

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088362.D
 Acq On : 25 Jun 2016 6:46
 Operator : UM/SJ
 Sample : H3731-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Manual Integrations
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Quant Time: Jun 27 02:12:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	72642	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	283927	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	119434	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	188808	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	146394	20.00	ng	-0.03
86) Perylene-d12	15.07	264	116525	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	497928	117.18	ng	0.01
7) Phenol-d6	6.26	99	607108	117.89	ng	0.00
23) Nitrobenzene-d5	7.16	82	422945	86.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	140565	111.46	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	729845	96.76	ng	-0.02
78) Terphenyl-d14	12.67	244	537693	83.58	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	63420	30.72	ng	# 87
3) Pyridine	2.86	79	25517	5.23	ng	95
4) n-Nitrosodimethylamine	2.73	42	28332	13.72	ng	# 84
6) Aniline	6.28	93	34606	4.72	ng	# 1
8) 2-Chlorophenol	6.38	128	106204	21.12	ng	92
9) Benzaldehyde	6.14	77	50636	12.11	ng	99
10) Phenol	6.27	94	113249	19.91	ng	93
11) bis(2-Chloroethyl)ether	6.33	93	107439	23.79	ng	87
12) 1,3-Dichlorobenzene	6.52	146	99906m	18.51	ng	
13) 1,4-Dichlorobenzene	6.60	146	108752	20.01	ng	96
14) 1,2-Dichlorobenzene	6.75	146	111184	22.49	ng	95
15) Benzyl Alcohol	6.75	79	76775	19.06	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	111658	18.30	ng	# 25
17) 2-Methylphenol	6.88	107	73091	17.92	ng	# 85
18) Hexachloroethane	7.08	117	34539	17.91	ng	# 82
19) n-Nitroso-di-n-propylamine	7.02	70	74073	22.48	ng	# 82
20) 3+4-Methylphenols	7.04	107	95208	20.01	ng	# 81
22) Acetophenone	7.00	105	155427	24.50	ng	# 97
24) Nitrobenzene	7.18	77	98650	20.95	ng	87
25) Isophorone	7.42	82	196157	21.78	ng	99
26) 2-Nitrophenol	7.50	139	55884	22.15	ng	# 85
27) 2,4-Dimethylphenol	7.55	122	93897	20.21	ng	97
28) bis(2-Chloroethoxy)methane	7.63	93	126202	22.59	ng	# 95
29) 2,4-Dichlorophenol	7.75	162	87044	22.44	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	89851	21.28	ng	99
31) Naphthalene	7.90	128	338935	24.12	ng	98
32) Benzoic acid	7.70	122	36101	14.11	ng	92
33) 4-Chloroaniline	7.96	127	45029	7.18	ng	97
34) Hexachlorobutadiene	8.01	225	47700	21.42	ng	99
35) Caprolactam	8.33	113	21245	16.54	ng	# 67
36) 4-Chloro-3-methylphenol	8.46	107	88352	21.30	ng	92
37) 2-Methylnaphthalene	8.58	142	210491	22.73	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	83201	22.75	ng	# 1
42) 2,4,6-Trichlorophenol	8.88	196	50357	21.08	ng	98

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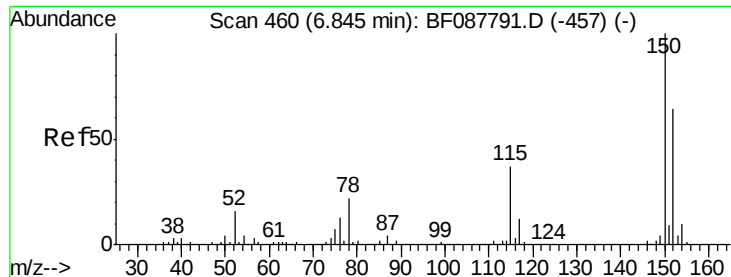
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.92	196	56875	22.89	ng	# 94
45) 1,1'-Biphenyl	9.05	154	249191	25.05	ng	96
46) 2-Chloronaphthalene	9.07	162	192048	24.85	ng	93
47) 2-Nitroaniline	9.19	65	50320	22.07	ng	# 62
48) Acenaphthylene	9.47	152	281659	22.91	ng	99
49) Dimethylphthalate	9.36	163	224411	25.94	ng	98
50) 2,6-Dinitrotoluene	9.42	165	45864	23.15	ng	# 59
51) Acenaphthene	9.64	154	167685	21.87	ng	99
52) 3-Nitroaniline	9.60	138	28925	12.65	ng	85
53) 2,4-Dinitrophenol	9.72	184	15599	19.66	ng	87
54) Dibenzofuran	9.82	168	248391	23.52	ng	# 80
55) 4-Nitrophenol	9.79	139	33175m	18.70	ng	
56) 2,4-Dinitrotoluene	9.83	165	58718	23.06	ng	# 71
57) Fluorene	10.16	166	197782	25.63	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.95	232	46880	24.01	ng	# 61
59) Diethylphthalate	10.04	149	210934	24.09	ng	96
60) 4-Chlorophenyl-phenylether	10.16	204	89086	25.36	ng	97
61) 4-Nitroaniline	10.20	138	40756	18.79	ng	95
62) Azobenzene	10.32	77	203986	23.55	ng	94
64) 4,6-Dinitro-2-methylphenol	10.24	198	8632	9.16	ng	83
65) n-Nitrosodiphenylamine	10.28	169	175535	28.02	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	52258	25.80	ng	# 77
67) Hexachlorobenzene	10.71	284	51322	24.39	ng	# 82
68) Atrazine	10.81	200	42063	22.17	ng	90
69) Pentachlorophenol	10.91	266	57701	52.01	ng	97
70) Phenanthrene	11.12	178	237875	24.01	ng	98
71) Anthracene	11.16	178	266910	26.71	ng	98
72) Carbazole	11.34	167	228782	24.46	ng	97
73) Di-n-butylphthalate	11.67	149	315737	26.67	ng	# 98
74) Fluoranthene	12.30	202	237649	22.73	ng	98
76) Benzidine	12.43	184	60115	14.83	ng	99
77) Pyrene	12.52	202	235655	21.69	ng	97
79) Butylbenzylphthalate	13.15	149	112014	23.32	ng	90
80) Benzo(a)anthracene	13.70	228	196281	23.53	ng	98
81) 3,3'-Dichlorobenzidine	13.68	252	66198	29.51	ng	# 97
82) Chrysene	13.75	228	209533	26.70	ng	96
83) Bis(2-ethylhexyl)phthalate	13.71	149	145935	24.96	ng	# 97
84) Di-n-octyl phthalate	14.32	149	283786	29.87	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.32	276	144554	19.82	ng	# 100
87) Benzo(b)fluoranthene	14.71	252	169038m	20.81	ng	
88) Benzo(k)fluoranthene	14.73	252	183798m	30.00	ng	
89) Benzo(a)pyrene	15.03	252	158058	24.05	ng	# 94
90) Dibenzo(a,h)anthracene	16.32	278	121476	19.90	ng	97
91) Benzo(g,h,i)perylene	16.70	276	115068	18.33	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF088362.D

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Instrument :

BNA_F

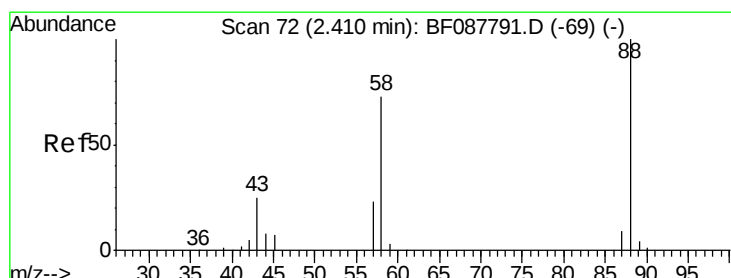
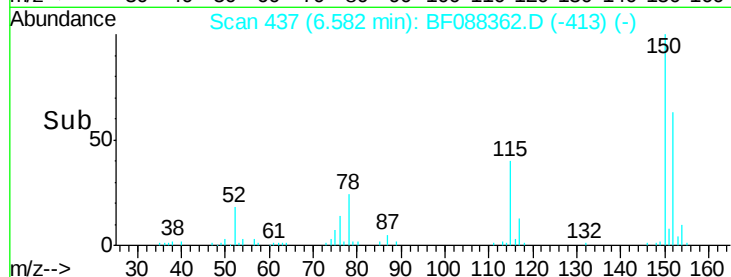
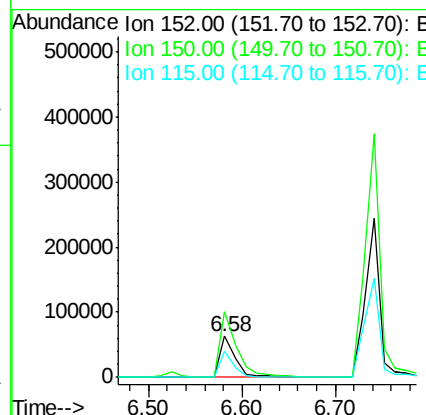
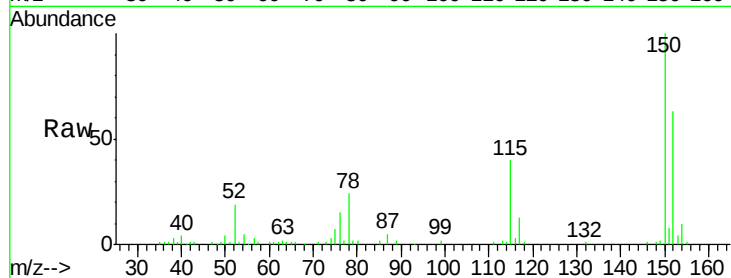
ClientSampleId :

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Tgt Ion:	152	Resp:	72642
Ion Ratio	Lower	Upper	
152	100		
150	159.4	123.8	185.6
115	63.6	39.6	59.4

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#2

1,4-Dioxane

Concen: 30.72 ng

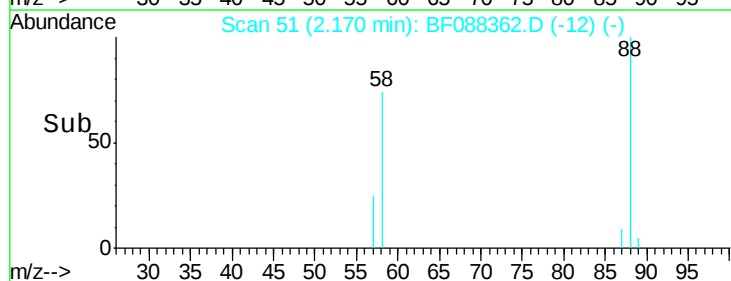
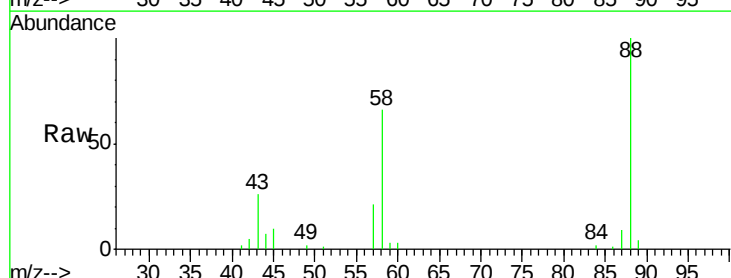
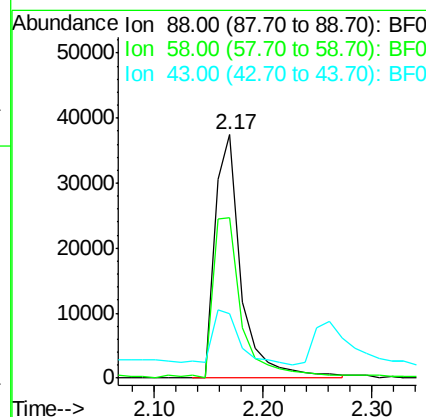
RT: 2.17 min Scan# 51

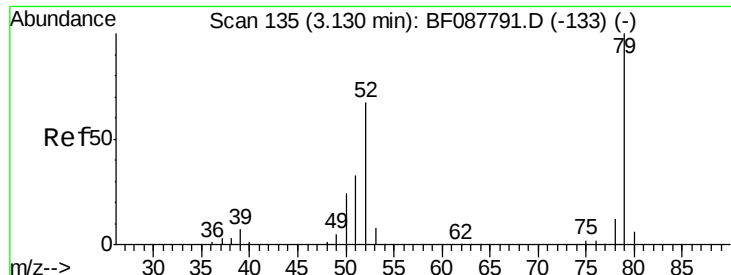
Delta R.T. 0.15 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	88	Resp:	63420
Ion Ratio	Lower	Upper	
88	100		
58	73.7	0.0	0.0
43	0.0	3.4	5.2





#3

Pyridine

Concen: 5.23 ng

RT: 2.86 min Scan# 111

Delta R.T. 0.18 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

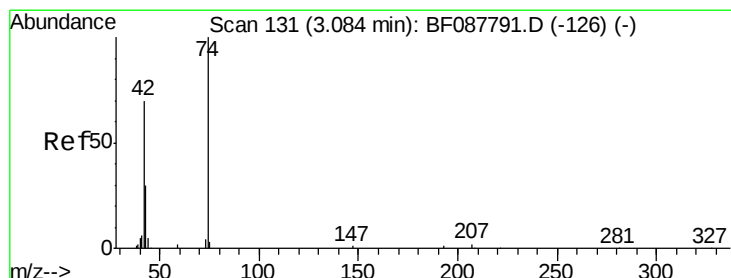
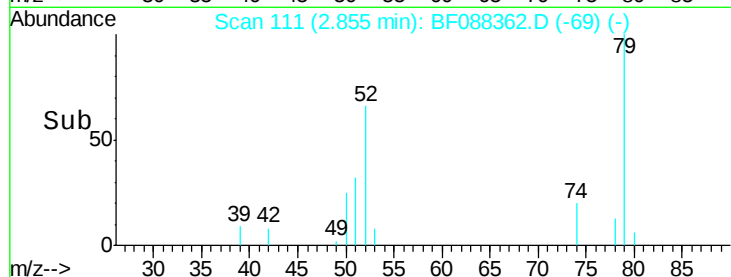
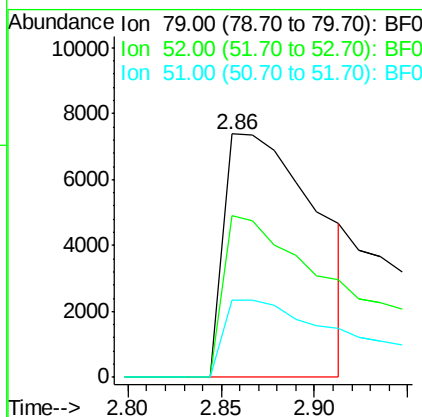
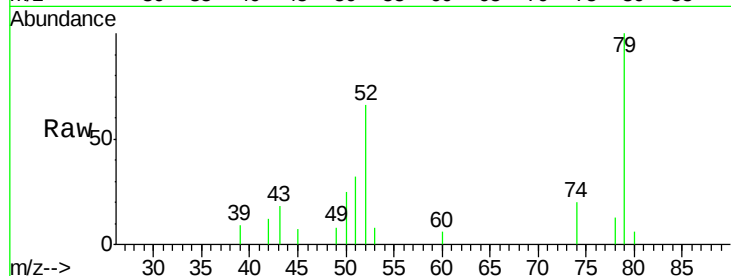
ClientSampleId :

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Tgt Ion:	79	Resp:	25517
Ion	Ratio	Lower	Upper
79	100		
52	66.3	56.3	84.5
51	31.6	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 13.72 ng

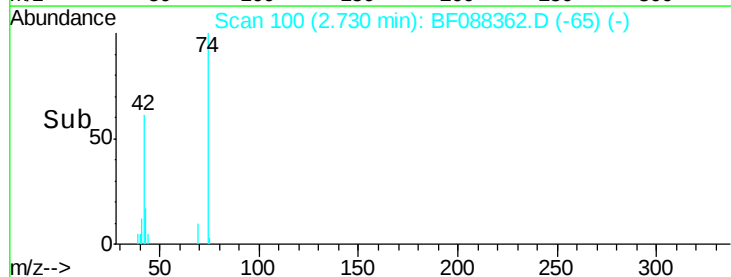
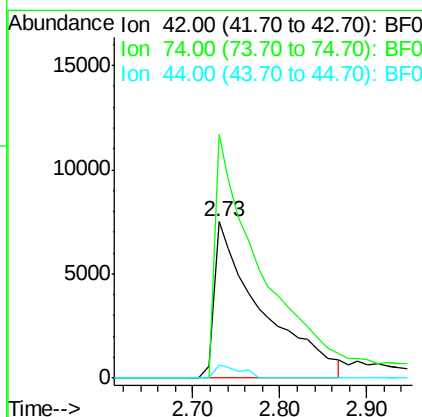
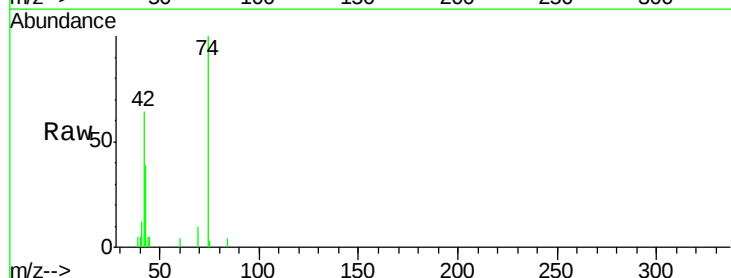
RT: 2.73 min Scan# 100

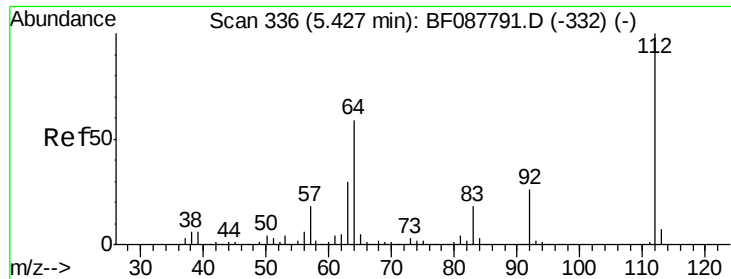
Delta R.T. 0.10 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	42	Resp:	28332
Ion	Ratio	Lower	Upper
42	100		
74	156.0	108.6	163.0
44	8.5	5.5	8.3#





#5

2-Fluorophenol

Concen: 117.18 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF088362.D

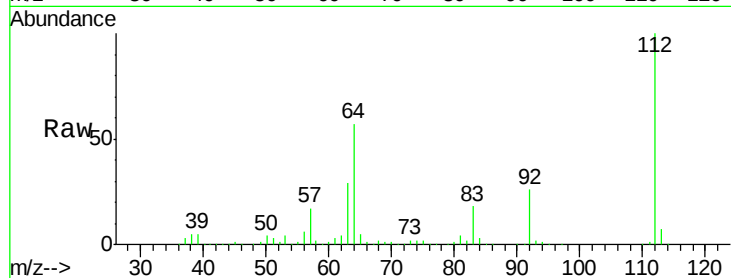
Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

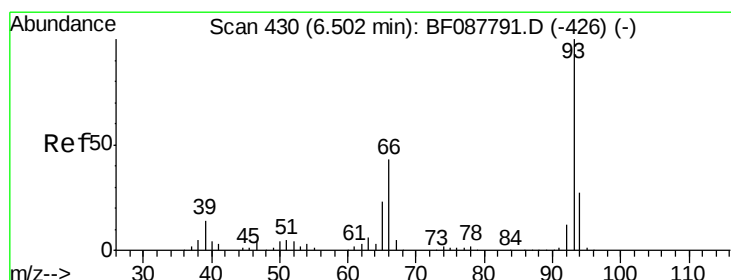
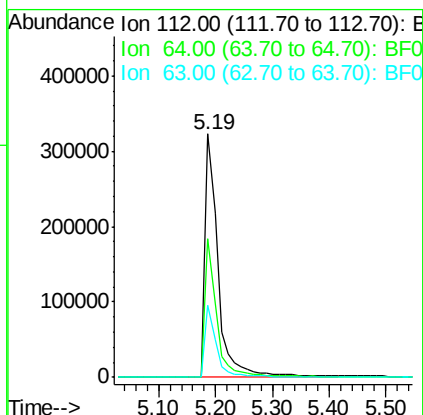
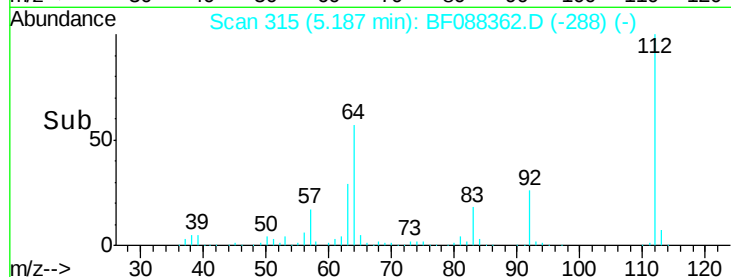
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	497928		
64	56.9	42.2	63.2	
63	29.4	21.8	32.8	

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#6

Aniline

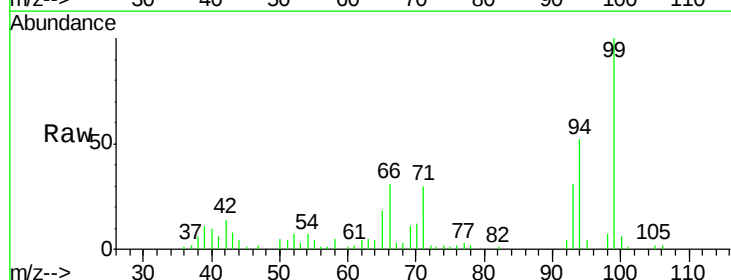
Concen: 4.72 ng

RT: 6.28 min Scan# 411

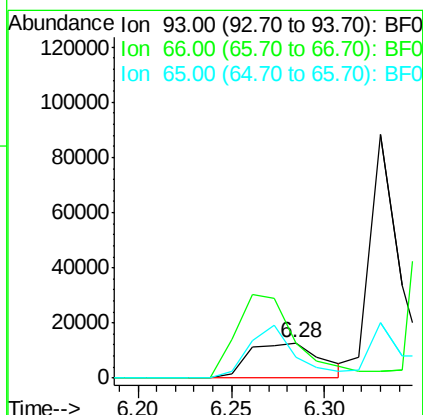
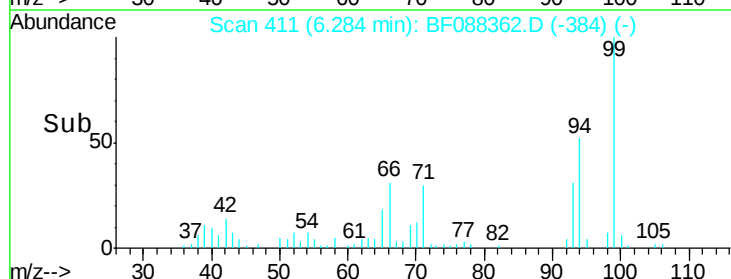
Delta R.T. 0.01 min

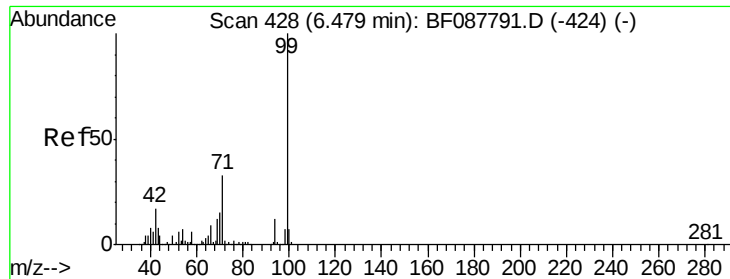
Lab File: BF088362.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	34606		
66	100.3	29.8	44.8#	
65	58.2	14.9	22.3#	





#7

Phenol-d6

Concen: 117.89 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF088362.D

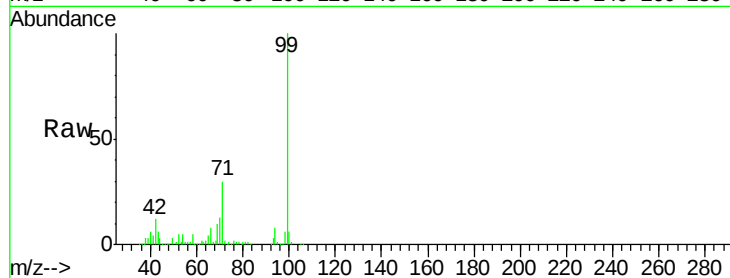
Acq: 25 Jun 2016 6:46

Instrument :

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Tgt Ion: 99 Resp: 607108

Ion Ratio Lower Upper

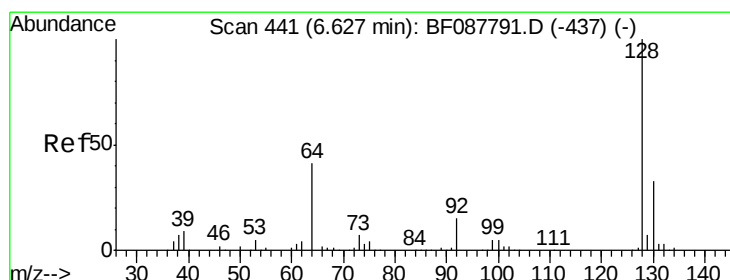
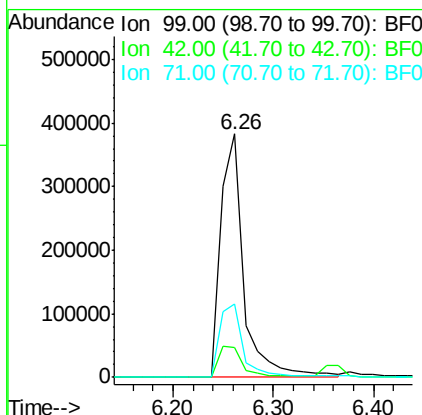
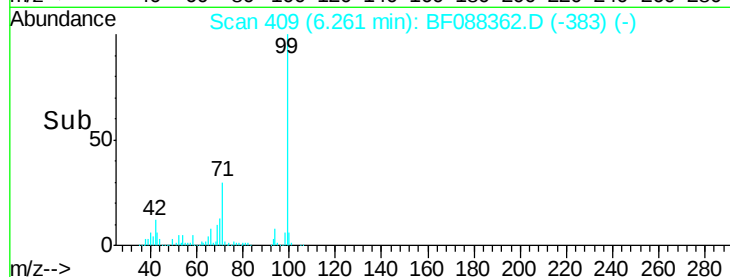
99 100

42 12.1 12.2 18.2#

71 29.9 23.4 35.0

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#8

2-Chlorophenol

Concen: 21.12 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

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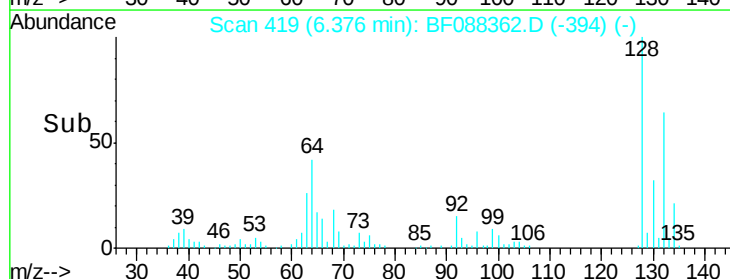
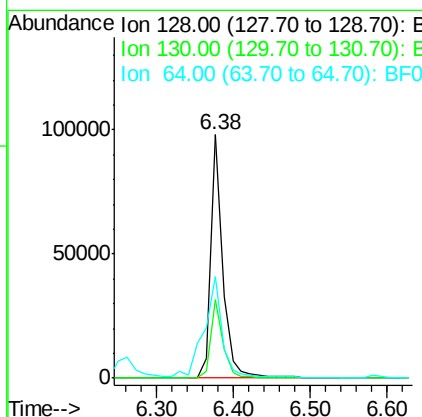
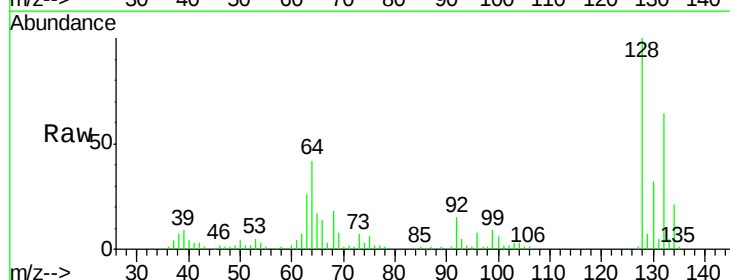
Tgt Ion: 128 Resp: 106204

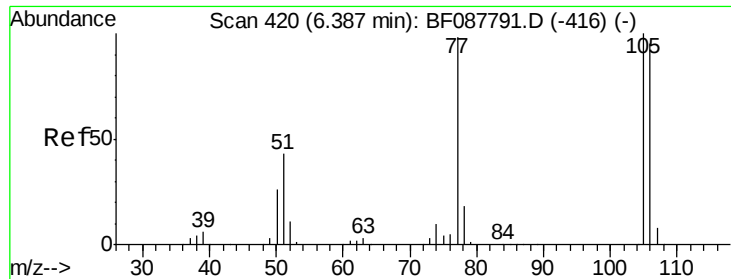
Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 41.8 30.8 70.8





#9

Benzaldehyde

Concen: 12.11 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

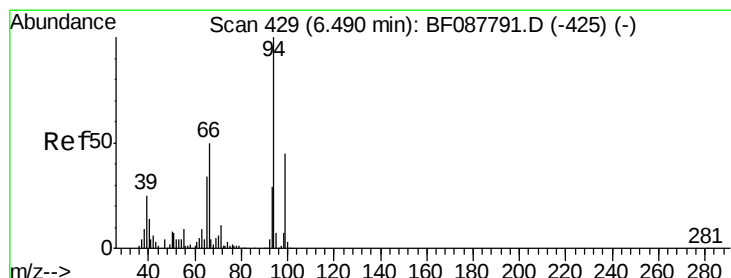
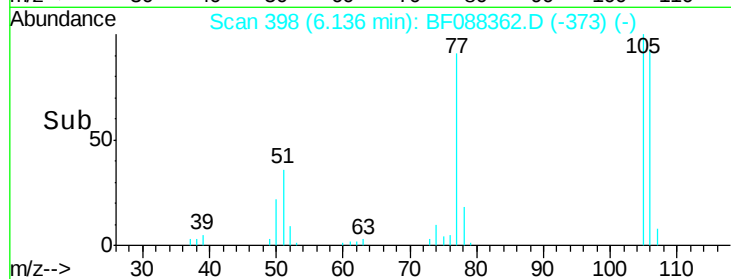
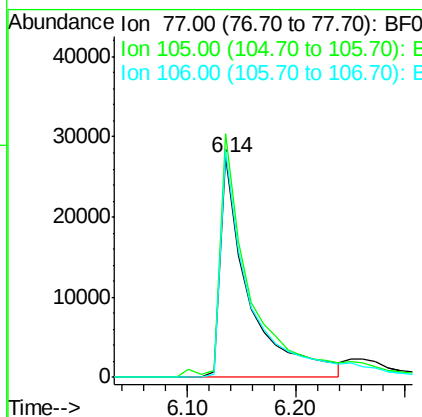
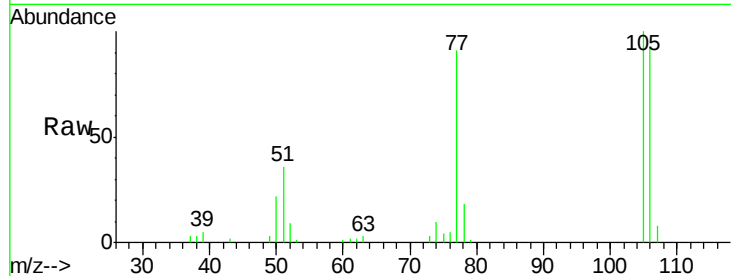
ClientSampleId :

