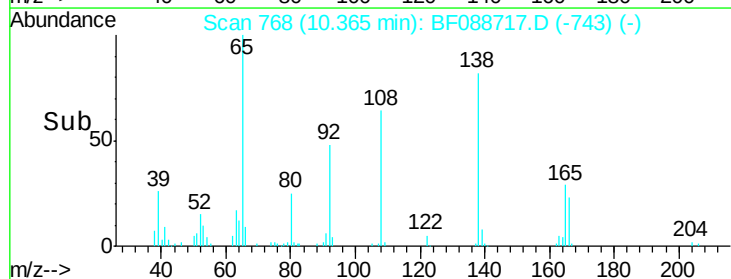
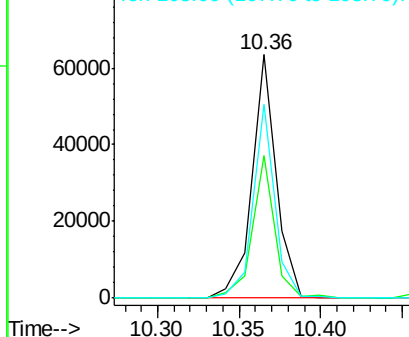


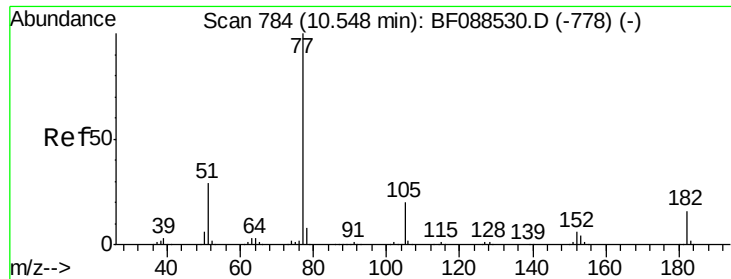
#61
4-Nitroaniline
Concen: 17.91 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.6	27.3	67.3
108	79.3	46.7	86.7



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





#62

Azobenzene

Concen: 25.45 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

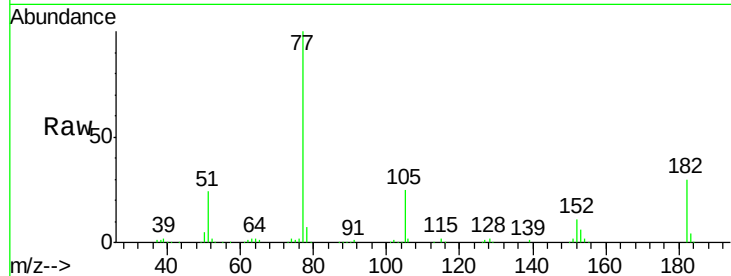
ClientSampleId :

C1.2-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		392538		
182	30.5	4.4	44.4		
105	25.1	3.8	43.8		
51	23.8	9.3	49.3		

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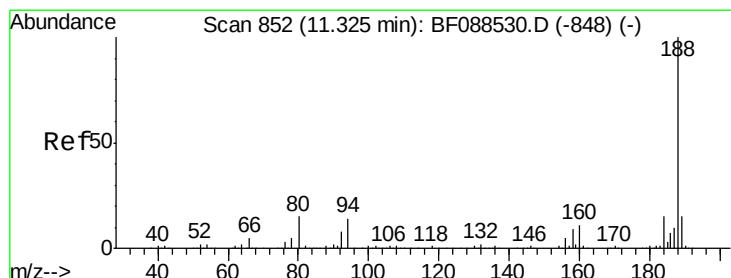
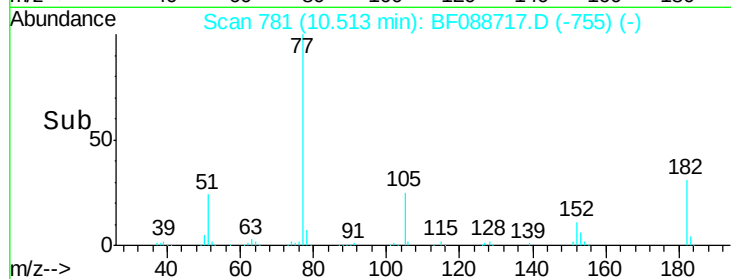
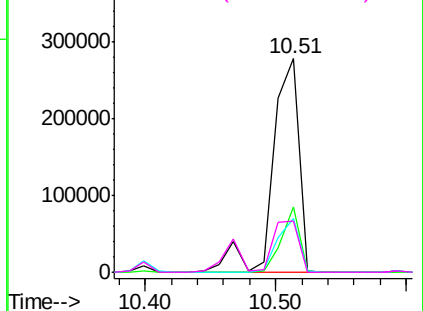


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

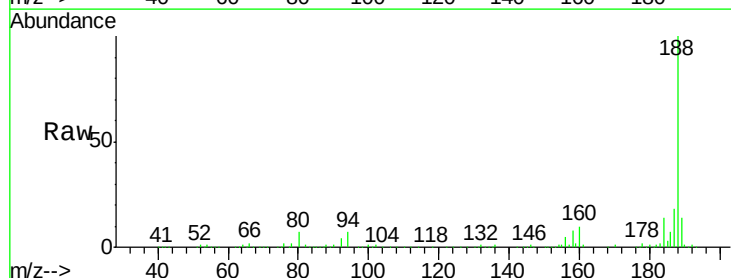
RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

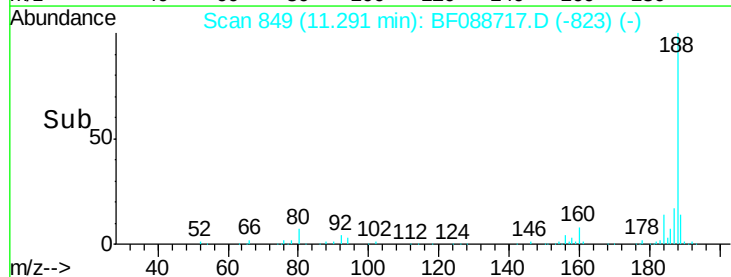
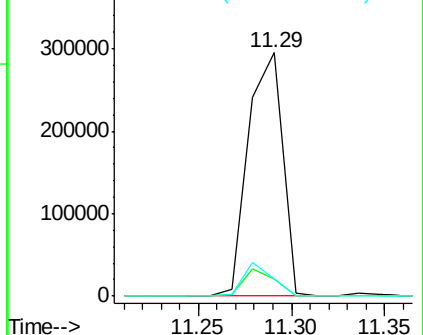
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		376497		
94	6.8	9.0	13.6#		
80	7.0	10.0	15.0#		

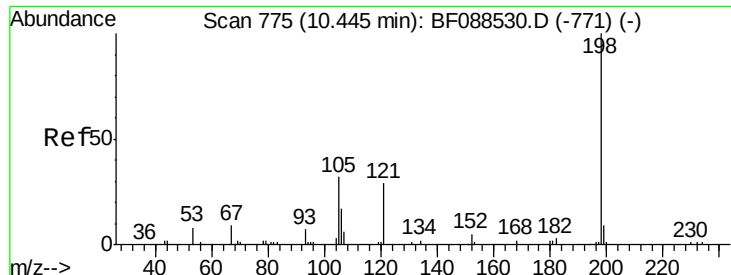


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 11.77 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampled :

C1.2-6MSD

Tot Ion:198 Resp: 23700

Ion Ratio Lower Upper

198 100

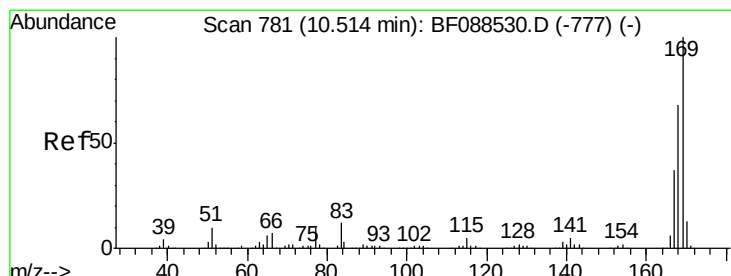
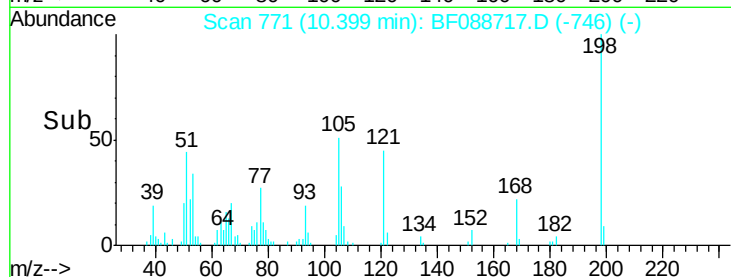
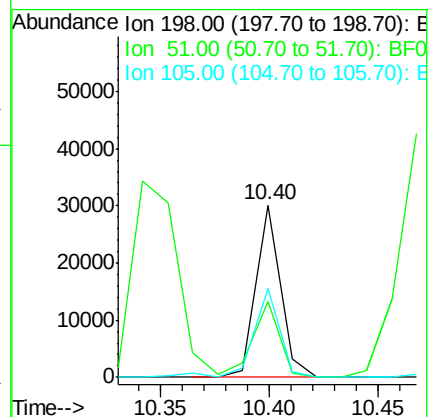
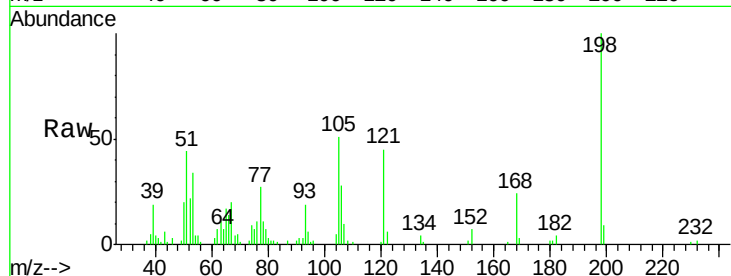
51 44.4 39.6 79.6

