

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088035.D
 Acq On : 15 Jun 2016 9:11
 Operator : UM/SJ
 Sample : H3446-01MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

Manual Integrations
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Quant Time: Jun 15 13:36:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114833	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	451437	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	211474	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	326724	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	278109	20.00	ng	-0.01
86) Perylene-d12	15.35	264	217252	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	667764	99.41	ng	0.01
7) Phenol-d6	6.43	99	788379	96.84	ng	0.00
23) Nitrobenzene-d5	7.35	82	583889	75.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	175753	78.71	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	958524	70.24	ng	-0.01
78) Terphenyl-d14	12.89	244	734876	60.13	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	88733	27.19	ng	# 87
3) Pyridine	3.13	79	232596m	30.18	ng	
4) n-Nitrosodimethylamine	3.06	42	106152	32.52	ng	82
6) Aniline	6.44	93	241150	20.81	ng	# 1
8) 2-Chlorophenol	6.57	128	294742	37.07	ng	93
10) Phenol	6.44	94	333280	39.34	ng	81
11) bis(2-Chloroethyl)ether	6.52	93	262614	36.79	ng	92
12) 1,3-Dichlorobenzene	6.72	146	279059	32.71	ng	99
13) 1,4-Dichlorobenzene	6.80	146	286908	33.39	ng	98
14) 1,2-Dichlorobenzene	6.96	146	280120	35.84	ng	99
15) Benzyl Alcohol	6.94	79	231848	36.40	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	368414	38.20	ng	90
17) 2-Methylphenol	7.05	107	231190	35.86	ng	98
18) Hexachloroethane	7.29	117	96496	31.65	ng	# 79
19) n-Nitroso-di-n-propylamine	7.21	70	207500	39.84	ng	# 86
20) 3+4-Methylphenols	7.21	107	277057	36.83	ng	# 81
22) Acetophenone	7.20	105	380974	37.76	ng	# 95
24) Nitrobenzene	7.37	77	297333	39.70	ng	90
25) Isophorone	7.61	82	556321	38.85	ng	99
26) 2-Nitrophenol	7.69	139	159608	39.79	ng	# 81
27) 2,4-Dimethylphenol	7.74	122	290144	39.28	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	364236	41.01	ng	97
29) 2,4-Dichlorophenol	7.93	162	232420	37.69	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	239943	35.73	ng	99
31) Naphthalene	8.09	128	835880	37.42	ng	100
32) Benzoic acid	7.87	122	163321	40.16	ng	93
33) 4-Chloroaniline	8.15	127	144690	14.50	ng	# 91
34) Hexachlorobutadiene	8.22	225	137693	38.88	ng	98
35) Caprolactam	8.52	113	70445	34.49	ng	# 73
36) 4-Chloro-3-methylphenol	8.64	107	238265	36.13	ng	99
37) 2-Methylnaphthalene	8.79	142	593435	40.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	232326	40.95	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	36473	10.69	ng	99
42) 2,4,6-Trichlorophenol	9.07	196	164800	38.97	ng	100

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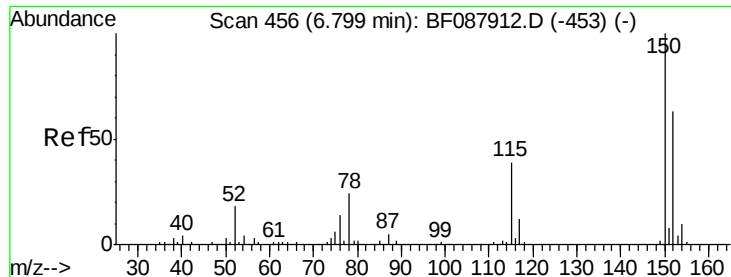
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	169160	38.45	nq	97
45) 1,1'-Biphenyl	9.26	154	714119	44.99	nq	96
46) 2-Chloronaphthalene	9.28	162	549472	40.15	nq	94
47) 2-Nitroaniline	9.37	65	140113	34.71	nq	92
48) Acenaphthylene	9.69	152	830668	38.16	nq	99
49) Dimethylphthalate	9.56	163	667496	43.57	nq	98
50) 2,6-Dinitrotoluene	9.62	165	155658	44.37	nq	97
51) Acenaphthene	9.86	154	510219	37.57	nq	98
52) 3-Nitroaniline	9.78	138	79504	19.64	nq	89
53) 2,4-Dinitrophenol	9.90	184	44166	28.81	nq	# 71
54) Dibenzofuran	10.03	168	729517	39.01	nq	93
55) 4-Nitrophenol	9.95	139	168983	53.78	nq	92
56) 2,4-Dinitrotoluene	10.02	165	175036	38.82	nq	# 74
57) Fluorene	10.38	166	553135	43.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	121869	35.25	nq	# 56
59) Diethylphthalate	10.25	149	628074	40.50	nq	97
60) 4-Chlorophenyl-phenylether	10.36	204	212764	34.21	nq	94
61) 4-Nitroaniline	10.40	138	134701	35.08	nq	98
62) Azobenzene	10.52	77	562809	36.70	nq	96
64) 4,6-Dinitro-2-methylphenol	10.43	198	32580	17.42	nq	# 53
65) n-Nitrosodiphenylamine	10.49	169	510543	47.09	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	150483	42.93	nq	# 91
67) Hexachlorobenzene	10.92	284	158393	43.49	nq	# 78
68) Atrazine	11.02	200	122395	37.28	nq	93
69) Pentachlorophenol	11.12	266	155415	80.96	nq	98
70) Phenanthrene	11.34	178	766727	44.72	nq	99
71) Anthracene	11.38	178	677337	39.17	nq	100
72) Carbazole	11.54	167	731488	45.20	nq	99
73) Di-n-butylphthalate	11.87	149	838389	40.92	nq	100
74) Fluoranthene	12.51	202	651572	36.01	nq	97
76) Benzidine	12.64	184	405039	52.60	nq	99
77) Pyrene	12.74	202	676257	32.77	nq	100
79) Butylbenzylphthalate	13.37	149	374124	41.00	nq	97
80) Benzo(a)anthracene	13.93	228	570660	36.01	nq	100
81) 3,3'-Dichlorobenzidine	13.90	252	187853	44.08	nq	# 97
82) Chrysene	13.97	228	567995	38.10	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	440149	39.63	nq	# 99
84) Di-n-octyl phthalate	14.54	149	858348	47.56	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	472358	34.10	nq	# 100
87) Benzo(b)fluoranthene	14.95	252	535023m	35.33	nq	
88) Benzo(k)fluoranthene	14.98	252	558810m	48.92	nq	
89) Benzo(a)pyrene	15.29	252	493159	40.25	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	395648	34.77	nq	99
91) Benzo(g,h,i)perylene	17.12	276	393056	33.58	nq	95

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



#1

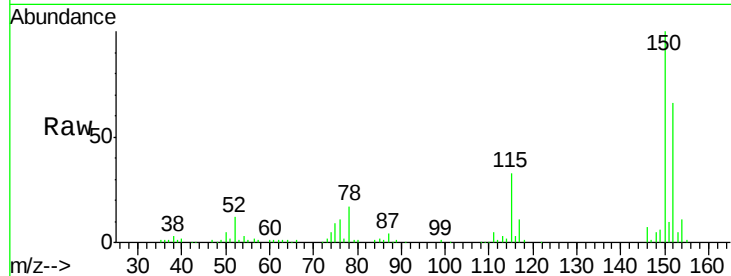
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

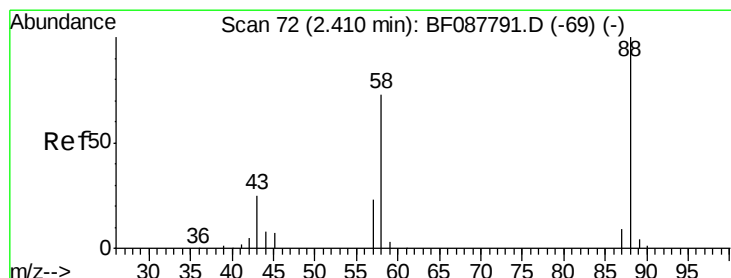
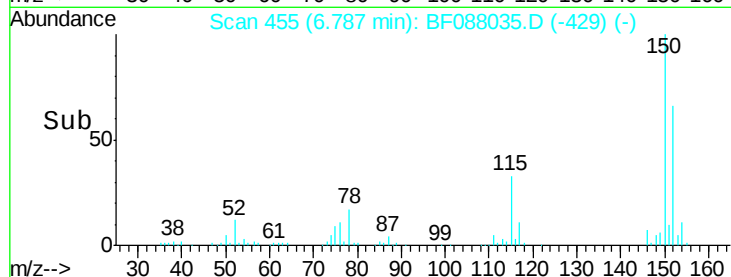
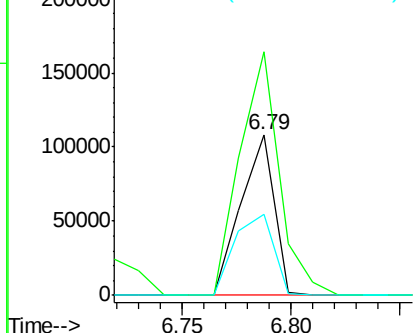
Tot Ion	Ratio	Resp	Lower	Upper
152	100	114833		
150	151.7	123.8	185.6	
115	50.6	39.6	59.4	

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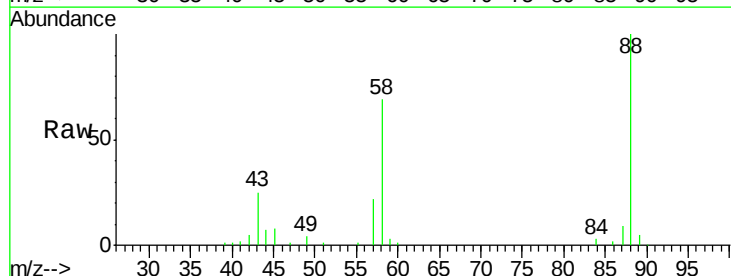
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



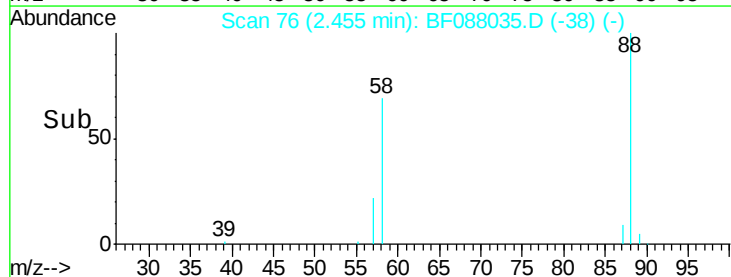
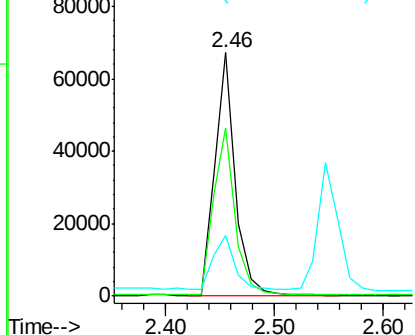
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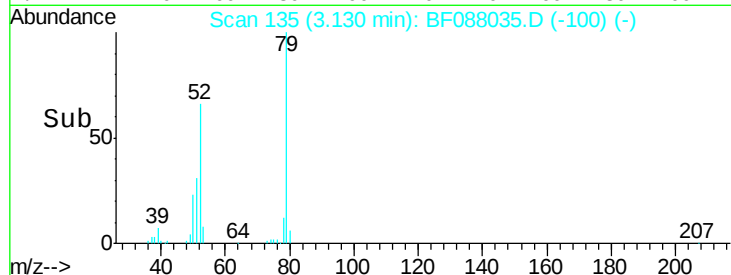
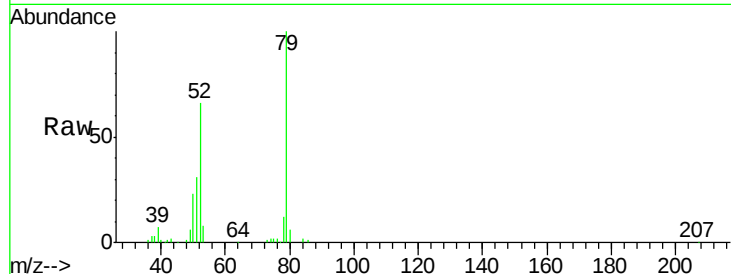
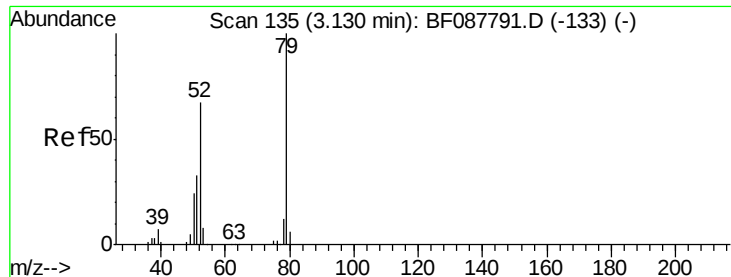
1,4-Dioxane
Concen: 27.19 ng
RT: 2.46 min Scan# 76
Delta R.T. 0.14 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	88733		
58	70.7	0.0	0.0#	
43	0.0	3.4	5.2#	