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Tgt Ion:	77	Resp:	50636
Ion	Ratio	Lower	Upper
77	100		
105	110.4	90.6	130.6
106	103.2	85.3	125.3

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#10

Phenol

Concen: 19.91 ng

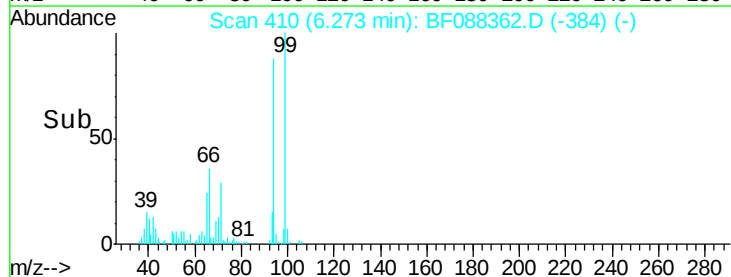
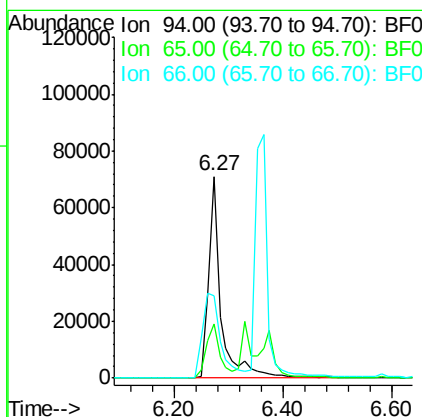
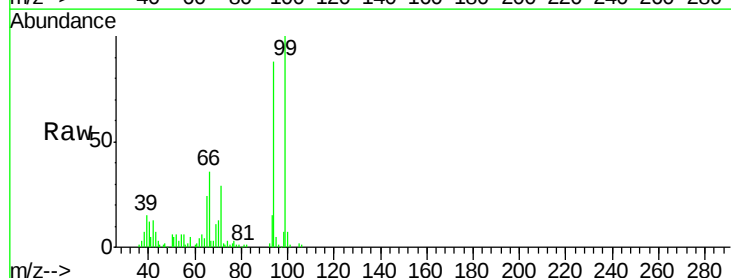
RT: 6.27 min Scan# 410

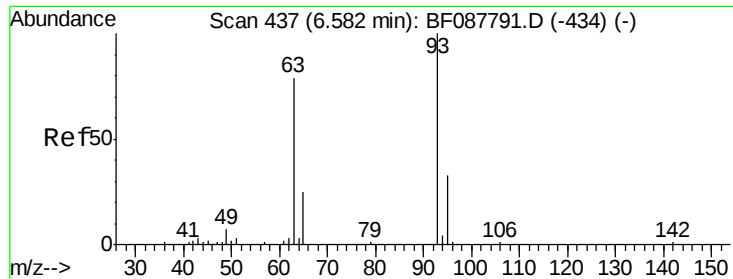
Delta R.T. -0.00 min

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Tgt Ion:	94	Resp:	113249
Ion	Ratio	Lower	Upper
94	100		
65	26.9	5.9	45.9
66	40.6	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 23.79 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

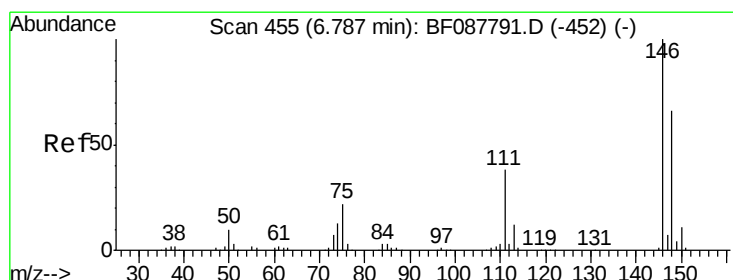
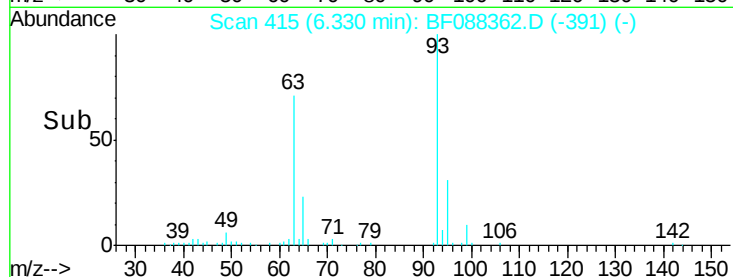
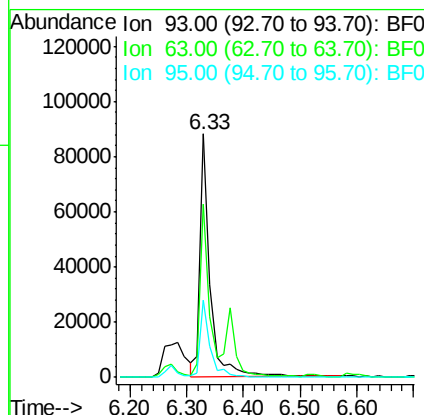
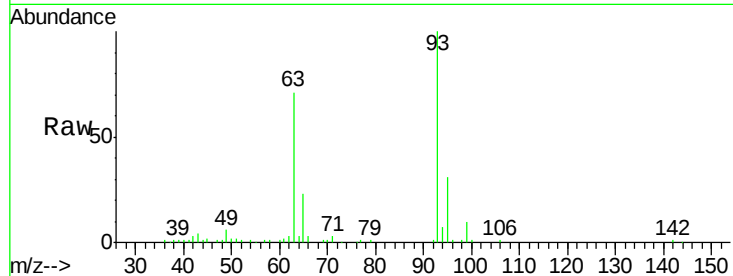
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	93	Resp:	107439
Ion Ratio	Lower	Upper	
93	100		
63	71.2	67.6	107.6
95	31.5	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 18.51 ng m

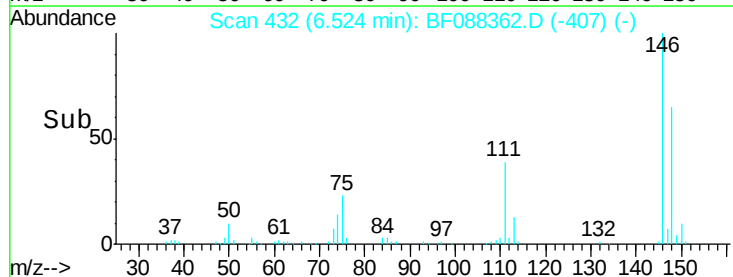
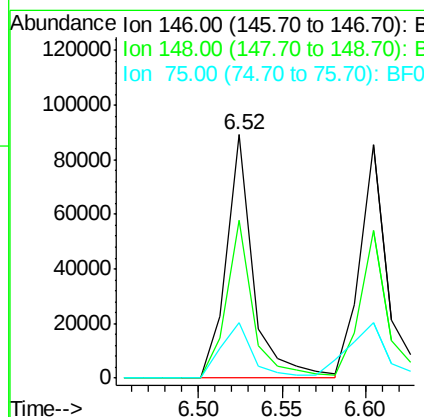
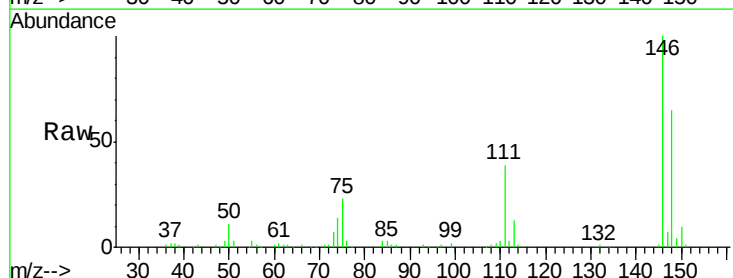
RT: 6.52 min Scan# 432

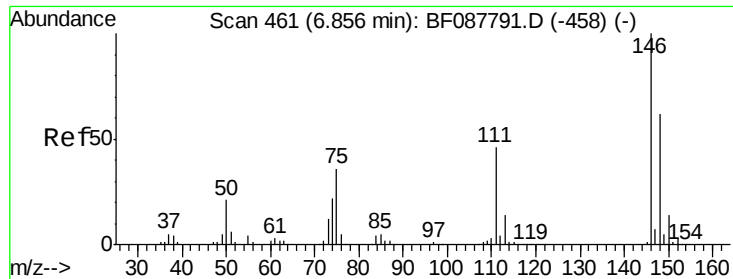
Delta R.T. -0.01 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	146	Resp:	99906
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.9	76.3
75	22.8	25.6	38.4#





#13

1,4-Dichlorobenzene

Concen: 20.01 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

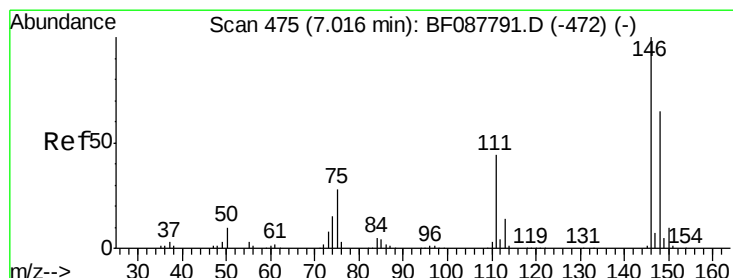
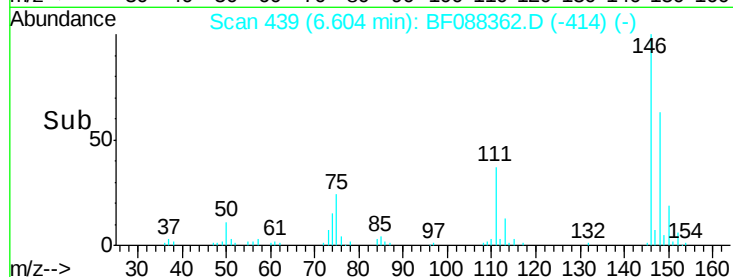
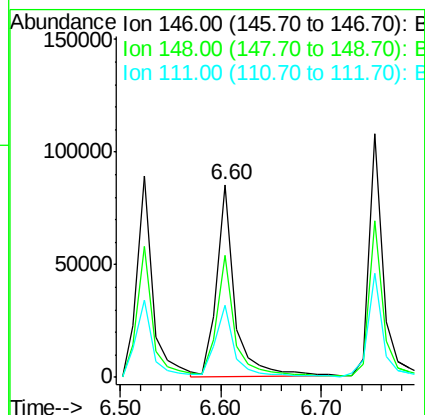
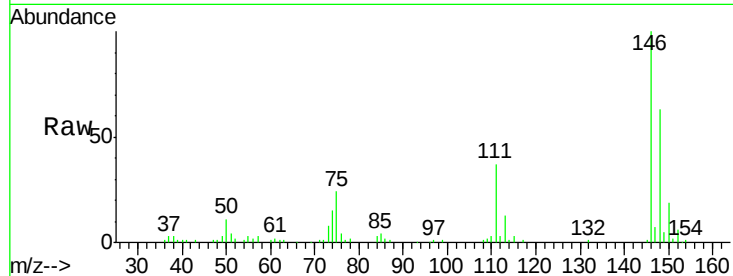
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	146	Resp:	108752
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.0	78.0
111	37.4	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 22.49 ng

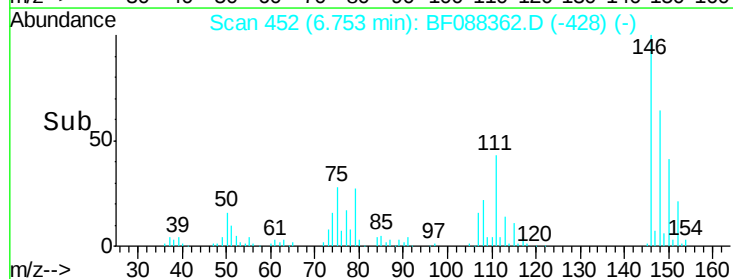
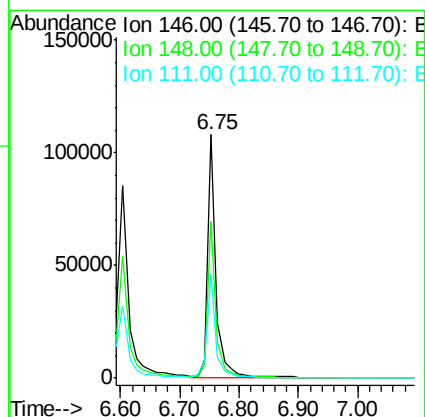
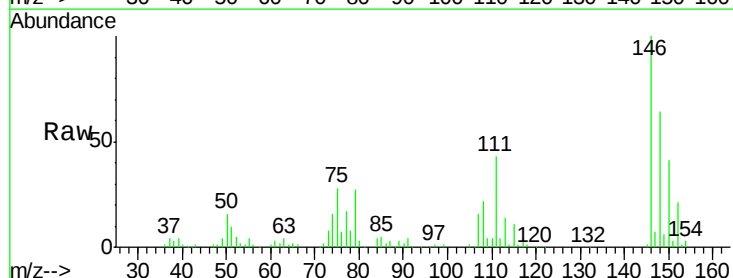
RT: 6.75 min Scan# 452

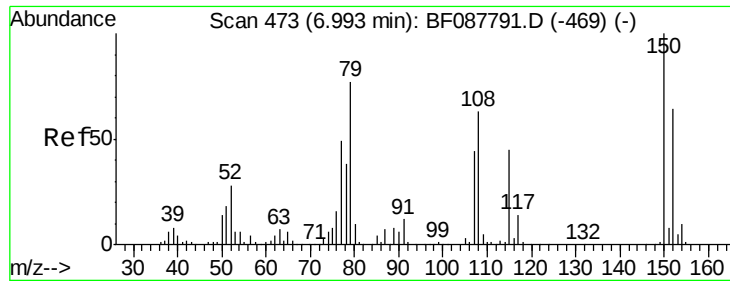
Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	146	Resp:	111184
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.3	78.5
111	43.0	28.7	43.1





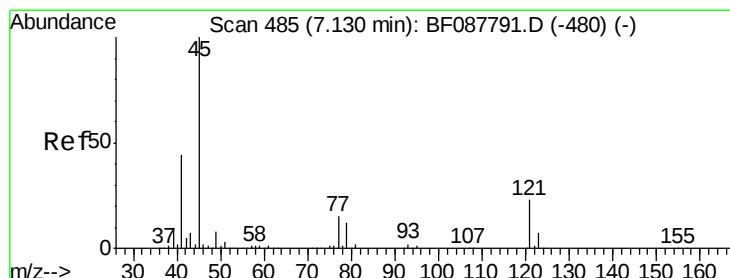
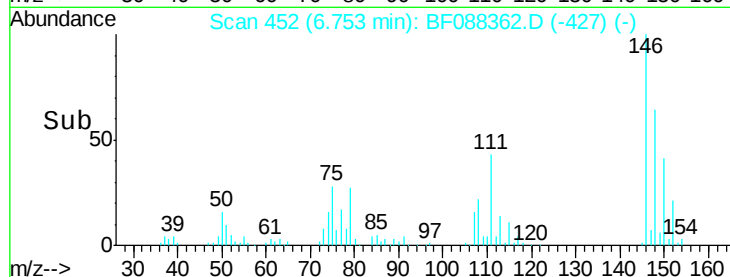
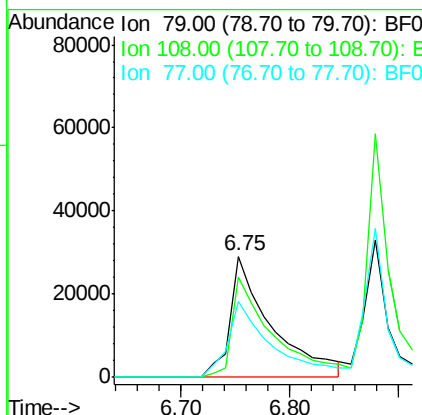
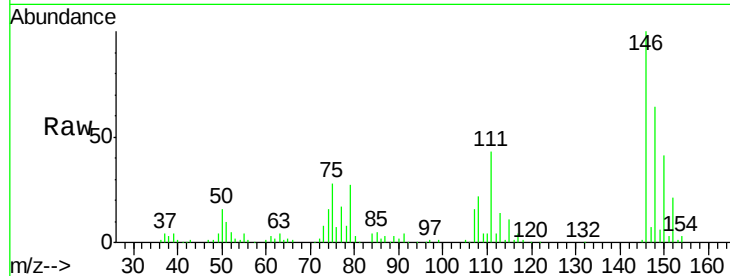
#15
Benzyl Alcohol
Concen: 19.06 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	83.2	65.0	97.6
77	62.3	50.3	75.5

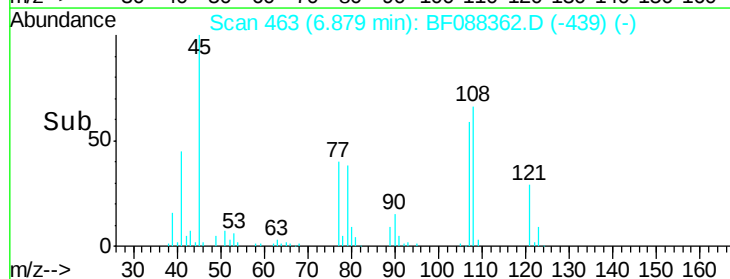
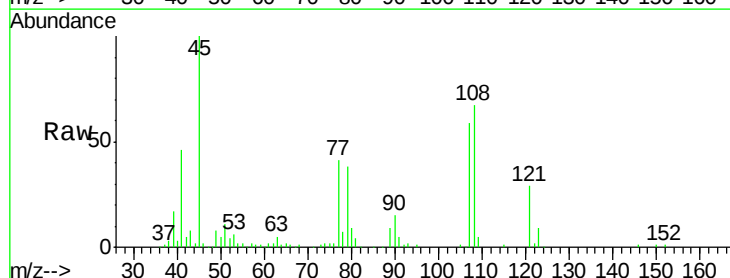
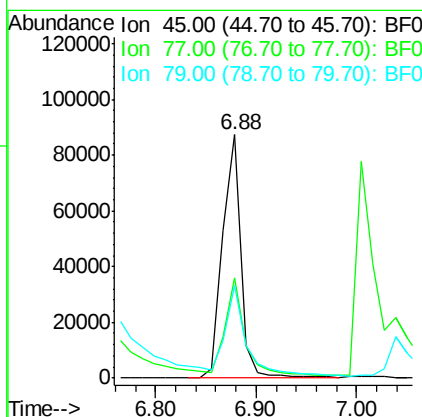
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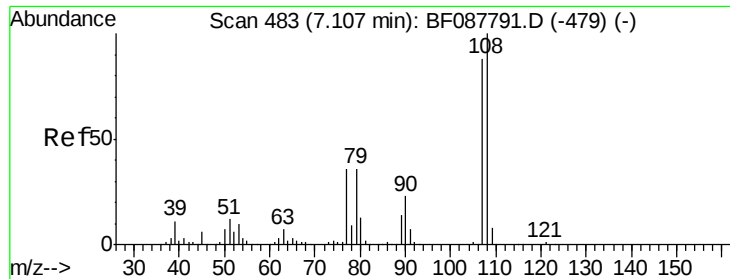
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.30 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	41.1	0.0	32.5#
79	38.0	0.0	29.5#





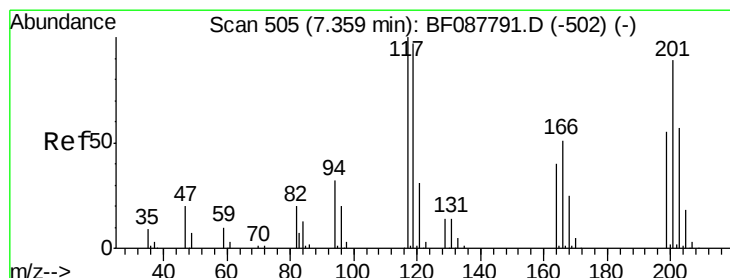
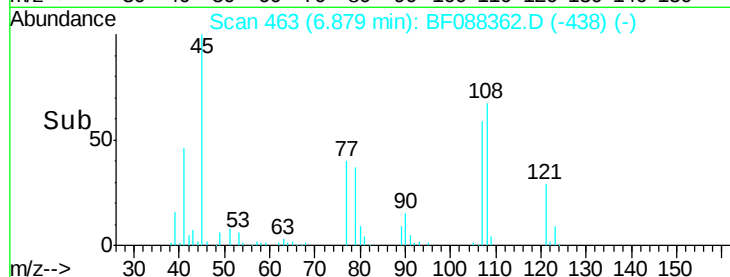
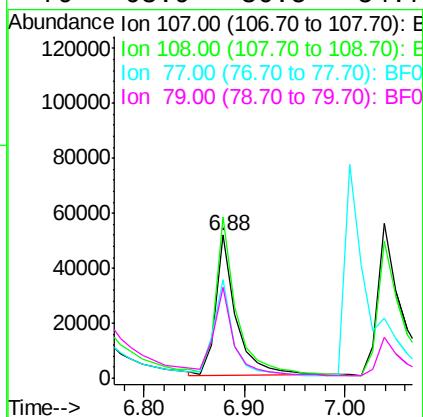
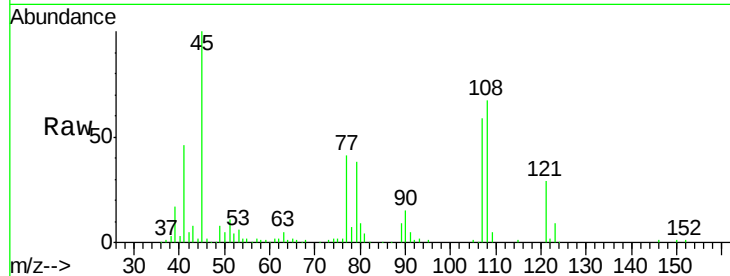
#17
2-Methylphenol
Concen: 17.92 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	73091		
108	112.7	90.9	136.3	
77	69.0	36.6	55.0	
79	63.9	36.5	54.7	

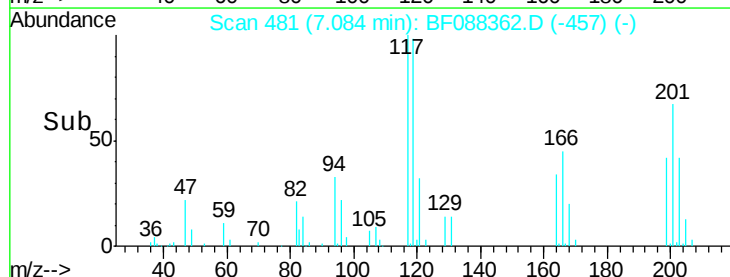
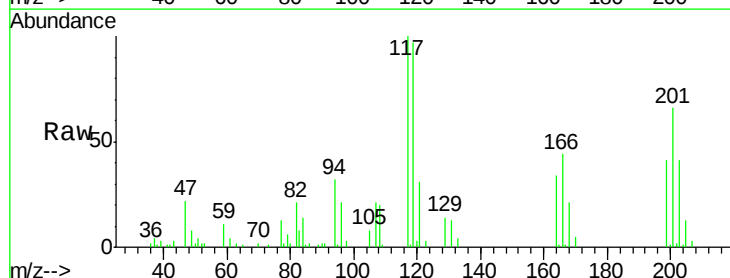
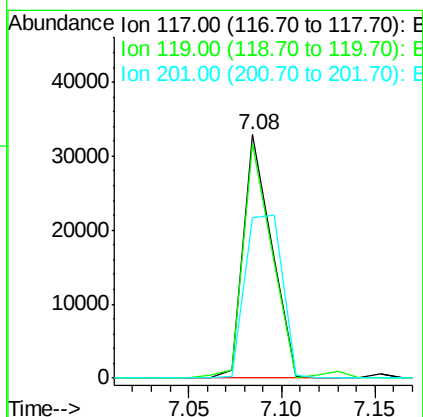
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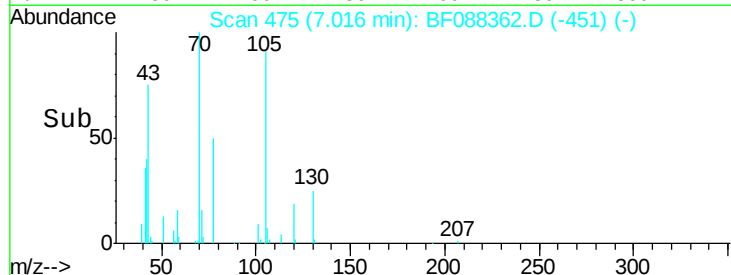
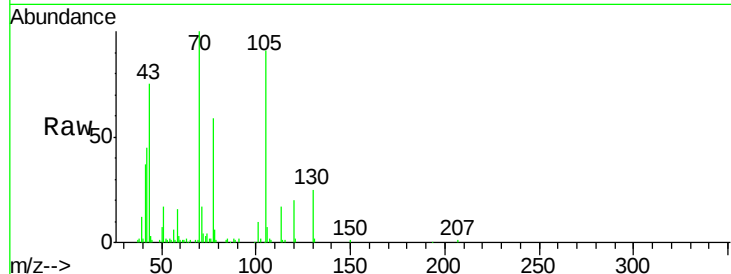
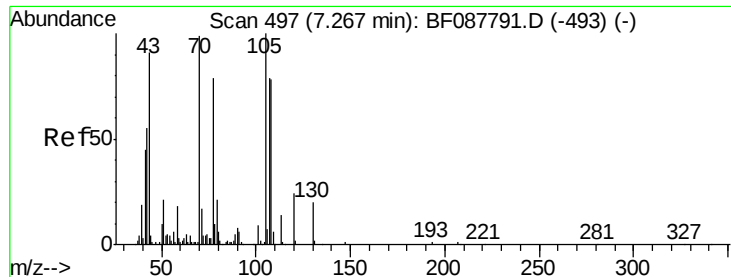
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#18
Hexachloroethane
Concen: 17.91 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34539		
119	96.6	77.4	116.2	
201	66.1	80.4	120.6	





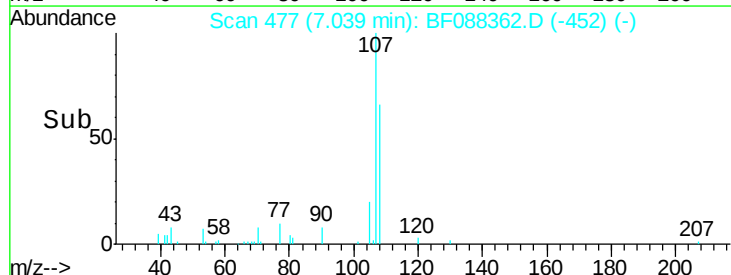
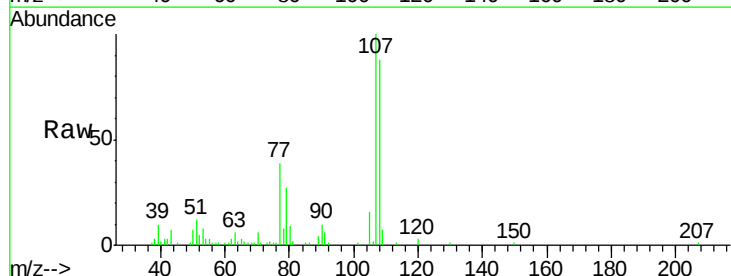
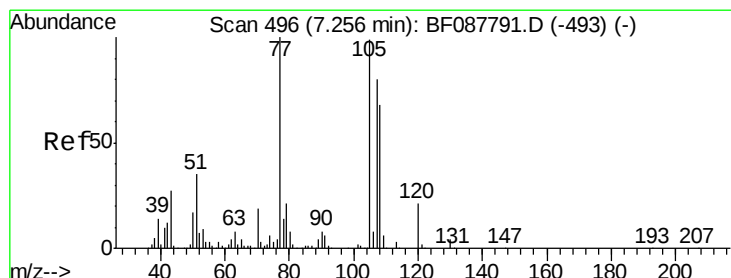
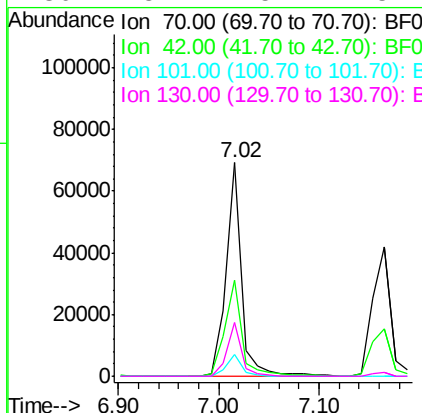
#19
n-Nitroso-di-n-propylamine
Concen: 22.48 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Manual Integrations
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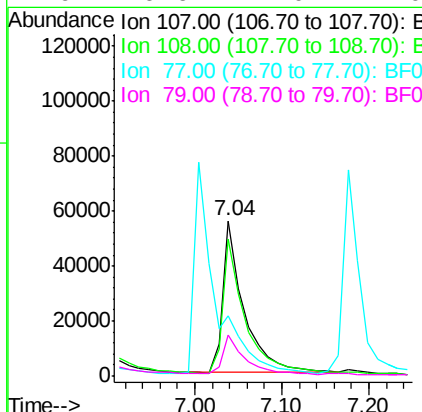
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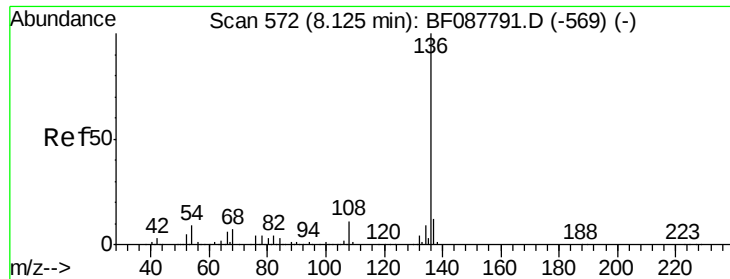
Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.1	49.6	74.4#
101	10.5	7.1	10.7
130	25.2	15.4	23.2#



#20
3+4-Methylphenols
Concen: 20.01 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.8	107.8
77	38.8	59.3	99.3#
79	26.6	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