105 51.3 36.6 76.6

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#65

n-Nitrosodiphenylamine

Concen: 21.55 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

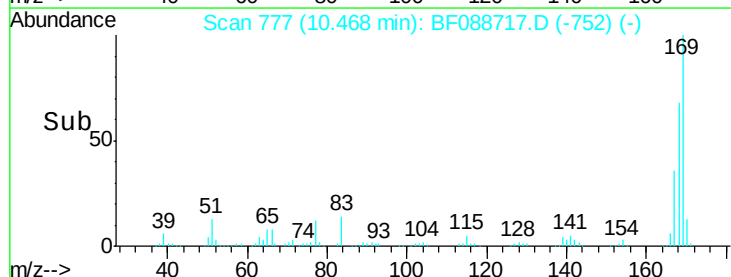
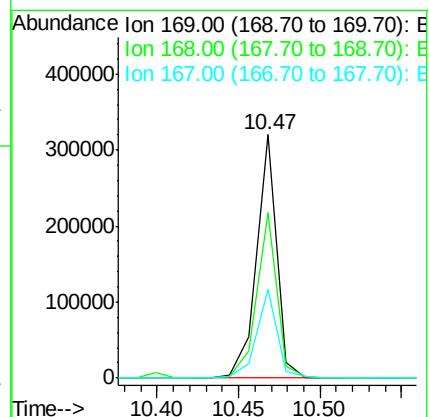
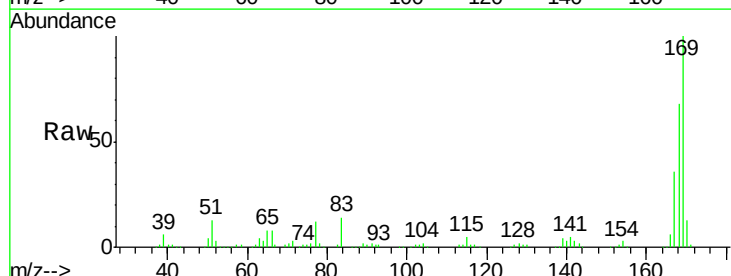
Tgt Ion:169 Resp: 274542

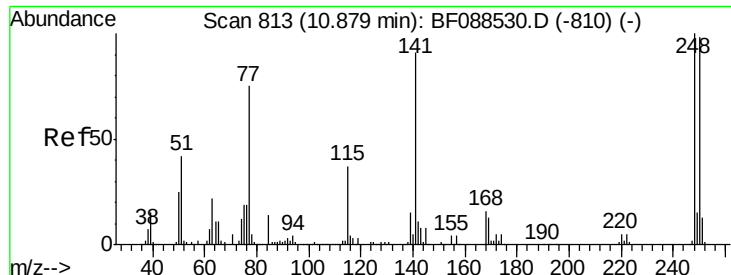
Ion Ratio Lower Upper

169 100

168 67.8 53.4 80.0

167 36.4 29.4 44.0





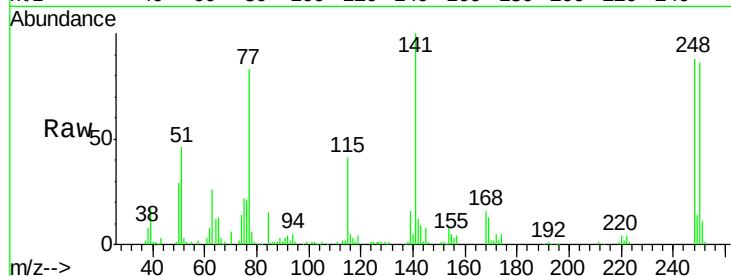
#66
4-Bromophenyl-phenylether
Concen: 21.22 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

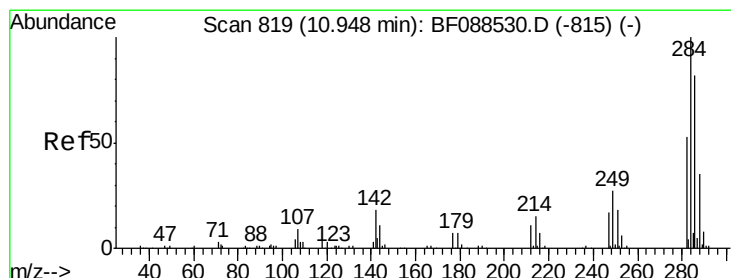
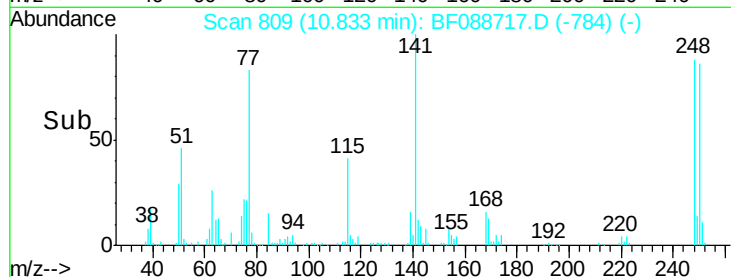
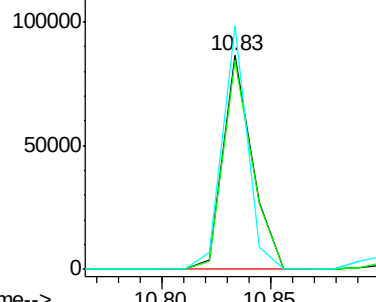
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.1	115.7
141	114.0	50.6	76.0

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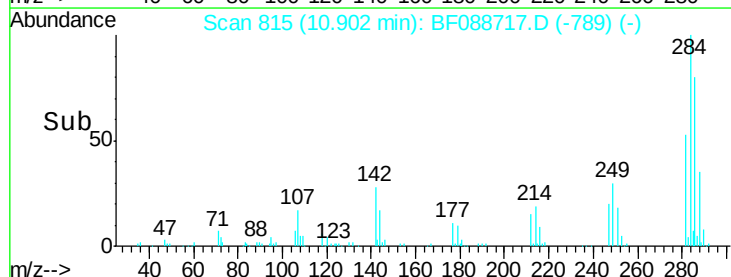
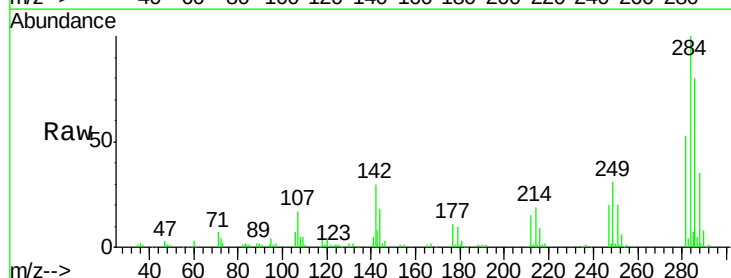
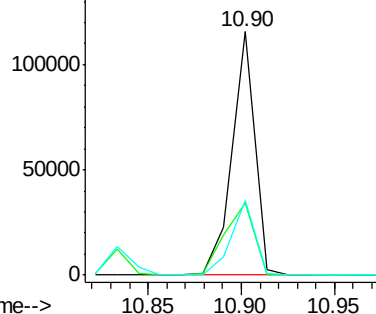
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

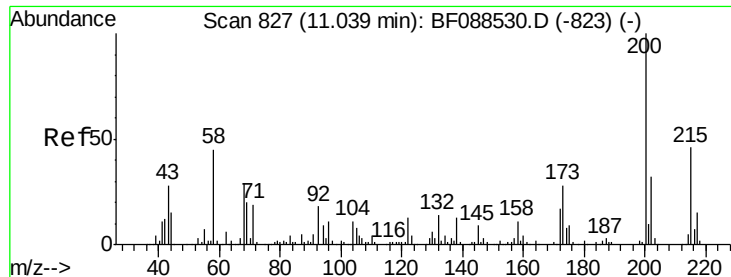


#67
Hexachlorobenzene
Concen: 23.15 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	35.8	53.8
249	30.7	25.8	38.6

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





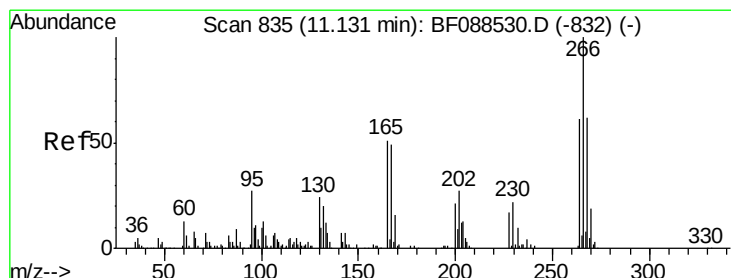
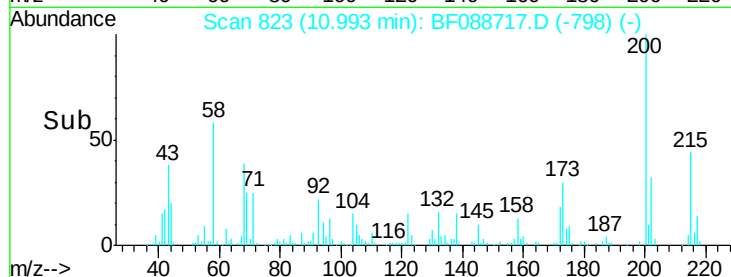
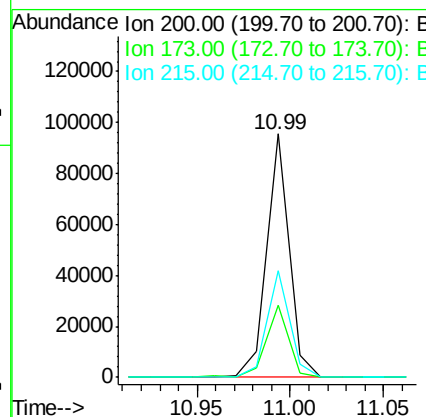
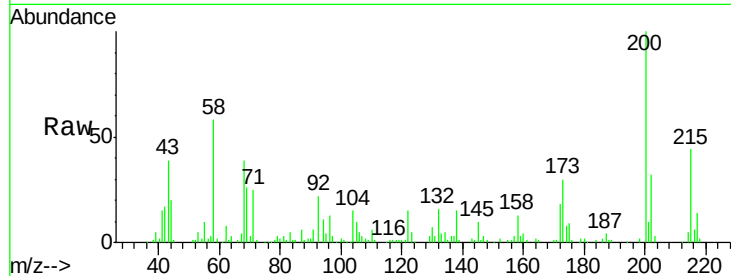
#68
Atrazine
Concen: 19.86 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.7	4.0	44.0
215	44.1	29.3	69.3