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





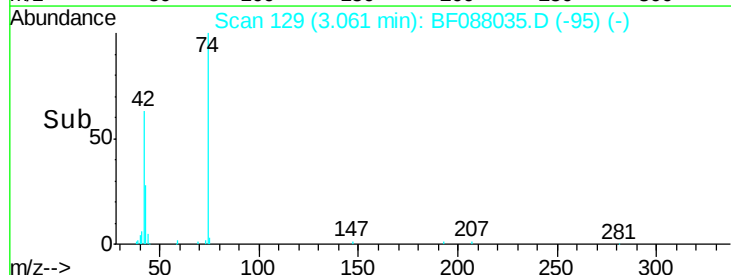
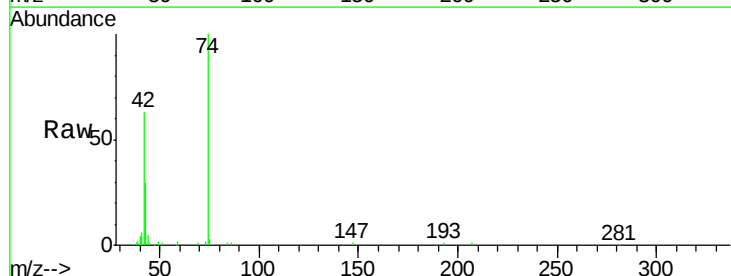
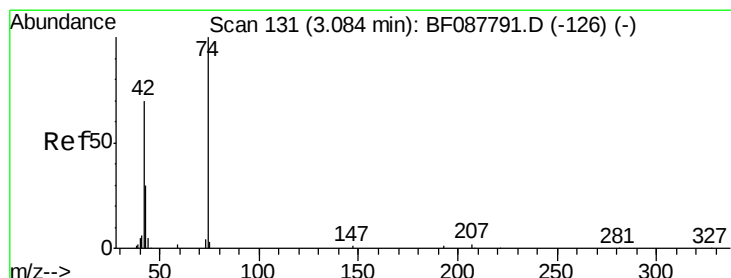
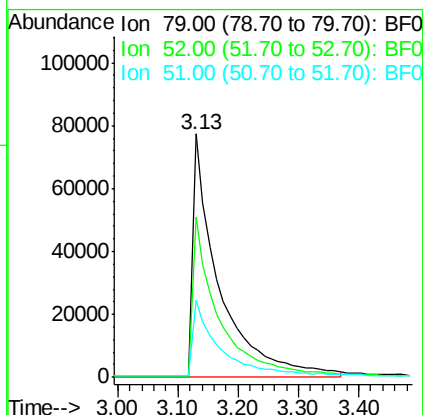
#3
Pvridine
Concen: 30.18 ng/ml
RT: 3.13 min Scan# 135
Delta R.T. 0.10 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	232596		
52	52	65.7	56.3	84.5	
51	51	31.5	27.4	41.2	

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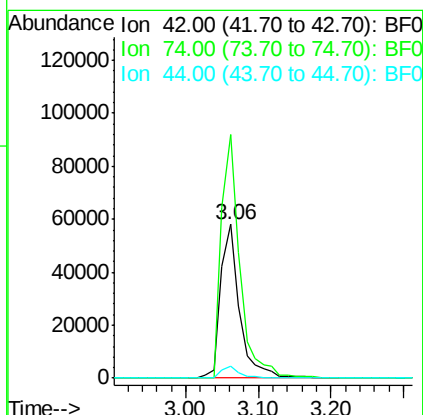
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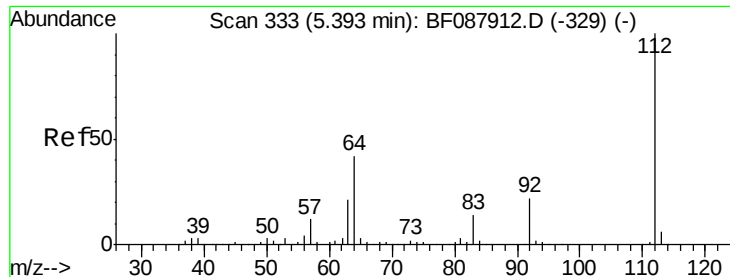
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#4
n-Nitrosodimethylamine
Concen: 32.52 ng
RT: 3.06 min Scan# 129
Delta R.T. 0.09 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	106152		
74	74	158.4	108.6	163.0	
44	44	7.5	5.5	8.3	





#5

2-Fluorophenol

Concen: 99.41 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

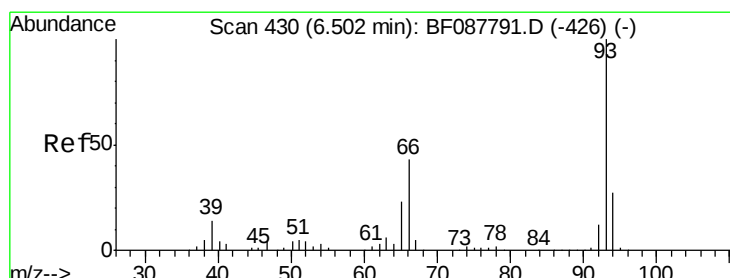
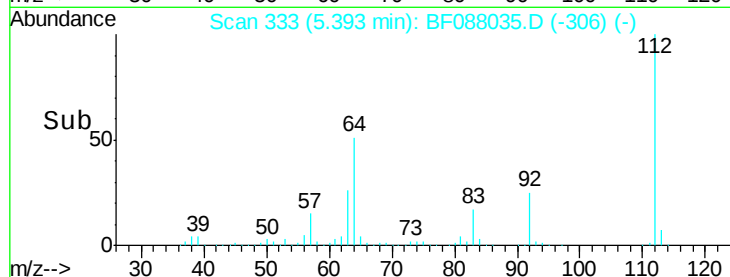
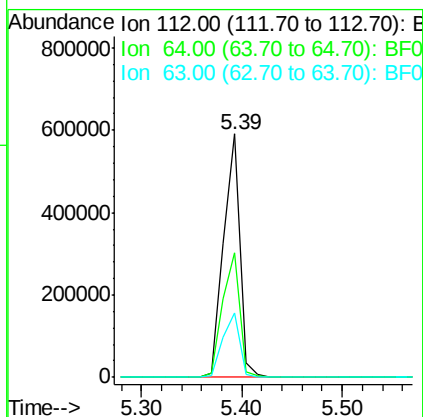
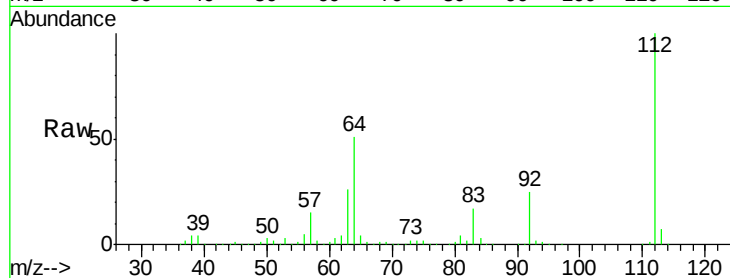
ClientSampleId :

HSR-WC-50-060616MSD

Tot Ion:	112	Resp:	667764
Ion Ratio	Lower	Upper	
112	100		
64	51.0	42.2	63.2
63	26.3	21.8	32.8

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#6

Aniline

Concen: 20.81 ng

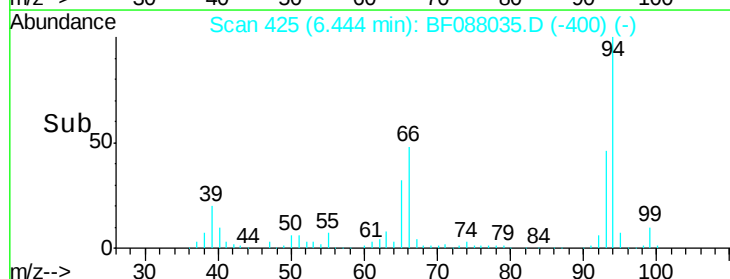
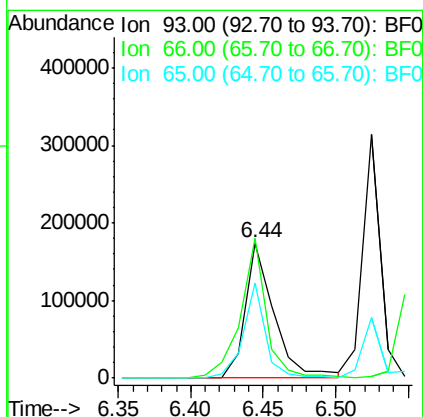
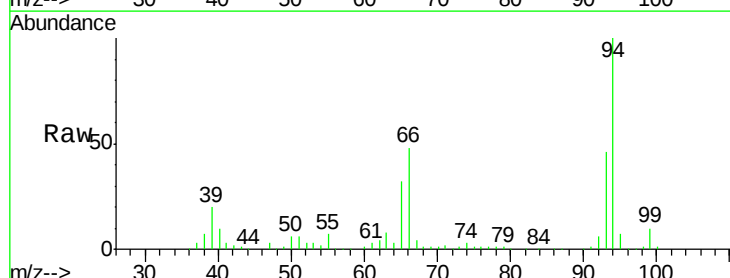
RT: 6.44 min Scan# 425

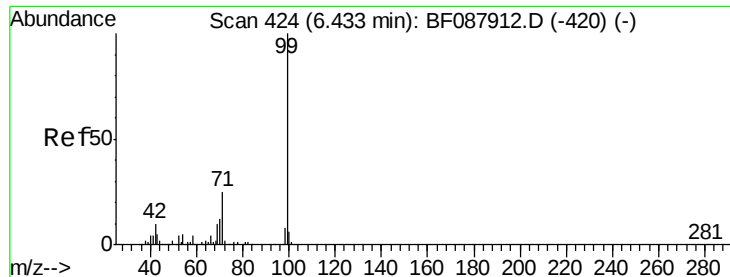
Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	93	Resp:	241150
Ion Ratio	Lower	Upper	
93	100		
66	103.2	29.8	44.8#
65	70.1	14.9	22.3#





#7

Phenol-d6

Concen: 96.84 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

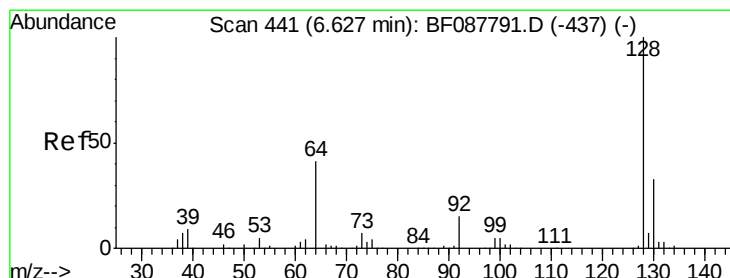
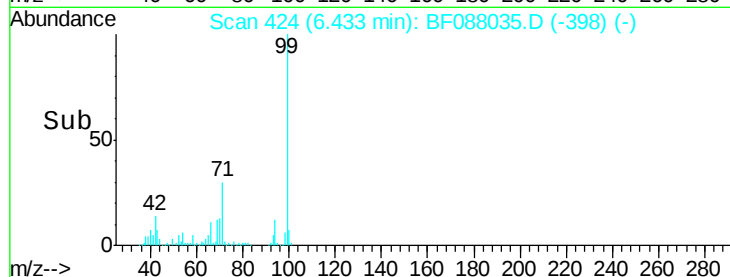
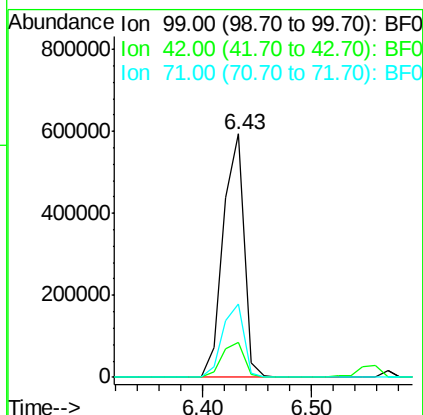
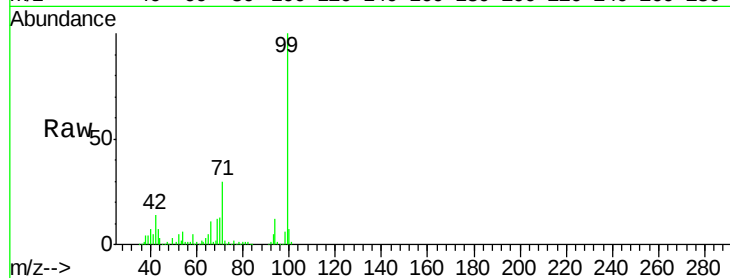
ClientSampleId :

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Tot Ion:	99	Resp:	788379
Ion Ratio	Lower	Upper	
99	100		
42	14.3	12.2	18.2
71	30.4	23.4	35.0

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#8

2-Chlorophenol

Concen: 37.07 ng

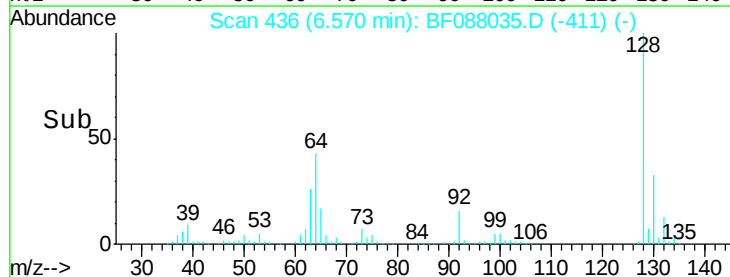
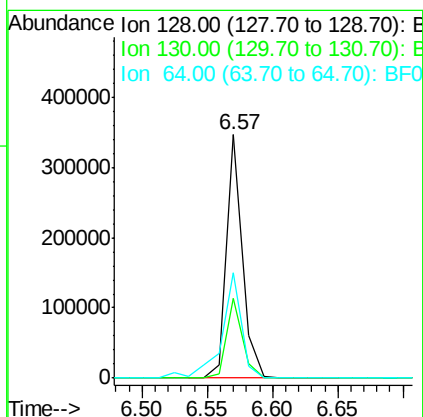
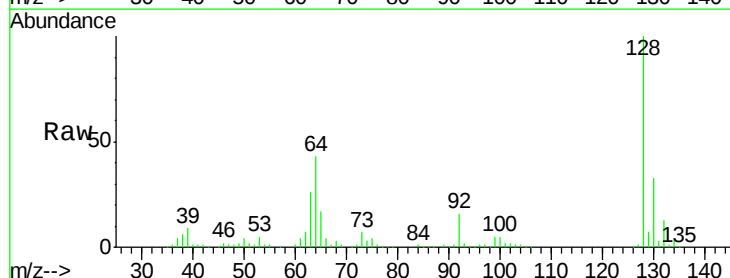
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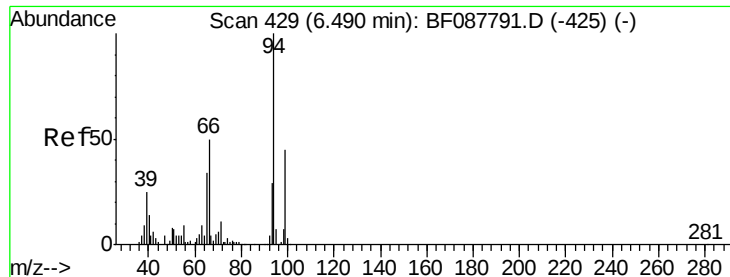
Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	128	Resp:	294742
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.0	52.0
64	43.3	30.8	70.8