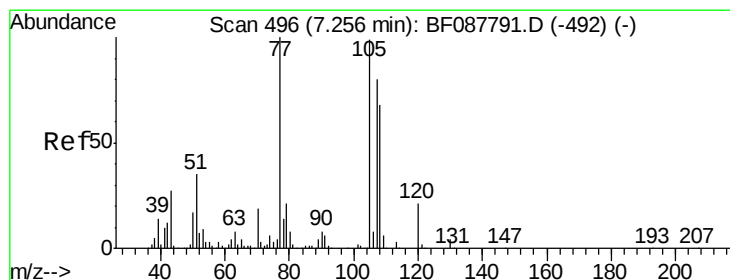
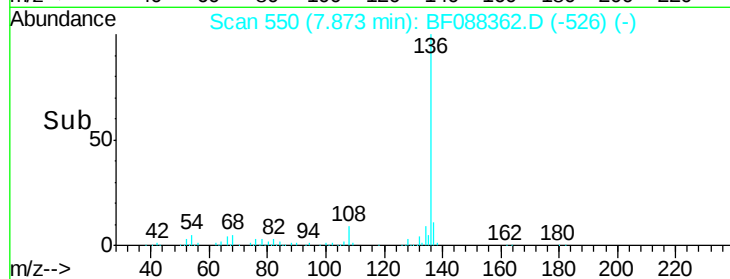
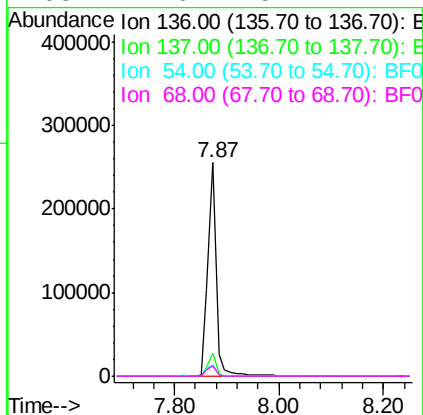
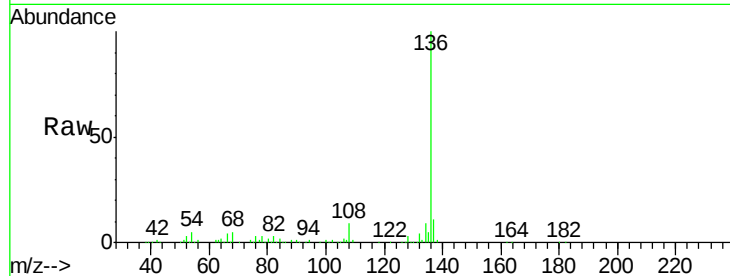
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	283927		
137	10.6	9.1	13.7	
54	5.2	6.6	10.0	
68	4.6	5.1	7.7	

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#22

Acetophenone

Concen: 24.50 ng

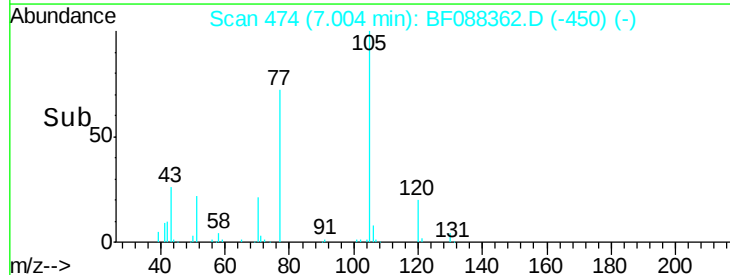
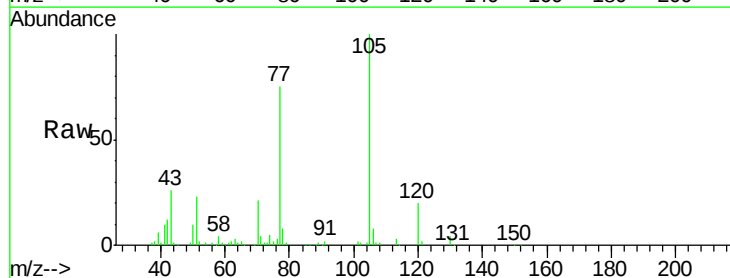
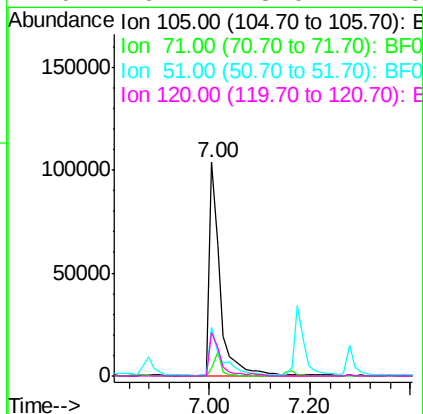
RT: 7.00 min Scan# 474

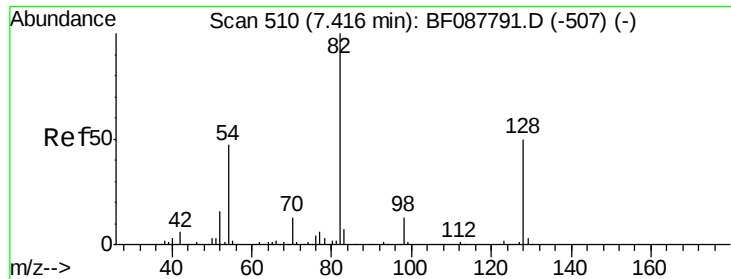
Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	155427		
71	3.7	5.3	7.9	
51	23.0	18.2	27.4	
120	20.2	18.0	27.0	





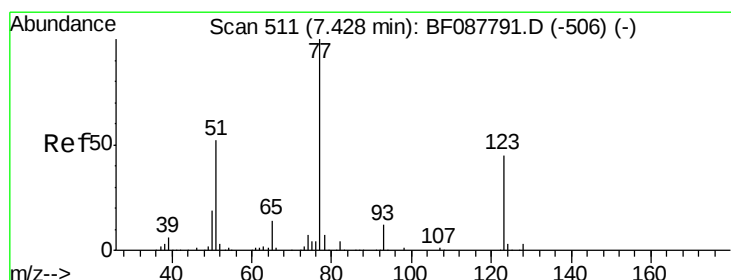
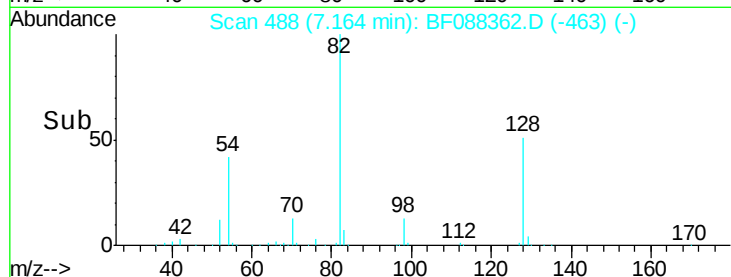
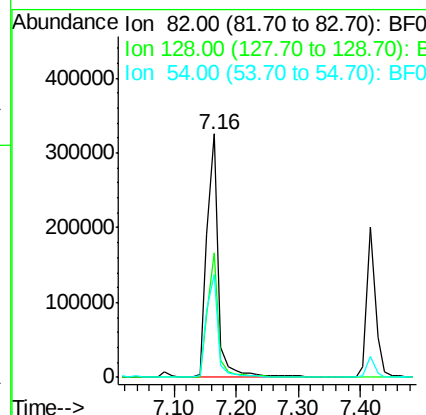
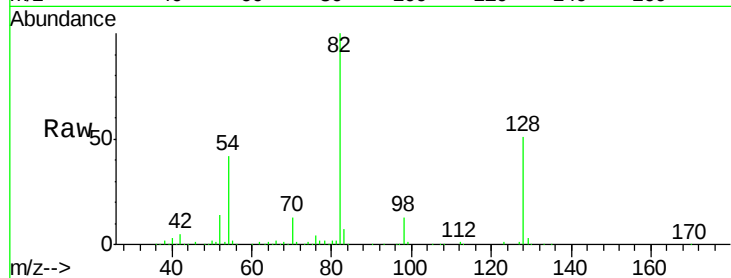
#23
 Nitrobenzene-d5
 Concen: 86.99 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	422945		
128	51.3	35.9	53.9	
54	42.4	40.9	61.3	

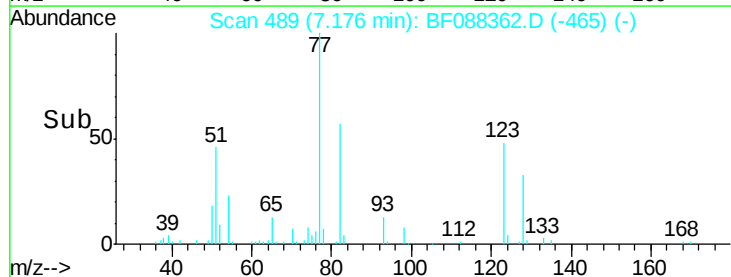
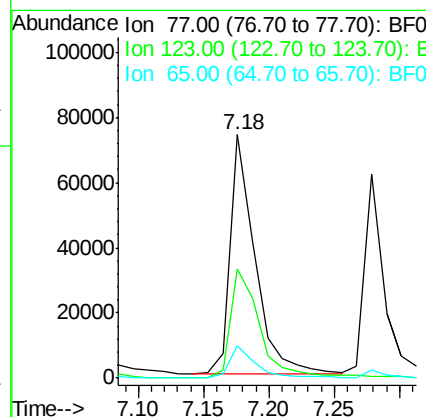
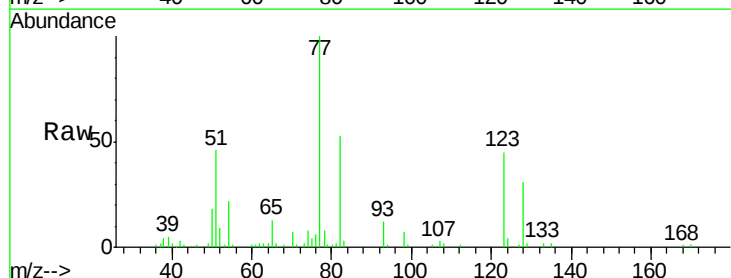
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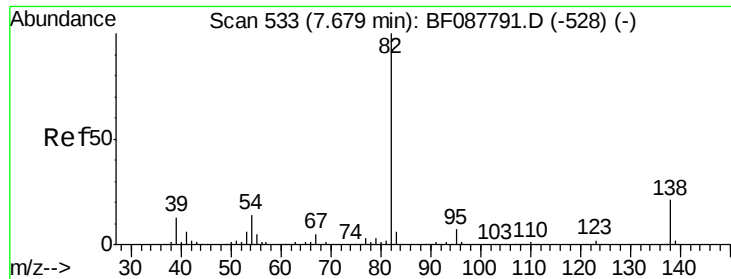
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#24
 Nitrobenzene
 Concen: 20.95 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	98650		
123	45.1	45.0	67.4	
65	13.1	10.2	15.2	





#25

Isophorone

Concen: 21.78 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

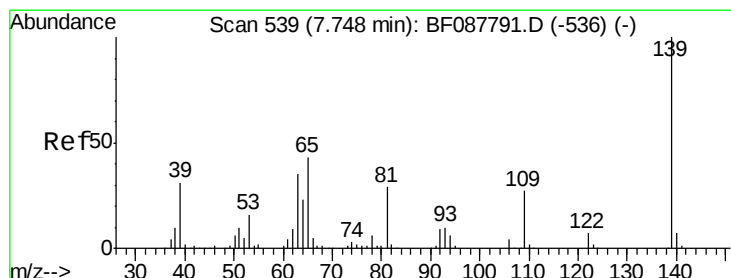
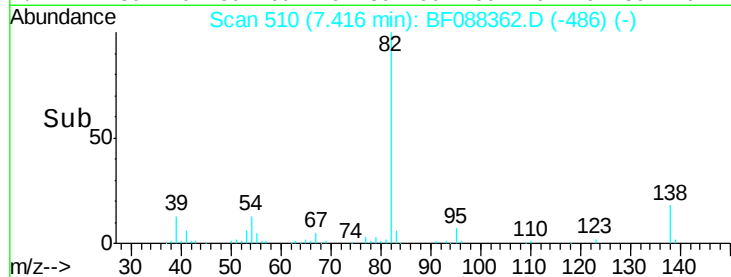
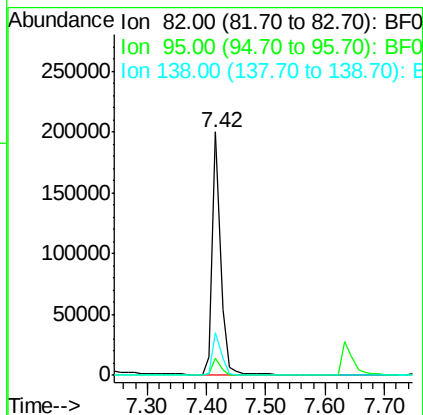
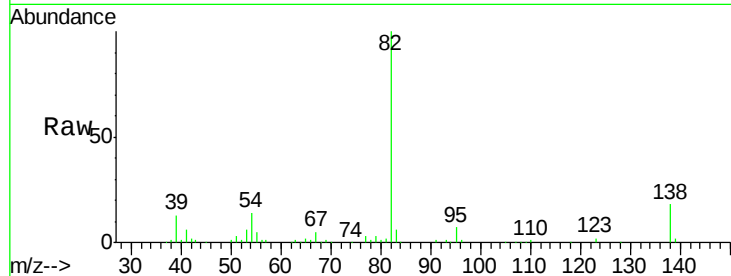
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	82	Resp:	196157
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	17.7	14.6	21.8

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#26

2-Nitrophenol

Concen: 22.15 ng

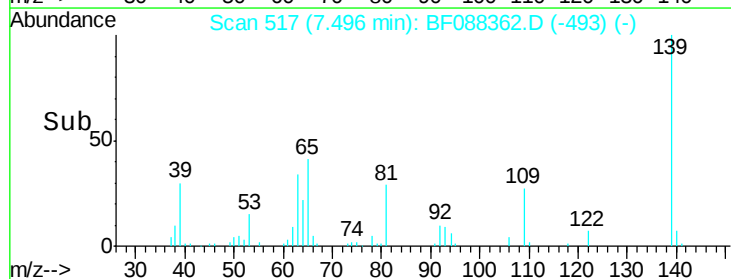
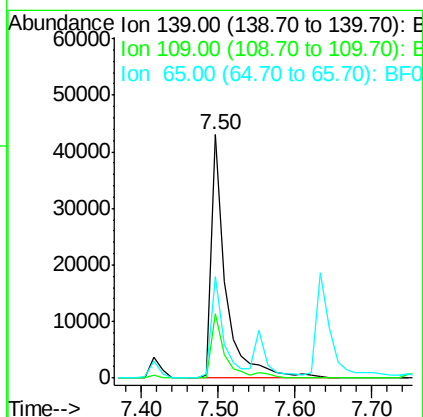
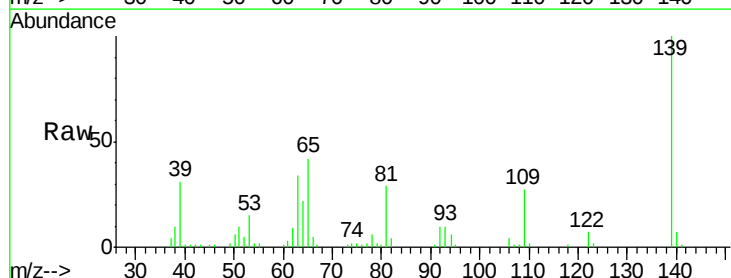
RT: 7.50 min Scan# 517

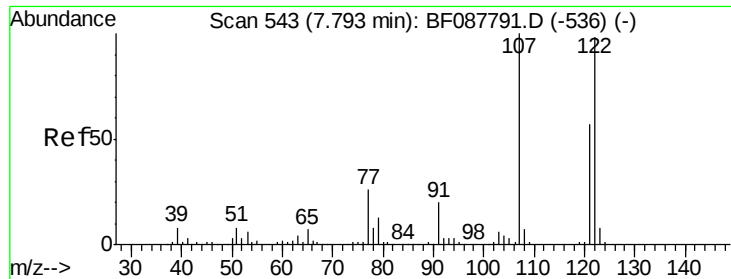
Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	139	Resp:	55884
Ion Ratio	Lower	Upper	
139	100		
109	26.6	23.0	34.4
65	41.9	45.8	68.8#





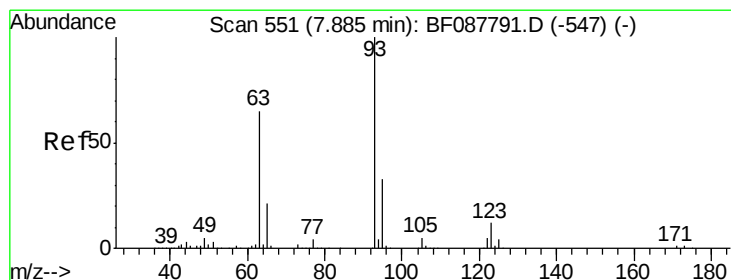
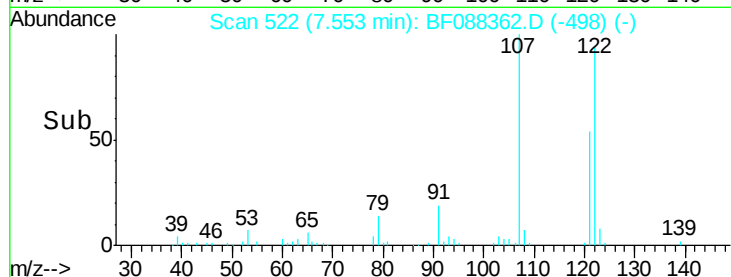
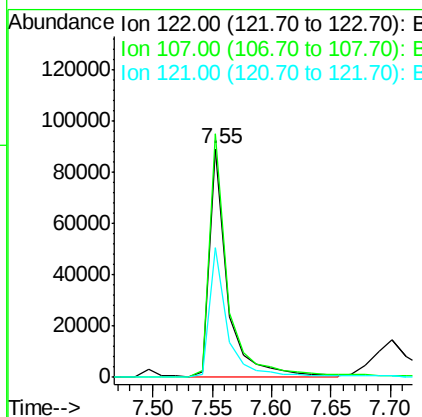
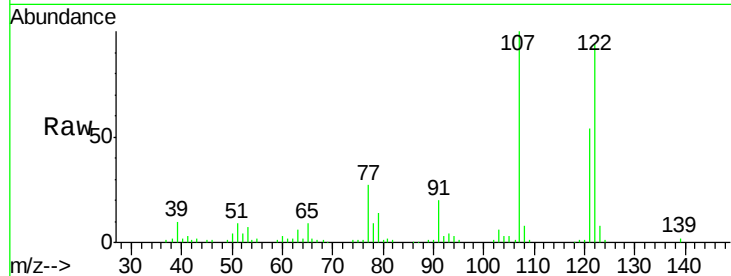
#27
2,4-Dimethylphenol
Concen: 20.21 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	106.6	82.4	123.6
121	57.1	46.3	69.5

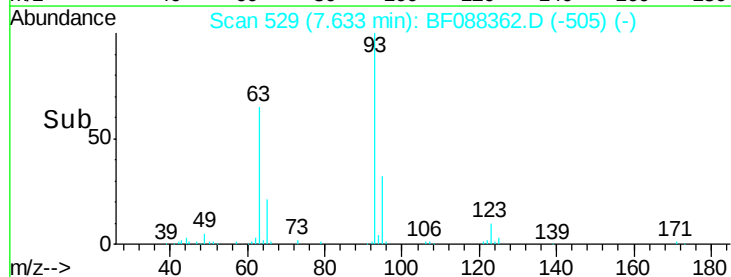
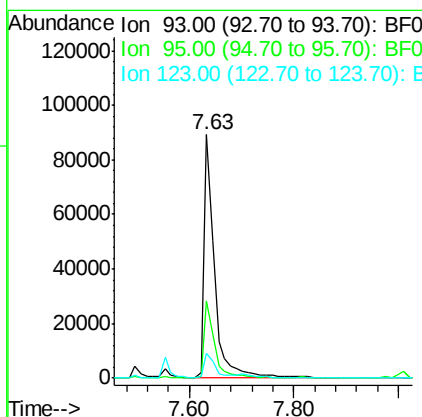
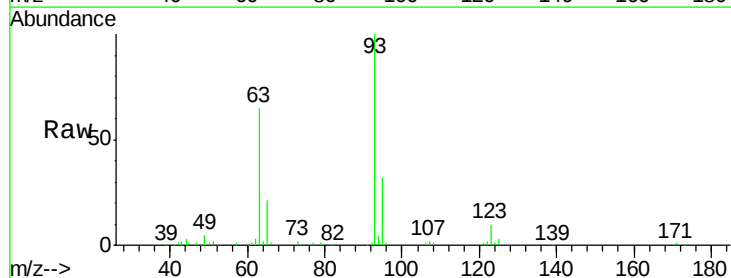
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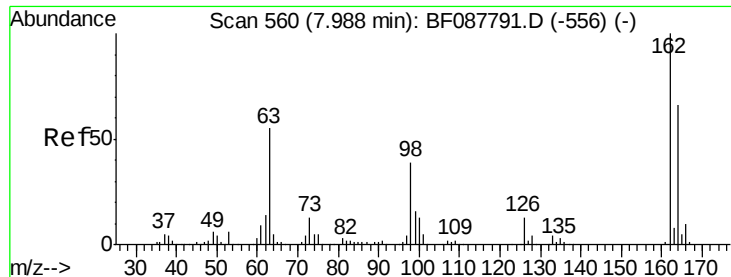
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#28
bis(2-Chloroethoxy)methane
Concen: 22.59 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.5	39.7
123	10.2	11.6	17.4#





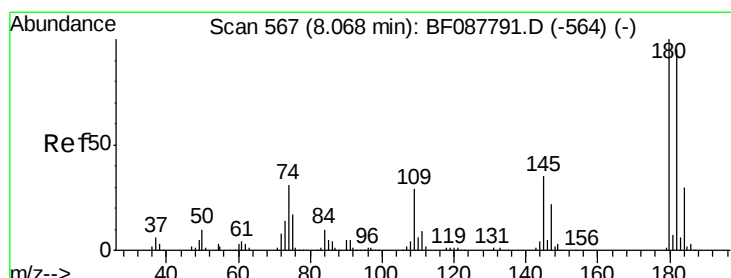
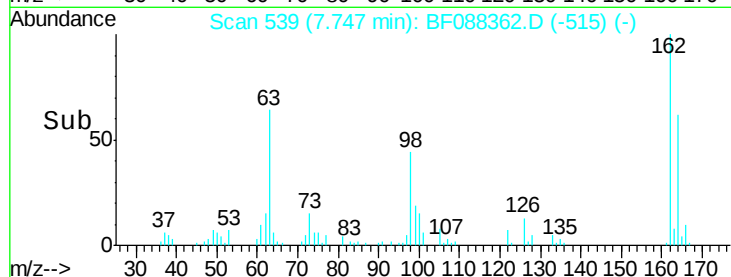
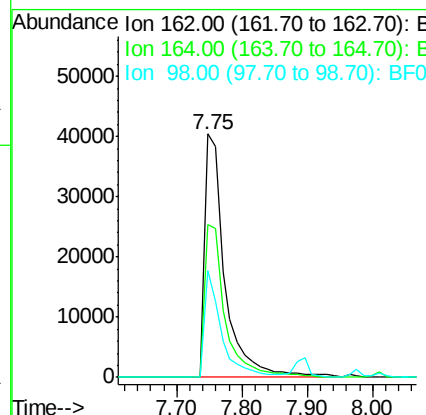
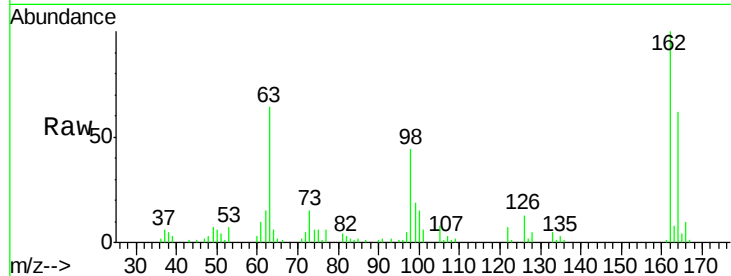
#29
2,4-Dichlorophenol
Concen: 22.44 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	87044		
164	62.5	43.8	83.8	
98	43.6	21.3	61.3	

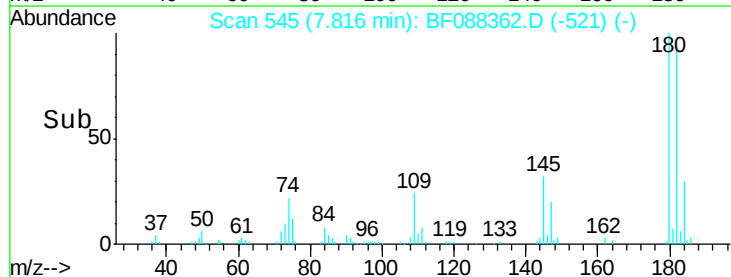
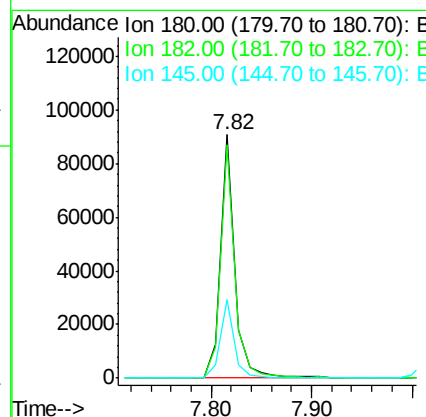
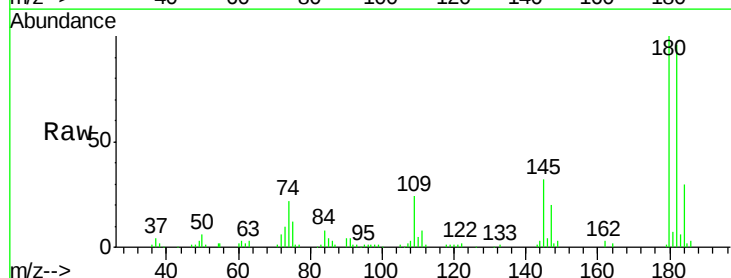
Manual Integrations
APPROVED

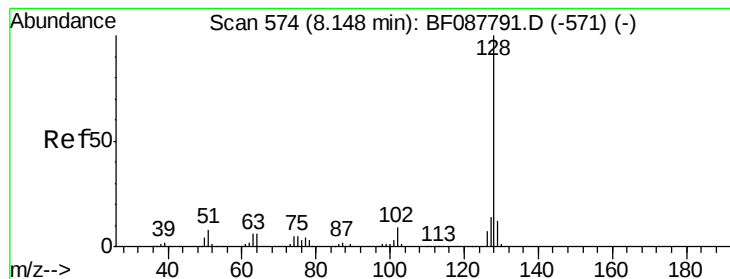
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#30
1,2,4-Trichlorobenzene
Concen: 21.28 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89851		
182	95.8	76.0	114.0	
145	32.2	26.5	39.7	





#31

Naphthalene

Concen: 24.12 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

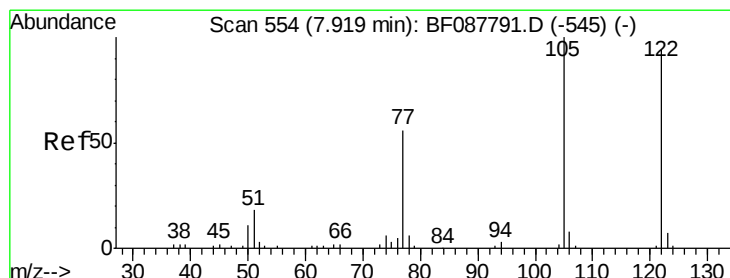
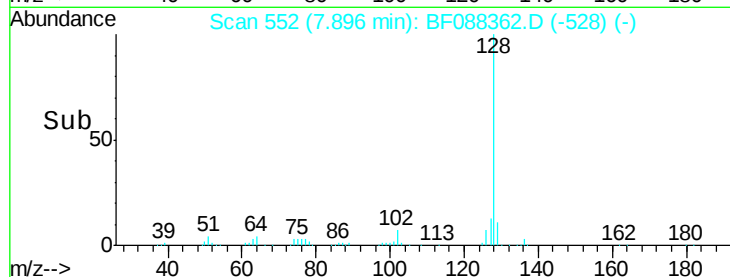
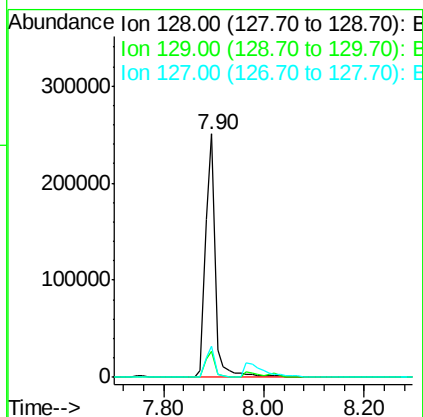
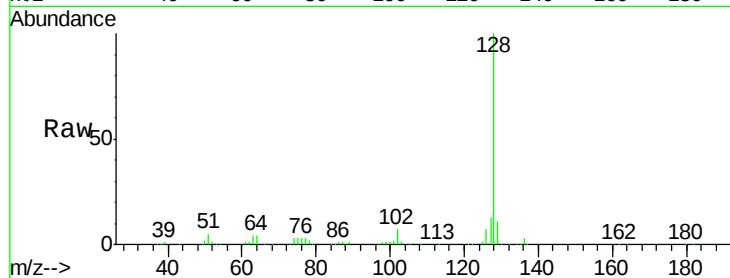
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	128	Resp:	338935
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.4	14.2
127	12.9	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 14.11 ng

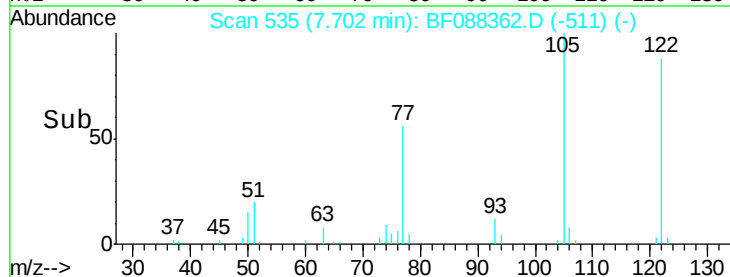
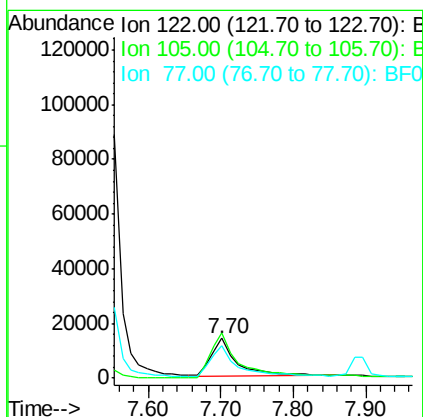
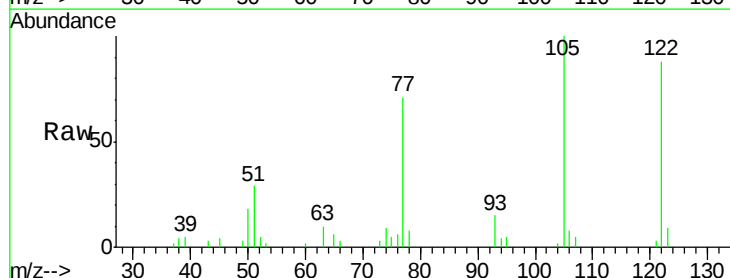
RT: 7.70 min Scan# 535