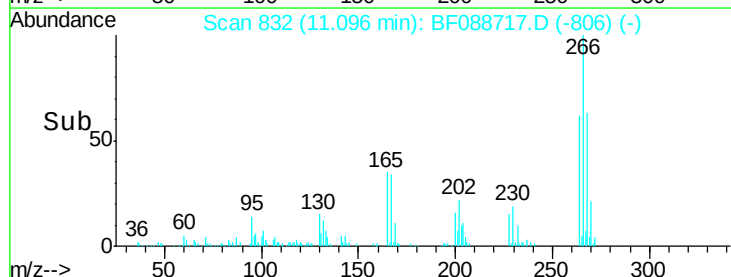
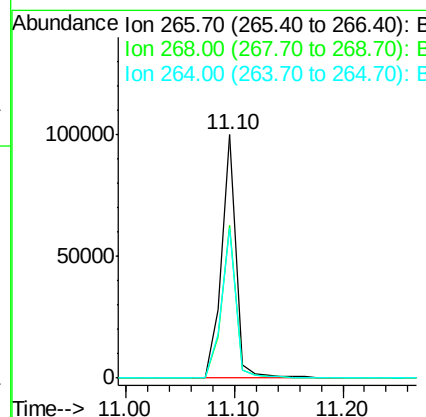
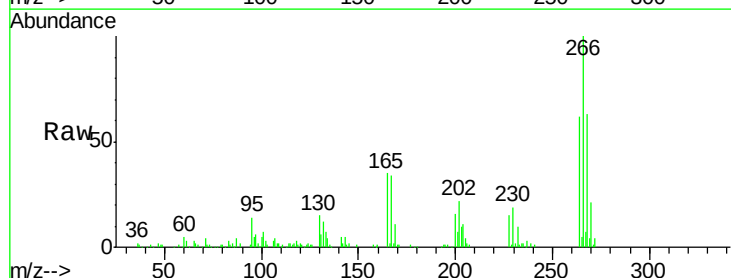
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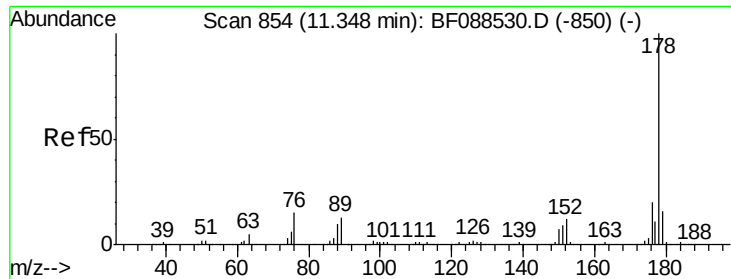
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#69
Pentachlorophenol
Concen: 38.05 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	52.8	79.2
264	61.7	49.6	74.4





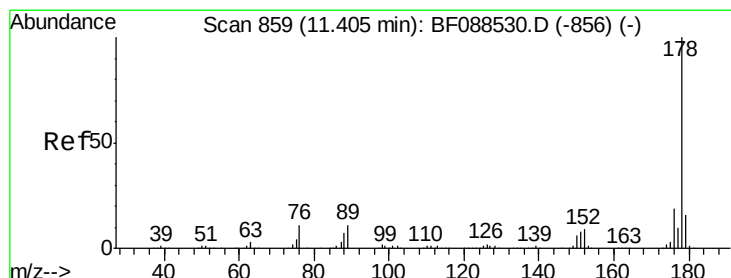
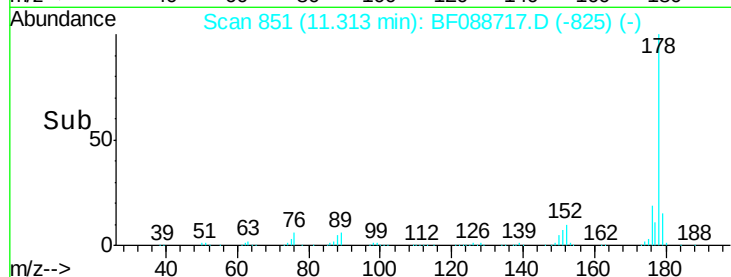
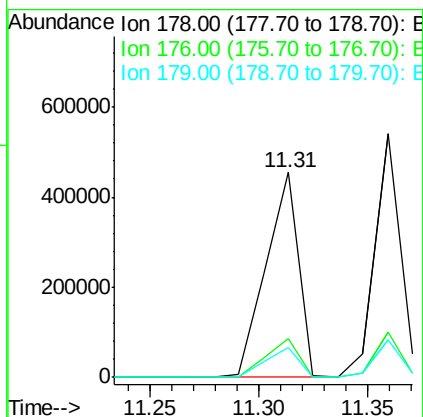
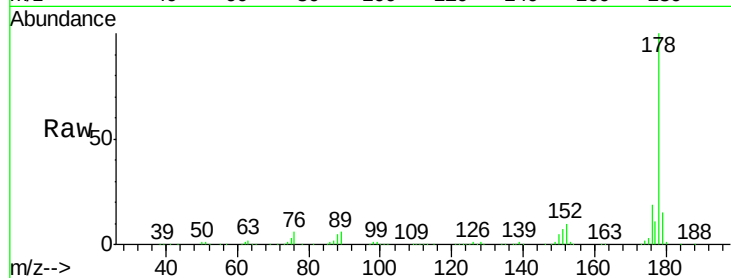
#70
Phenanthrene
Concen: 23.15 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion:178 Resp: 476527
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 14.8 13.0 19.4

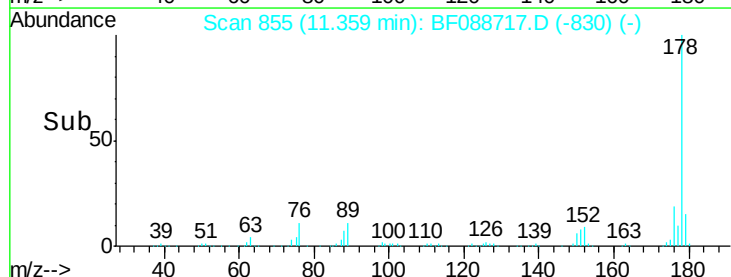
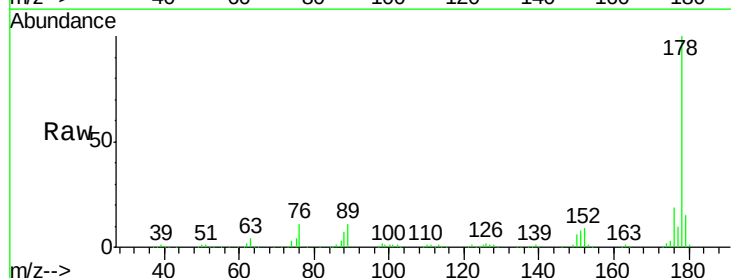
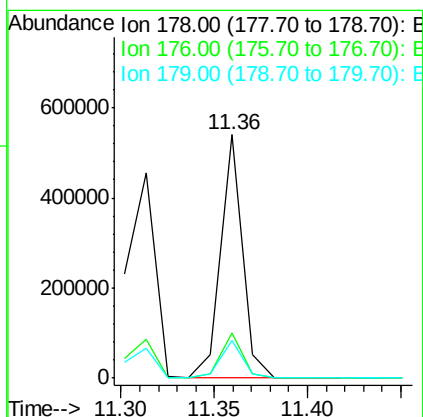
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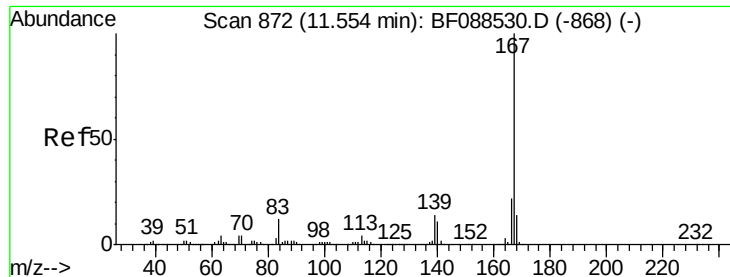
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#71
Anthracene
Concen: 21.71 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion:178 Resp: 444183
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 15.5 12.8 19.2