#10

Phenol

Concen: 39.34 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

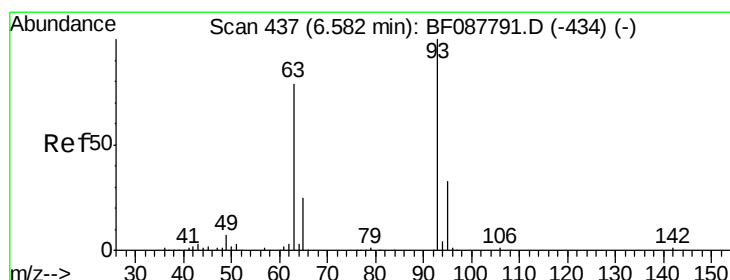
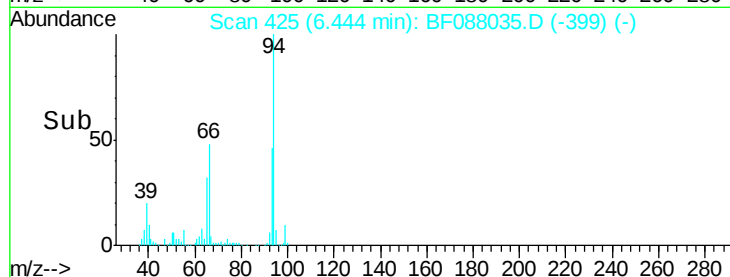
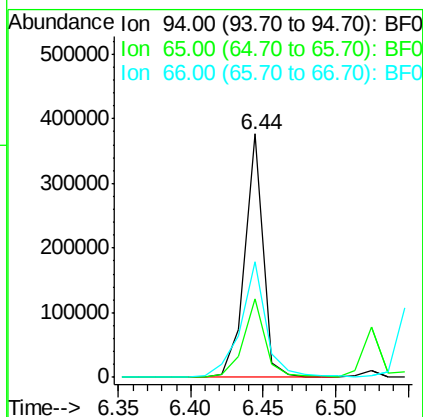
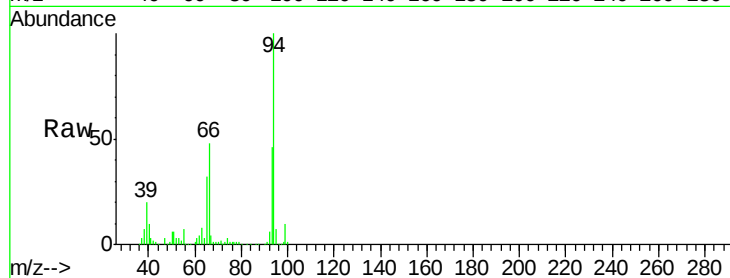
ClientSampleId :

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Tot Ion:	94	Resp:	333280
Ion Ratio	Lower	Upper	
94	100		
65	32.4	5.9	45.9
66	47.7	14.0	54.0

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#11

bis(2-Chloroethyl)ether

Concen: 36.79 ng

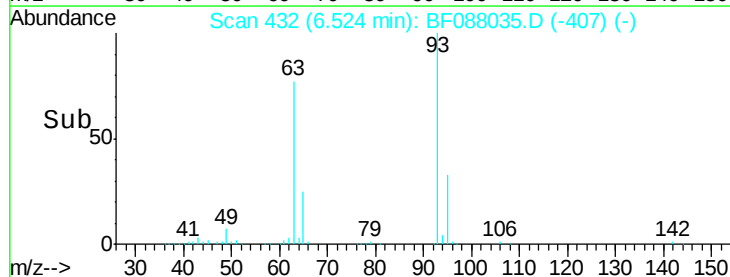
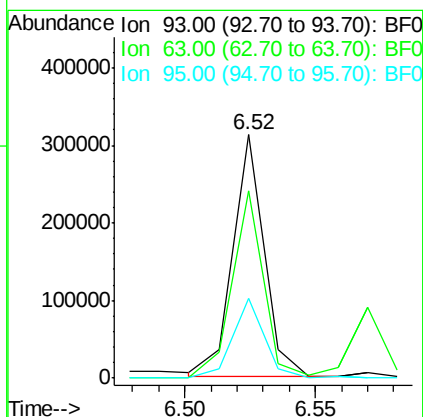
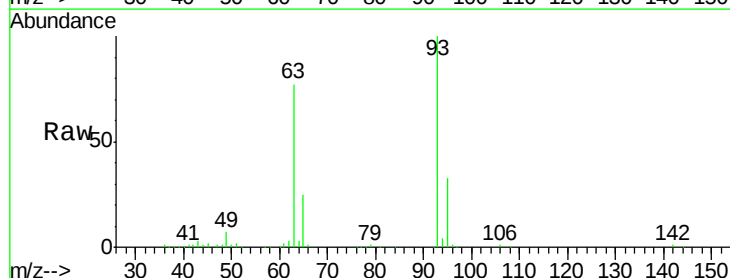
RT: 6.52 min Scan# 432

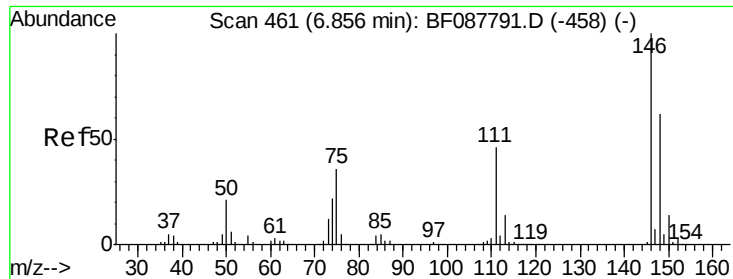
Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	93	Resp:	262614
Ion Ratio	Lower	Upper	
93	100		
63	77.0	67.6	107.6
95	32.8	12.5	52.5





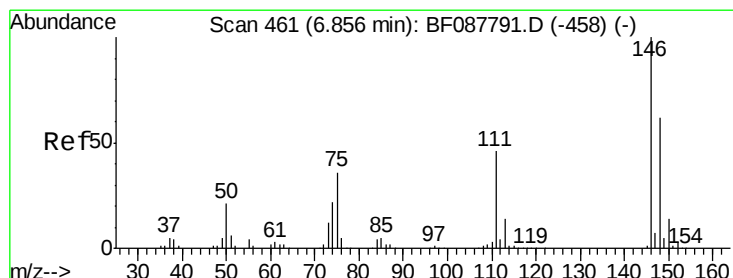
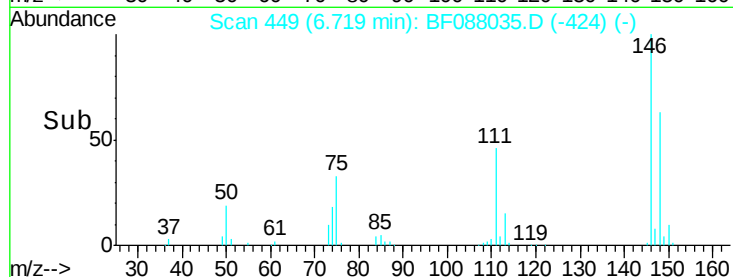
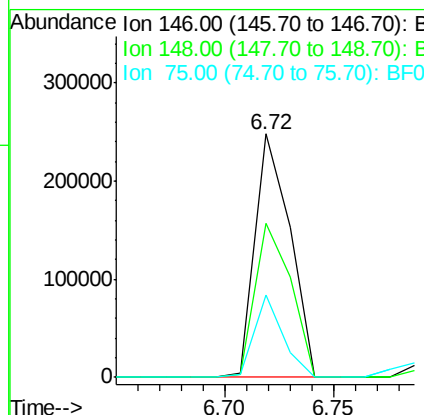
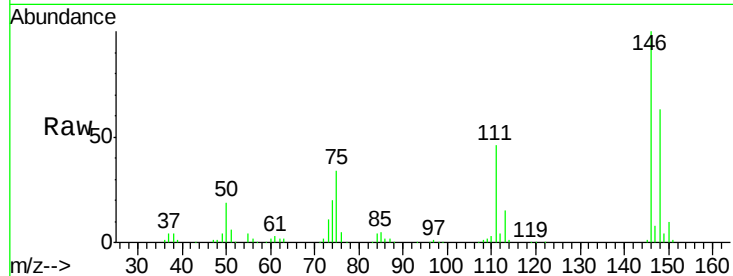
#12
 1,3-Dichlorobenzene
 Concen: 32.71 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
75	33.8	25.6	38.4

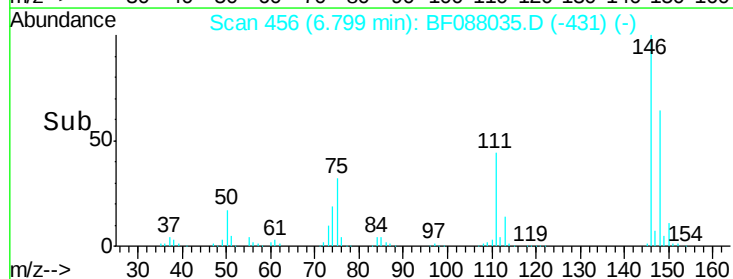
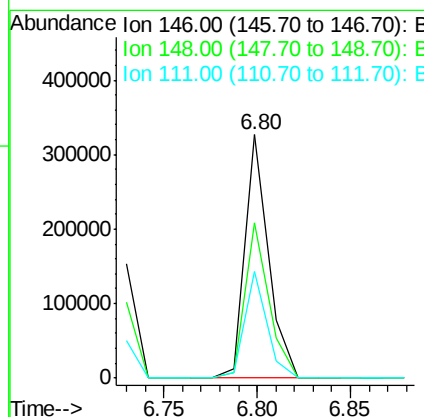
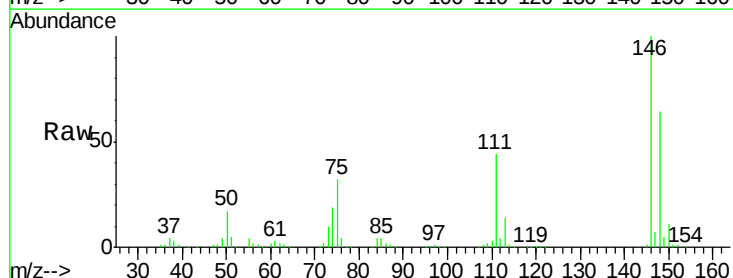
Manual Integrations
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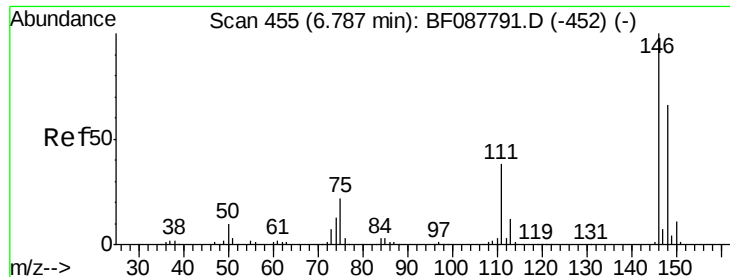
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#13
 1,4-Dichlorobenzene
 Concen: 33.39 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.0	78.0
111	43.6	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 35.84 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

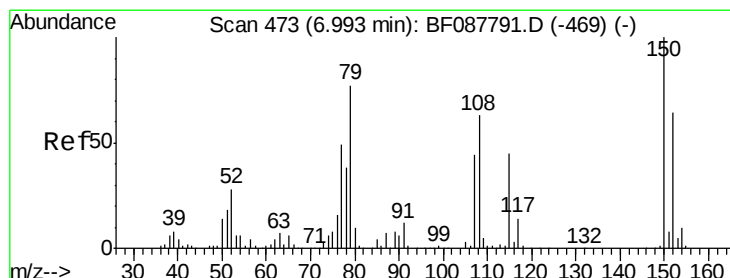
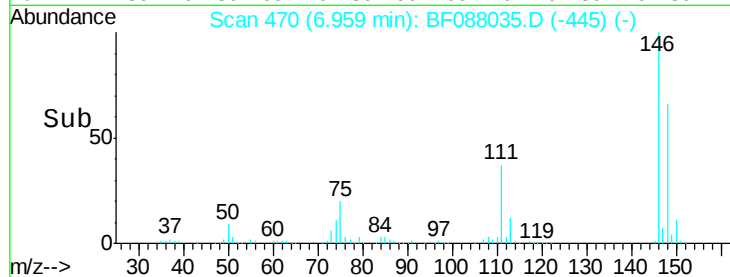
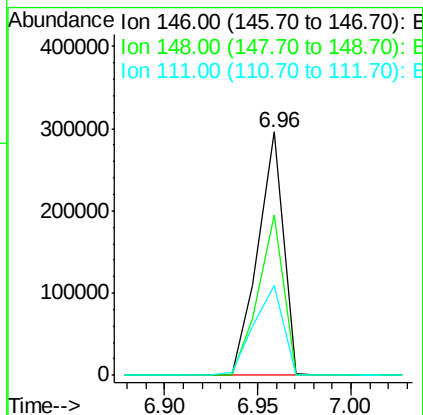
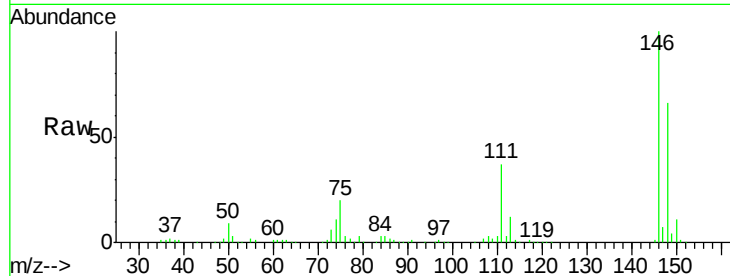
ClientSampleId :