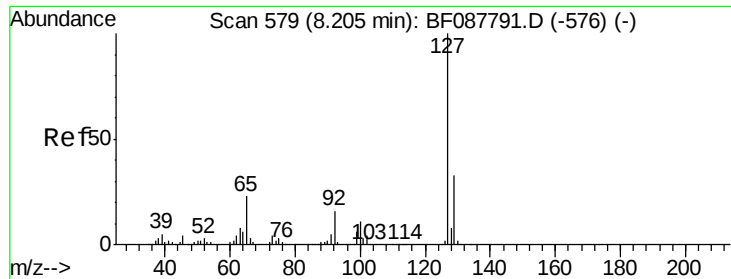
Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	122	Resp:	36101
Ion Ratio	Lower	Upper	
122	100		
105	114.2	101.6	141.6
77	81.4	70.6	110.6





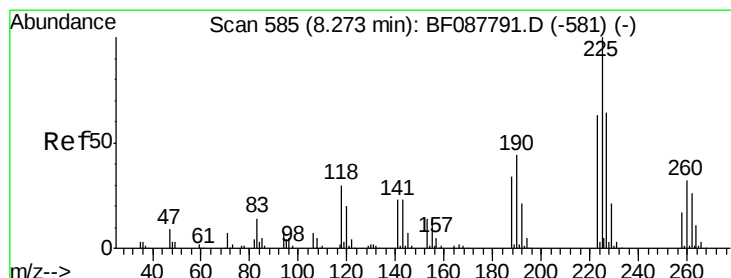
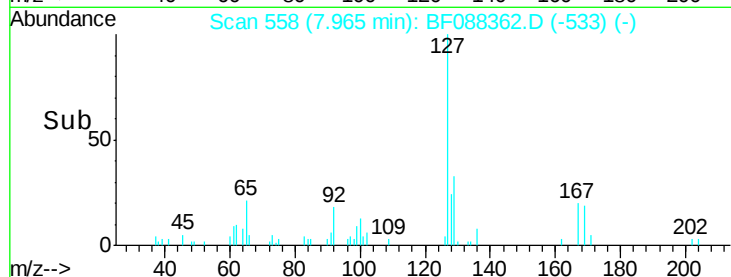
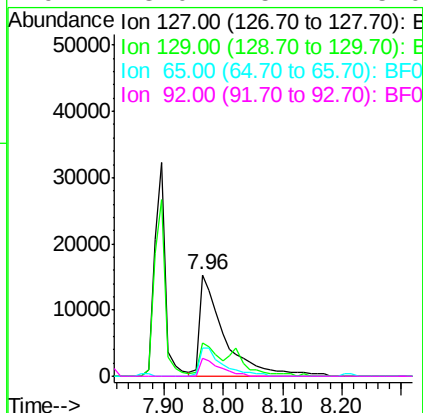
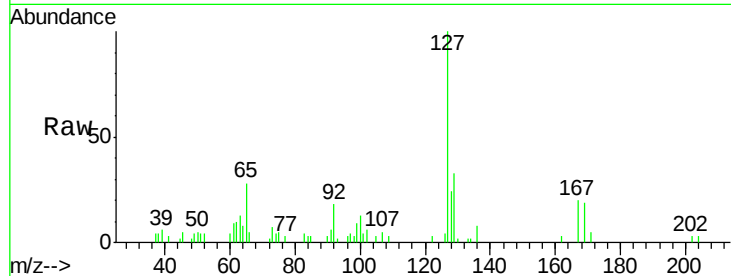
#33
4-Chloroaniline
Concen: 7.18 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	45029		
129	33.2	26.3	39.5	
65	27.9	24.7	37.1	
92	18.0	15.4	23.0	

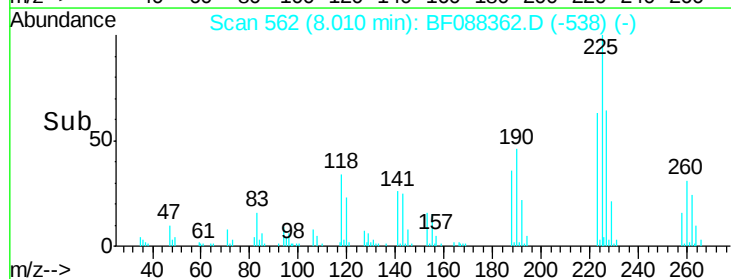
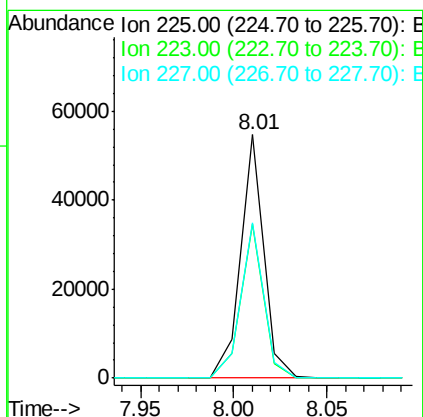
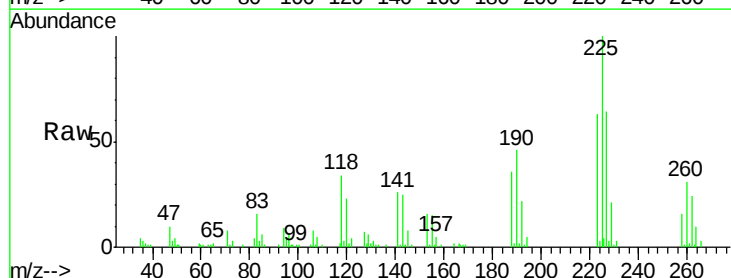
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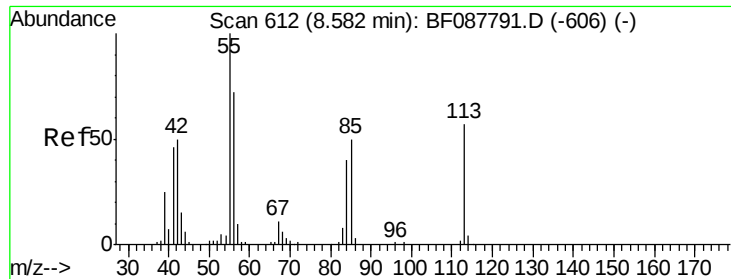
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#34
Hexachlorobutadiene
Concen: 21.42 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47700		
223	63.1	50.9	76.3	
227	64.0	51.9	77.9	





#35

Caprolactam

Concen: 16.54 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.03 min

Lab File: BF088362.D

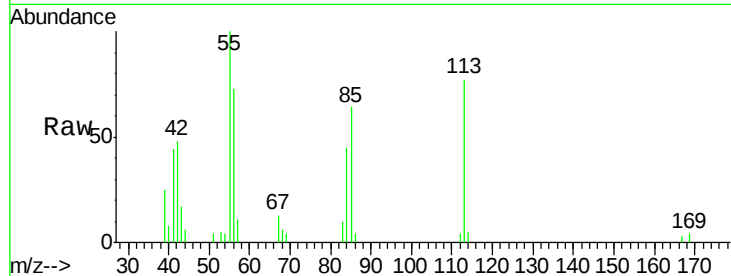
Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS



Tgt Ion:113 Resp: 21245

Ion Ratio Lower Upper

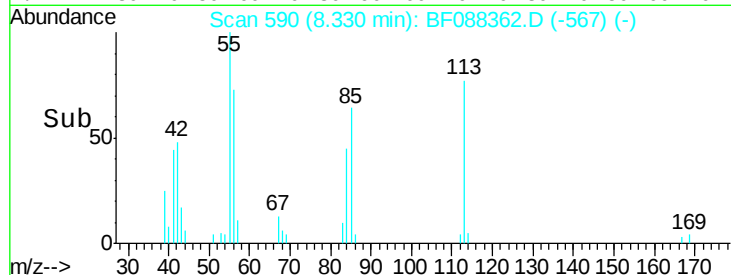
113 100

55 130.2 158.6 198.6#

56 94.8 110.6 150.6#

Manual Integrations
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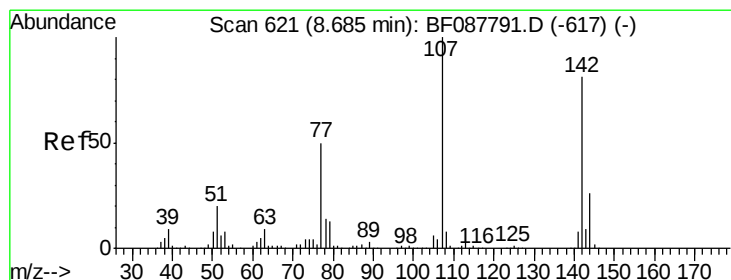
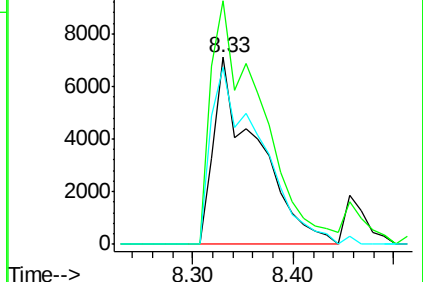
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 21.30 ng

RT: 8.46 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

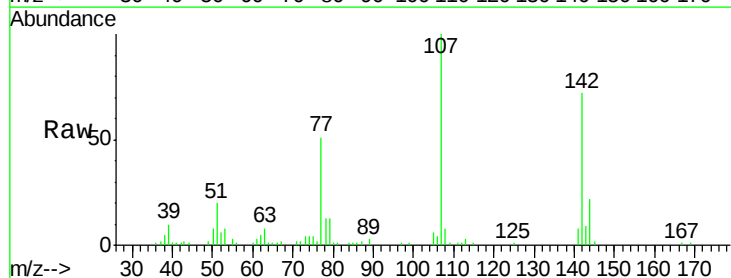
Tgt Ion:107 Resp: 88352

Ion Ratio Lower Upper

107 100

144 22.4 20.8 31.2

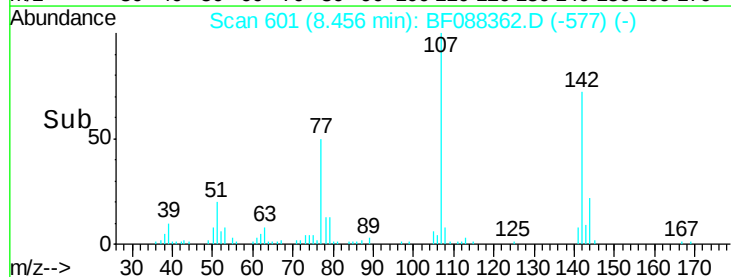
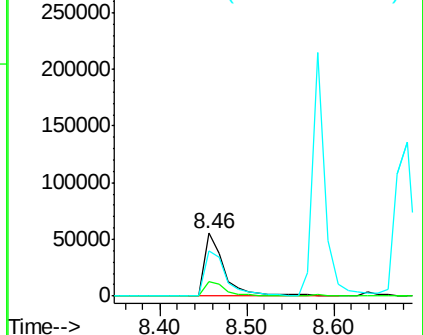
142 71.7 63.4 95.2

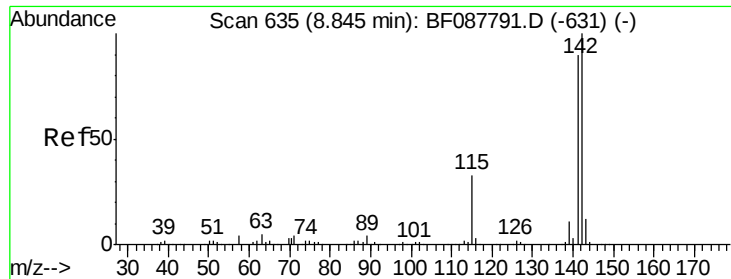


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





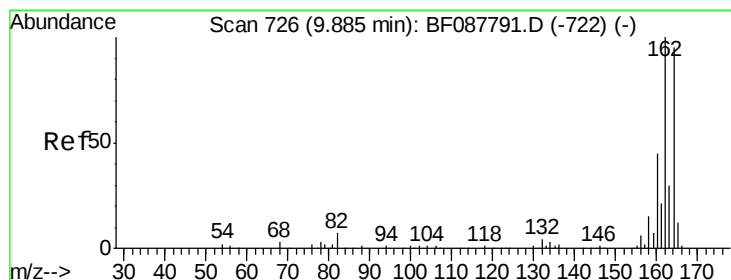
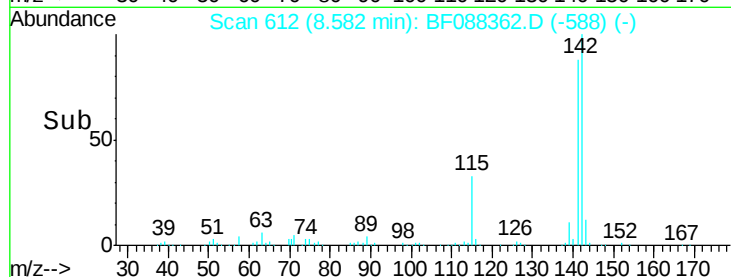
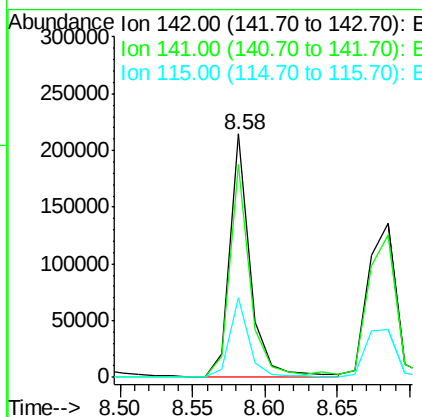
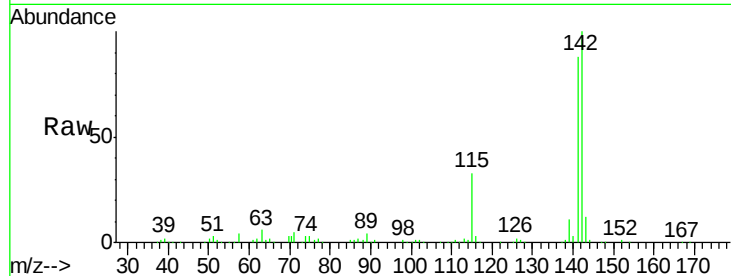
#37
 2-Methylnaphthalene
 Concen: 22.73 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	210491		
141	87.6	71.0	106.6	
115	32.7	22.6	33.8	

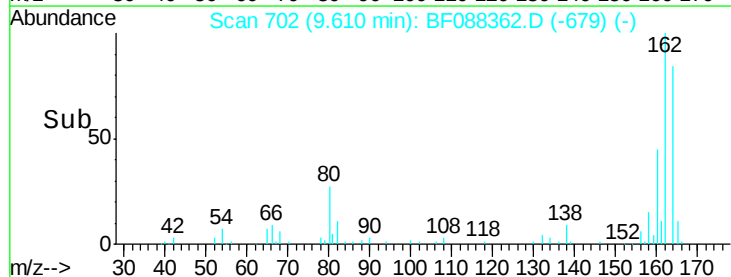
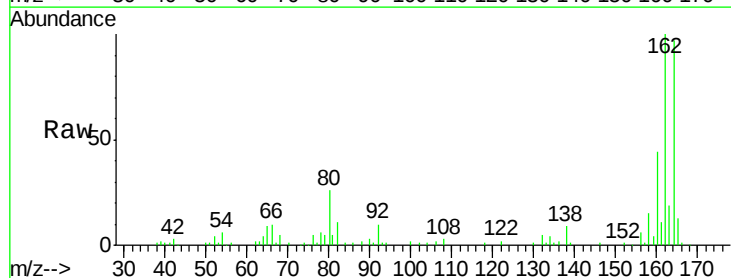
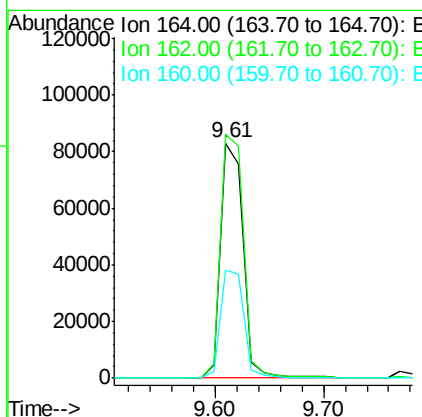
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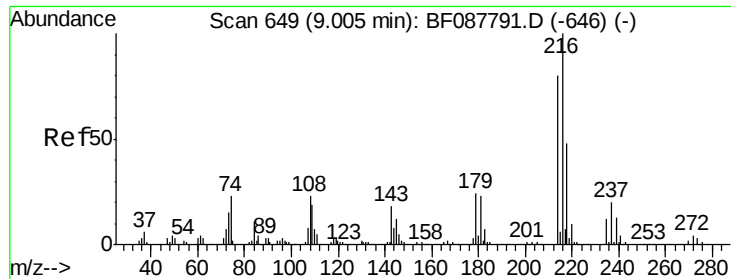
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119434		
162	103.6	85.4	128.2	
160	45.7	39.5	59.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.75 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

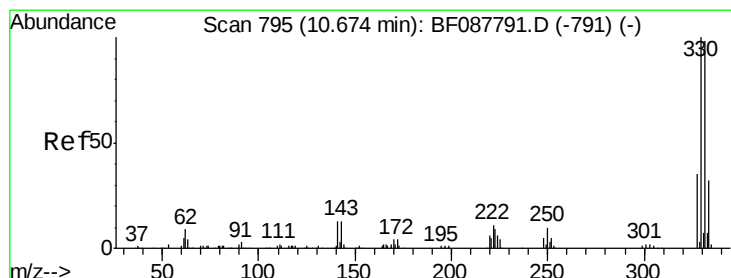
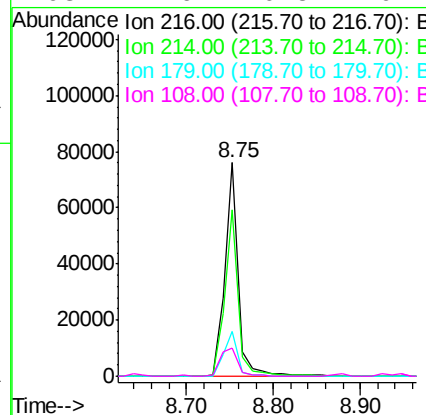
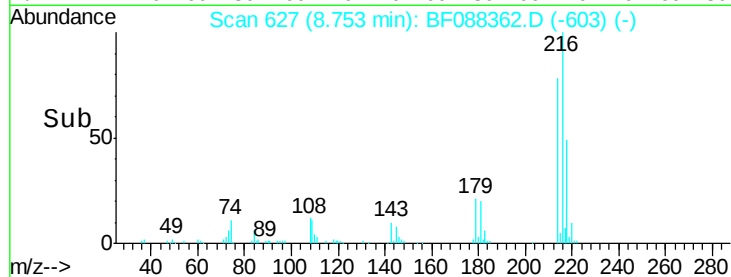
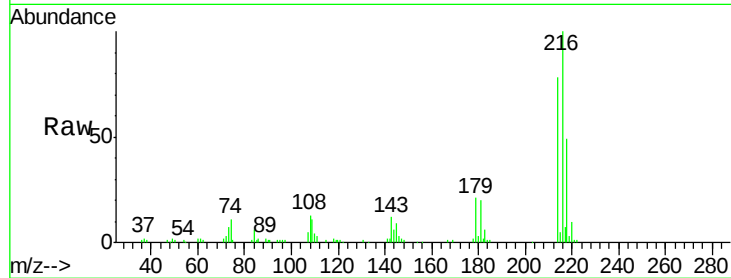
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	216	Resp:	83201
Ion Ratio	Lower	Upper	
216	100		
214	78.1	2.9	4.3#
179	21.2	0.0	0.0#
108	17.6	0.5	0.7#

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#41

2,4,6-Tribromophenol

Concen: 111.46 ng

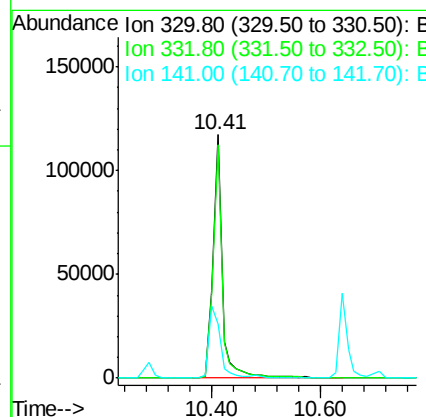
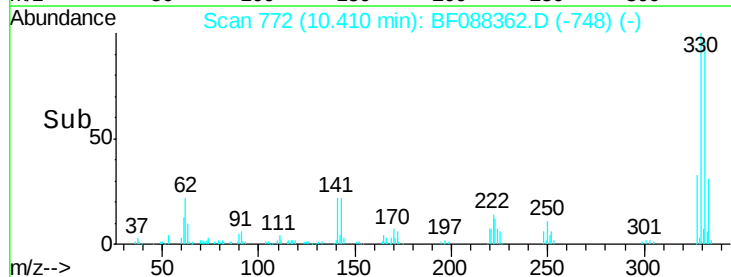
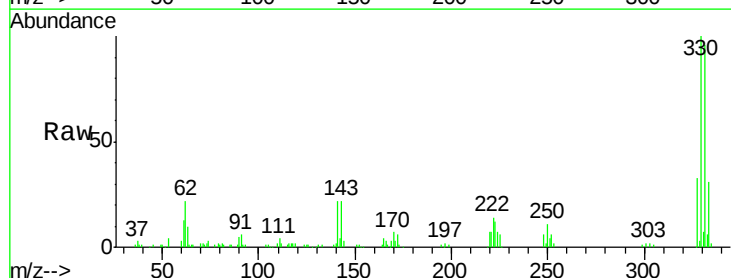
RT: 10.41 min Scan# 772

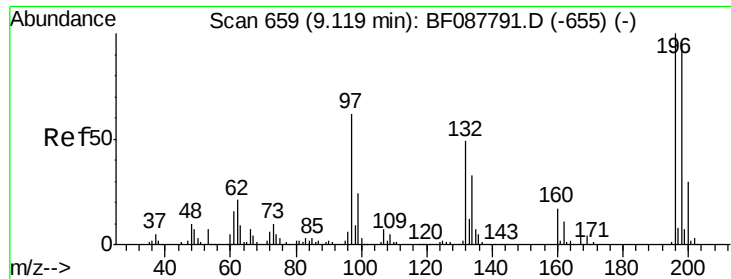
Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	330	Resp:	140565
Ion Ratio	Lower	Upper	
330	100		
332	95.5	0.0	0.0#
141	37.5	0.0	0.0#





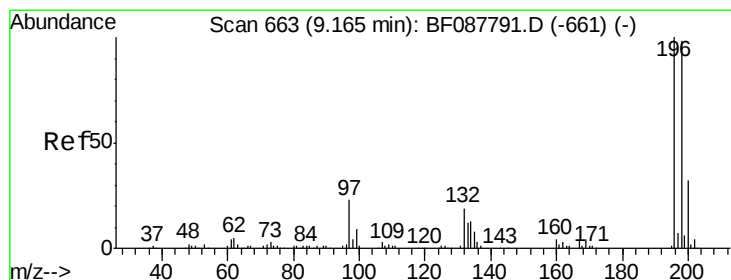
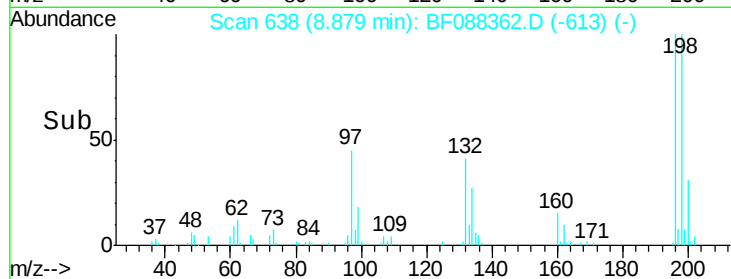
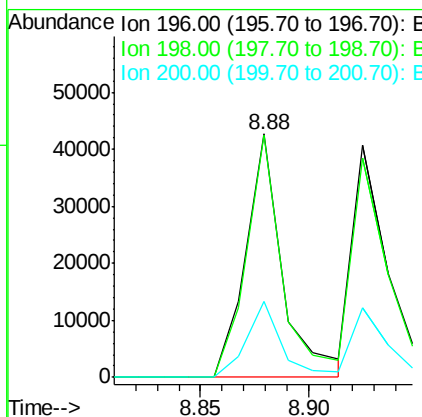
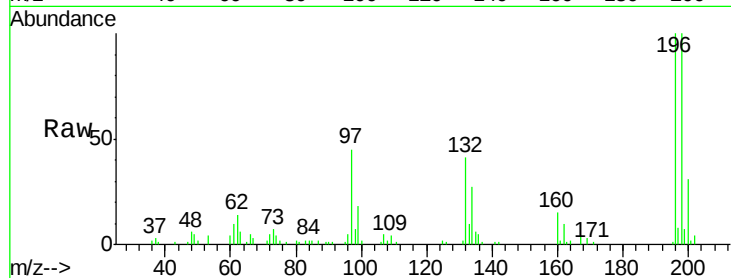
#42
 2,4,6-Trichlorophenol
 Concen: 21.08 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	50357		
198	99.7	78.0	117.0	
200	31.1	25.4	38.2	

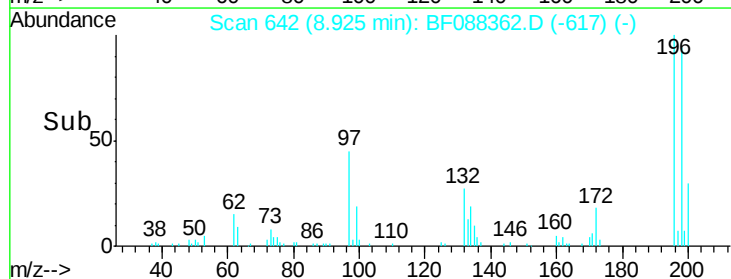
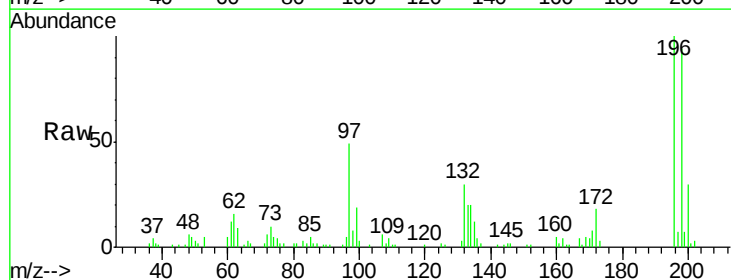
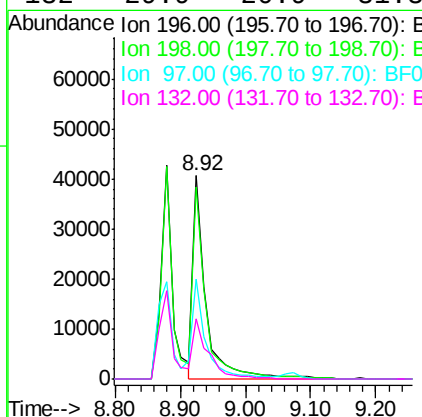
Manual Integrations
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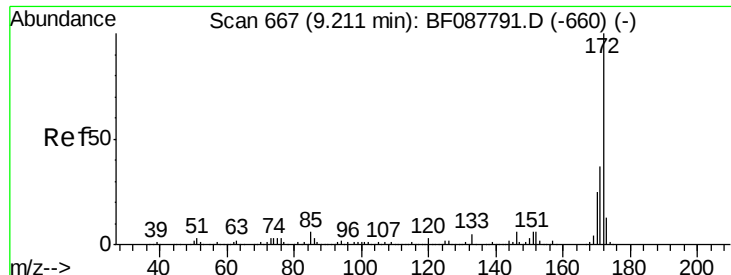
sohil
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#43
 2,4,5-Trichlorophenol
 Concen: 22.89 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	56875		
198	94.5	77.5	116.3	
97	49.0	32.0	48.0#	
132	29.9	20.9	31.3	





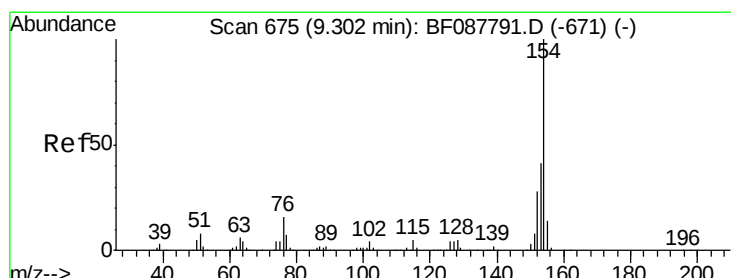
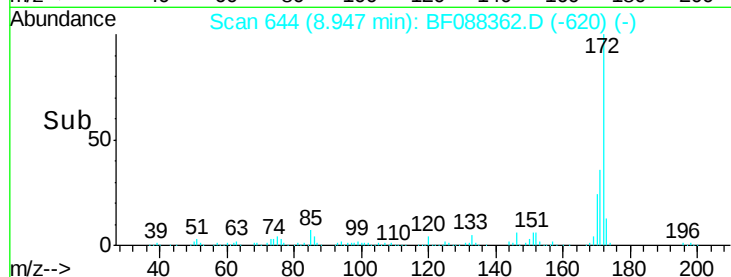
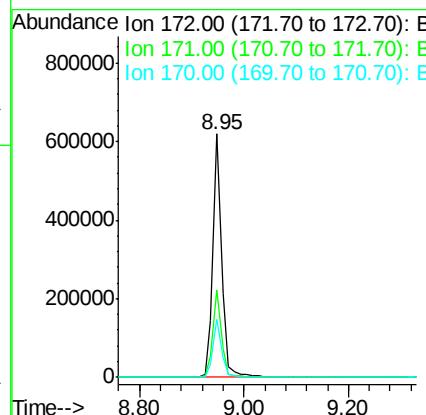
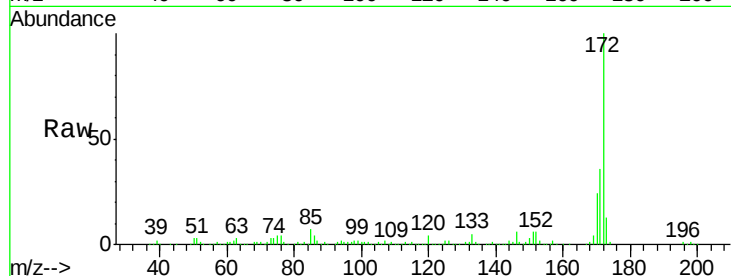
#44
 2-Fluorobiphenyl
 Concen: 96.76 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	729845		
171	35.8		28.6	43.0
170	24.0		19.2	28.8