#72

Carbazole

Concen: 21.53 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

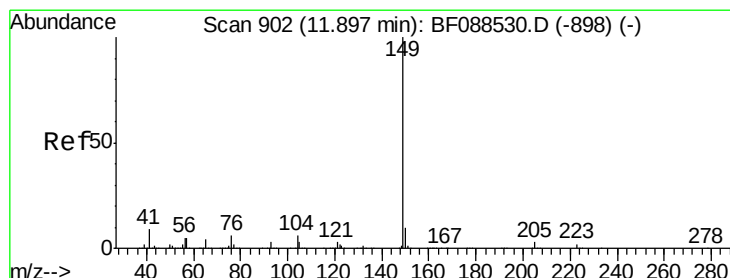
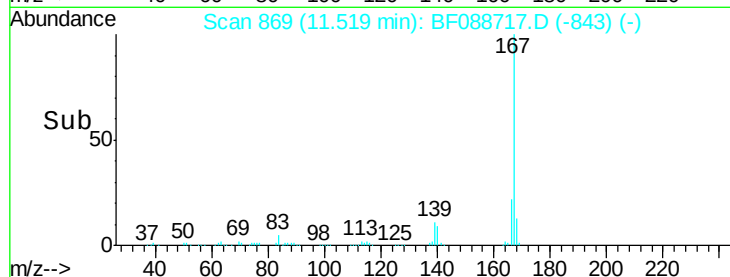
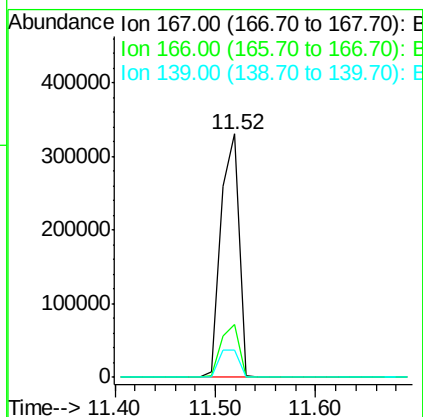
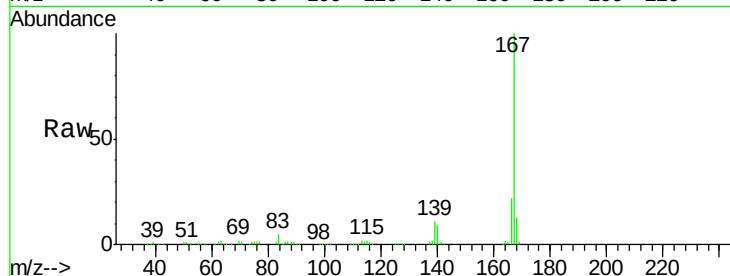
ClientSampleId :

C1.2-6MSD

Tot Ion:	167	Resp:	414633
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.8	26.6
139	11.3	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 22.60 ng

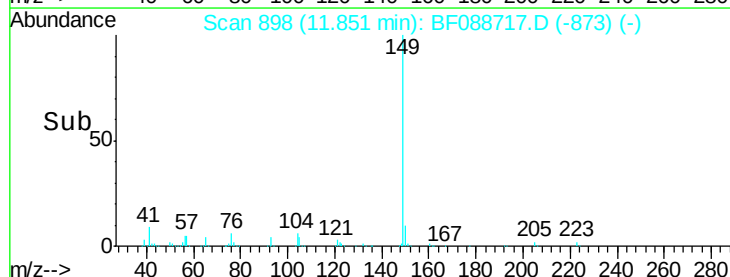
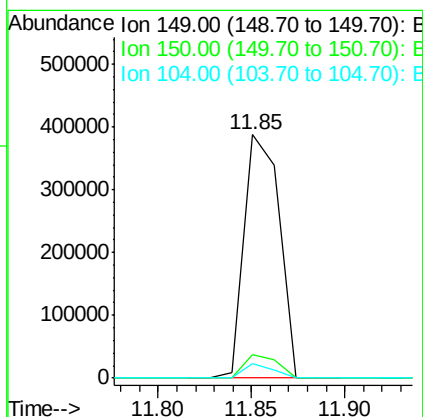
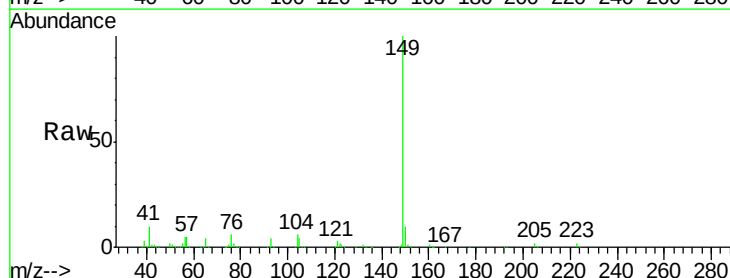
RT: 11.85 min Scan# 898

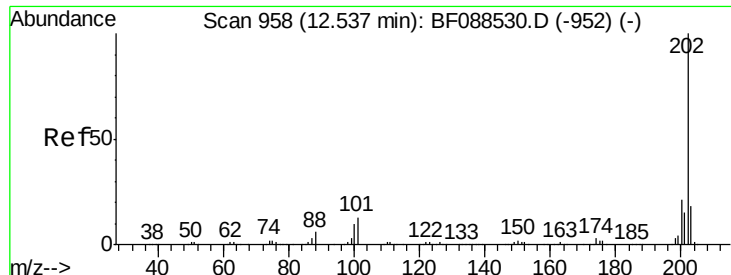
Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:	149	Resp:	506304
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.9	4.0	6.0





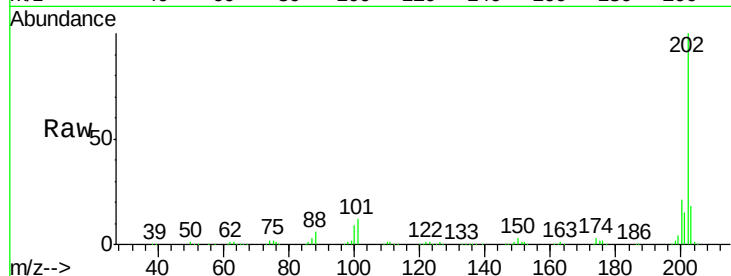
#74
 Fluoranthene
 Concen: 22.43 ng
 RT: 12.49 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

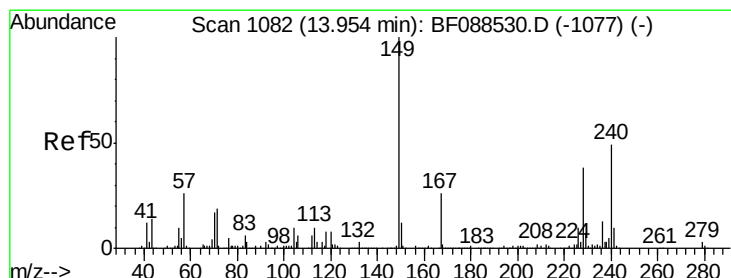
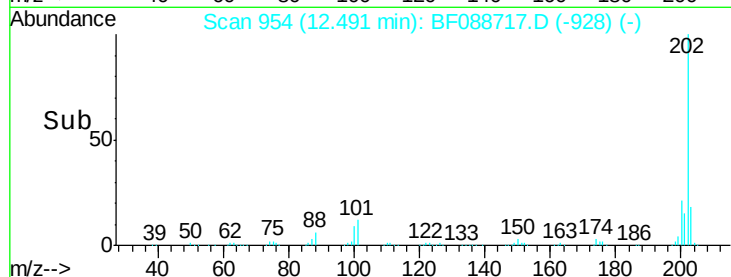
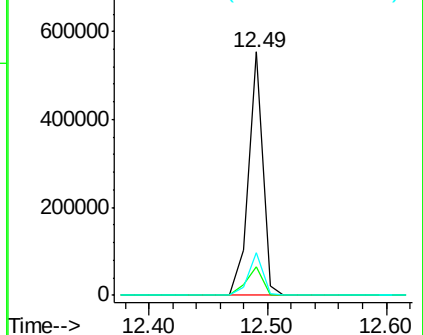
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	33.1
203	17.7	0.0	38.1

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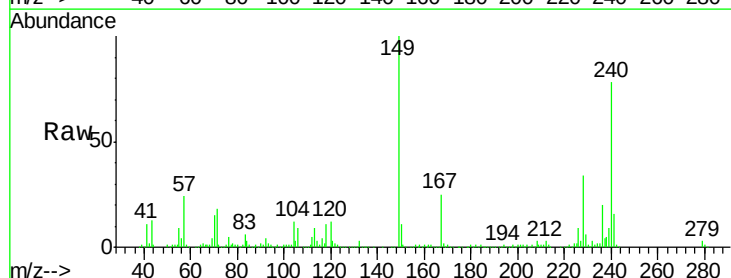


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

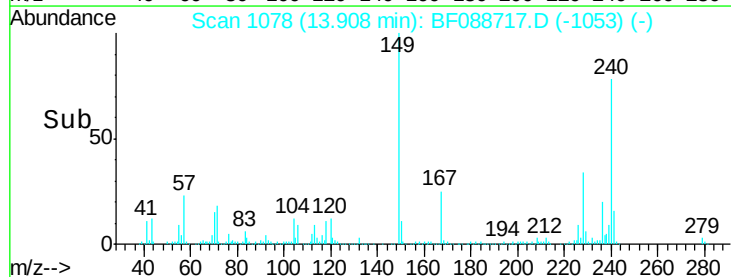
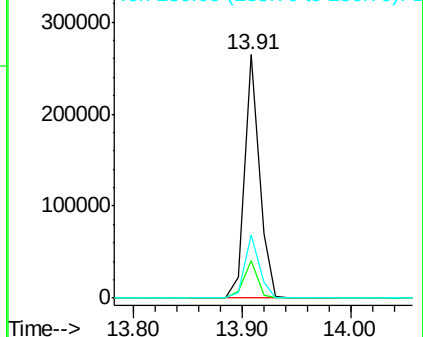


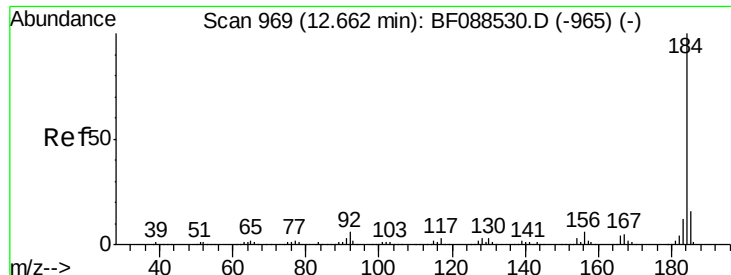
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.2	6.8	10.2#
236	25.8	20.2	30.2



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





#76

Benzidine

Concen: 5.80 ng

RT: 12.62 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

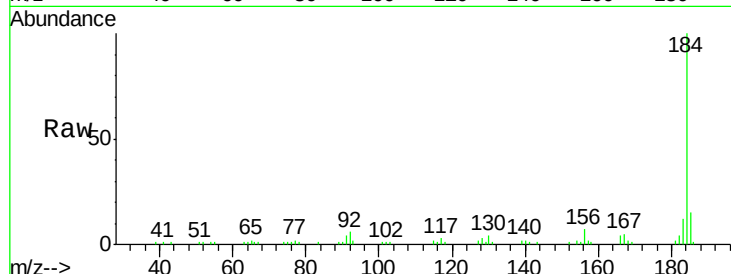
ClientSampleId :