HSR-WC-50-060616MSD

Tot Ion:	146	Resp:	280120
Ion Ratio		Lower	Upper
146	100		
148	65.9	52.3	78.5
111	36.9	28.7	43.1

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#15

Benzyl Alcohol

Concen: 36.40 ng

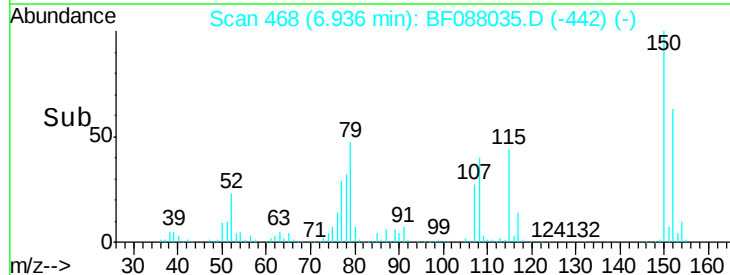
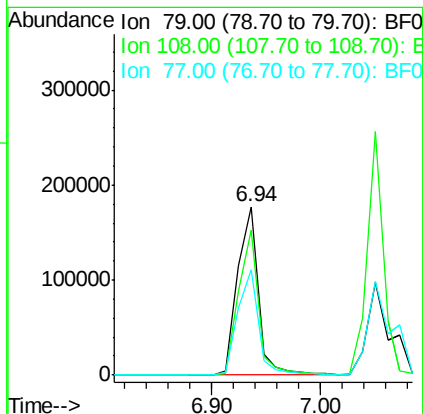
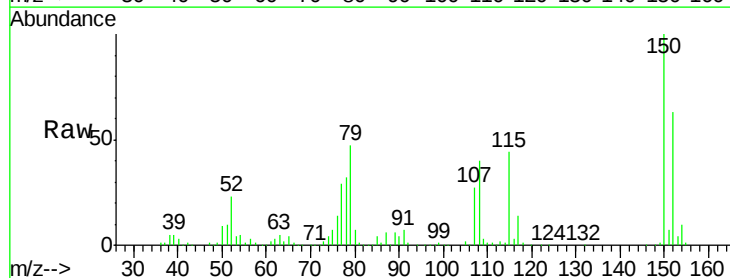
RT: 6.94 min Scan# 468

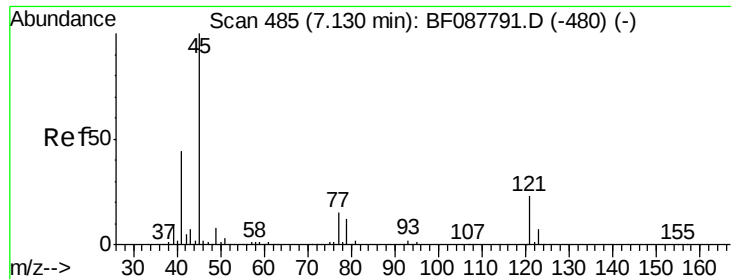
Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	79	Resp:	231848
Ion Ratio		Lower	Upper
79	100		
108	86.3	65.0	97.6
77	62.8	50.3	75.5





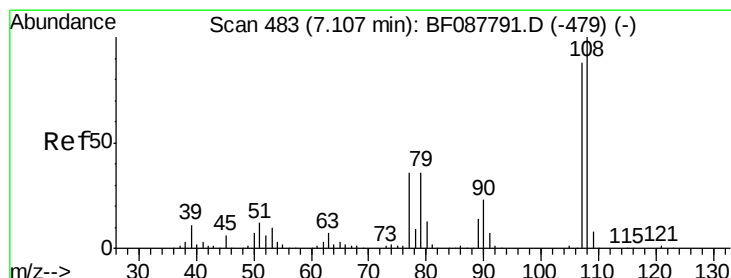
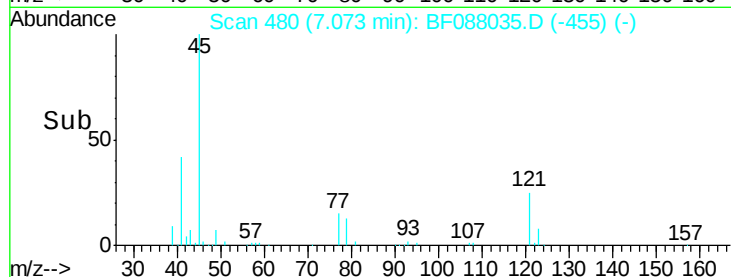
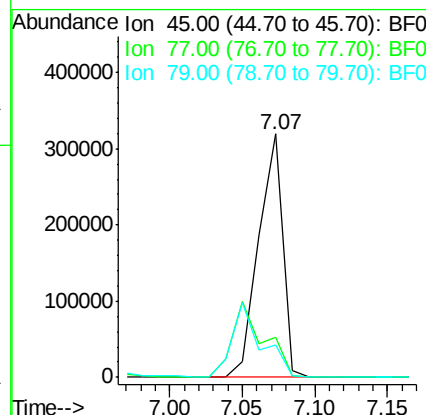
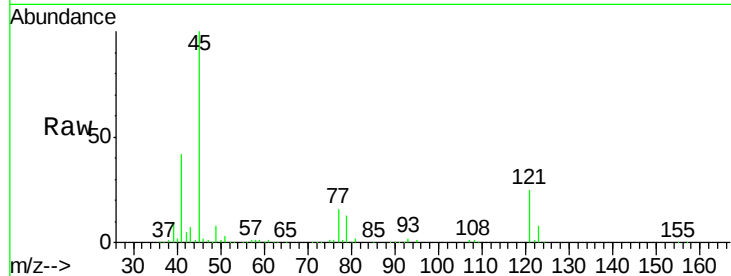
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.20 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Resp	Lower	Upper
45	100	368414		
77	16.4	0.0	32.5	
79	13.3	0.0	29.5	

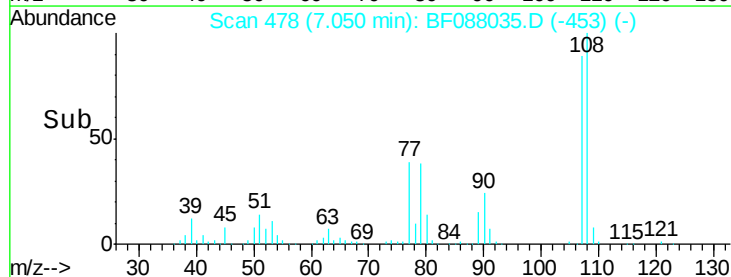
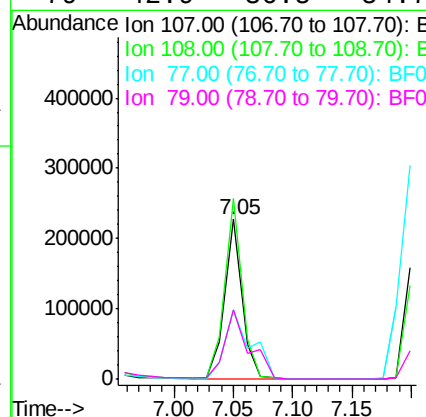
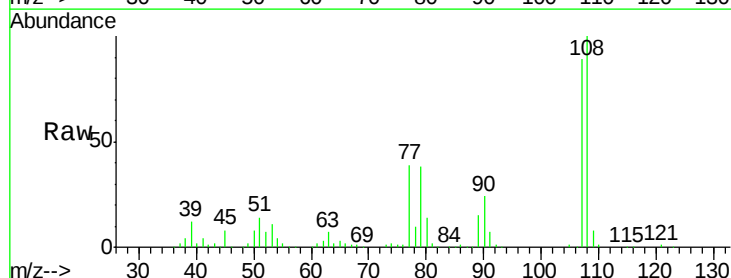
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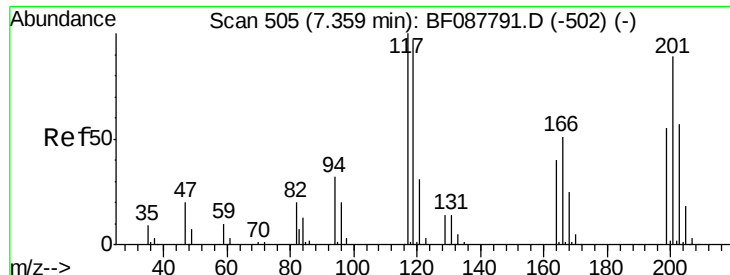
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#17
2-Methylphenol
Concen: 35.86 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	231190		
108	112.5	90.9	136.3	
77	43.5	36.6	55.0	
79	42.9	36.5	54.7	





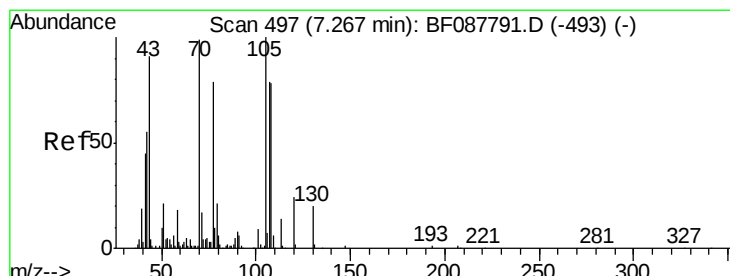
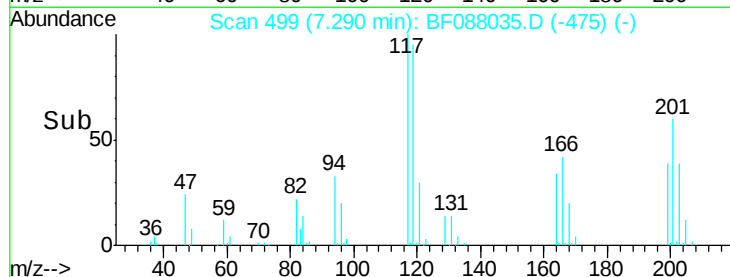
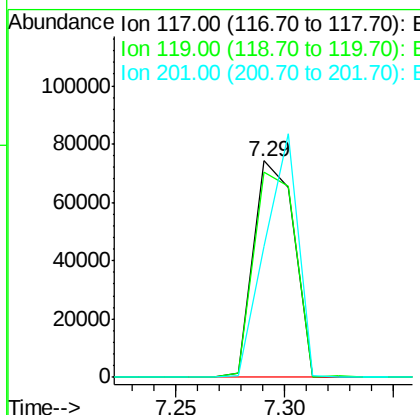
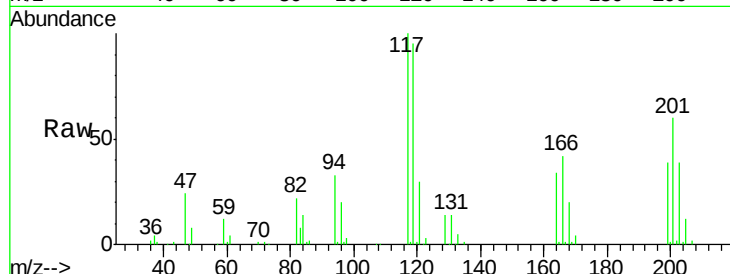
#18
Hexachloroethane
Concen: 31.65 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	96496		
119	95.0	77.4	116.2	
201	60.3	80.4	120.6	

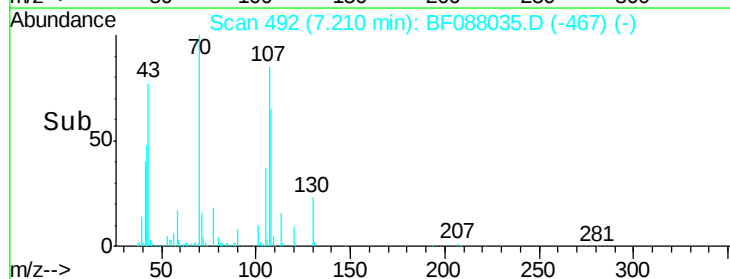
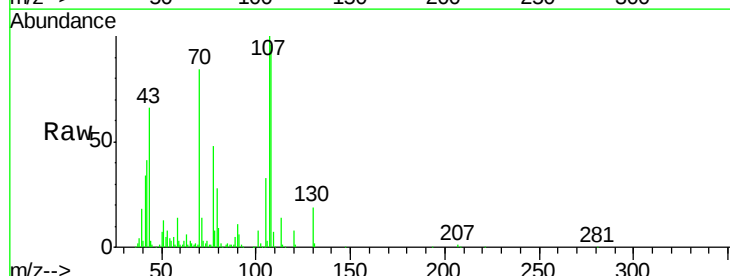
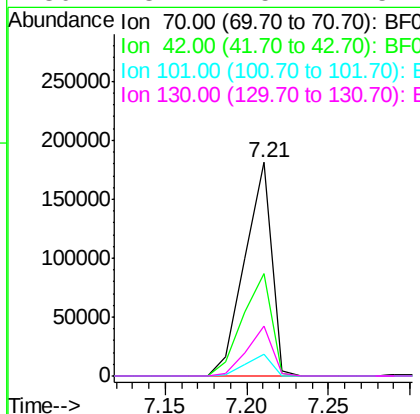
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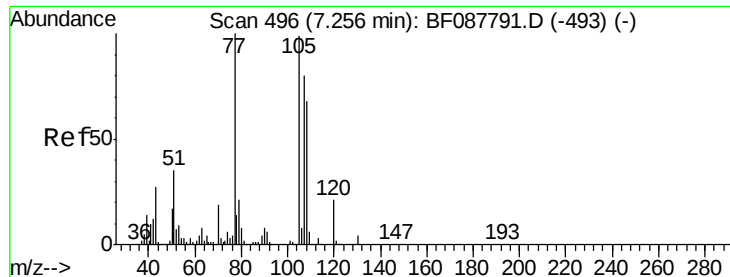
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#19
n-Nitroso-di-n-propylamine
Concen: 39.84 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	207500		
42	48.3	49.6	74.4	
101	9.9	7.1	10.7	
130	23.1	15.4	23.2	