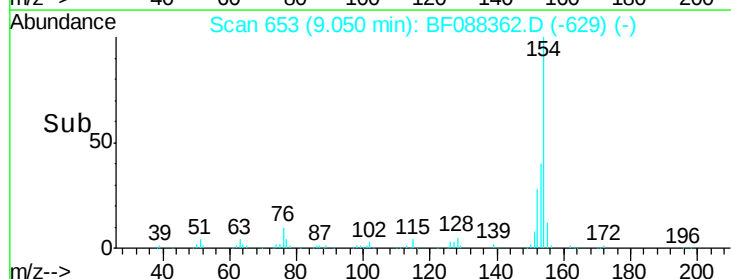
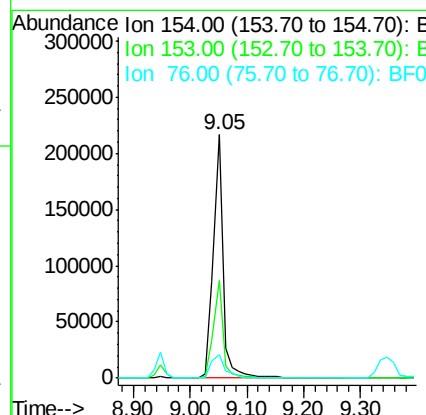
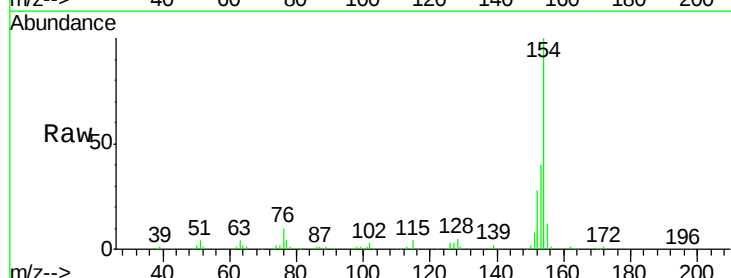
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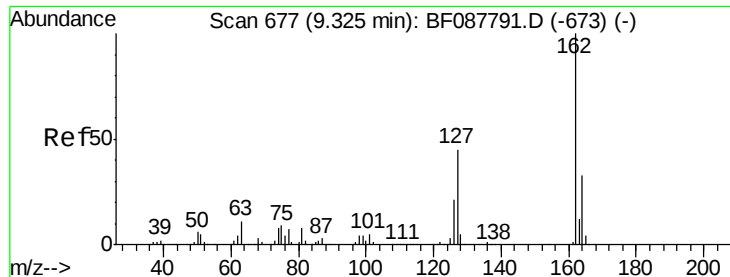
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#45
 1,1'-Biphenyl
 Concen: 25.05 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	249191		
153	40.2		20.6	60.6
76	9.6		0.0	35.1





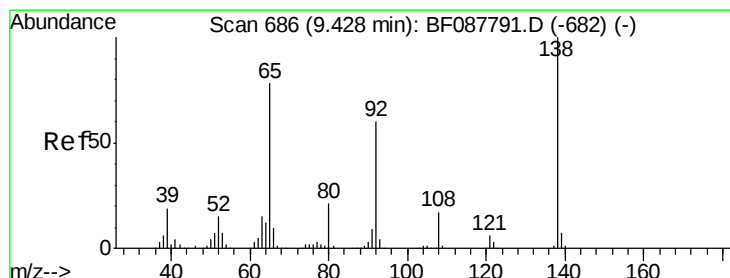
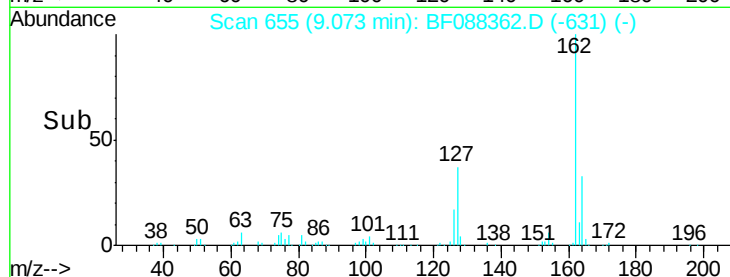
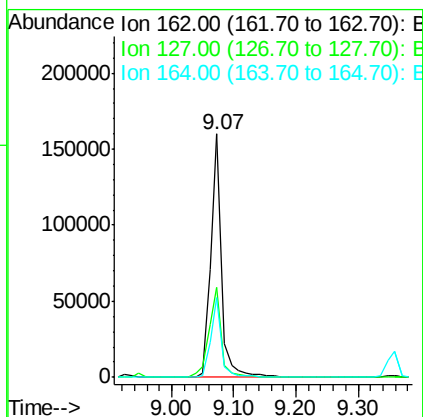
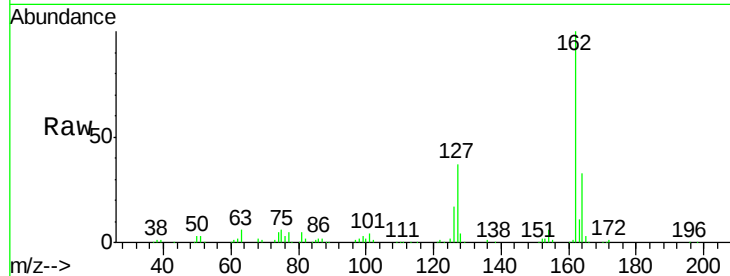
#46
 2-Chloronaphthalene
 Concen: 24.85 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	192048		
127	36.8	35.2	52.8	
164	32.9	26.6	39.8	

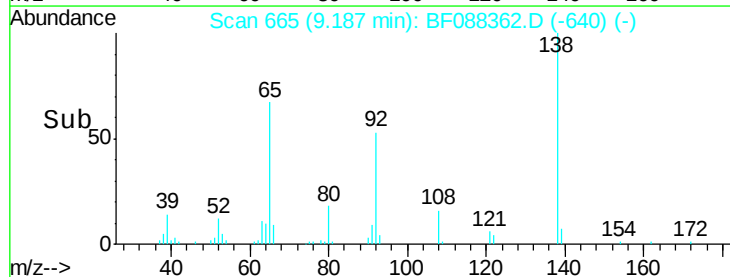
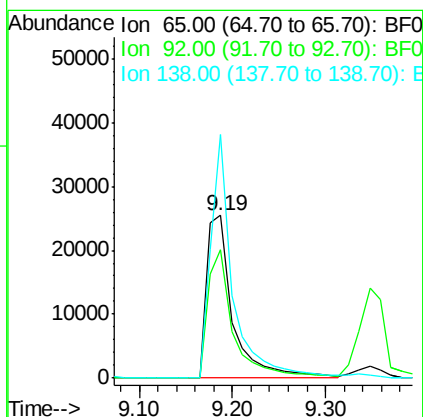
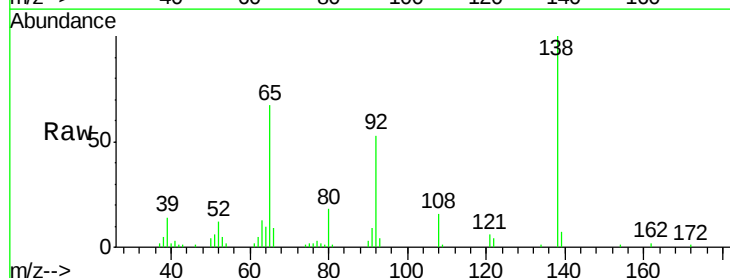
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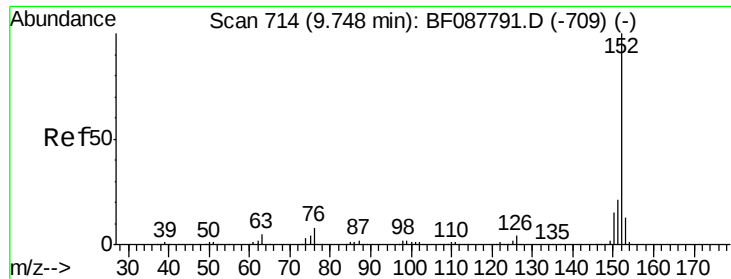
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#47
 2-Nitroaniline
 Concen: 22.07 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	50320		
92	78.9	54.6	82.0	
138	149.9	77.0	115.4	





#48

Acenaphthylene

Concen: 22.91 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088362.D

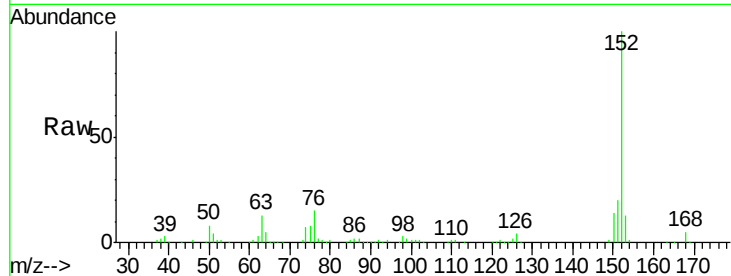
Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

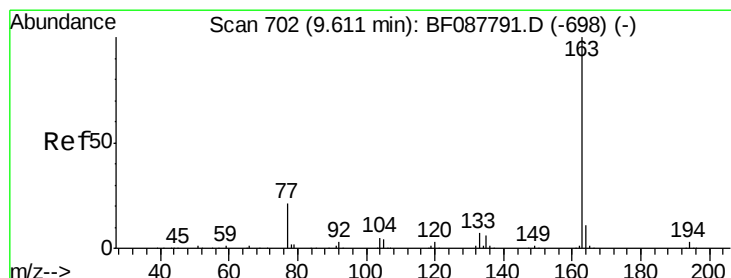
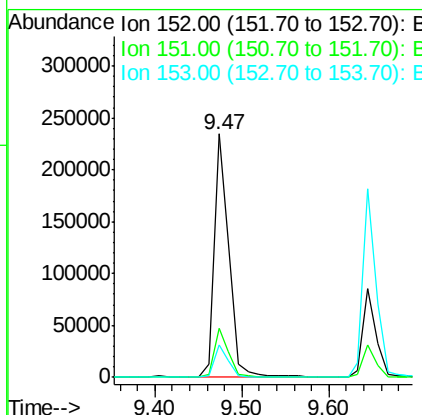
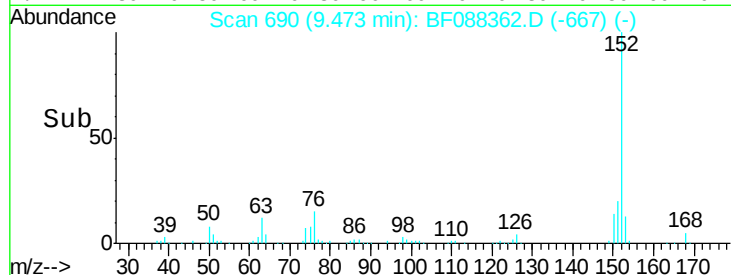
HSR-WC-55-062216MS



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.3	11.0	16.6

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#49

Dimethylphthalate

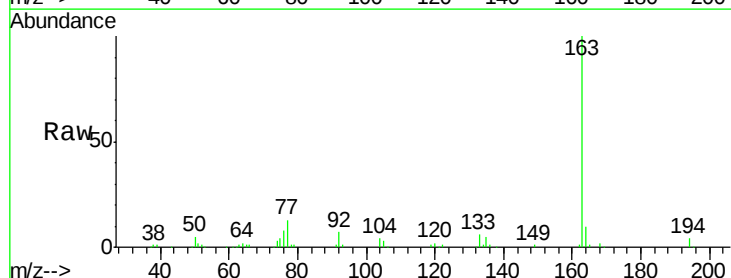
Concen: 25.94 ng

RT: 9.36 min Scan# 680

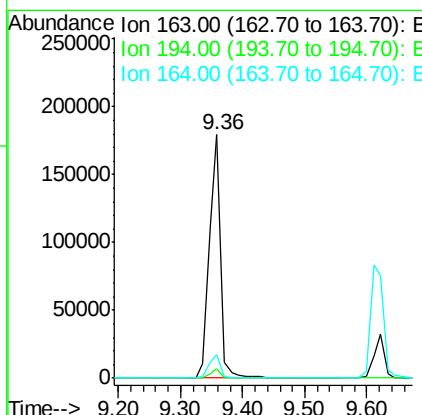
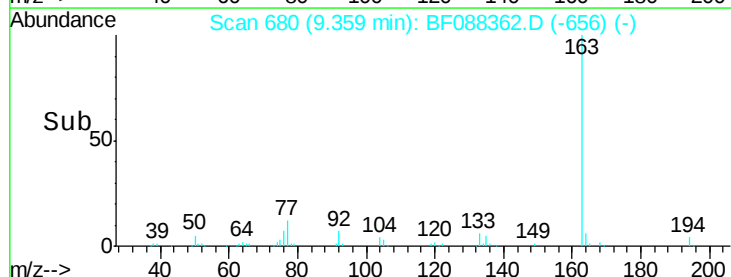
Delta R.T. -0.02 min

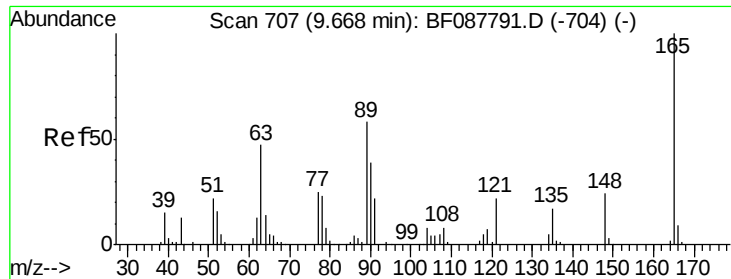
Lab File: BF088362.D

Acq: 25 Jun 2016 6:46



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





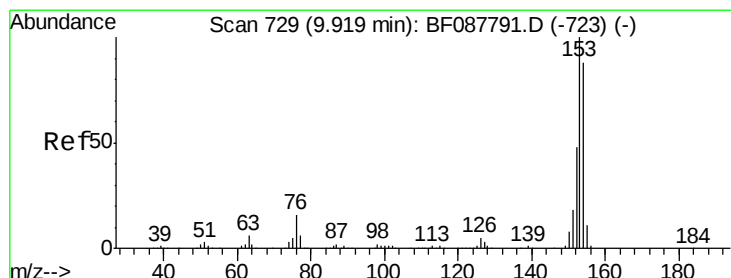
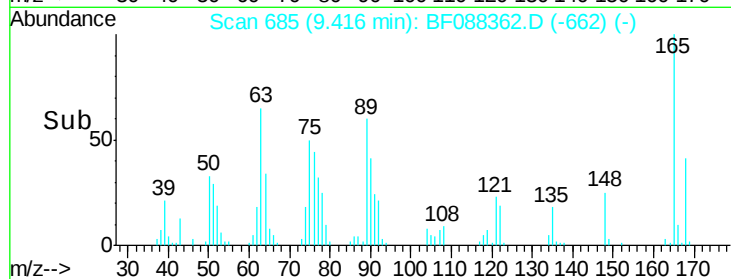
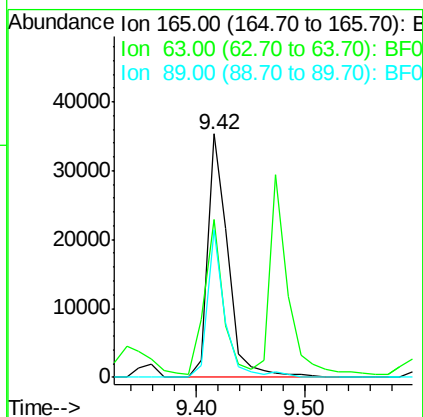
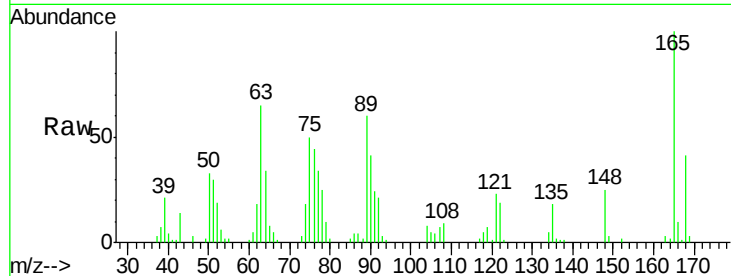
#50
2,6-Dinitrotoluene
Concen: 23.15 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	45864		
63	65.0	28.1	42.1#	
89	60.4	32.2	48.2#	

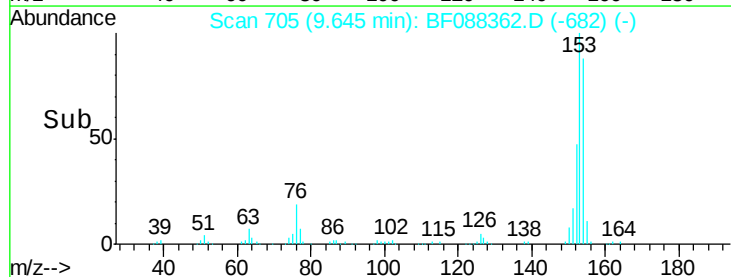
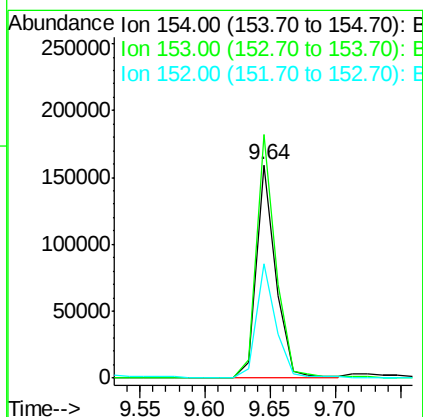
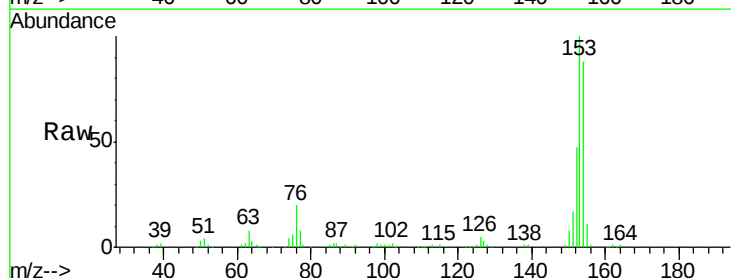
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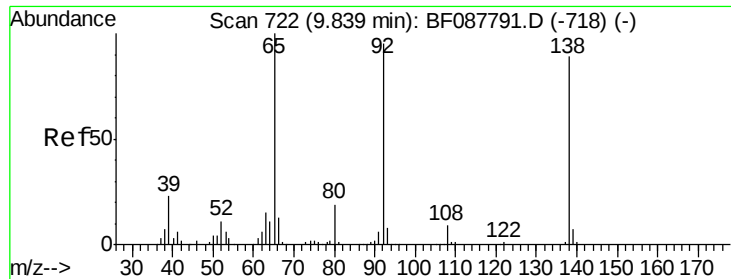
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#51
Acenaphthene
Concen: 21.87 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	167685		
153	114.1	89.5	134.3	
152	53.5	42.7	64.1	





#52

3-Nitroaniline

Concen: 12.65 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

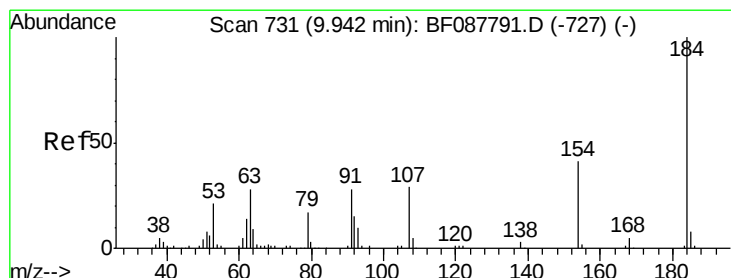
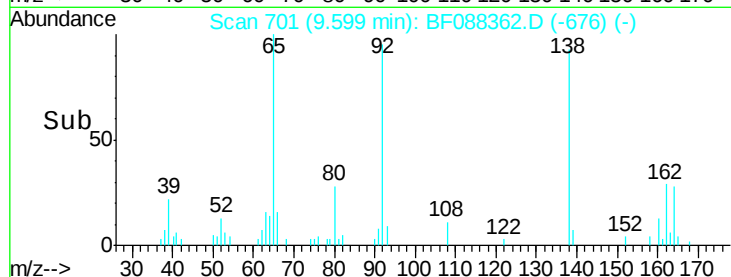
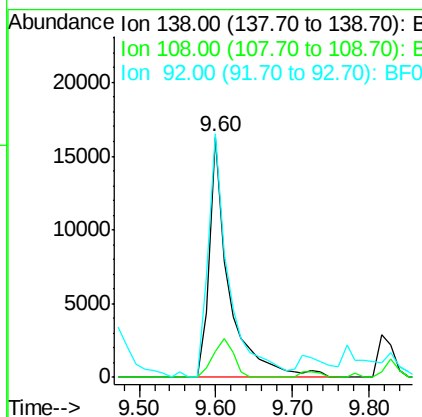
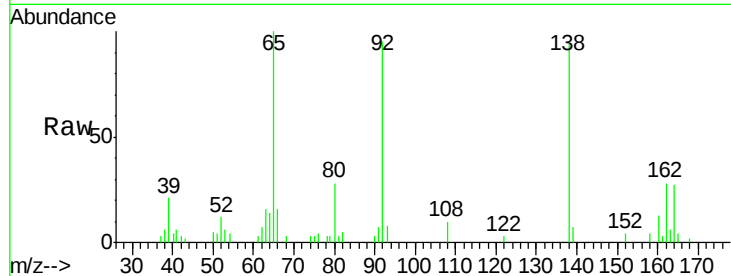
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	138	Resp:	28925
Ion Ratio	Lower	Upper	
138	100		
108	11.1	8.5	12.7
92	101.5	95.7	143.5

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#53

2,4-Dinitrophenol

Concen: 19.66 ng

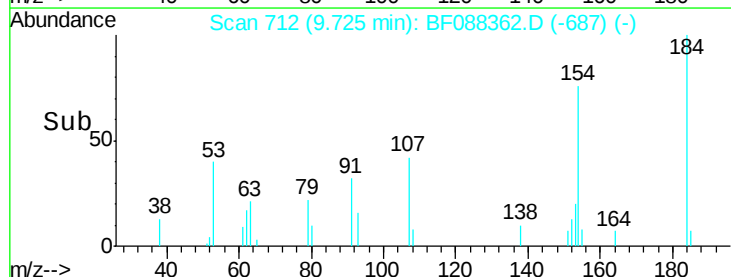
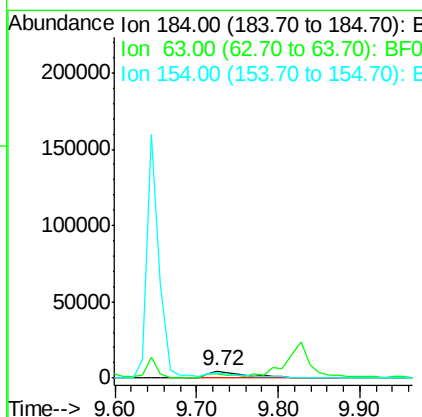
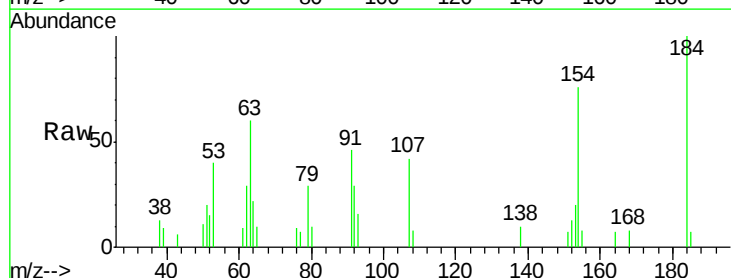
RT: 9.72 min Scan# 712

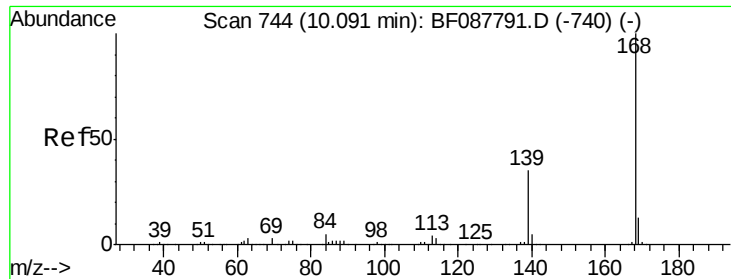
Delta R.T. -0.01 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	184	Resp:	15599
Ion Ratio	Lower	Upper	
184	100		
63	60.4	57.6	86.4
154	76.3	53.5	80.3





#54

Dibenzofuran

Concen: 23.52 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088362.D

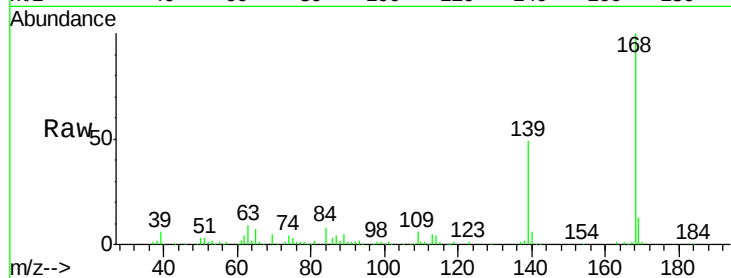
Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

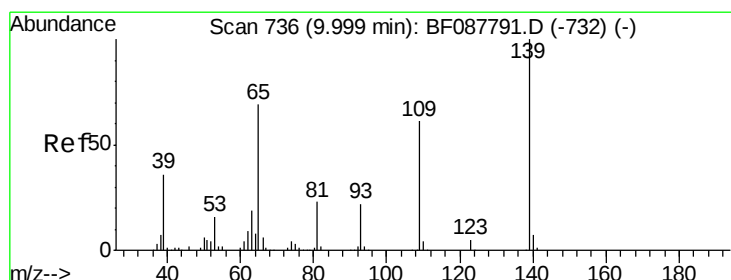
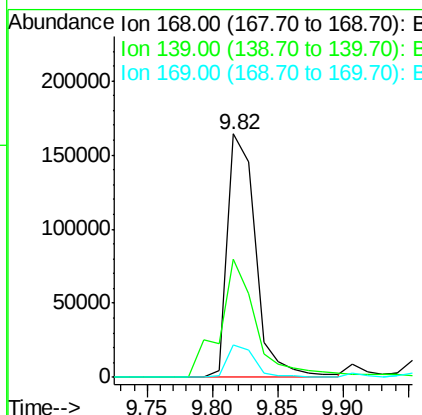
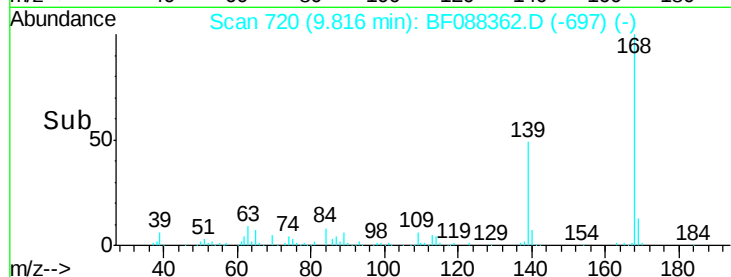
HSR-WC-55-062216MS



Tgt Ion:	168	Resp:	248391
Ion Ratio	Lower	Upper	
168	100		
139	48.6	26.4	39.6#
169	13.4	10.4	15.6

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#55

4-Nitrophenol

Concen: 18.70 ng m

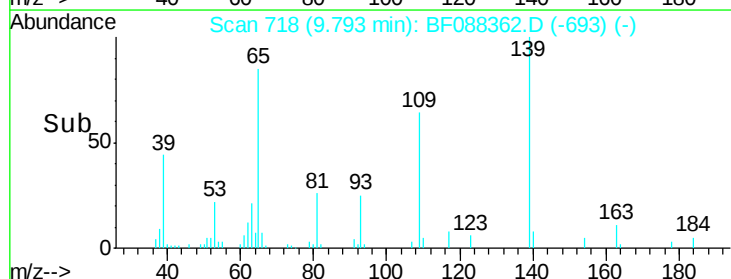
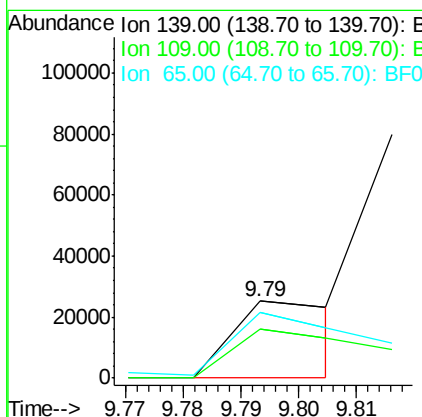
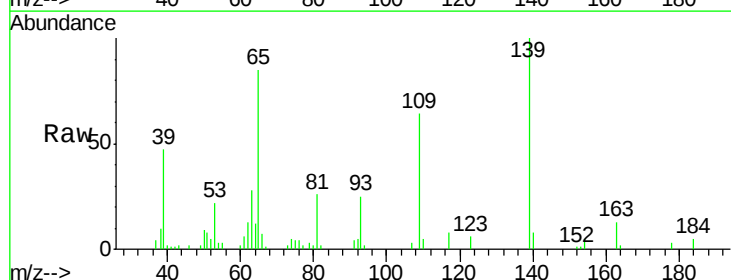
RT: 9.79 min Scan# 718

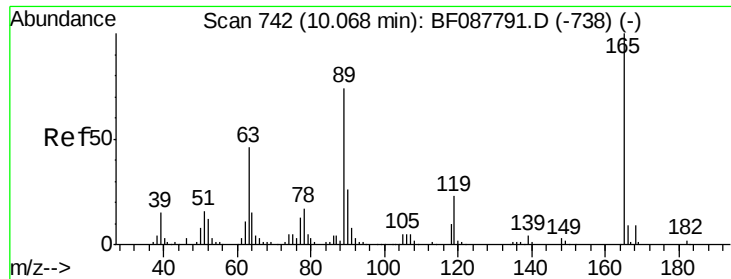
Delta R.T. -0.01 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	139	Resp:	33175
Ion Ratio	Lower	Upper	
139	100		
109	64.2	48.9	88.9
65	85.0	84.9	124.9





#56

2,4-Dinitrotoluene

Concen: 23.06 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

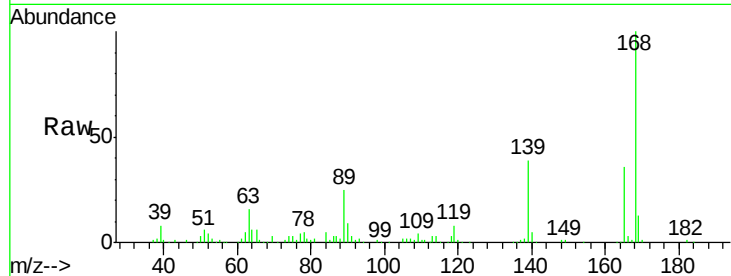
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	58718		
63	45.2	22.0	33.0#	
89	70.3	41.1	61.7#	
182	2.6	2.0	3.0	