C1.2-6MSD

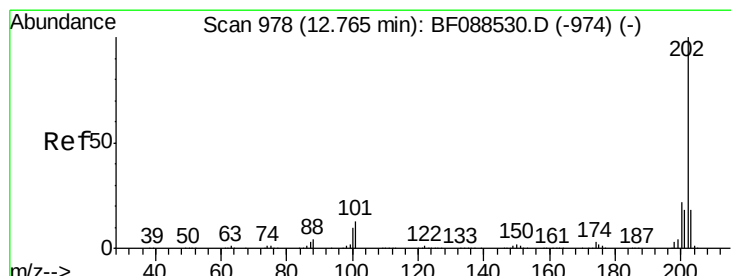
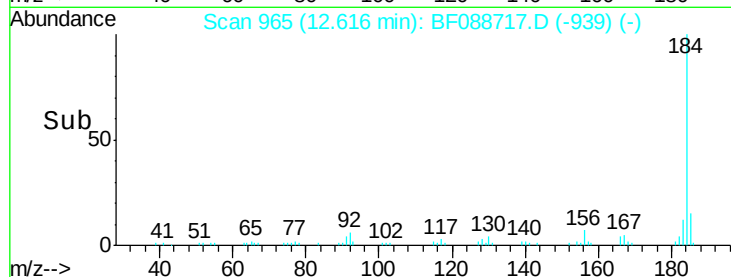
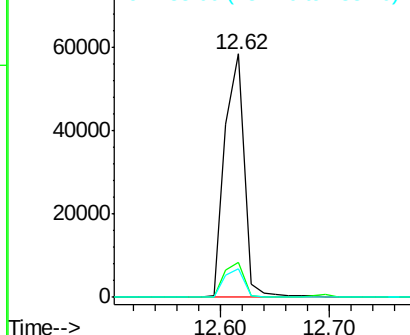
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.5	18.7
183	12.0	9.3	13.9

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



#77

Pyrene

Concen: 22.81 ng

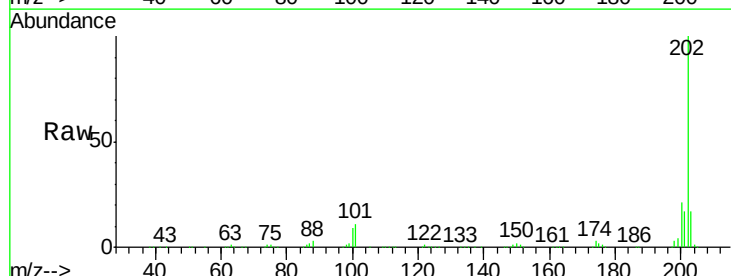
RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

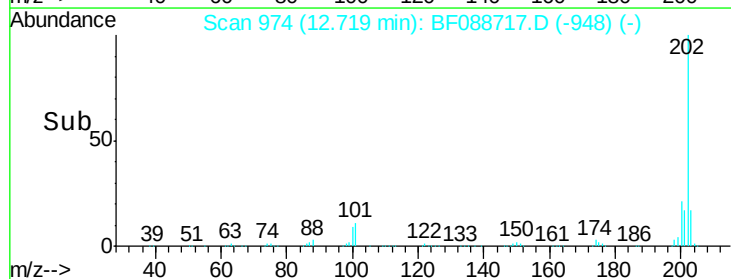
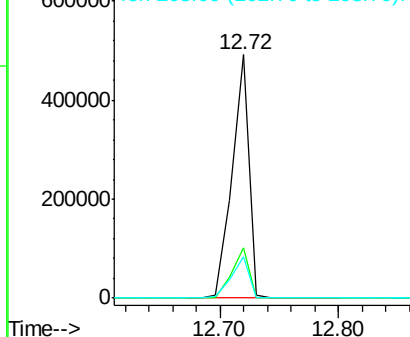
Lab File: BF088717.D

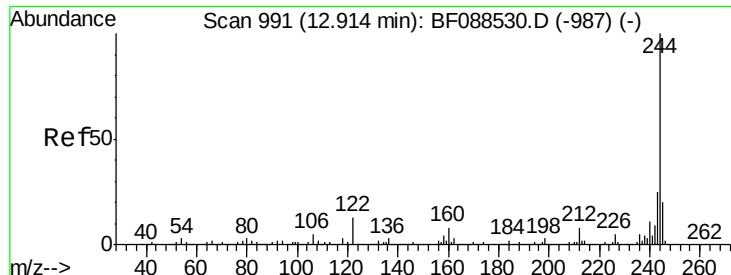
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.1	14.5	21.7



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





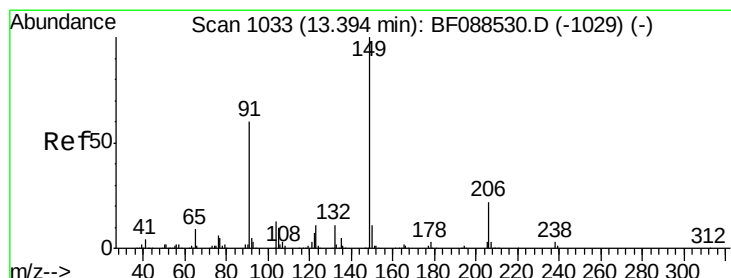
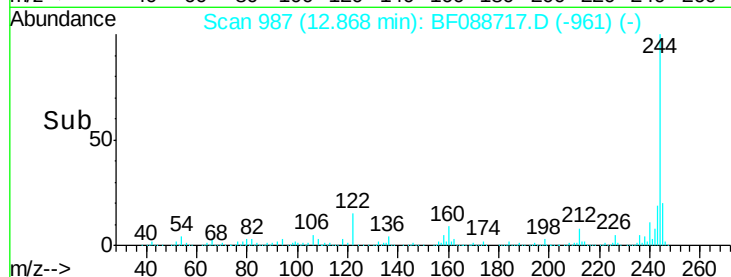
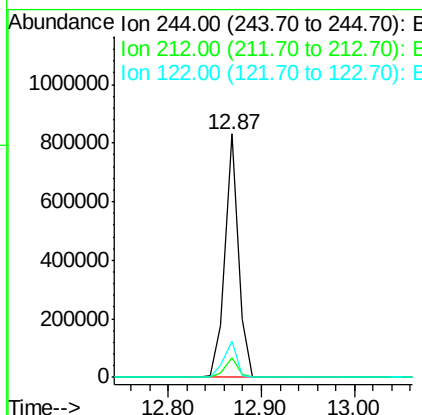
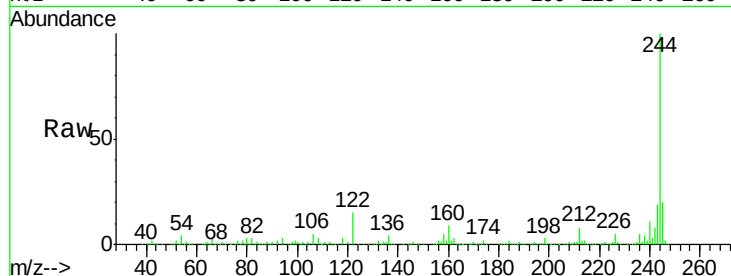
#78
 Terphenyl-d14
 Concen: 74.60 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	14.7	11.2	16.8

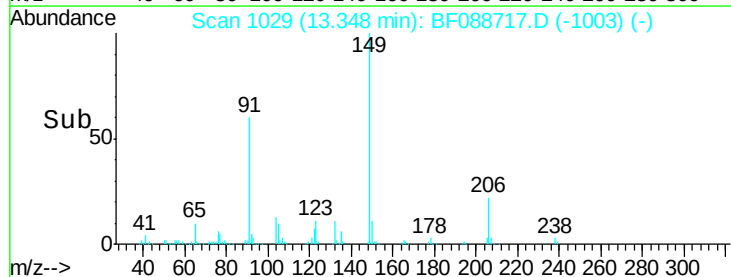
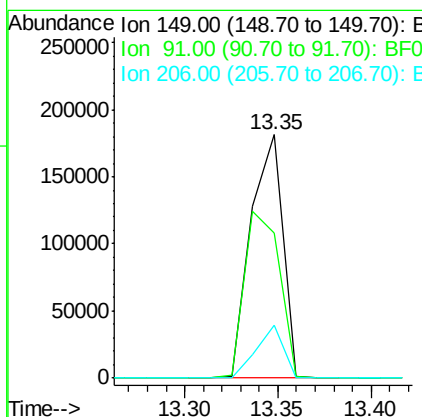
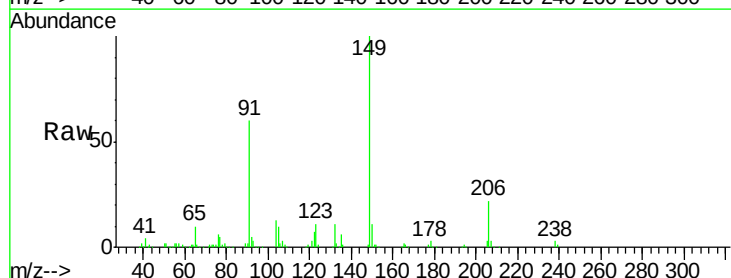
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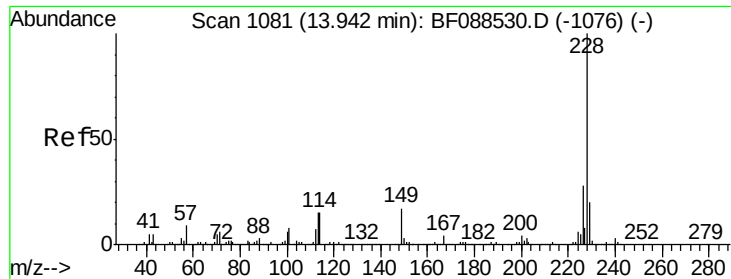
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#79
 Butylbenzylphthalate
 Concen: 22.76 ng
 RT: 13.35 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	59.7	48.0	72.0
206	21.6	16.0	24.0