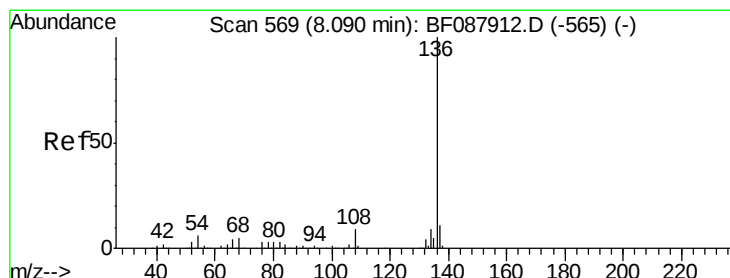
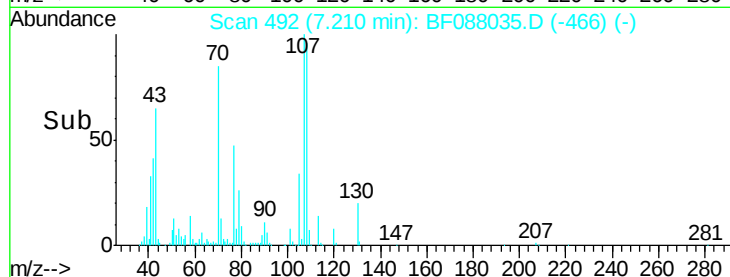
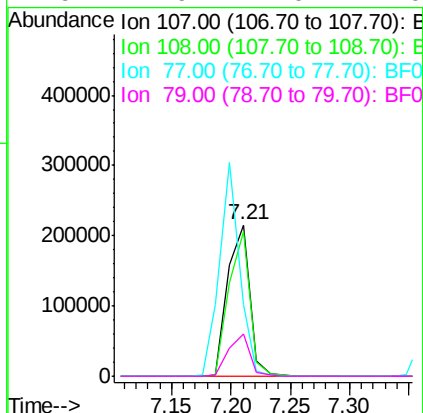
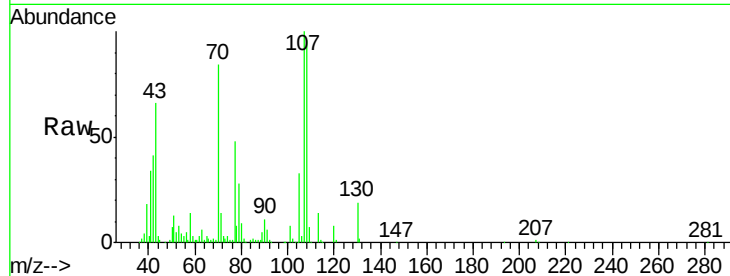
#20
3+4-Methylphenols
Concen: 36.83 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	96.0	67.8	107.8	
77	47.5	59.3	99.3#	
79	27.9	7.0	47.0	

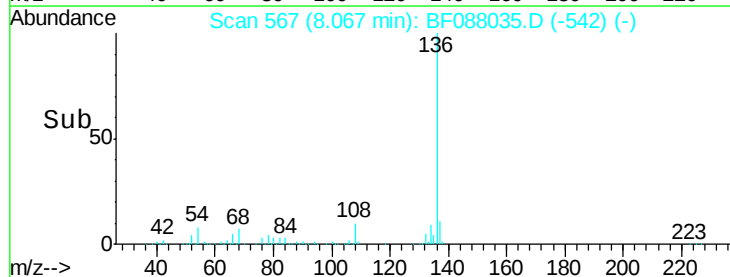
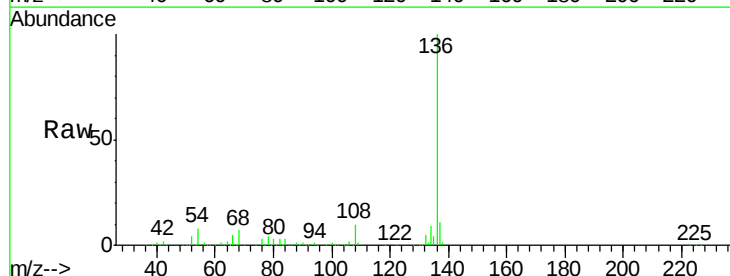
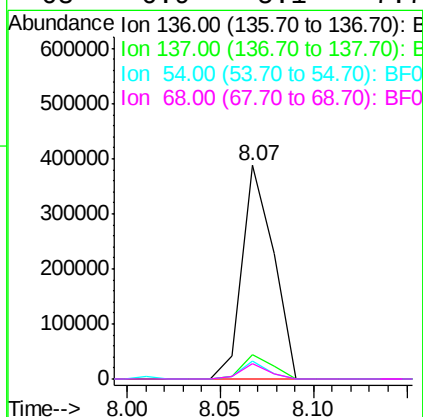
Manual Integrations
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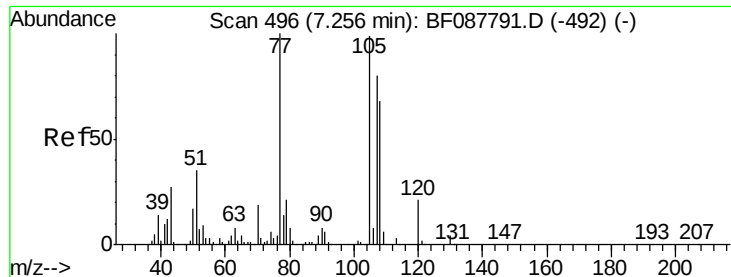
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.1	13.7	
54	8.4	6.6	10.0	
68	6.9	5.1	7.7	





#22

Acetophenone

Concen: 37.76 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF088035.D

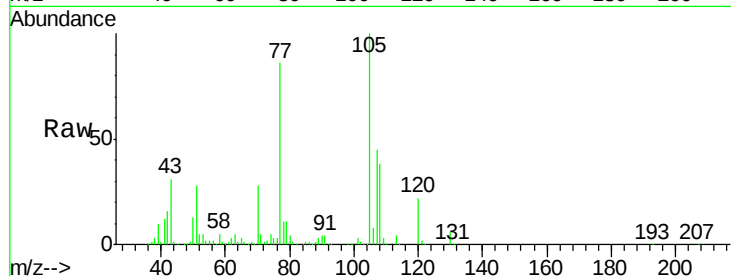
Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

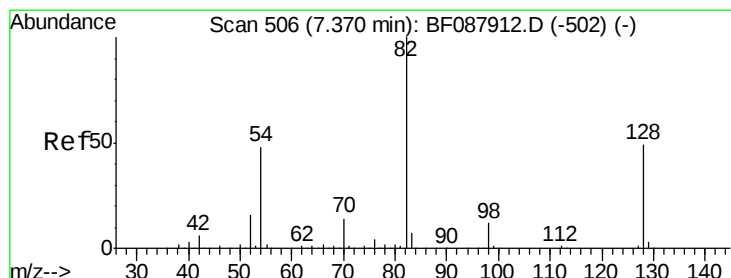
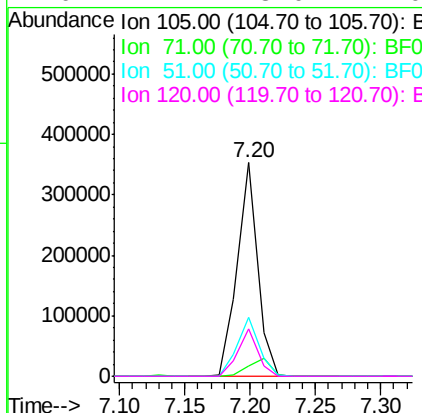
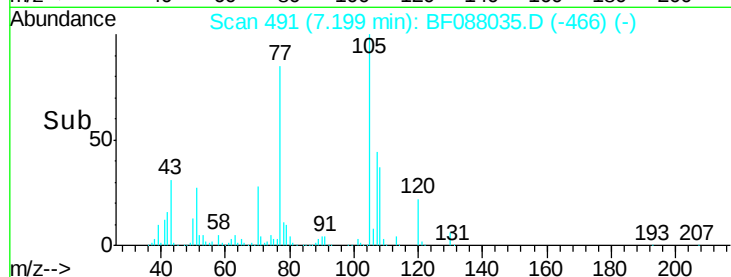
HSR-WC-50-060616MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	380974		
71	71	4.7	5.3	7.9#	
51	51	27.8	18.2	27.4#	
120	120	22.4	18.0	27.0	

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#23

Nitrobenzene-d5

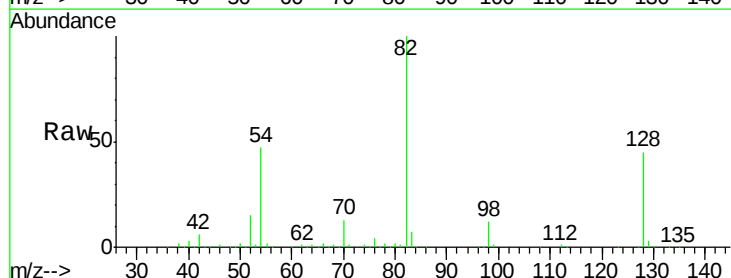
Concen: 75.53 ng

RT: 7.35 min Scan# 504

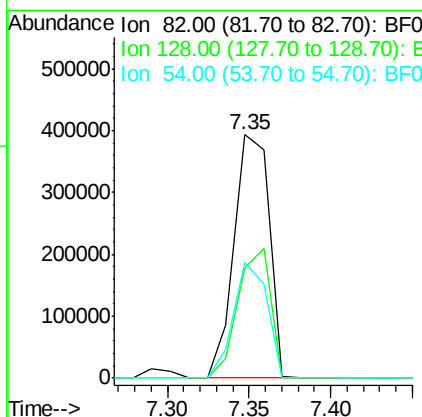
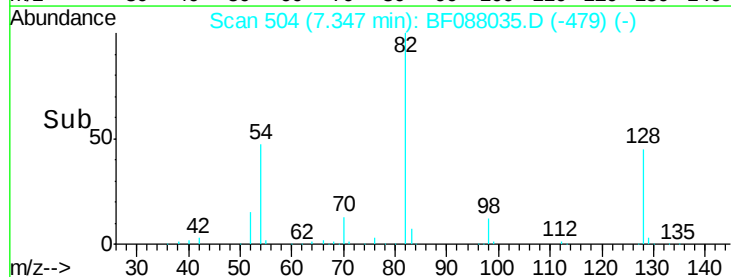
Delta R.T. -0.01 min

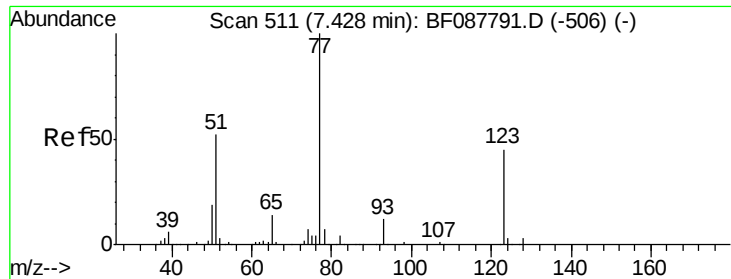
Lab File: BF088035.D

Acq: 15 Jun 2016 9:11



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	583889		
128	128	45.2	35.9	53.9	
54	54	47.3	40.9	61.3	





#24

Nitrobenzene

Concen: 39.70 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

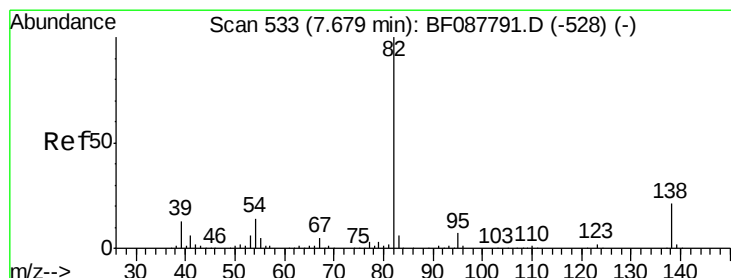
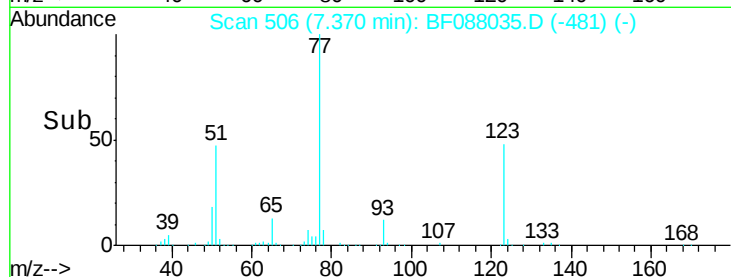
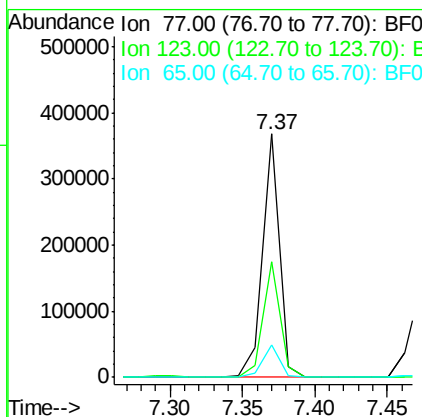
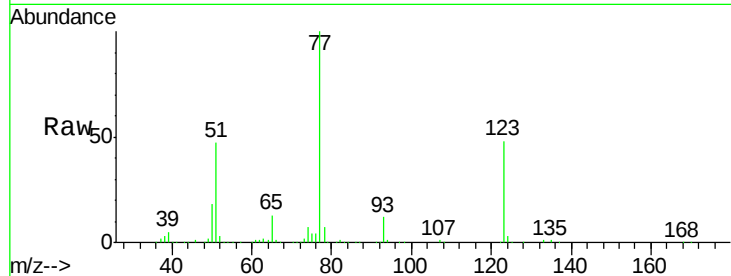
ClientSampleId :

HSR-WC-50-060616MSD

Tot Ion:	77	Resp:	297333
Ion Ratio	Lower	Upper	
77	100		
123	47.6	45.0	67.4
65	13.1	10.2	15.2