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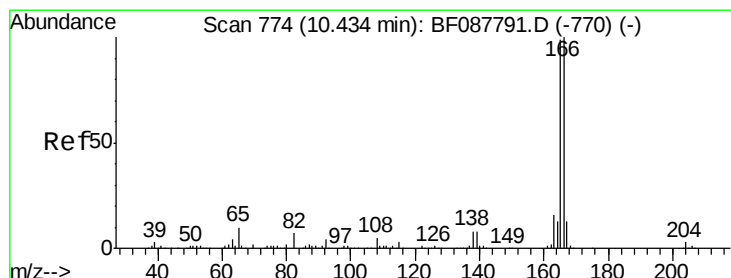
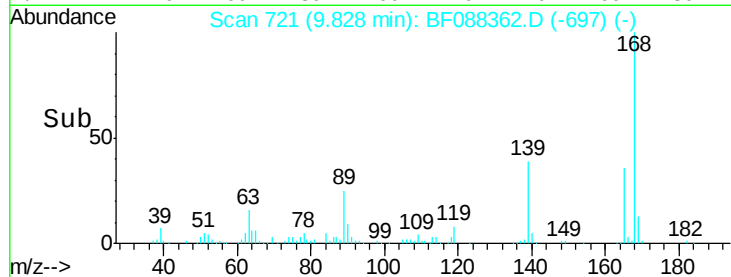
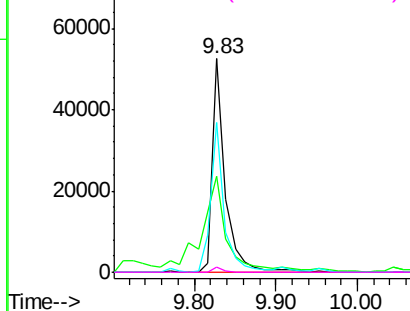


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 25.63 ng

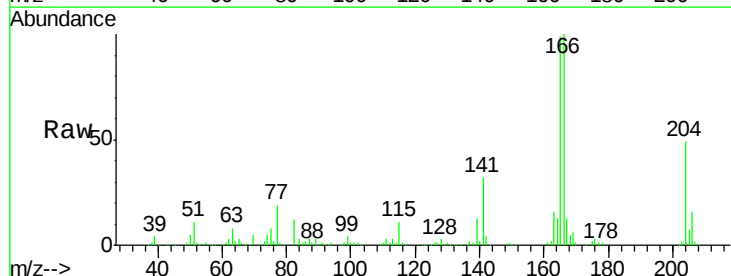
RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

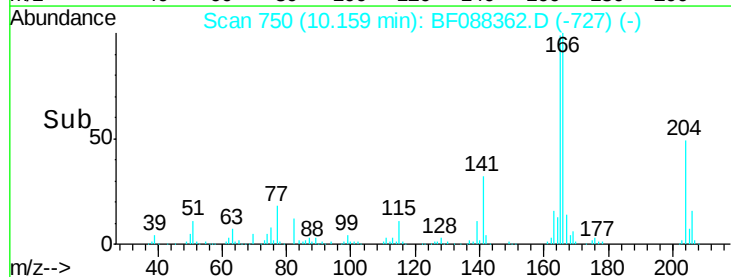
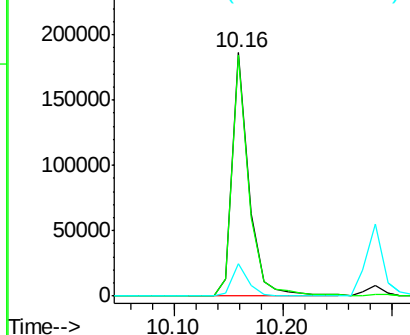
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	197782		
165	98.9	77.8	116.8	
167	13.5	11.2	16.8	

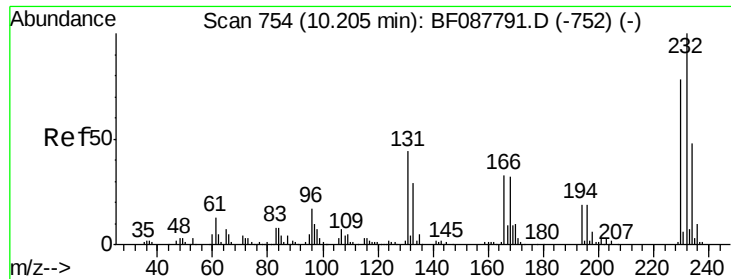


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





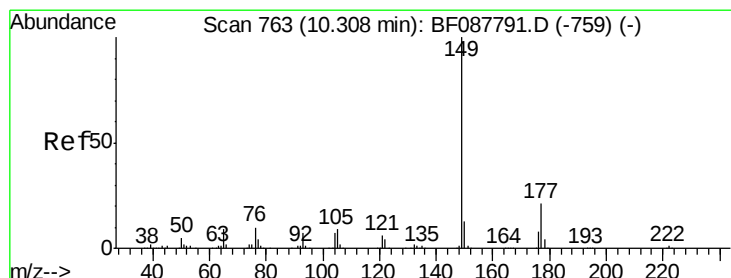
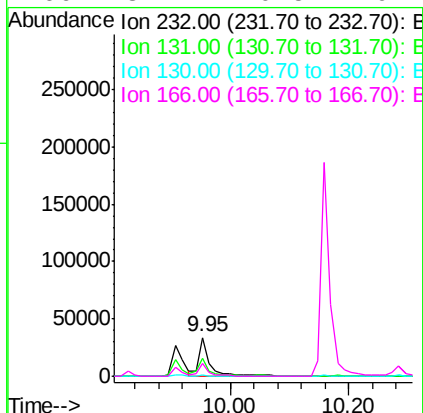
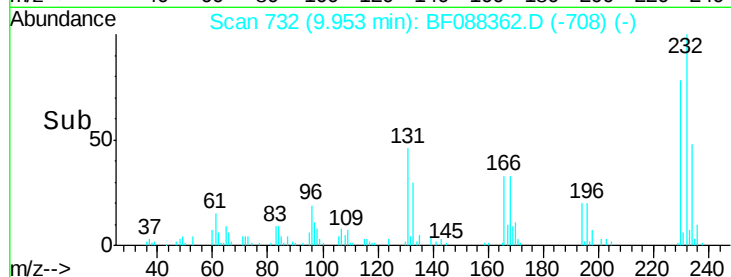
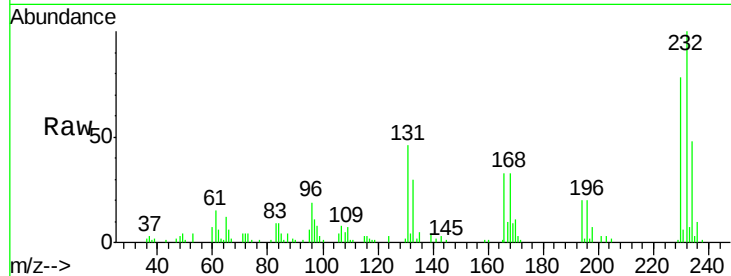
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.01 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	46880		
131	40.5	0.9	1.3#	
130	1.1	1.5	2.3#	
166	32.4	0.5	0.7#	

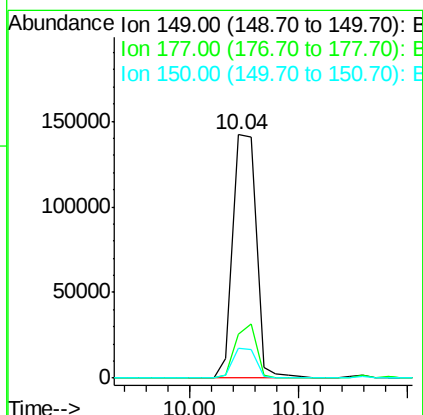
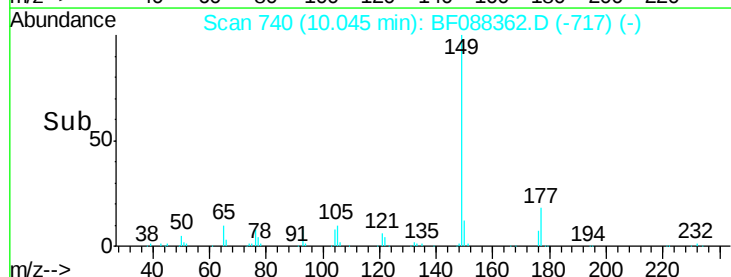
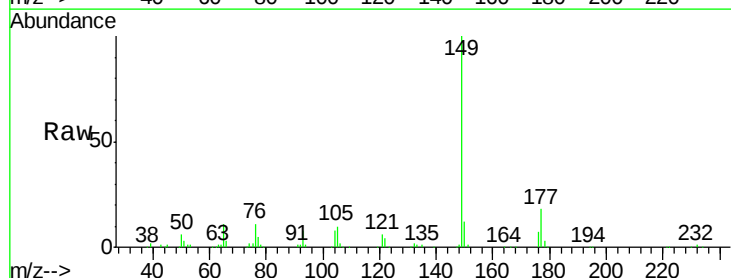
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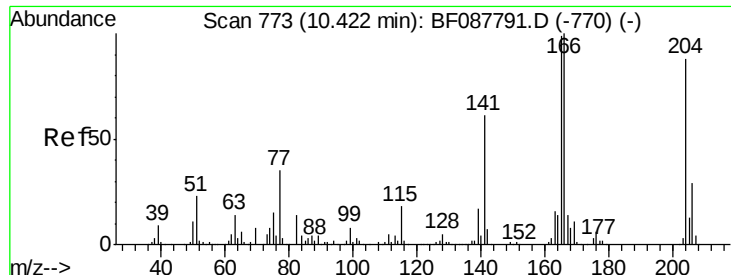
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#59
 Diethylphthalate
 Concen: 24.09 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.03 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	210934		
177	18.0	16.9	25.3	
150	12.4	10.1	15.1	





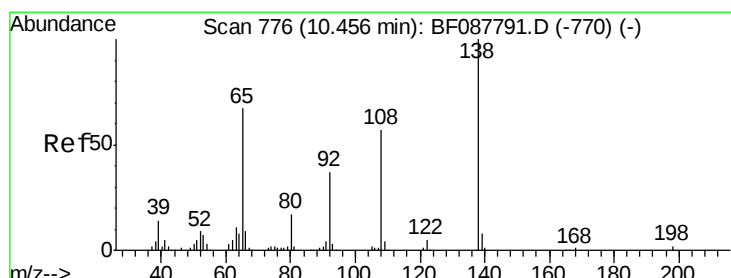
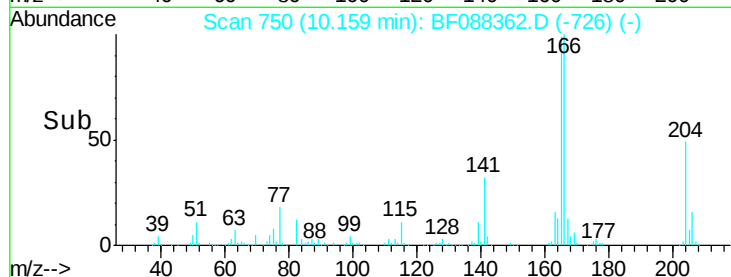
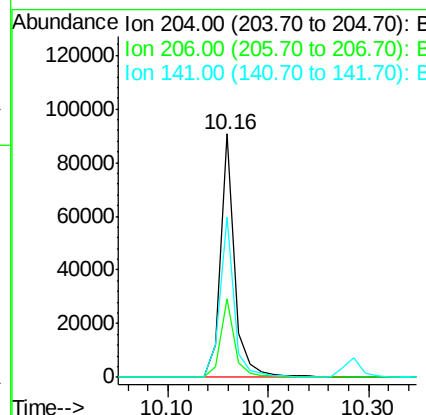
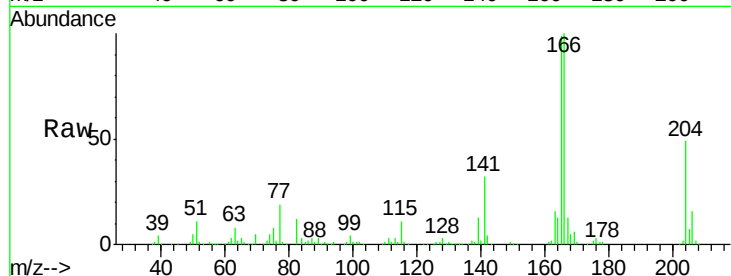
#60
 4-Chlorophenyl-phenylether
 Concen: 25.36 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion:	204	Resp:	89086
Ion Ratio	Lower	Upper	
204	100		
206	32.1	26.3	39.5
141	65.7	55.0	82.6

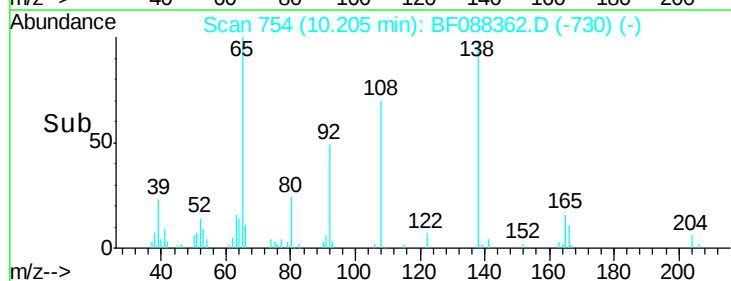
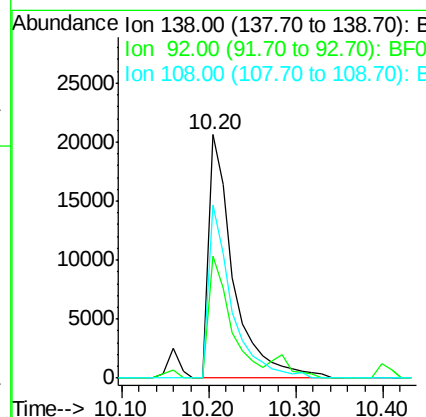
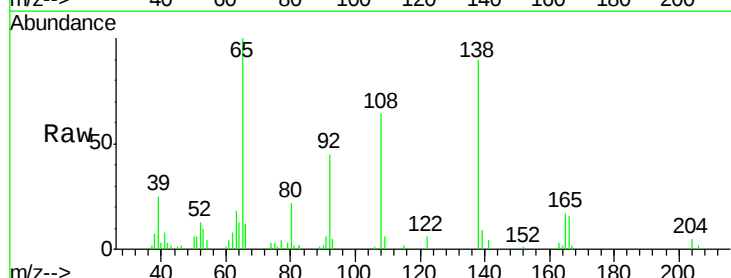
Manual Integrations
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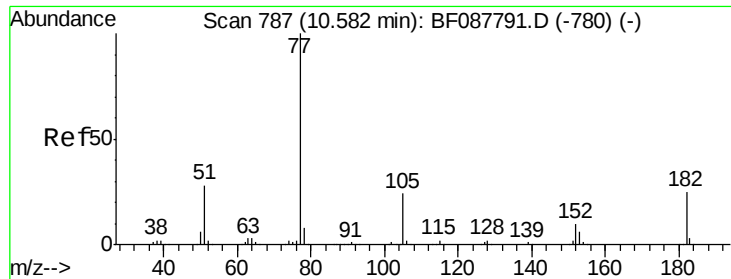
sohil
 6/27/2016 8:13:39 PM



#61
 4-Nitroaniline
 Concen: 18.79 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion:	138	Resp:	40756
Ion Ratio	Lower	Upper	
138	100		
92	50.3	27.3	67.3
108	71.2	46.7	86.7





#62

Azobenzene

Concen: 23.55 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

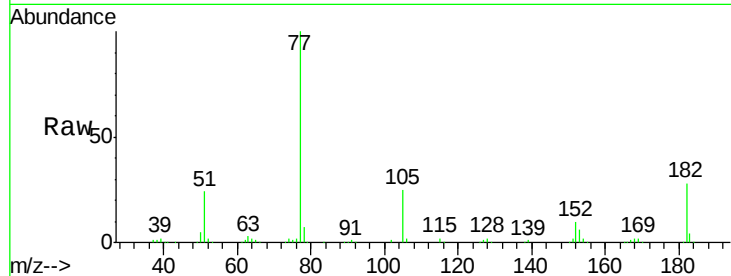
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	203986		
182	28.1	4.4	44.4	
105	24.6	3.8	43.8	
51	24.3	9.3	49.3	

Manual Integrations
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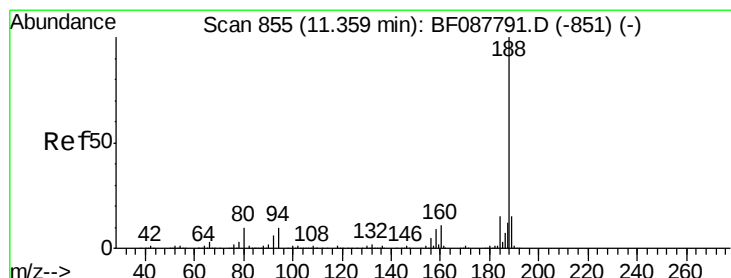
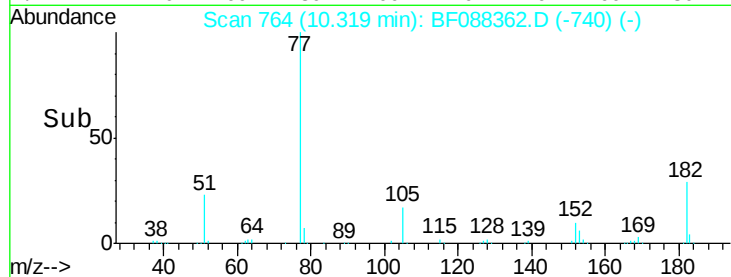
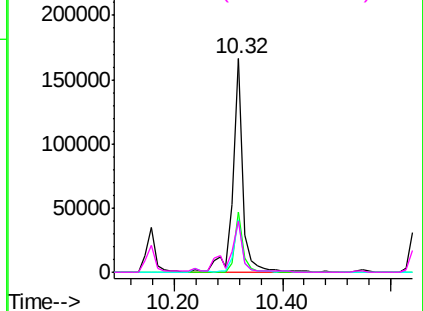


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

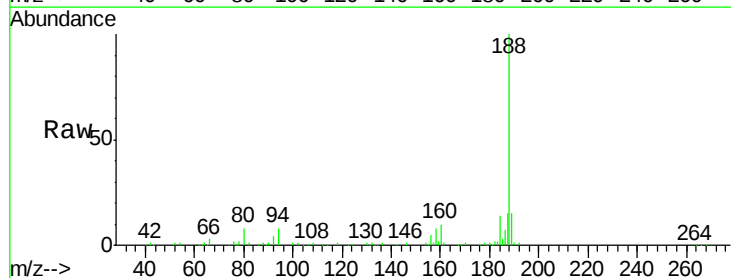
RT: 11.10 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

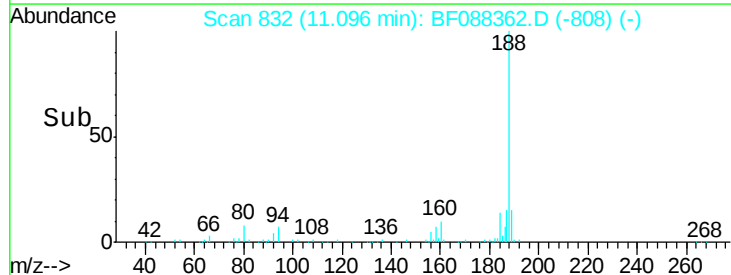
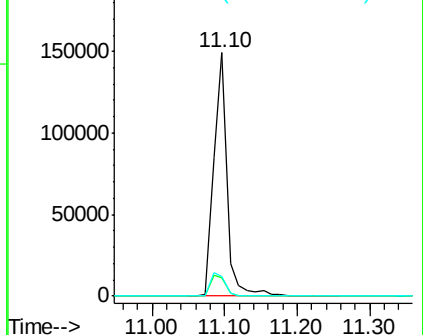
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	188808		
94	7.8	9.0	13.6#	
80	8.1	10.0	15.0#	

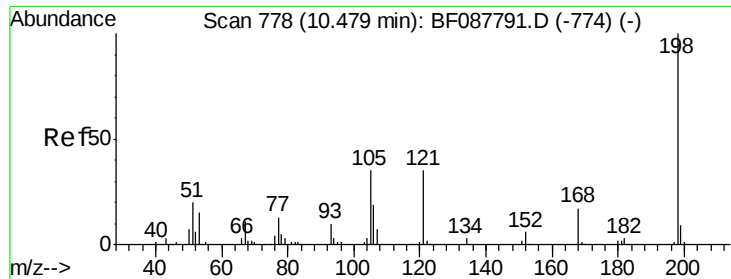


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





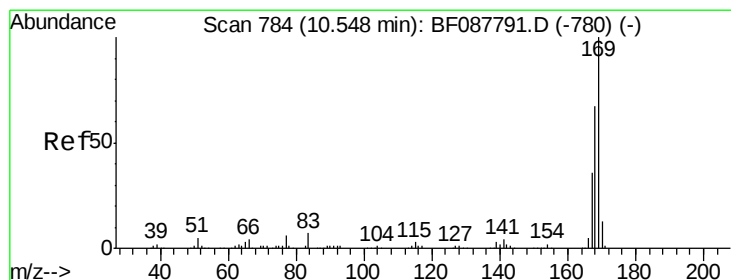
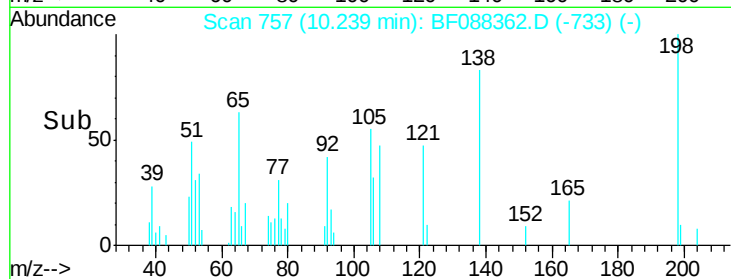
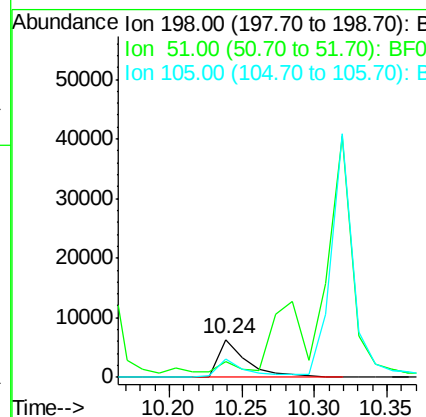
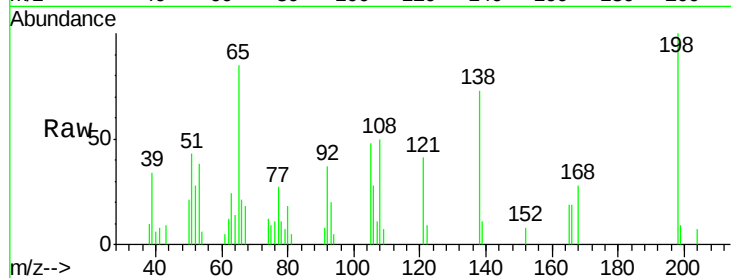
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.16 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	8632		
51	43.1		39.6	79.6
105	48.2		36.6	76.6

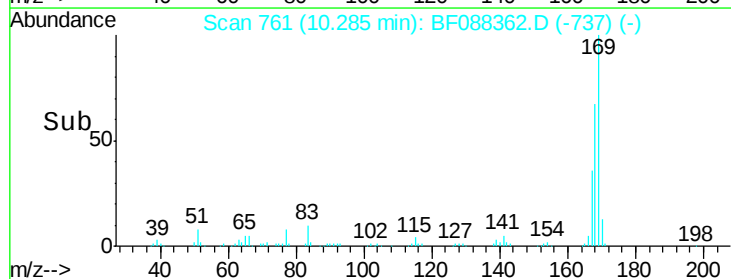
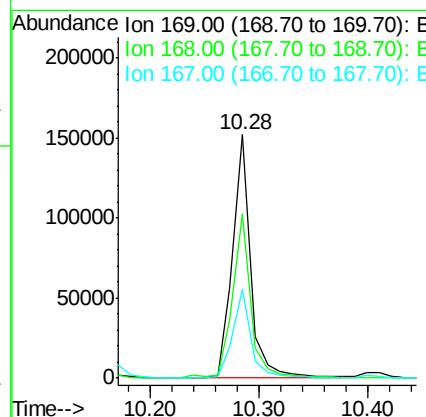
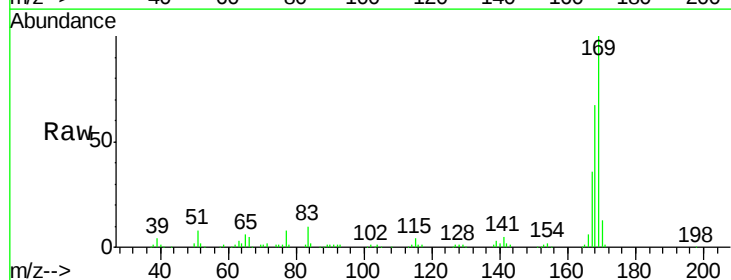
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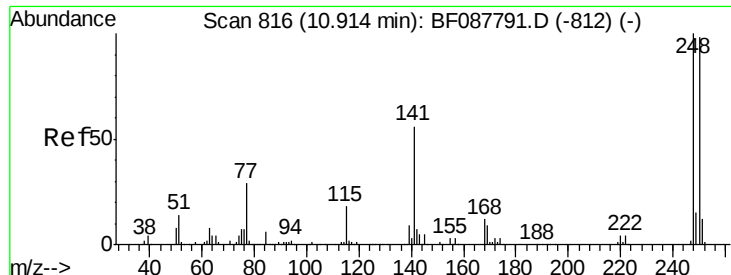
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#65
 n-Nitrosodiphenylamine
 Concen: 28.02 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	175535		
168	67.3		53.4	80.0
167	36.3		29.4	44.0





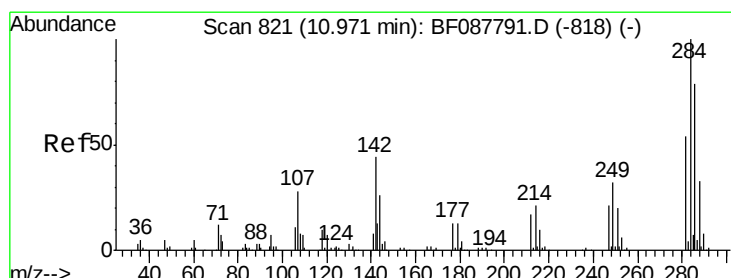
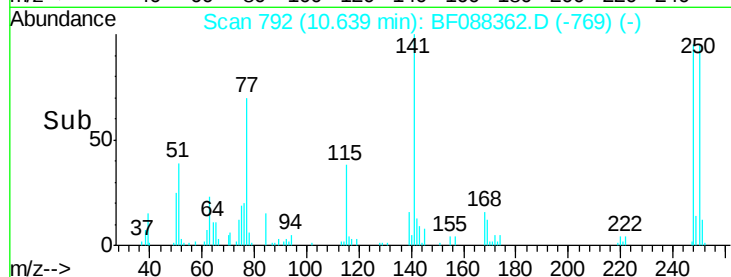
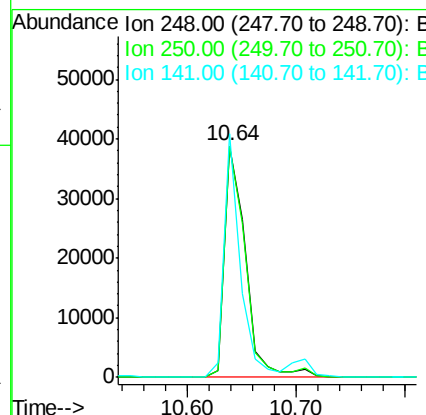
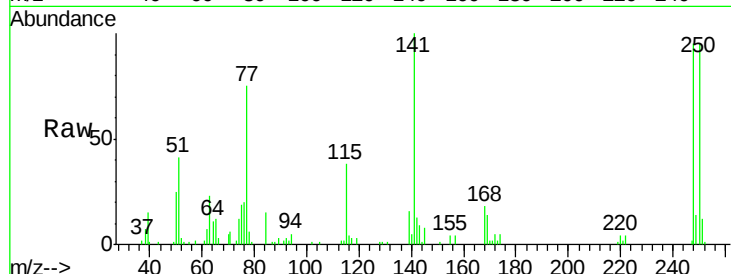
#66
4-Bromophenyl-phenylether
Concen: 25.80 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	52258		
250	99.7	77.1	115.7	
141	105.4	50.6	76.0	

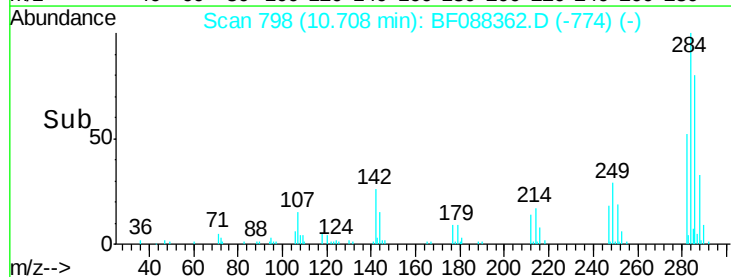
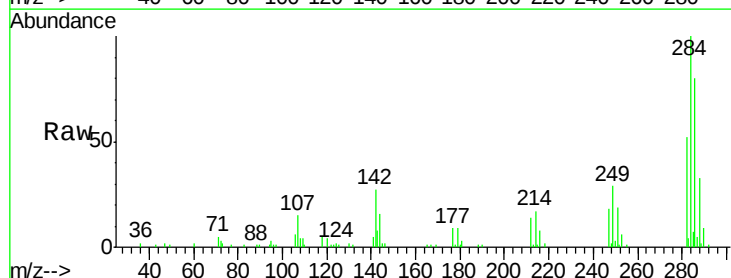
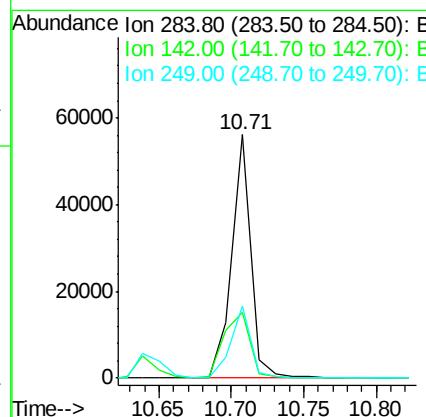
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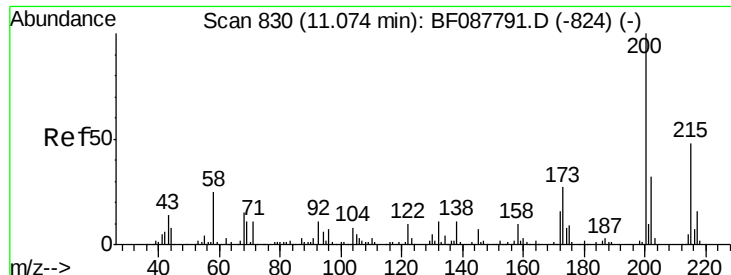
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#67
Hexachlorobenzene
Concen: 24.39 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	51322		
142	27.1	35.8	53.8	
249	29.4	25.8	38.6	