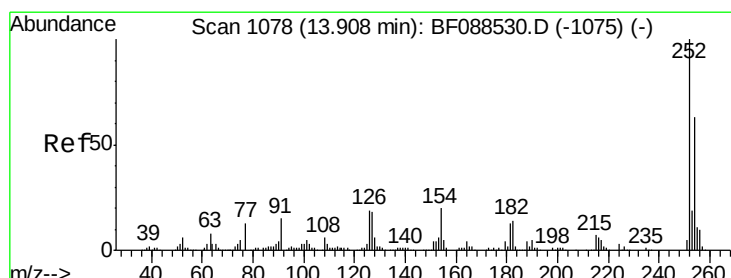
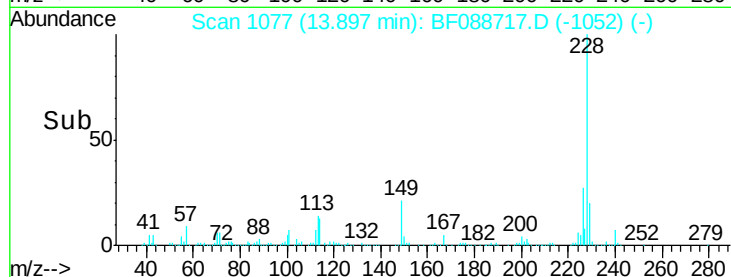
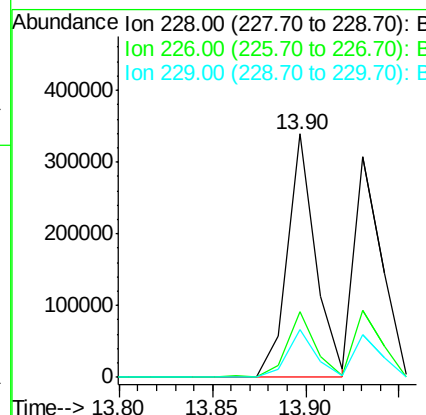
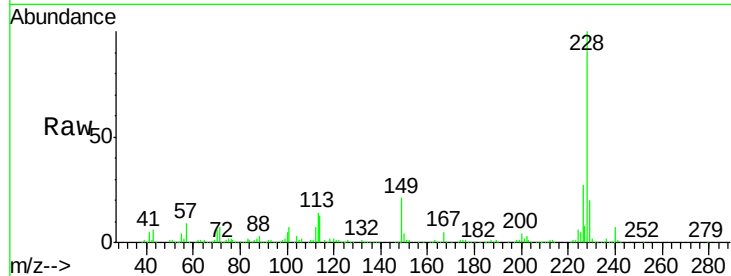
#80
Benzo(a)anthracene
Concen: 22.39 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.1	22.3	33.5		
229	19.6	16.0	24.0		

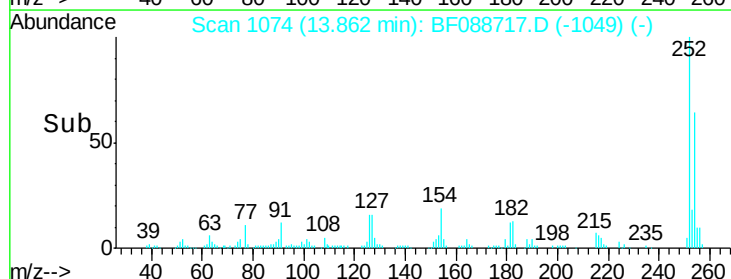
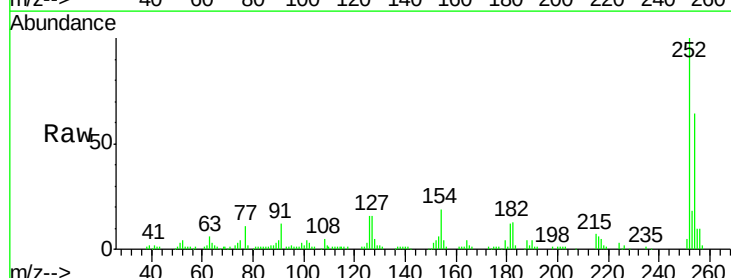
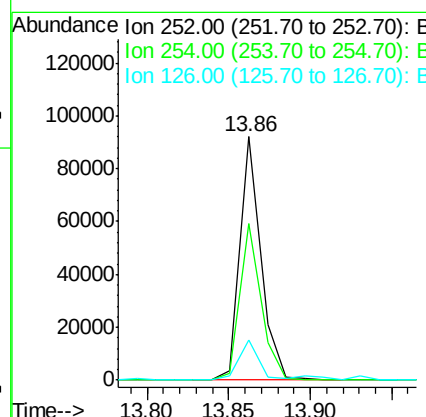
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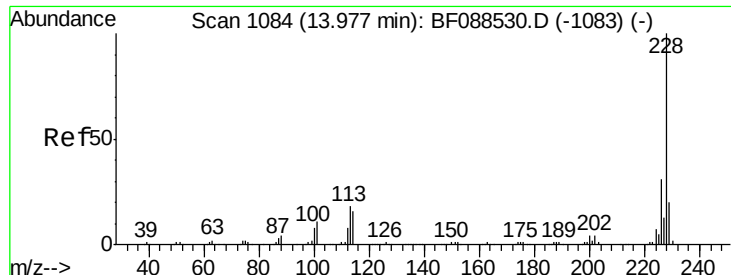
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#81
3,3'-Dichlorobenzidine
Concen: 13.46 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	64.5	52.6	78.8		
126	16.4	6.2	9.2		





#82

Chrysene

Concen: 20.02 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

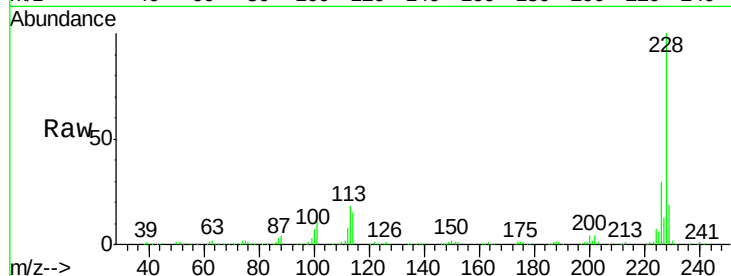
ClientSampleId :

C1.2-6MSD

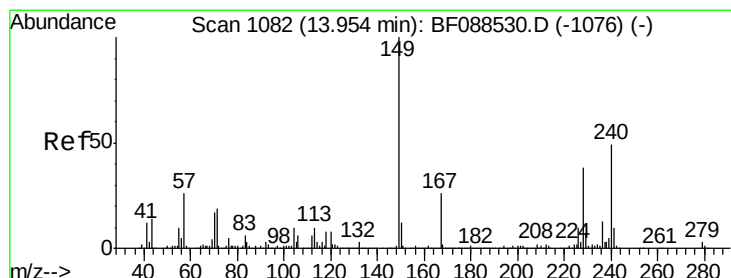
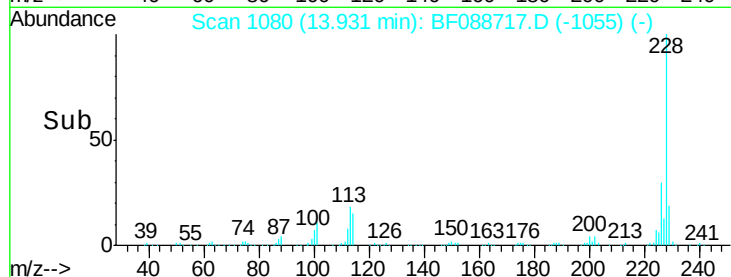
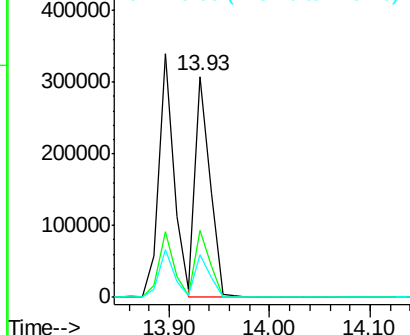
Tot Ion:	228	Resp:	317292
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.4	38.2
229	19.2	16.3	24.5

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 27.53 ng

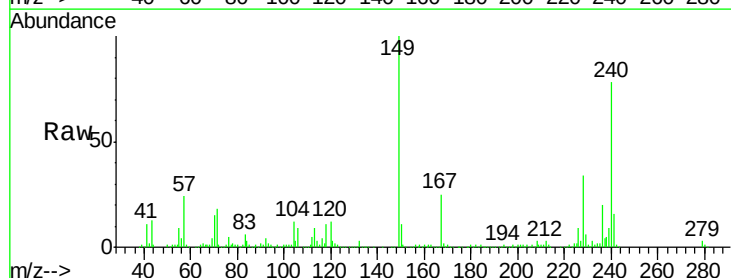
RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

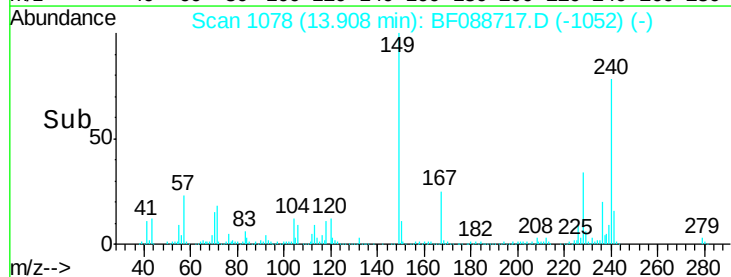
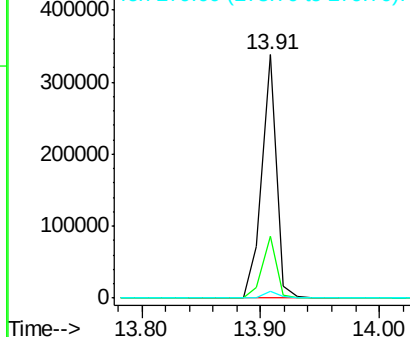
Lab File: BF088717.D