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#25

Isophorone

Concen: 38.85 ng

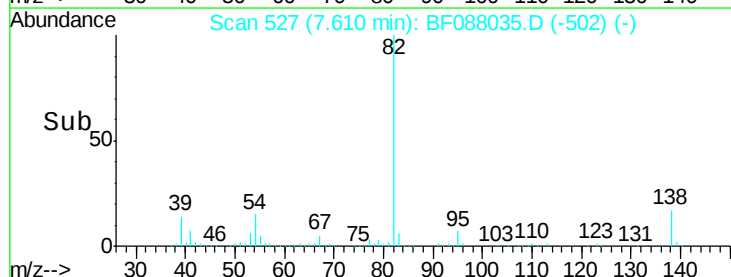
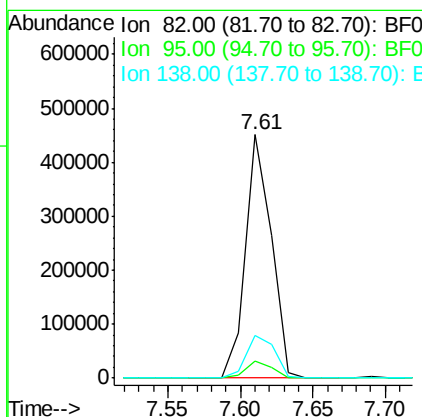
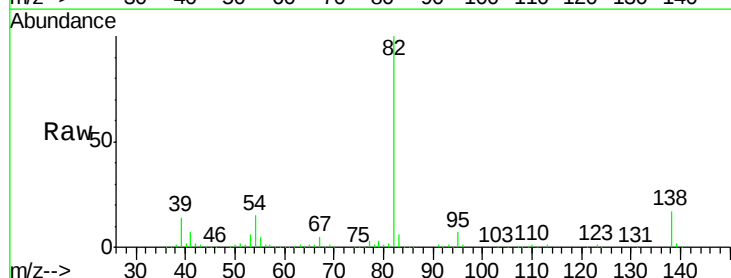
RT: 7.61 min Scan# 527

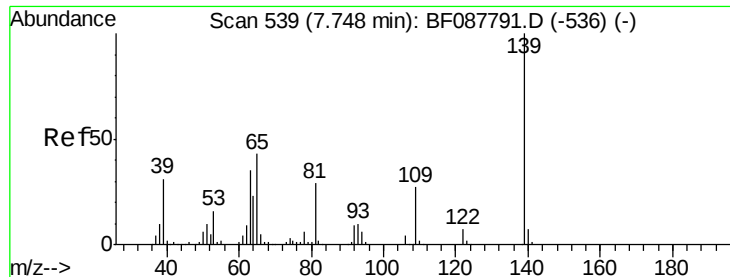
Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	82	Resp:	556321
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	17.4	14.6	21.8





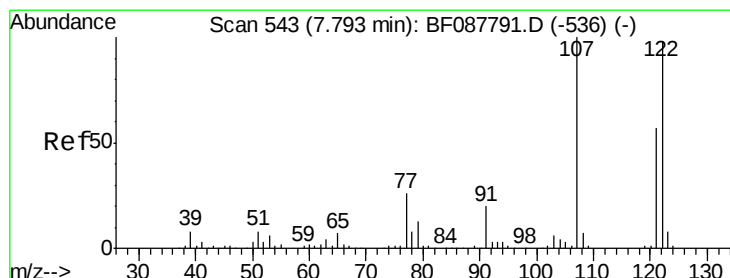
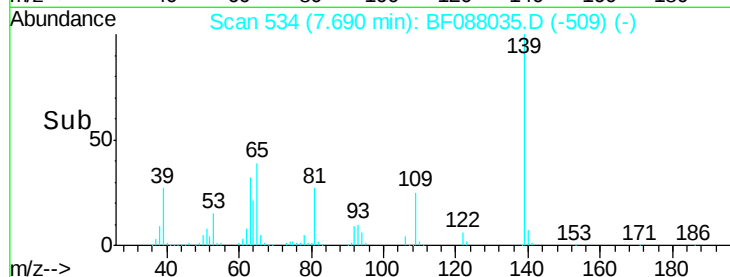
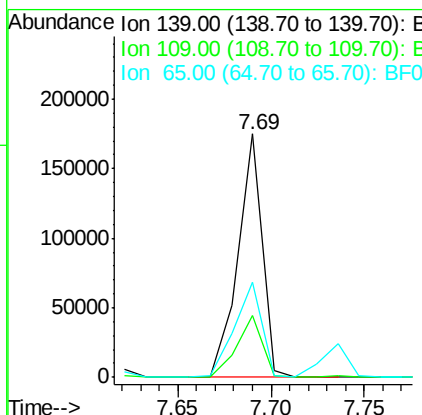
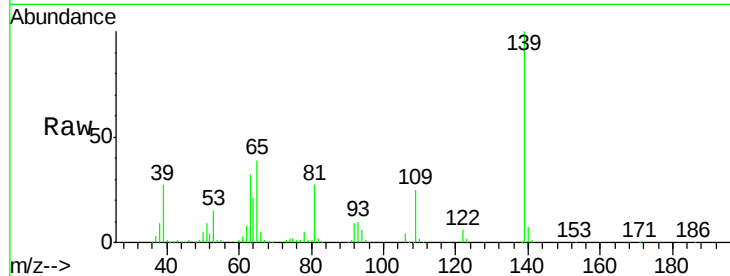
#26
2-Nitrophenol
Concen: 39.79 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.5	23.0	34.4	
65	39.0	45.8	68.8	

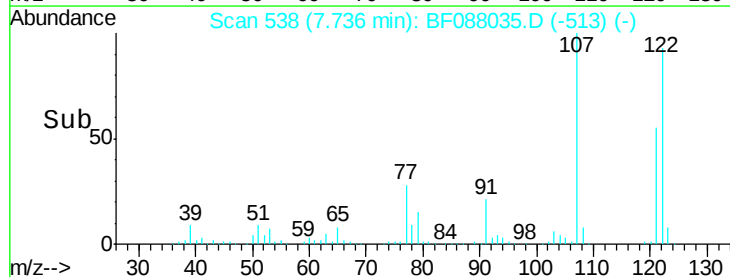
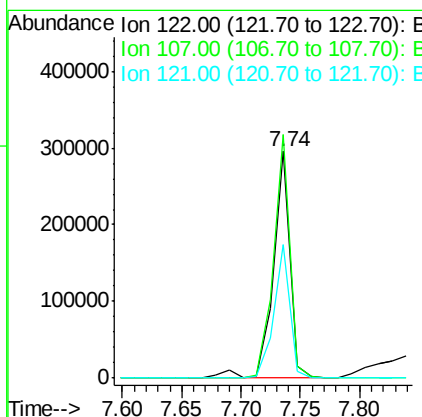
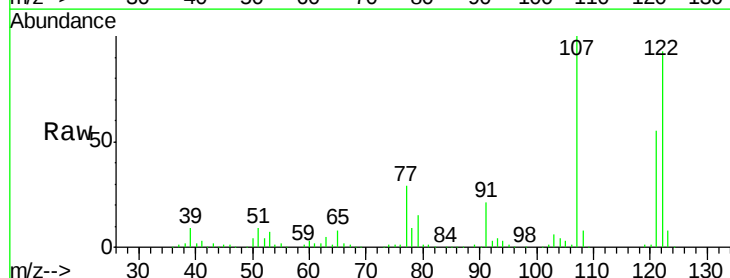
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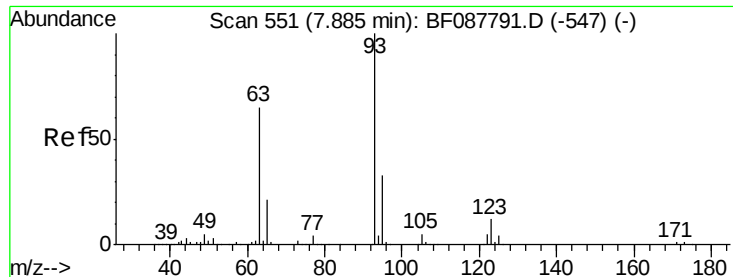
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#27
2,4-Dimethylphenol
Concen: 39.28 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	107.5	82.4	123.6	
121	58.8	46.3	69.5	





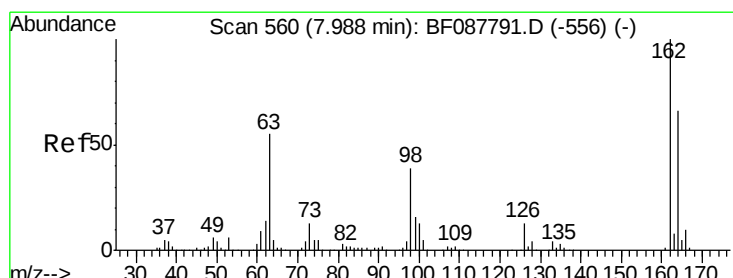
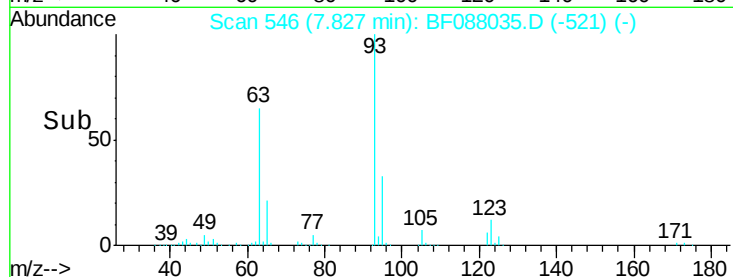
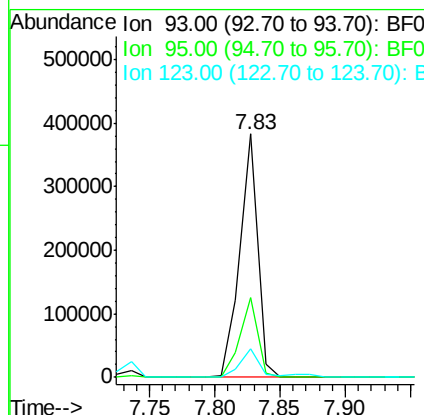
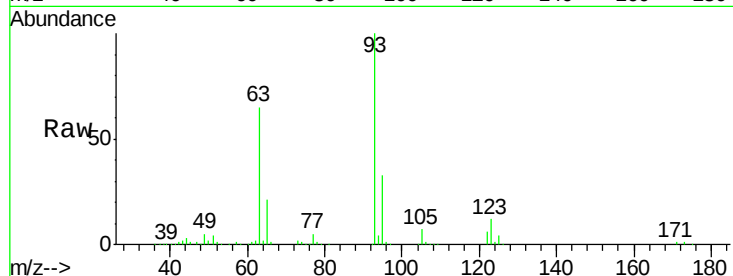
#28
bis(2-Chloroethoxy)methane
Concen: 41.01 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.6	26.5	39.7		
123	11.6	11.6	17.4		

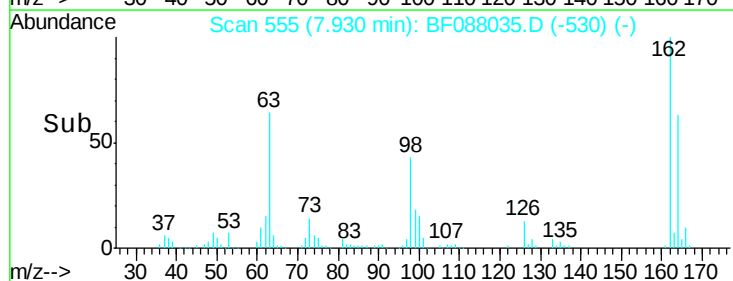
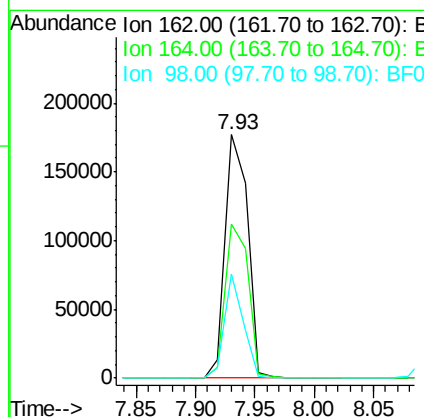
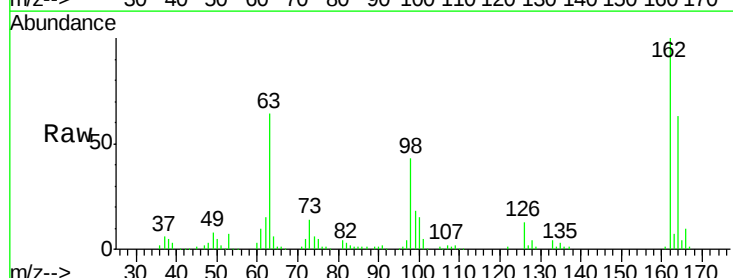
Manual Integrations
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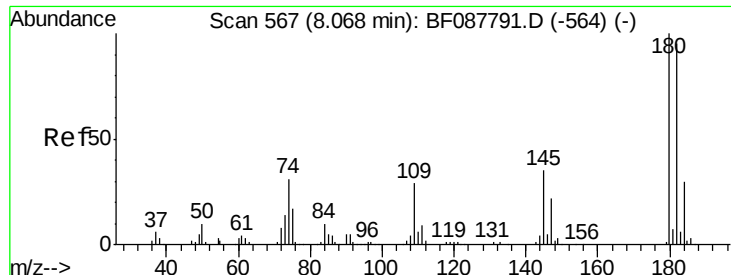
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#29
2,4-Dichlorophenol
Concen: 37.69 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	63.0	43.8	83.8		
98	42.9	21.3	61.3		