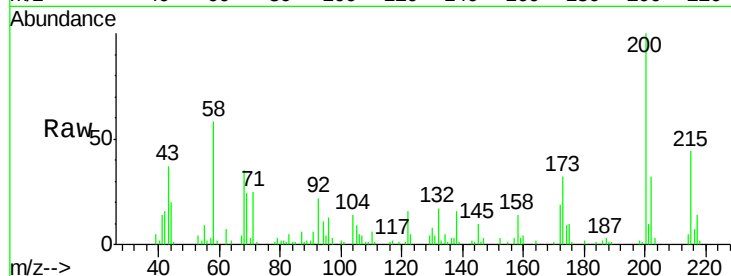
#68
Atrazine
Concen: 22.17 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

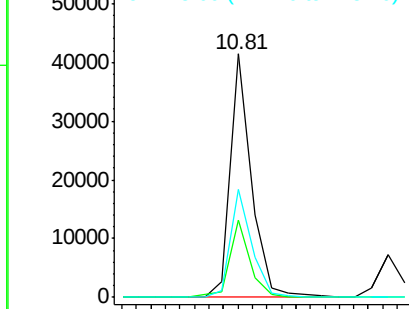
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	42063		
173	31.7	4.0	44.0	
215	44.2	29.3	69.3	

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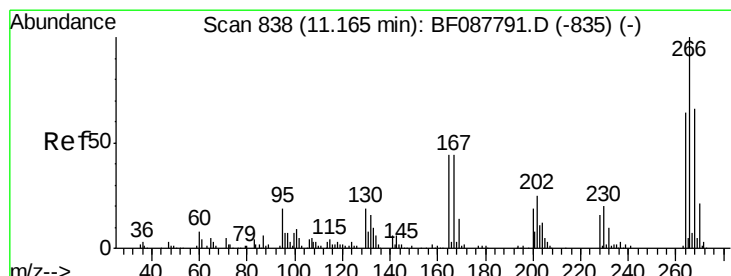
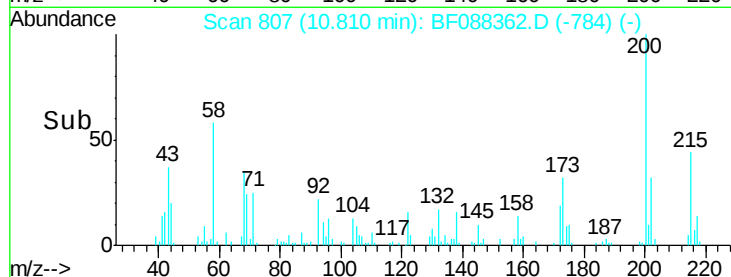
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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

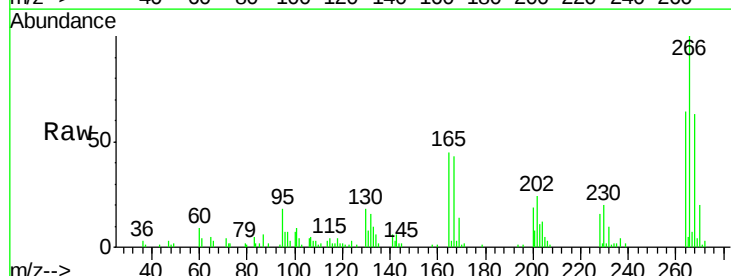


Time-->

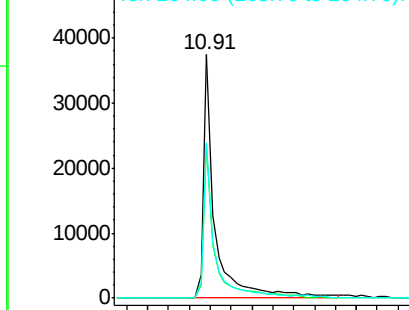


#69
Pentachlorophenol
Concen: 52.01 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

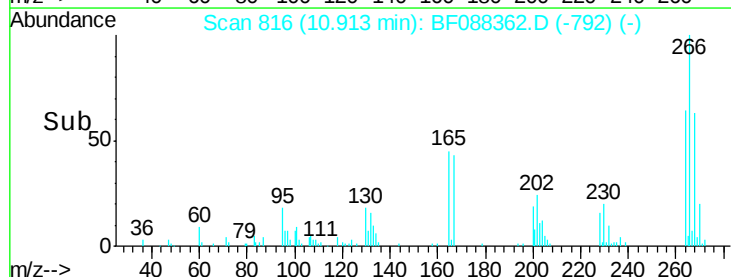
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	57701		
268	62.8	52.8	79.2	
264	63.7	49.6	74.4	

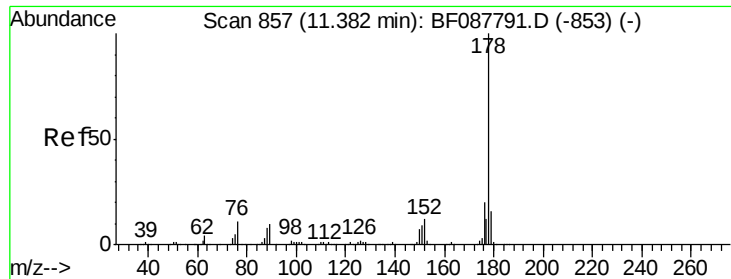


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->





#70

Phenanthrene

Concen: 24.01 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

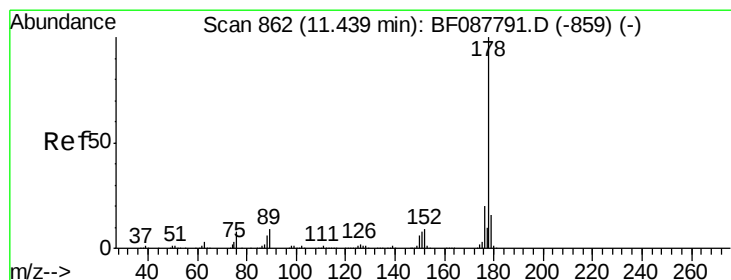
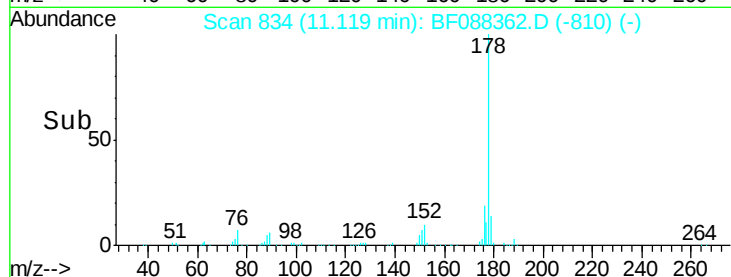
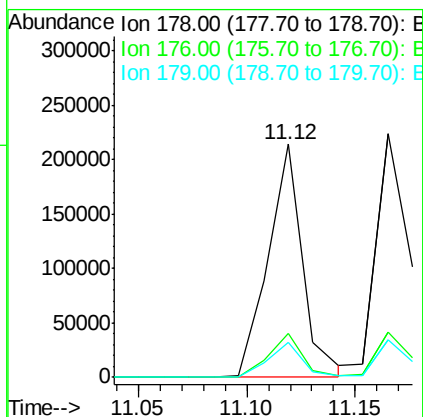
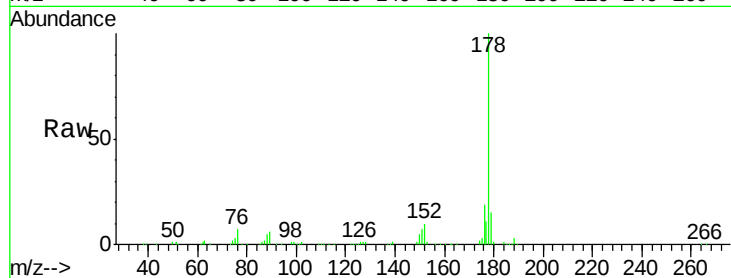
ClientSampleId :

HSR-WC-55-062216MS

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Tgt Ion:	178	Resp:	237875
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.8	23.6
179	15.1	13.0	19.4



#71

Anthracene

Concen: 26.71 ng

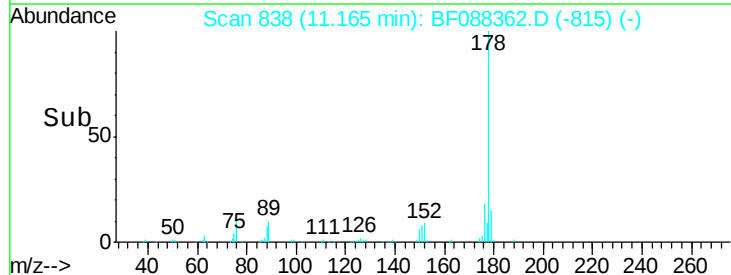
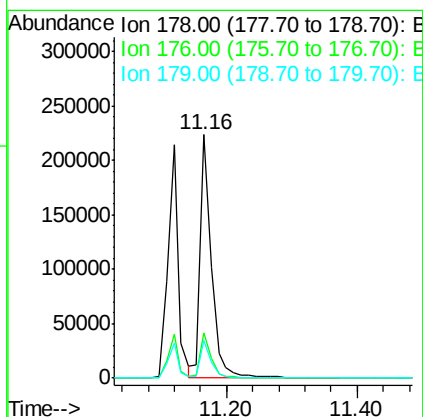
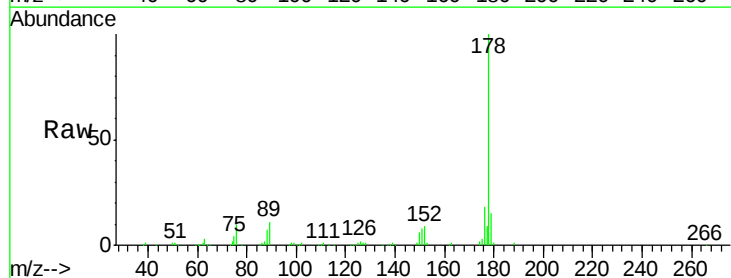
RT: 11.16 min Scan# 838

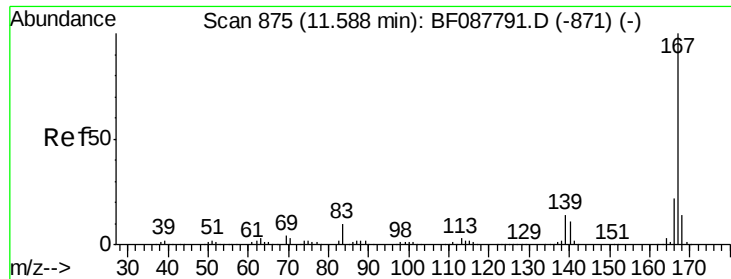
Delta R.T. -0.03 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	178	Resp:	266910
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.6	23.4
179	15.4	12.8	19.2





#72

Carbazole

Concen: 24.46 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF088362.D

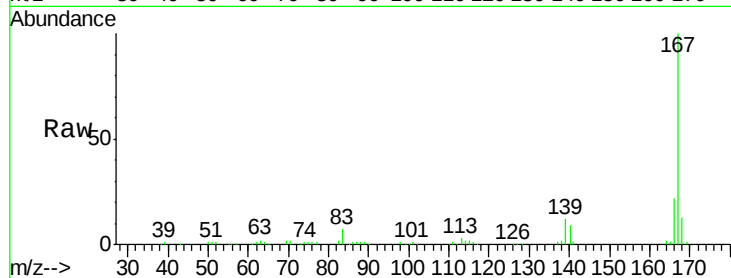
Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

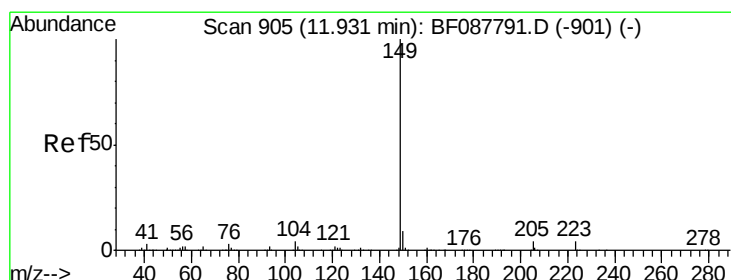
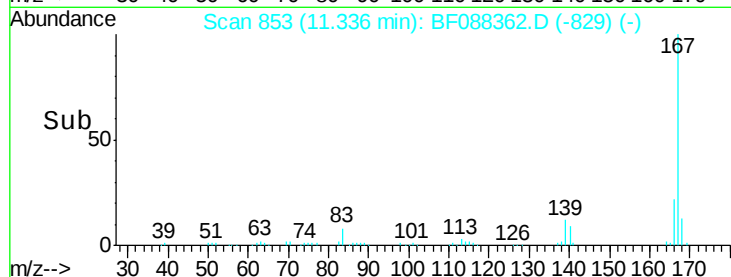
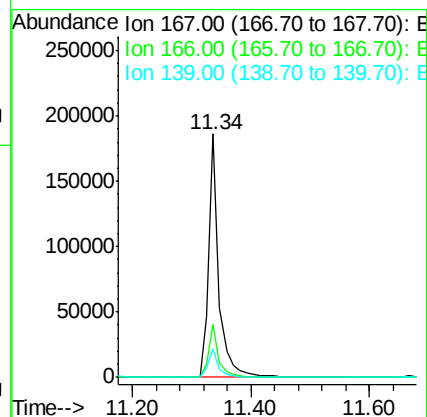
HSR-WC-55-062216MS



Tgt Ion:	167	Resp:	228782
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.8	26.6
139	12.0	11.2	16.8

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 26.67 ng

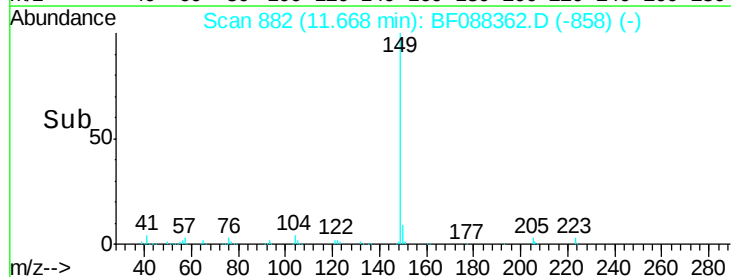
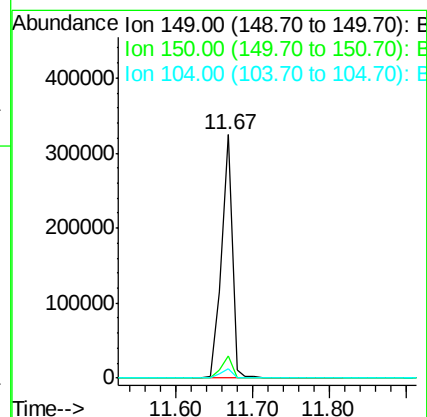
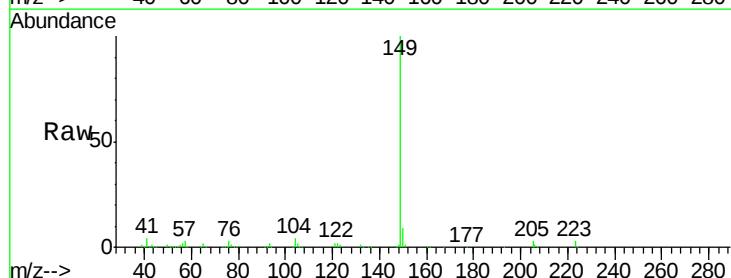
RT: 11.67 min Scan# 882

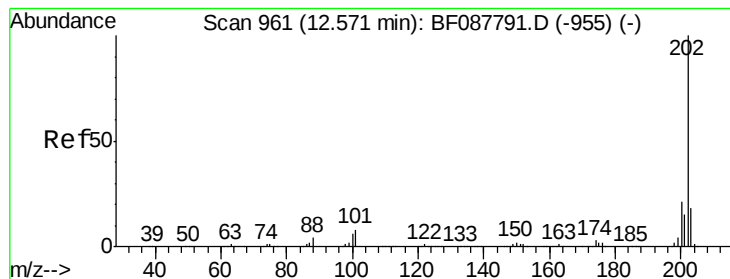
Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	149	Resp:	315737
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	3.9	4.0	6.0#





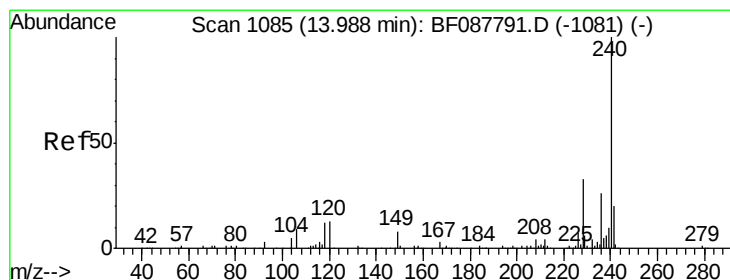
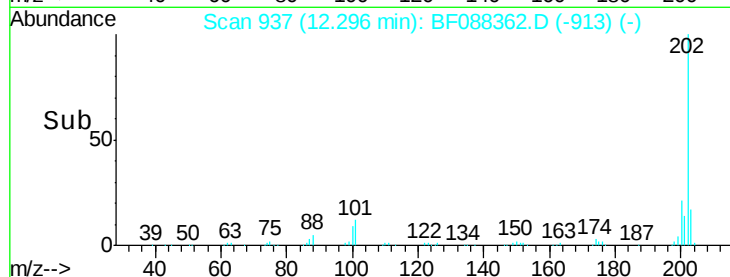
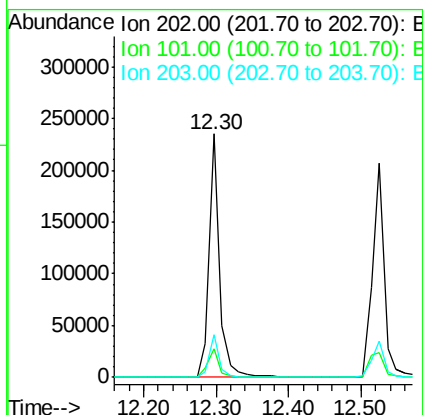
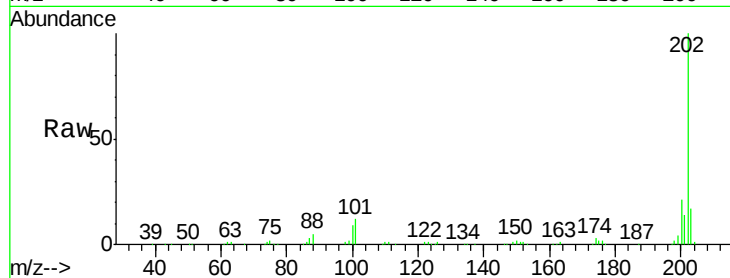
#74
 Fluoranthene
 Concen: 22.73 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

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

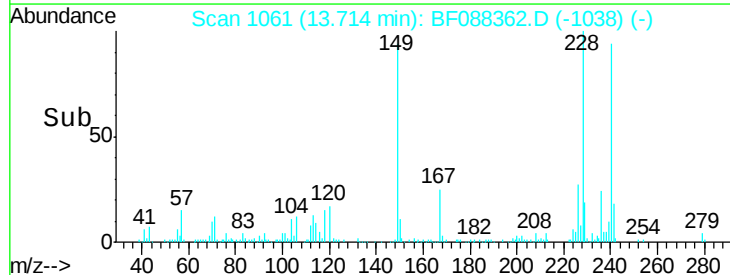
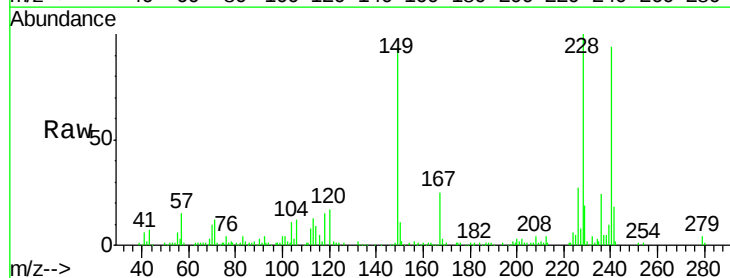
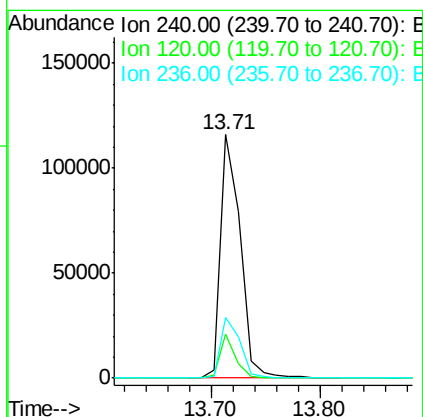
Manual Integrations
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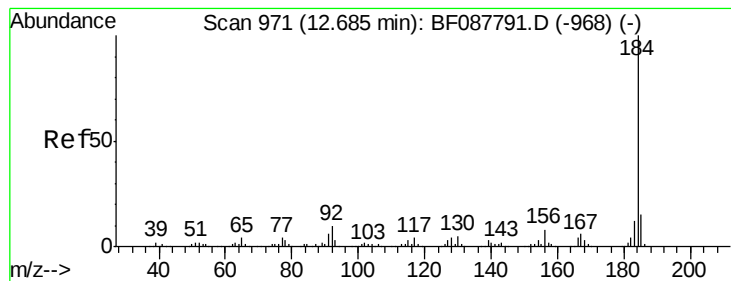
sohil
 6/27/2016 8:13:39 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.03 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	17.8	6.8	10.2#
236	25.0	20.2	30.2





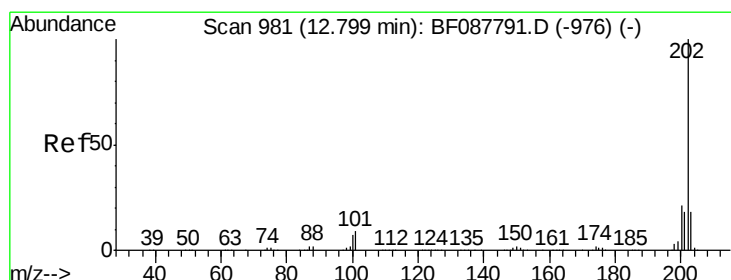
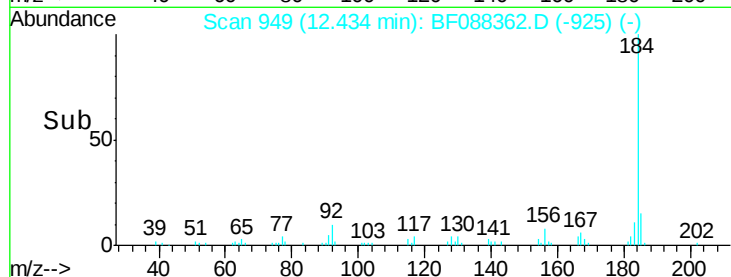
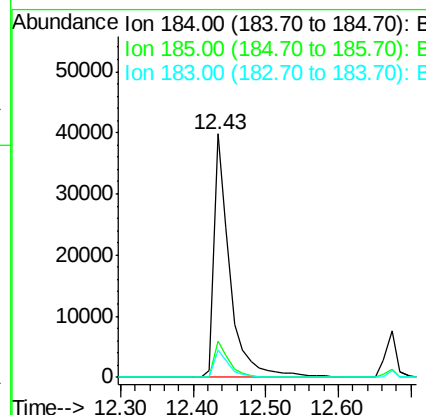
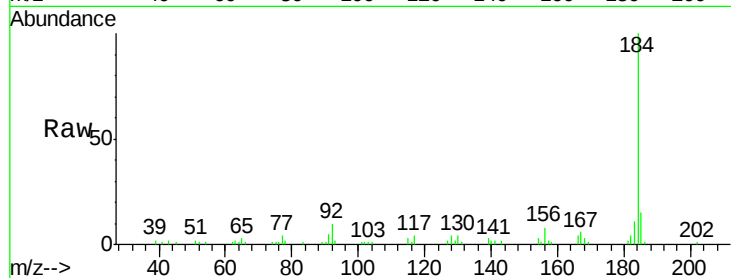
#76
Benzidine
Concen: 14.83 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	60115		
185	15.1		12.5	18.7
183	11.2		9.3	13.9

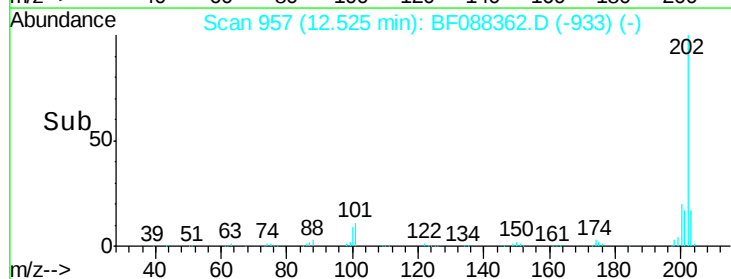
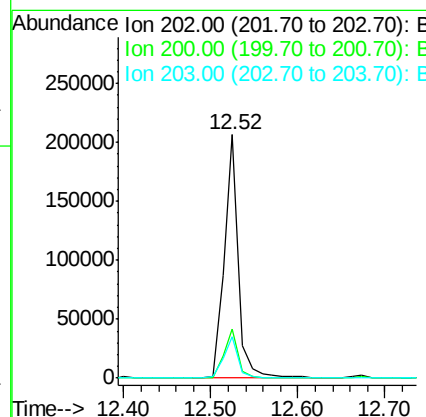
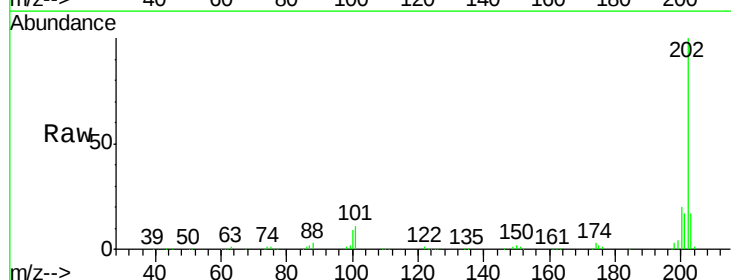
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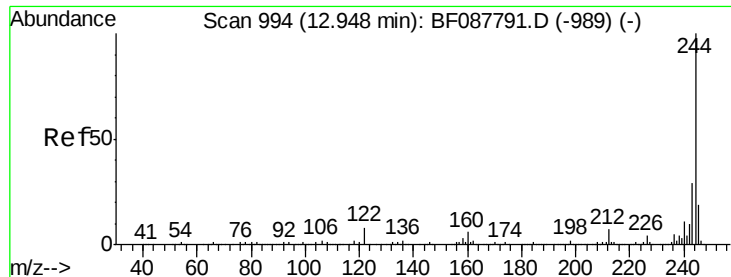
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#77
Pyrene
Concen: 21.69 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	235655		
200	20.4		17.4	26.2
203	17.2		14.5	21.7





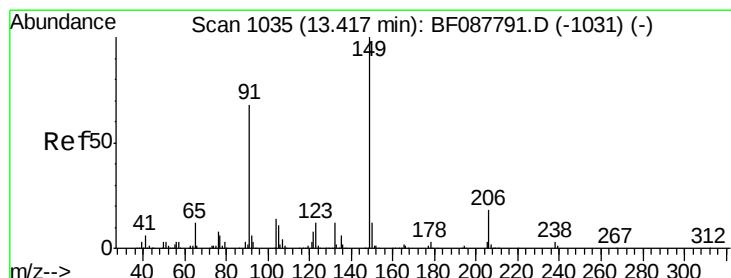
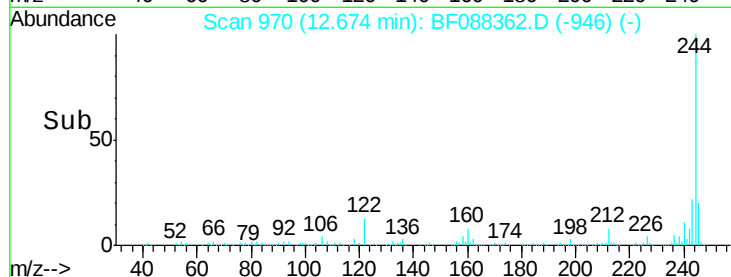
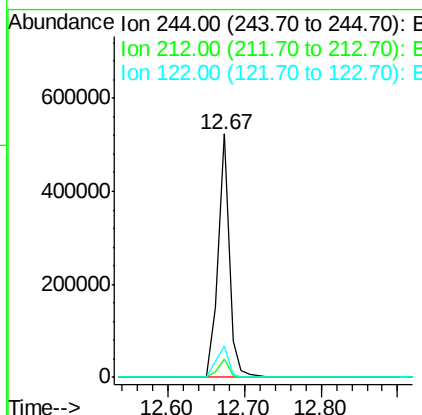
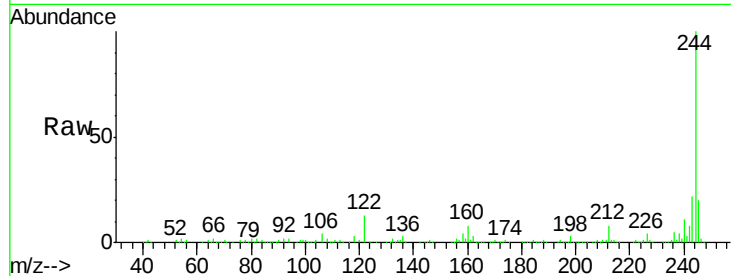
#78
 Terphenyl-d14
 Concen: 83.58 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	537693		
212	7.6	6.0	9.0	
122	13.0	11.2	16.8	

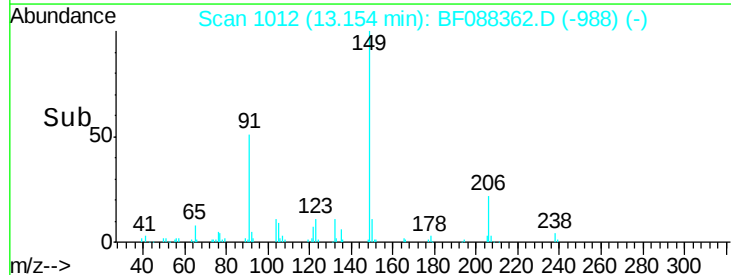
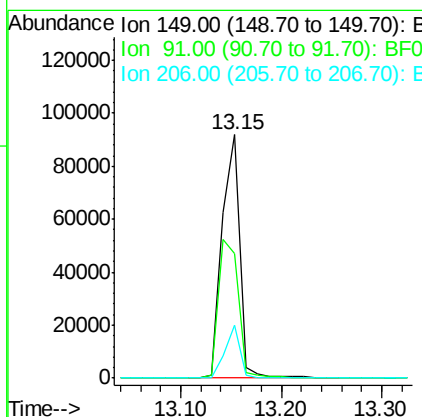
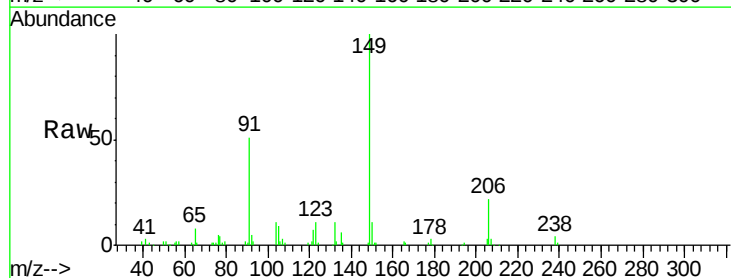
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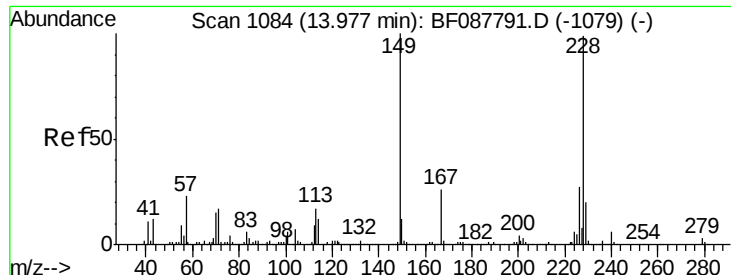
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#79
 Butylbenzylphthalate
 Concen: 23.32 ng
 RT: 13.15 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	112014		
91	51.1	48.0	72.0	
206	21.7	16.0	24.0	