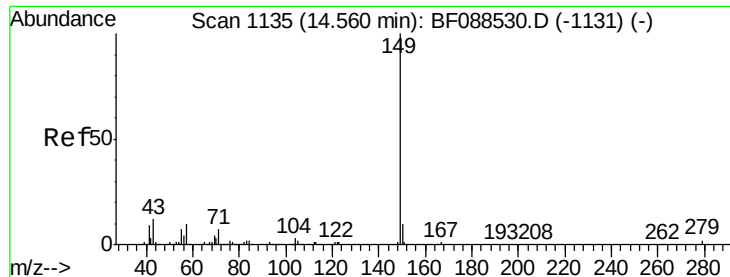
Acq: 5 Jul 2016 22:09

Tgt Ion:	149	Resp:	295768
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.5	30.7
279	3.0	2.0	3.0



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





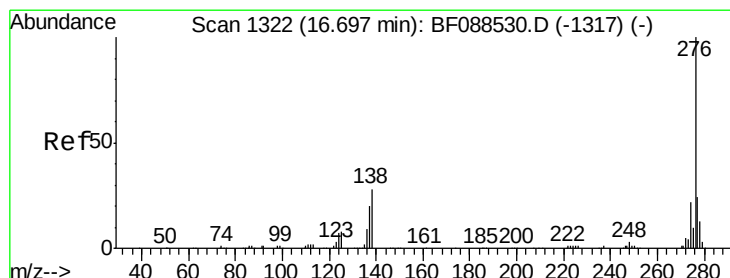
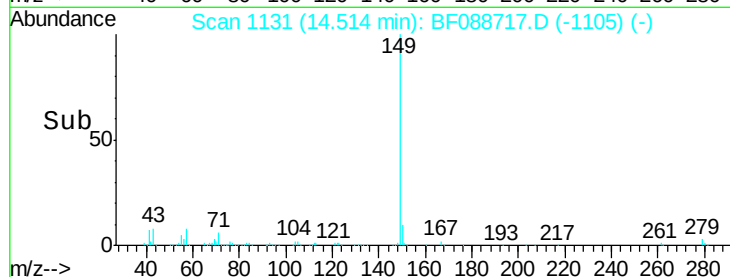
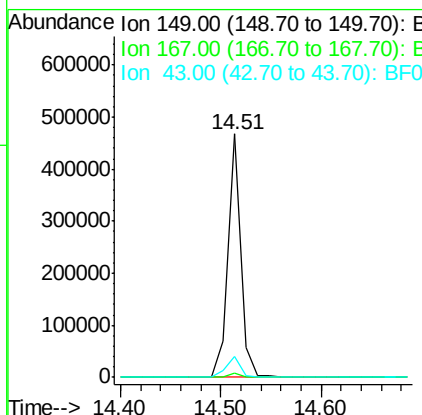
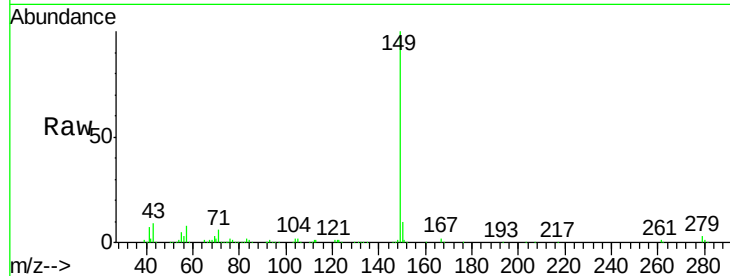
#84
Di-n-octyl phthalate
Concen: 22.61 ng
RT: 14.51 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	412778		
167	1.7	0.0	0.0	0.0
43	9.3	0.0	0.0	0.0

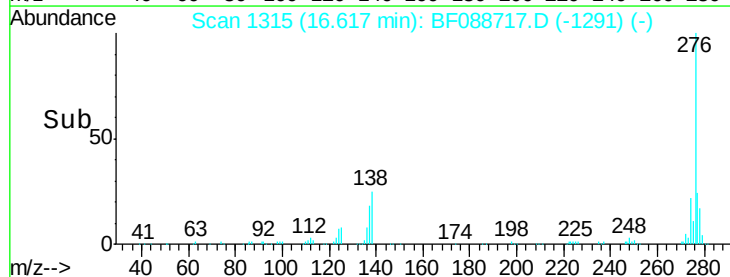
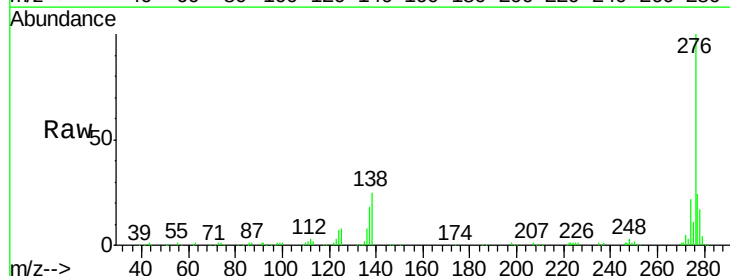
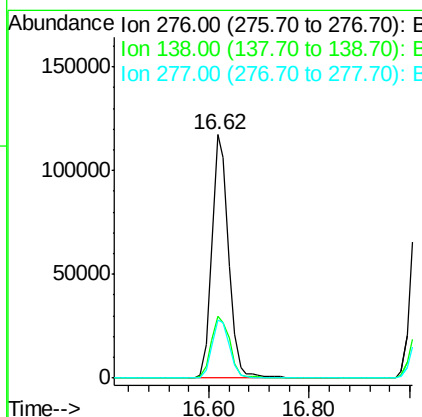
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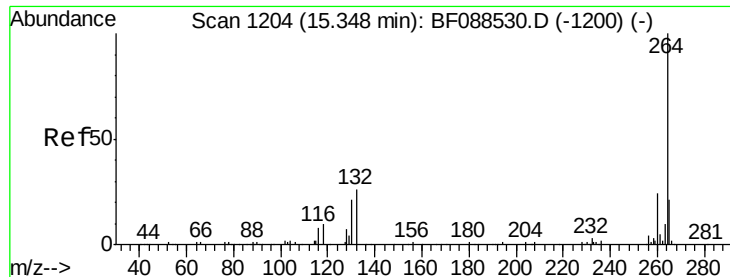
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#85
Indeno(1,2,3-cd)pyrene
Concen: 22.11 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	269612		
138	28.6	0.0	0.0	0.0
277	25.1	0.0	0.0	0.0





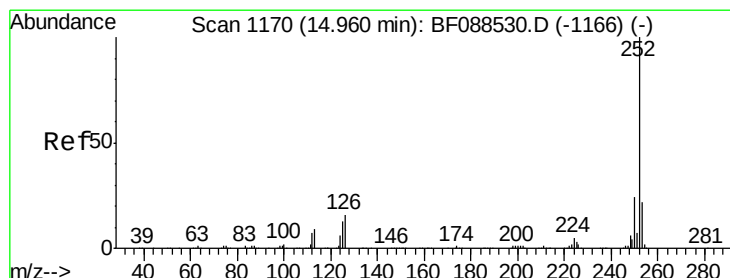
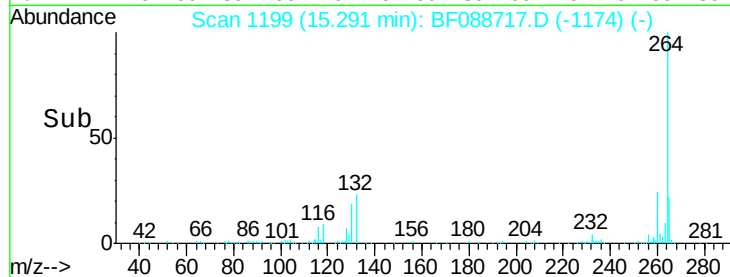
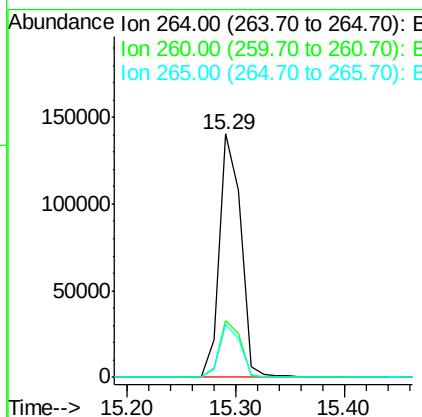
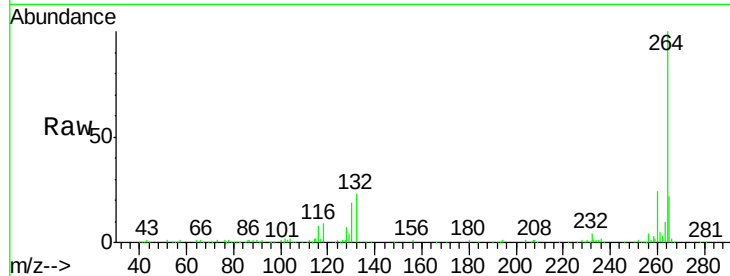
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	16.9	25.3