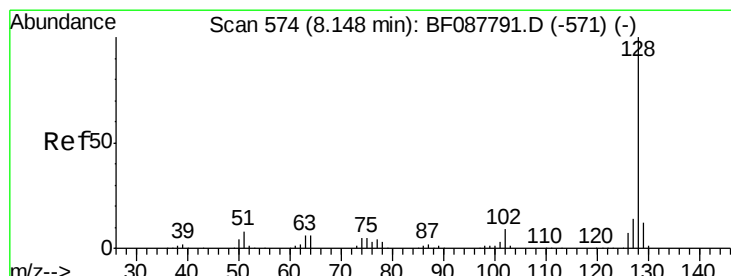
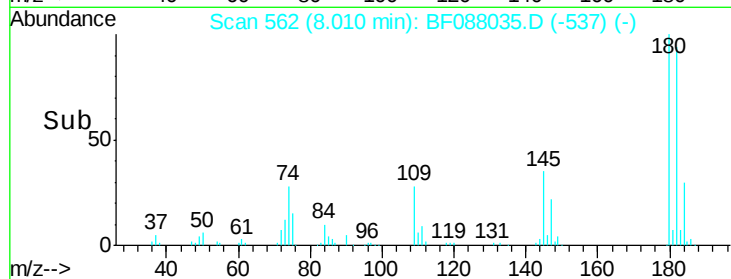
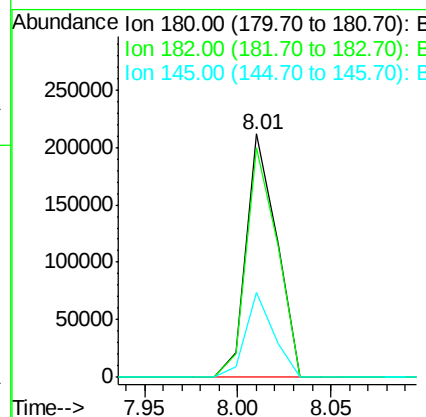
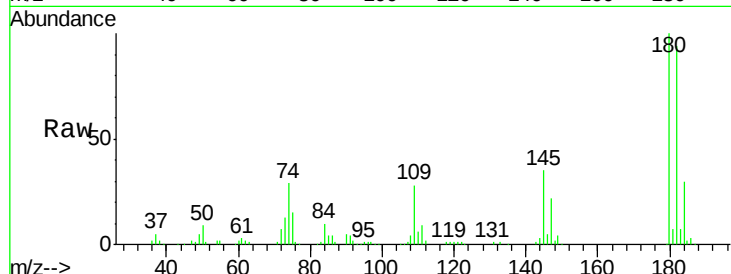
#30
1,2,4-Trichlorobenzene
Concen: 35.73 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	239943		
182	94.0	76.0	114.0	
145	34.7	26.5	39.7	

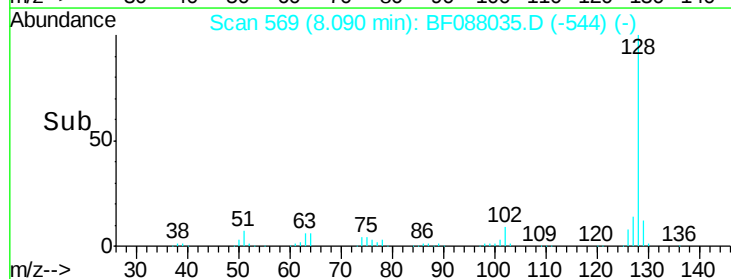
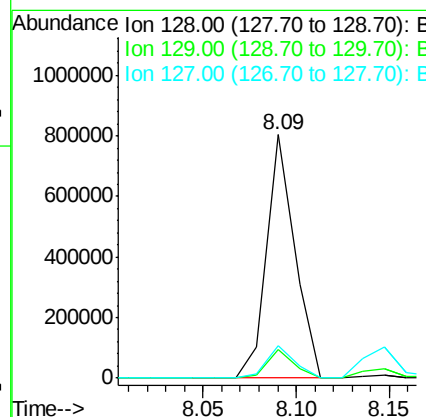
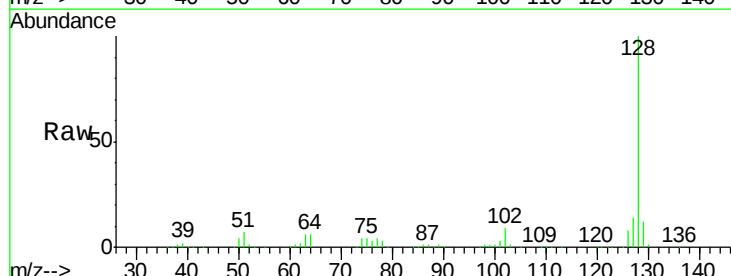
Manual Integrations
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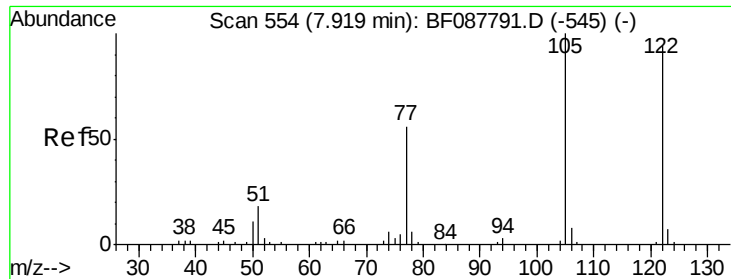
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#31
Naphthalene
Concen: 37.42 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	835880		
129	11.7	9.4	14.2	
127	13.5	10.9	16.3	





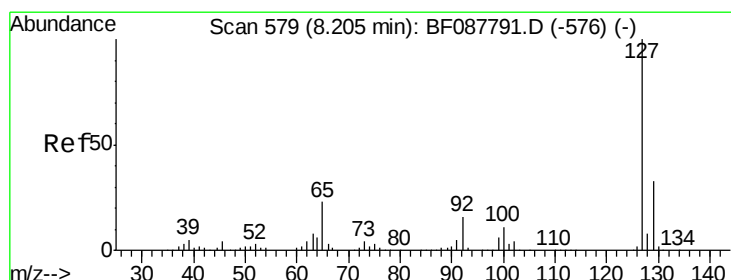
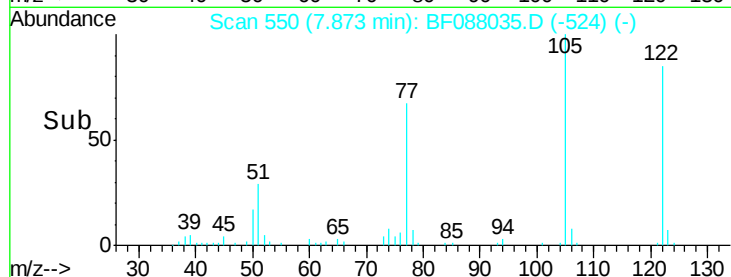
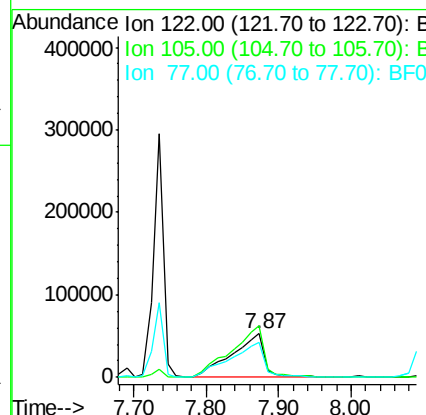
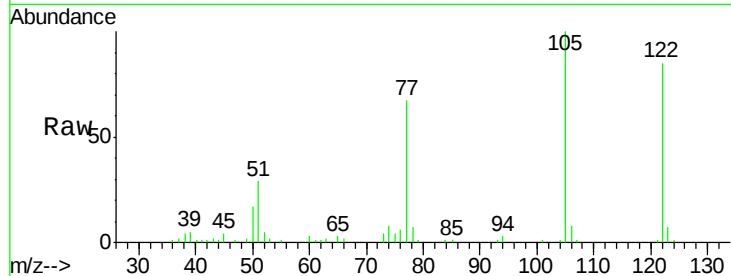
#32
Benzoic acid
Concen: 40.16 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	163321		
105	117.8	101.6	141.6	
77	79.1	70.6	110.6	

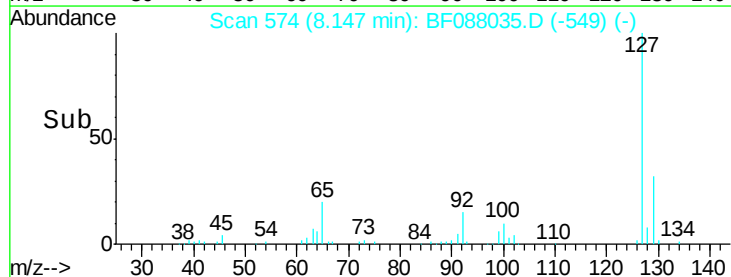
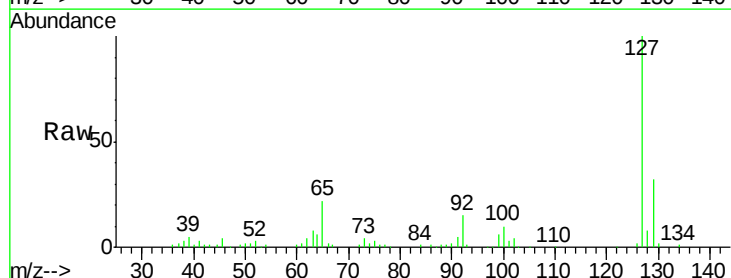
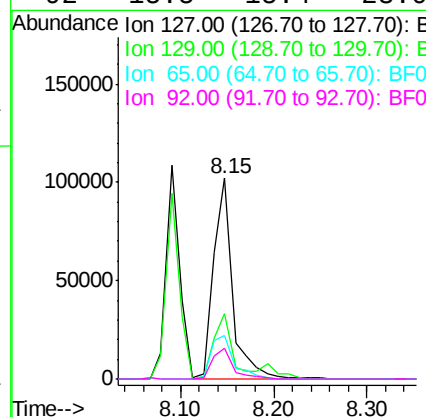
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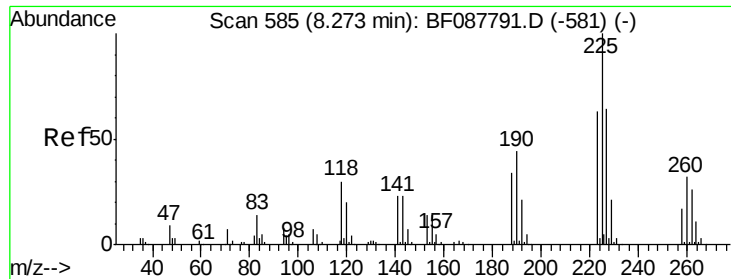
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#33
4-Chloroaniline
Concen: 14.50 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	144690		
129	32.3	26.3	39.5	
65	21.8	24.7	37.1#	
92	15.5	15.4	23.0	





#34

Hexachlorobutadiene

Concen: 38.88 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

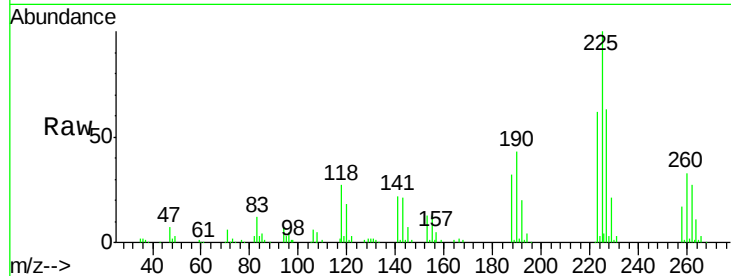
ClientSampleId :

HSR-WC-50-060616MSD

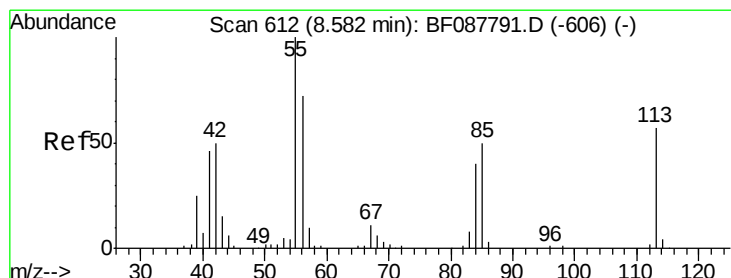
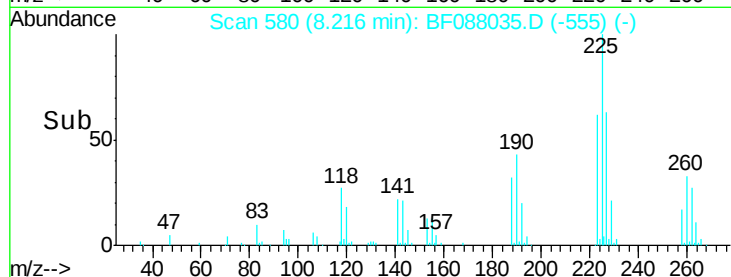
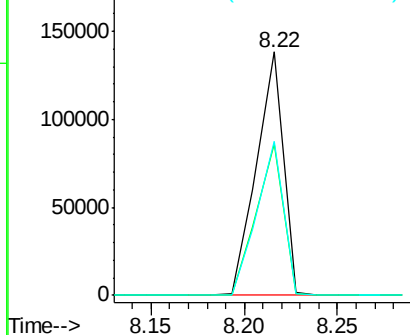
Tot Ion:	225	Resp:	137693
Ion Ratio		Lower	Upper
225	100		
223	62.3	50.9	76.3
227	63.1	51.9	77.9

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 34.49 ng

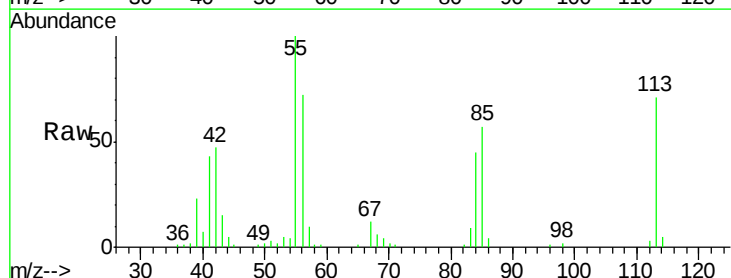
RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