#80

Benzo(a)anthracene

Concen: 23.53 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

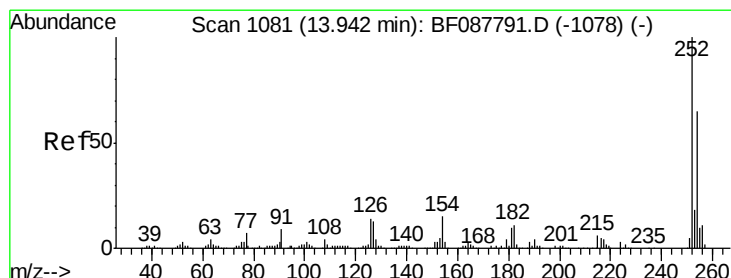
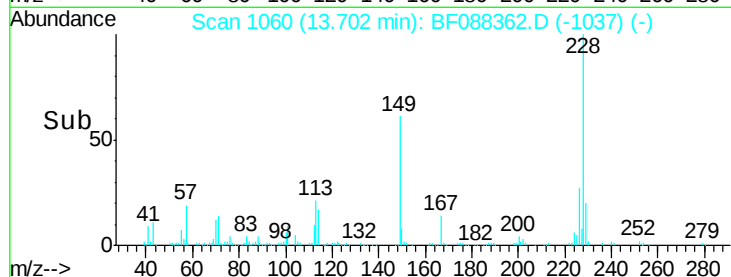
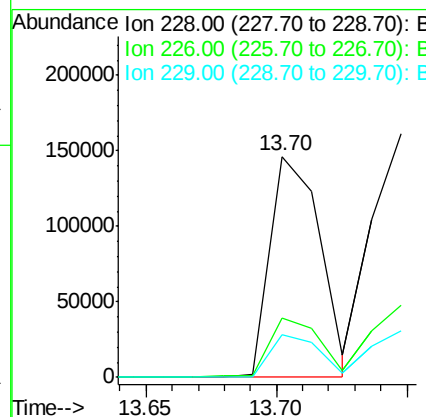
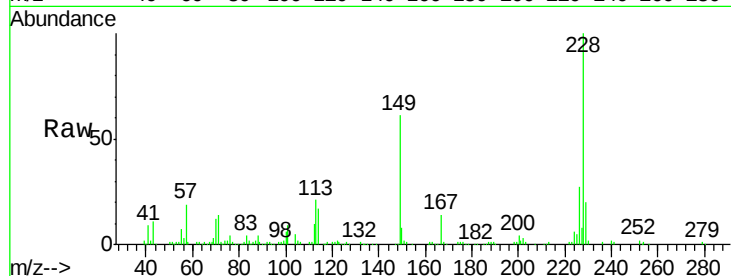
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	228	Resp:	196281
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.3	33.5
229	19.5	16.0	24.0

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#81

3,3'-Dichlorobenzidine

Concen: 29.51 ng

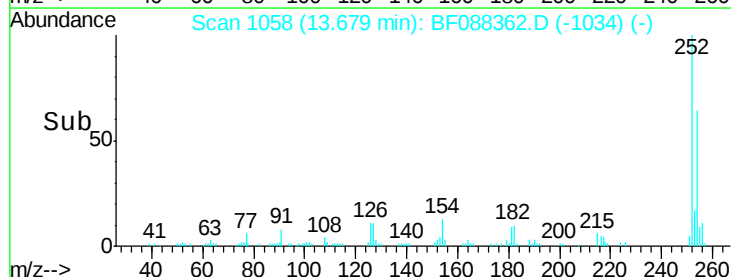
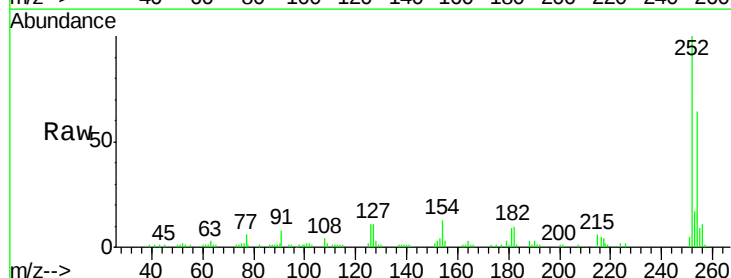
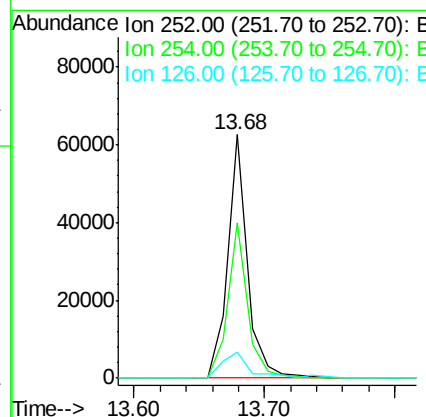
RT: 13.68 min Scan# 1058

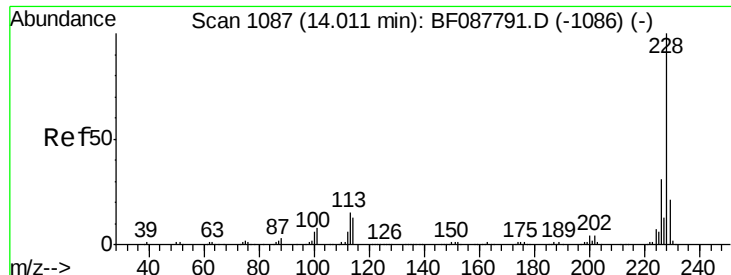
Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	252	Resp:	66198
Ion Ratio	Lower	Upper	
252	100		
254	63.7	52.6	78.8
126	10.8	6.2	9.2#





#82

Chrysene

Concen: 26.70 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

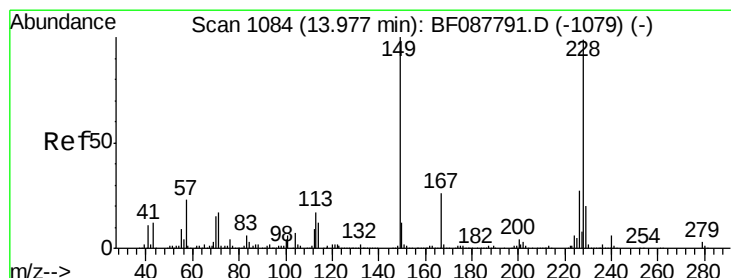
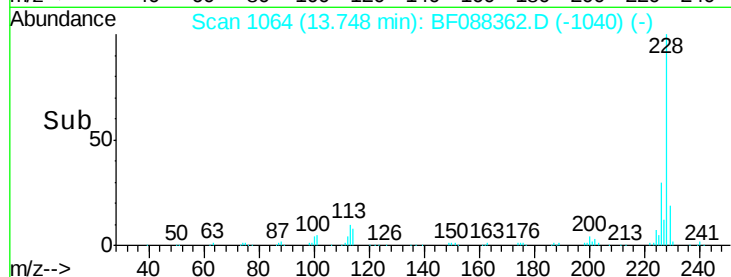
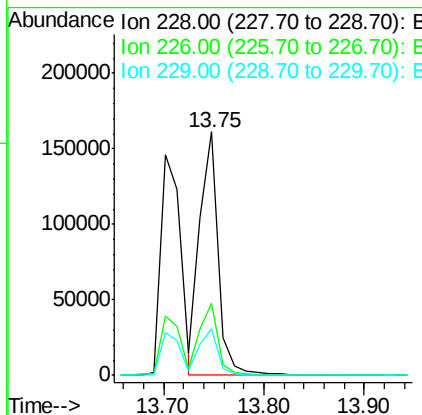
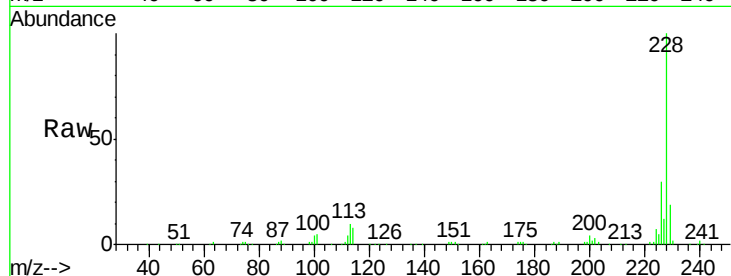
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	228	Resp:	209533
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.4	38.2
229	18.9	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 24.96 ng

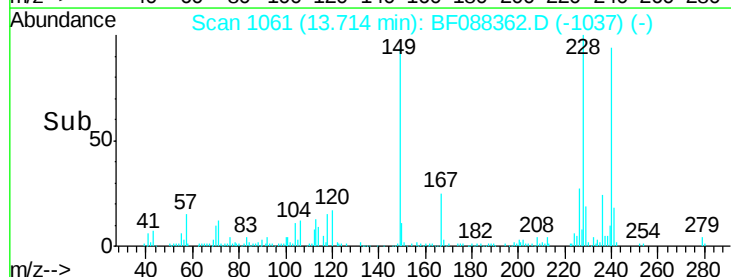
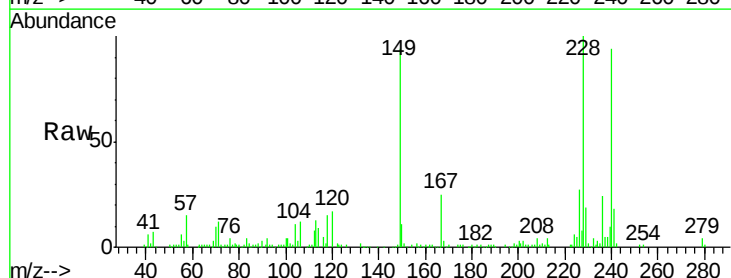
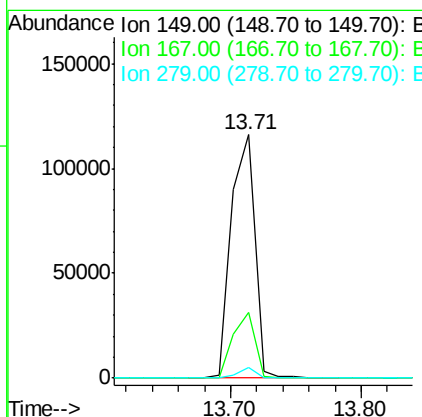
RT: 13.71 min Scan# 1061

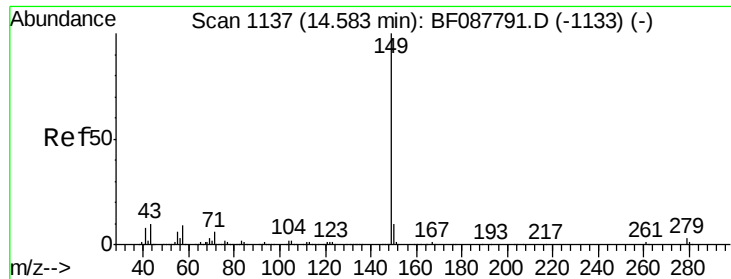
Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:	149	Resp:	145935
Ion Ratio	Lower	Upper	
149	100		
167	26.8	20.5	30.7
279	4.3	2.0	3.0#





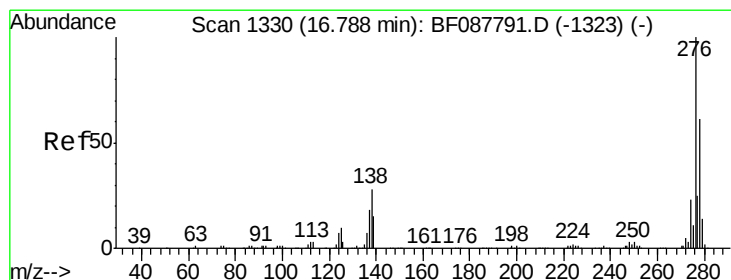
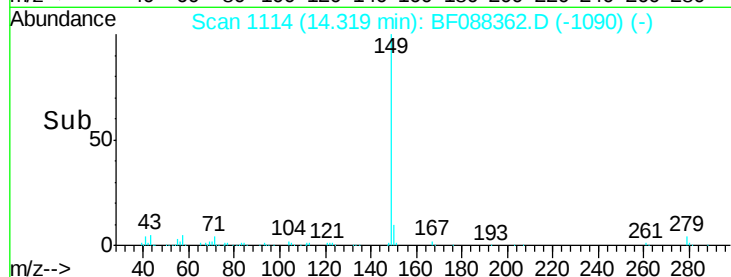
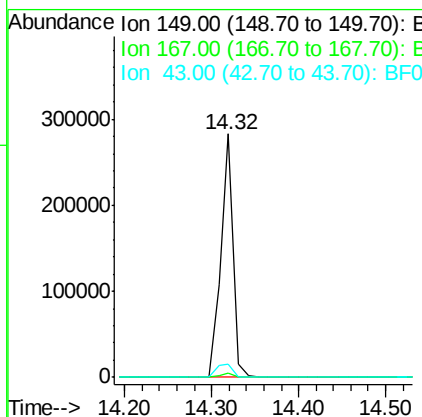
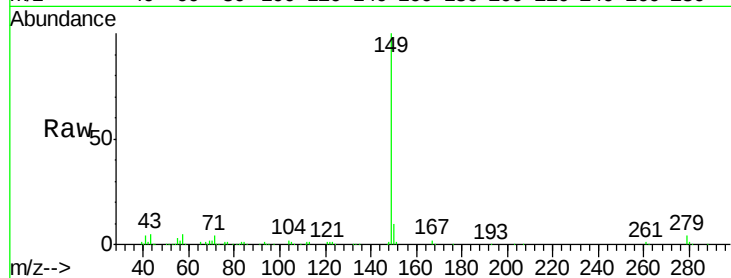
#84
Di-n-octyl phthalate
Concen: 29.87 ng
RT: 14.32 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	0.0	0.0#
43	7.1	0.0	0.0#

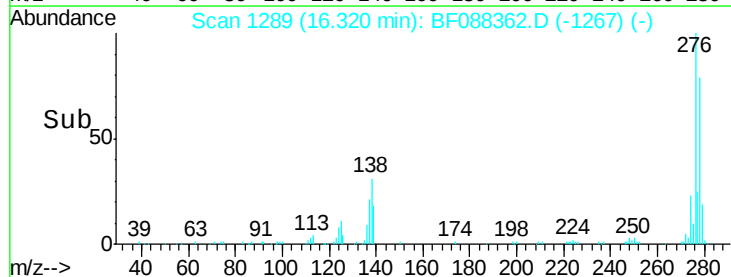
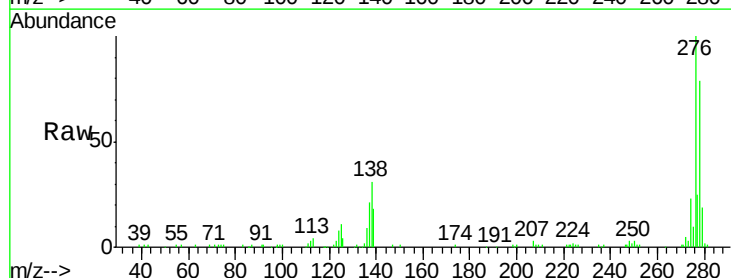
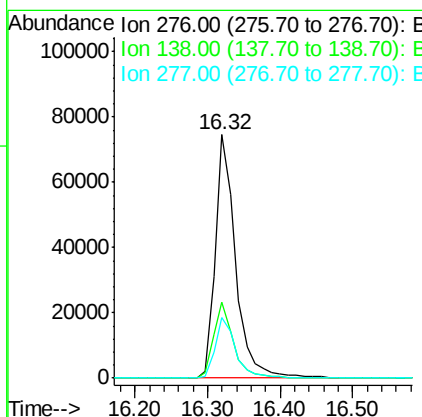
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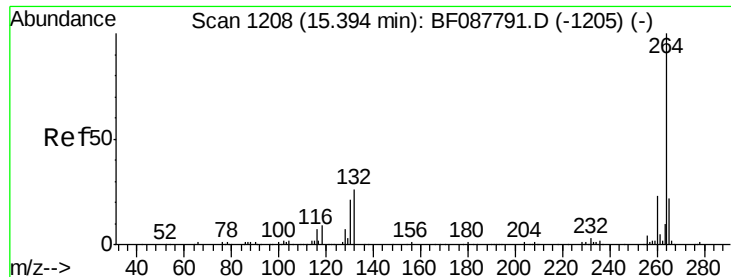
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#85
Indeno(1,2,3-cd)pyrene
Concen: 19.82 ng
RT: 16.32 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.6	0.0	0.0#
277	24.8	0.0	0.0#





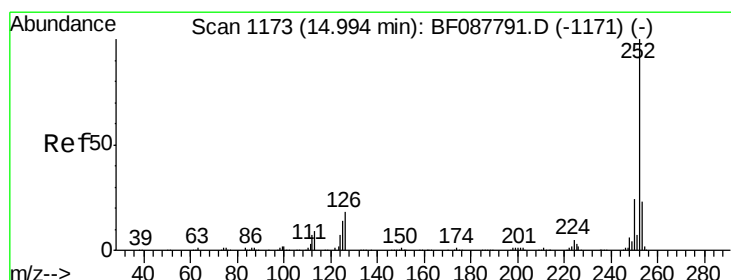
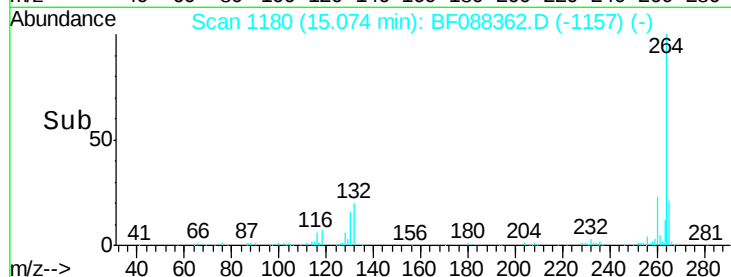
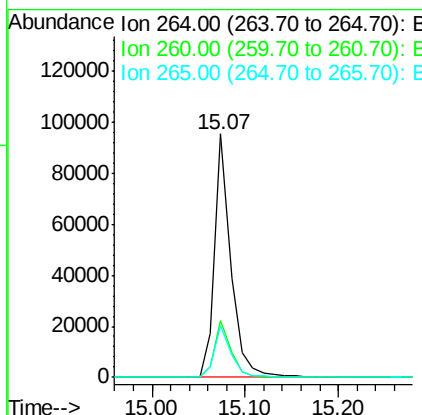
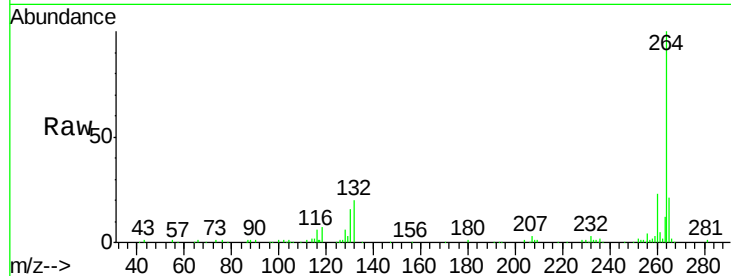
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	116525		
260	23.2	19.2	28.8	
265	21.2	16.9	25.3	

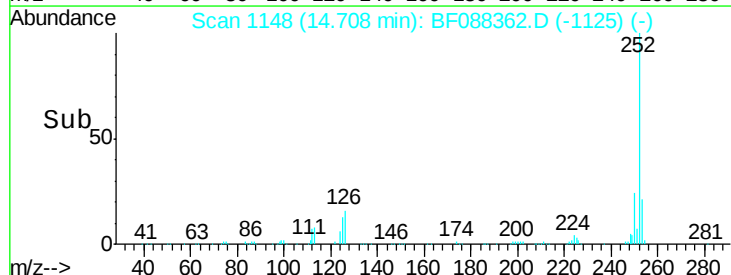
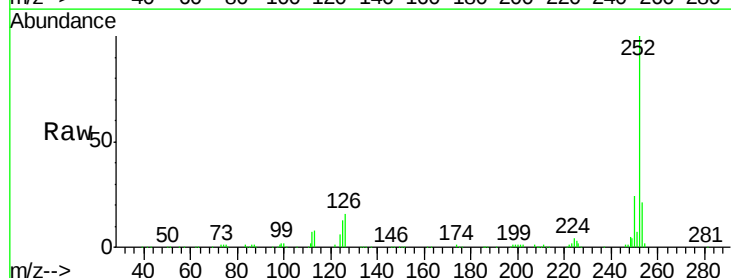
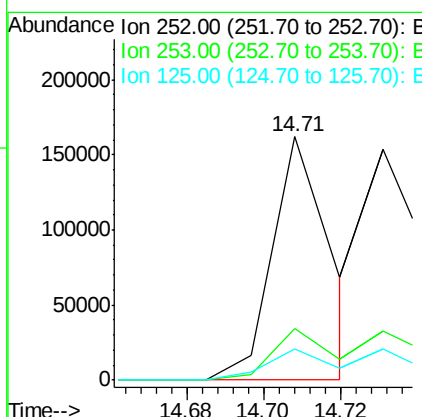
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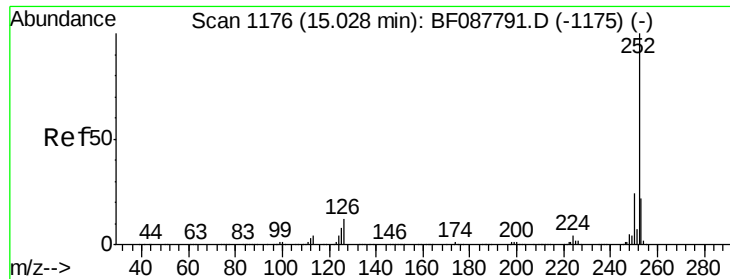
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#87
Benzo(b)fluoranthene
Concen: 20.81 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	169038		
253	21.5	17.4	26.2	
125	13.0	7.1	10.7#	





#88

Benzo(k)fluoranthene

Concen: 30.00 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BF088362.D

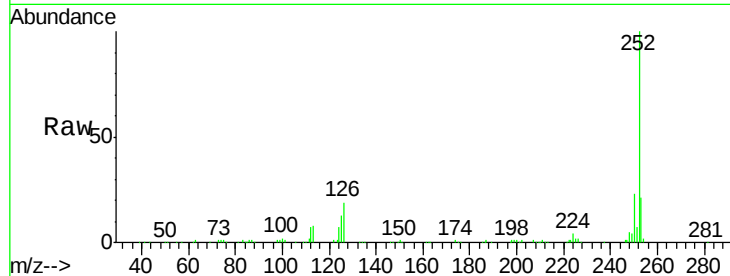
Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS



Tgt Ion: 252 Resp: 183798

Ion Ratio Lower Upper

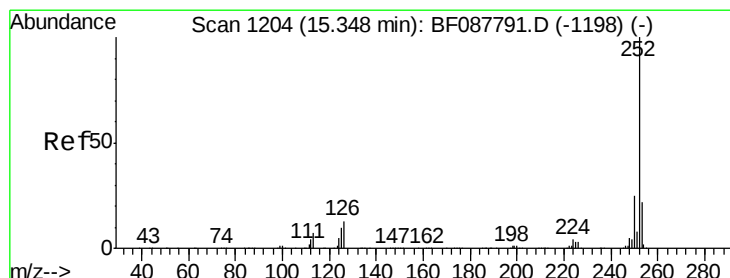
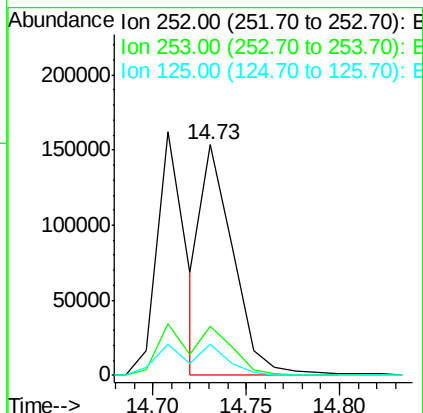
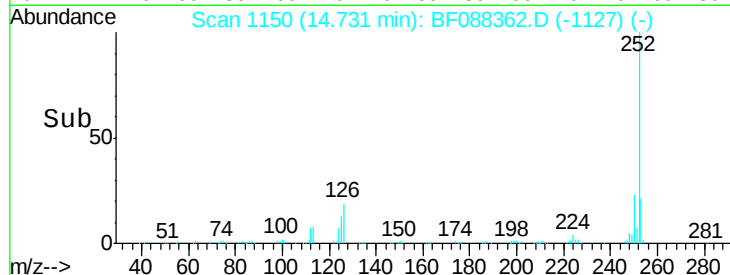
252 100

253 21.5 18.0 27.0

125 13.4 11.2 16.8

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#89

Benzo(a)pyrene

Concen: 24.05 ng

RT: 15.03 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

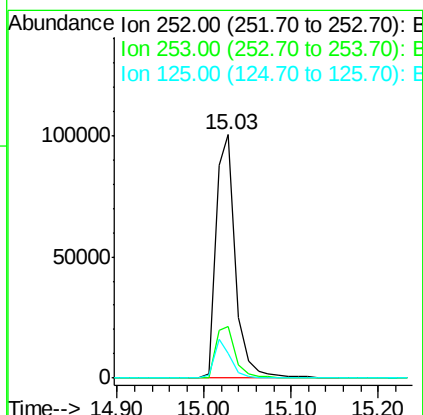
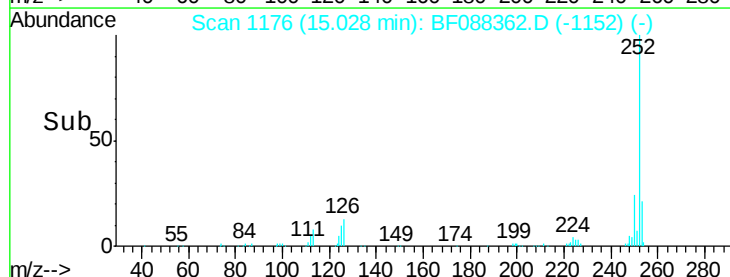
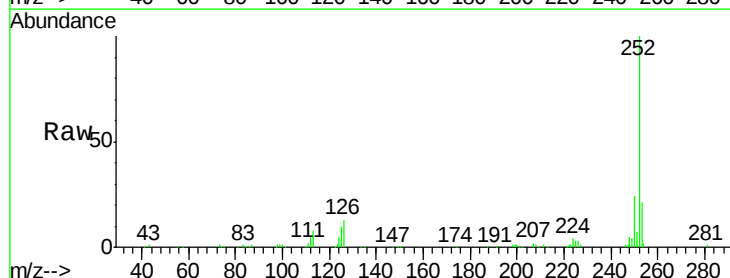
Tgt Ion: 252 Resp: 158058

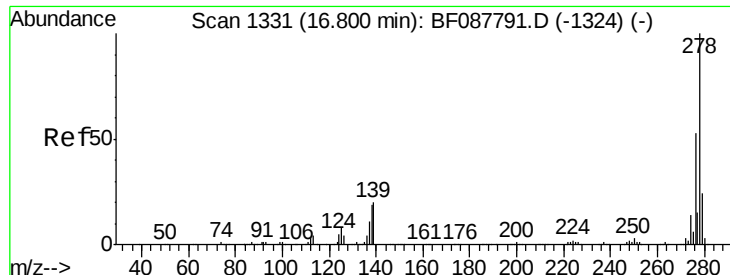
Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 10.2 12.5 18.7#





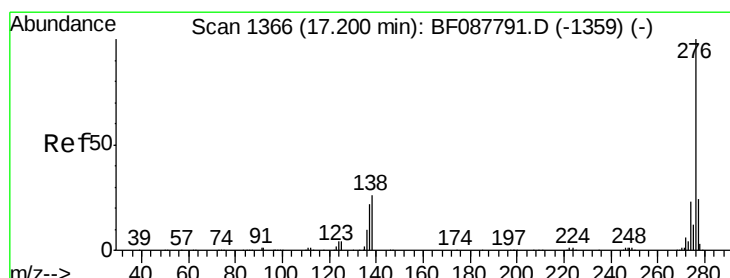
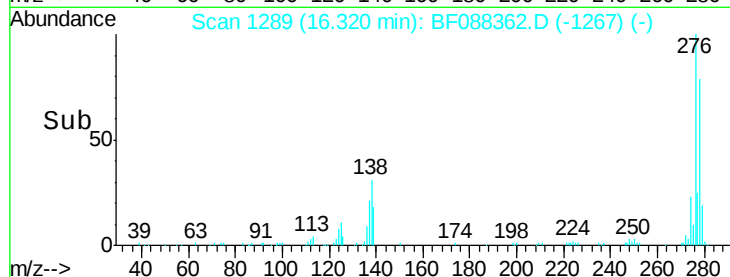
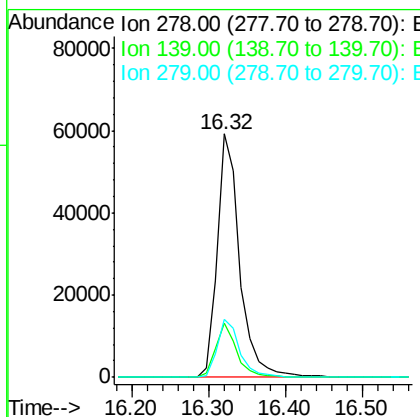
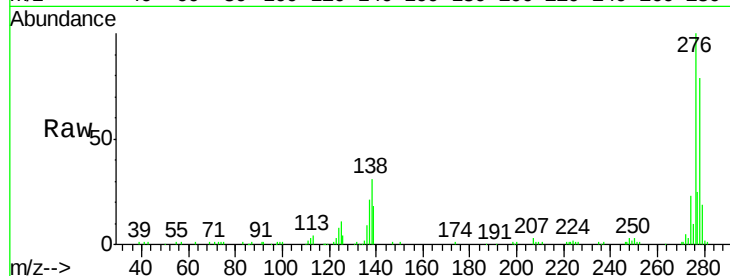
#90
Dibenzo(a,h)anthracene
Concen: 19.90 ng
RT: 16.32 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.7	23.5
279	23.8	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 18.33 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	24.6	21.4	32.2