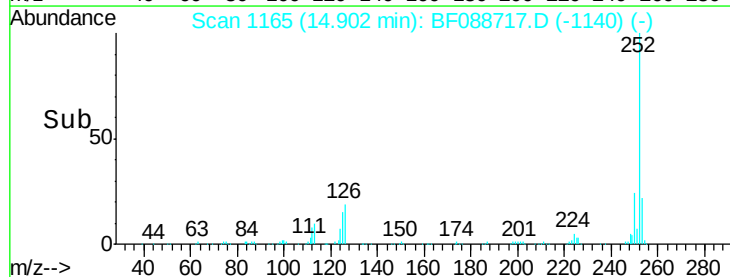
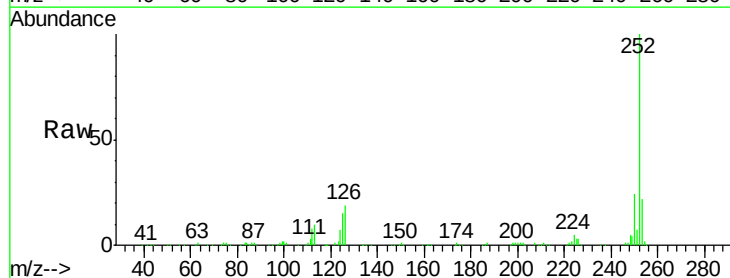
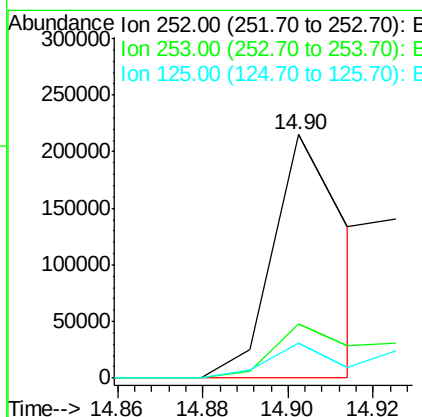
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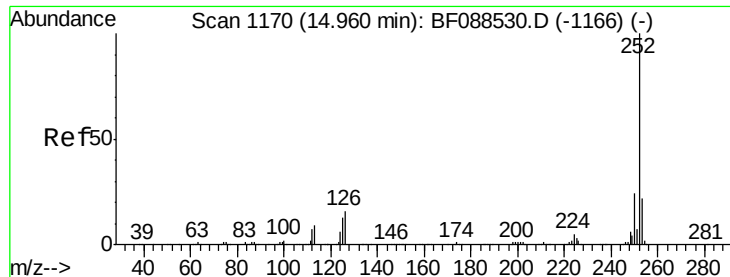
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#87
Benzo(b)fluoranthene
Concen: 21.26 ng m
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	14.6	7.1	10.7#





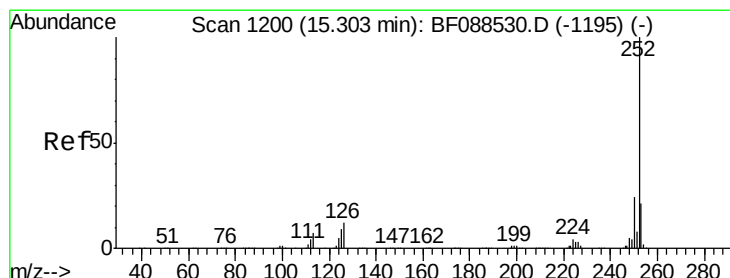
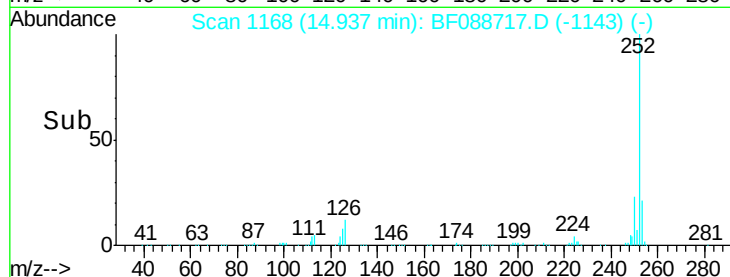
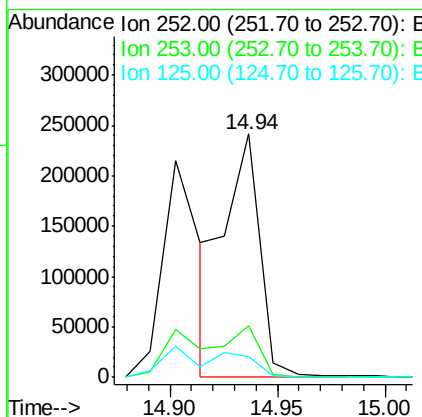
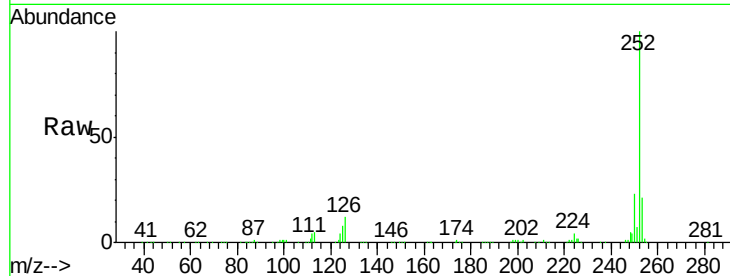
#88
Benzo(k)fluoranthene
Concen: 26.32 ng/ml
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	8.4	11.2	16.8

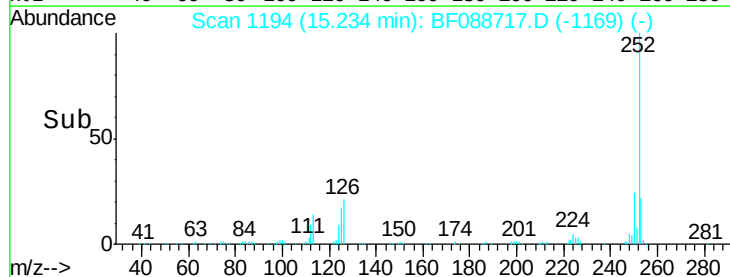
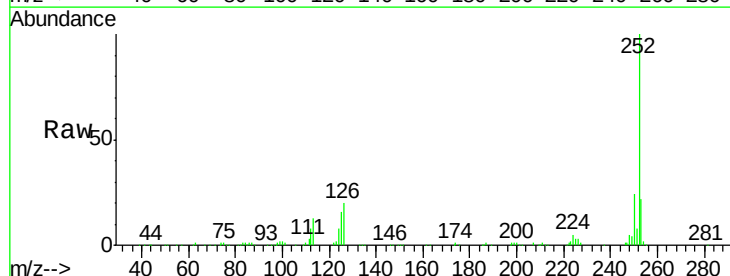
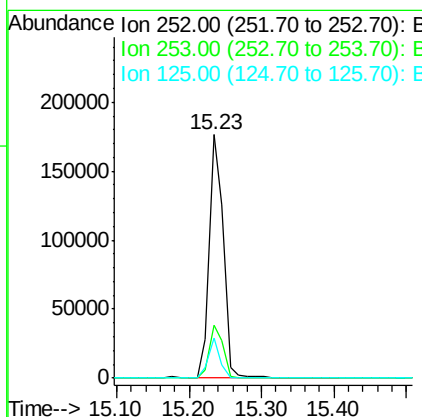
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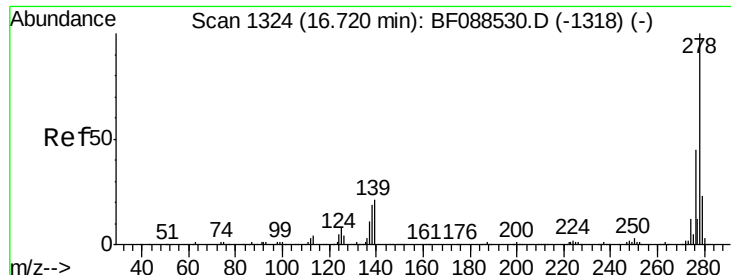
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#89
Benzo(a)pyrene
Concen: 23.31 ng/ml
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	16.3	12.5	18.7





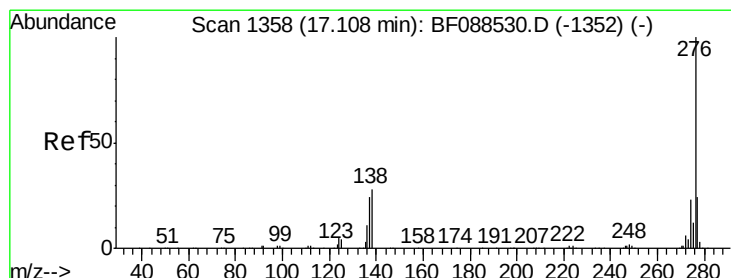
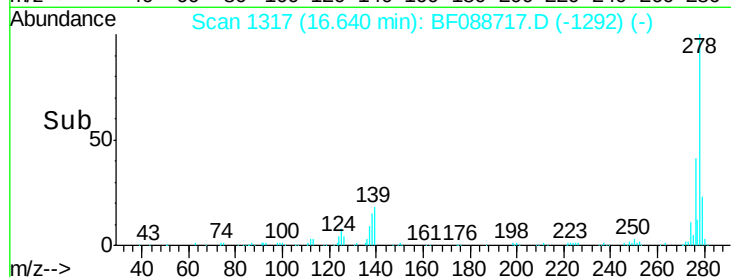
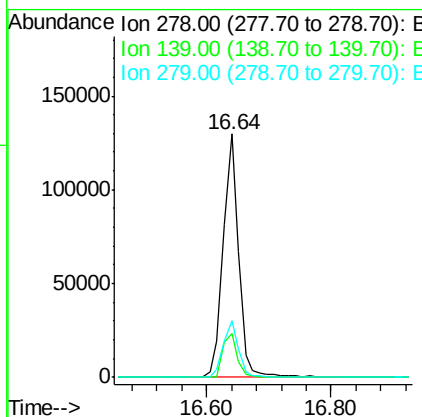
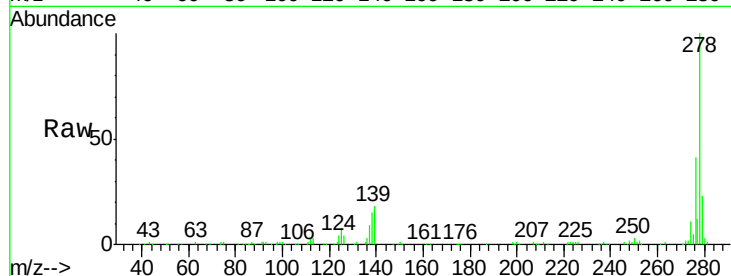
#90
Dibenzo(a,h)anthracene
Concen: 26.34 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.7	23.5
279	23.2	19.4	29.2

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7/6/2016 7:19:30 PM



#91
Benzo(g,h,i)perylene
Concen: 26.18 ng
RT: 17.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	26.4	21.4	32.2