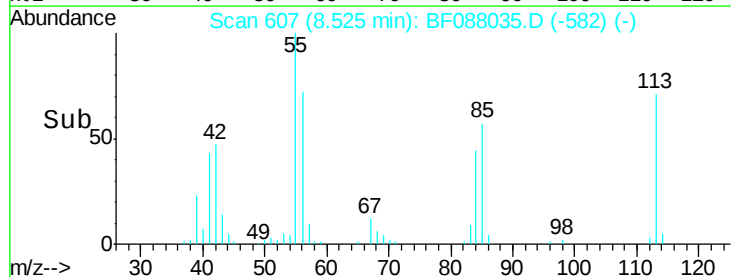
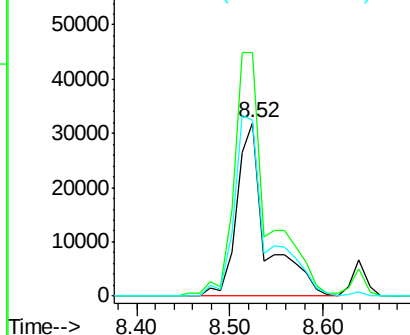
Lab File: BF088035.D

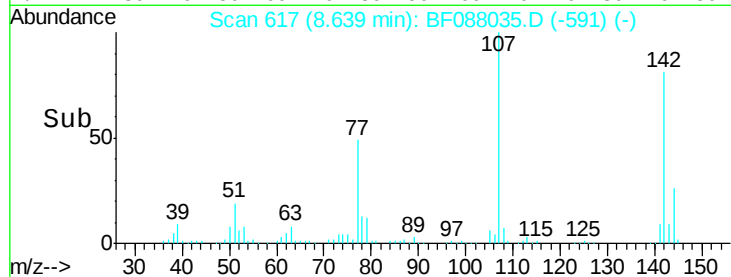
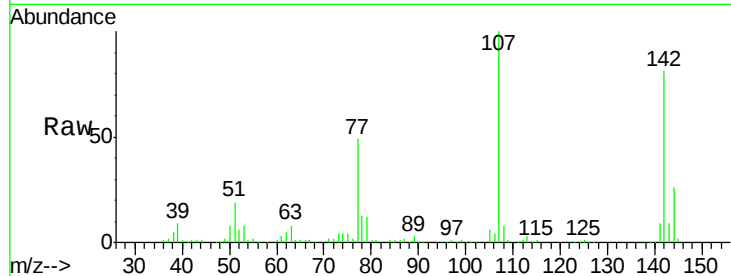
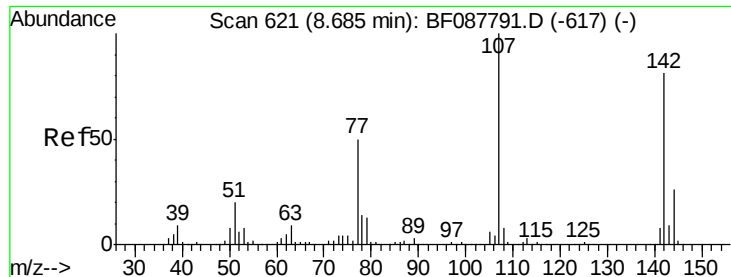
Acq: 15 Jun 2016 9:11

Tgt Ion:	113	Resp:	70445
Ion Ratio		Lower	Upper
113	100		
55	140.0	158.6	198.6#
56	100.8	110.6	150.6#



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





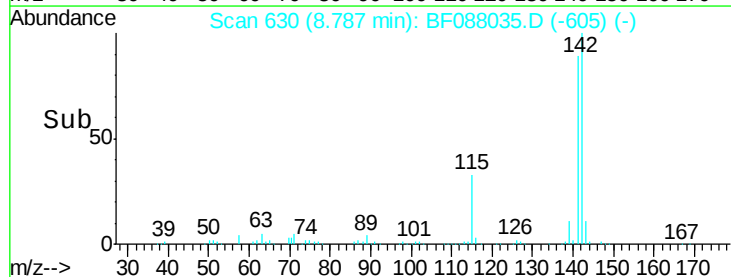
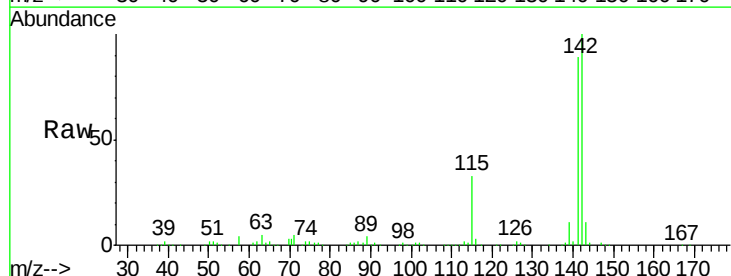
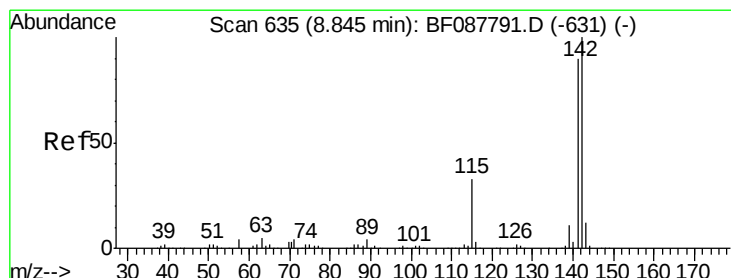
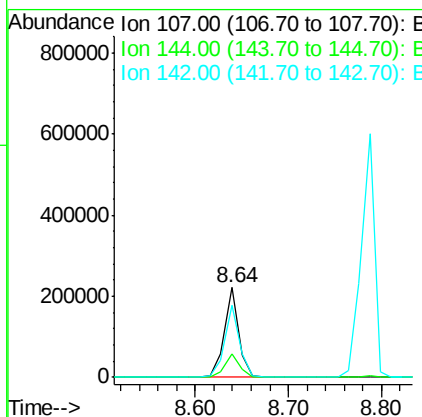
#36
4-Chloro-3-methylphenol
Concen: 36.13 ng
RT: 8.64 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tot Ion	Ratio	Resp	Lower	Upper
107	100	238265		
144	25.9	20.8	31.2	
142	80.7	63.4	95.2	

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

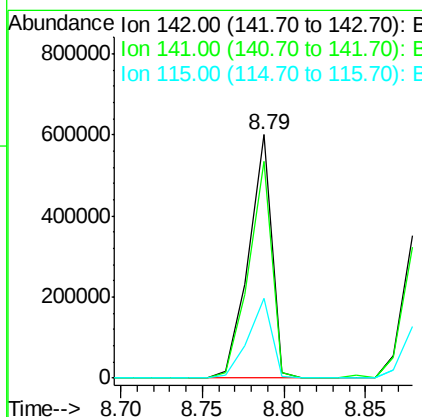
Manual Integrations
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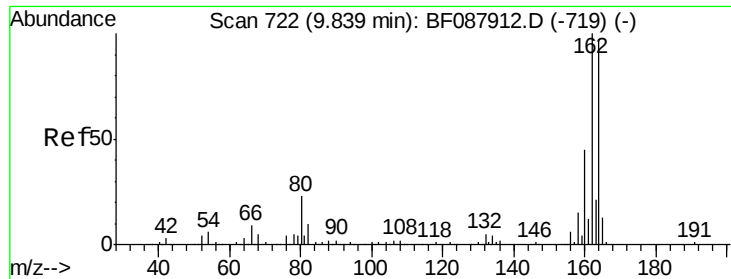
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#37
2-Methylnaphthalene
Concen: 40.30 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	593435		
141	88.9	71.0	106.6	
115	32.5	22.6	33.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF088035.D

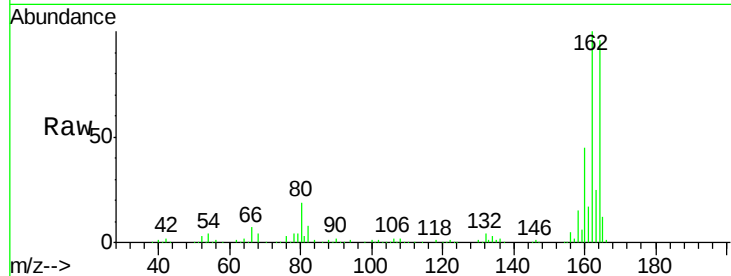
Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

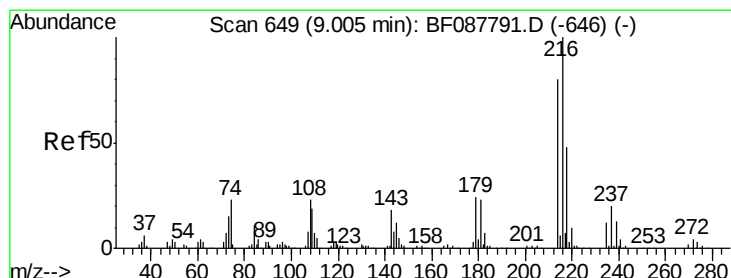
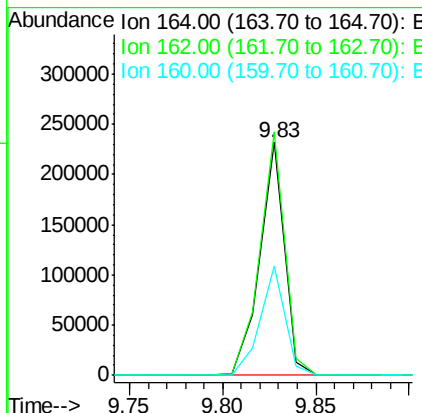
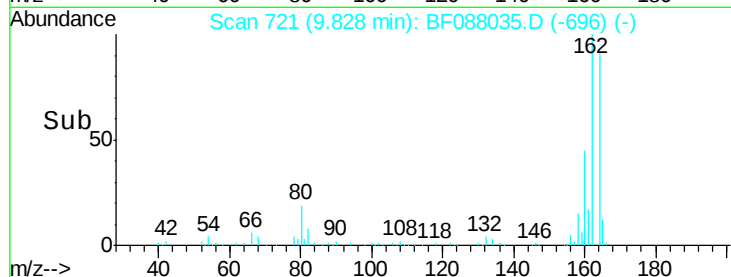
HSR-WC-50-060616MSD



Tot Ion:	164	Resp:	211474
Ion Ratio	Lower	Upper	
164	100		
162	104.4	85.4	128.2
160	46.9	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.95 ng

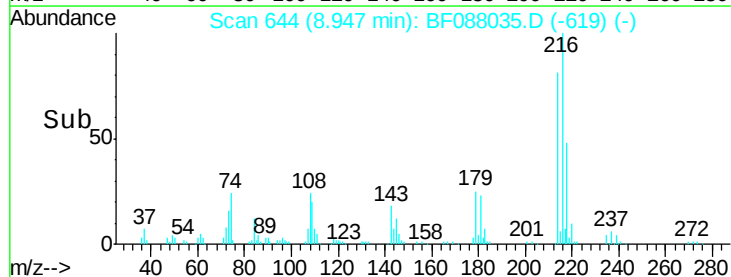
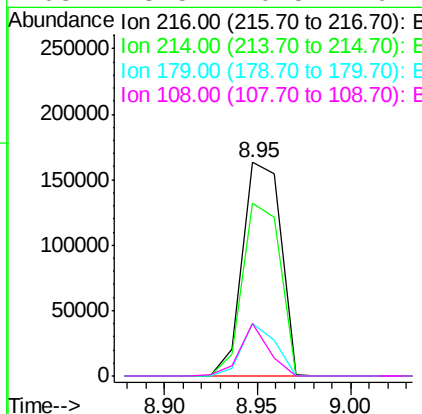
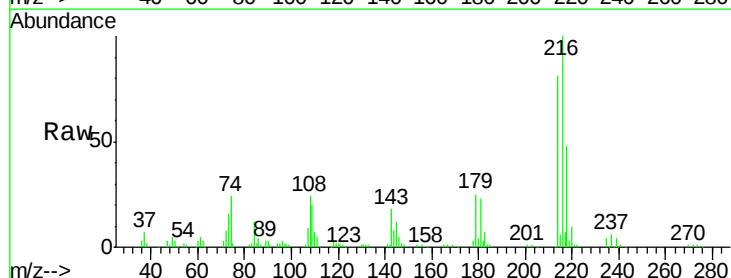
RT: 8.95 min Scan# 644

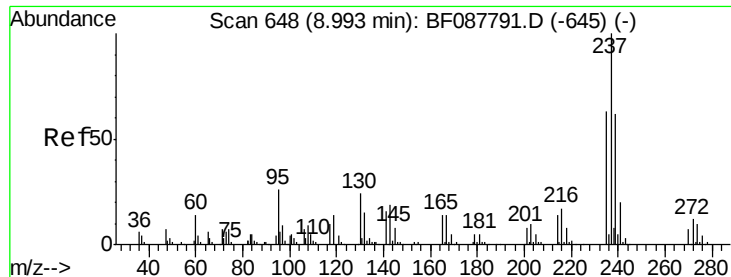
Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	216	Resp:	232326
Ion Ratio	Lower	Upper	
216	100		
214	79.5	2.9	4.3#
179	21.6	0.0	0.0#
108	18.5	0.5	0.7#





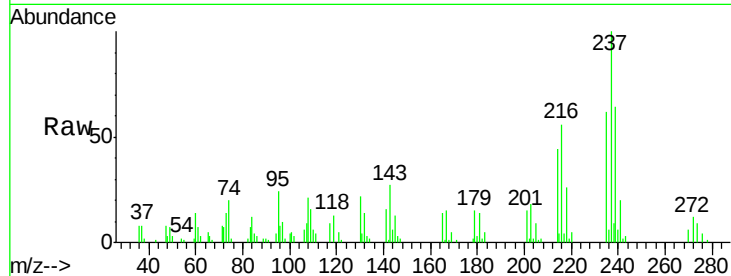
#40
Hexachlorocyclopentadiene
Concen: 10.69 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

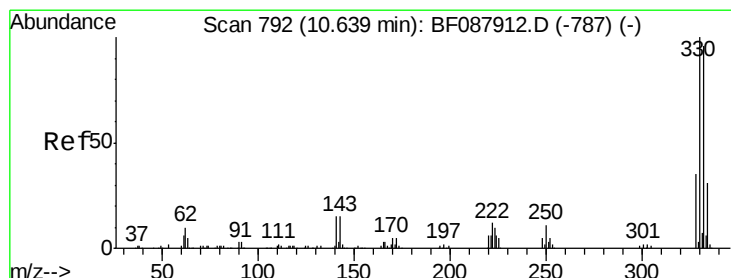
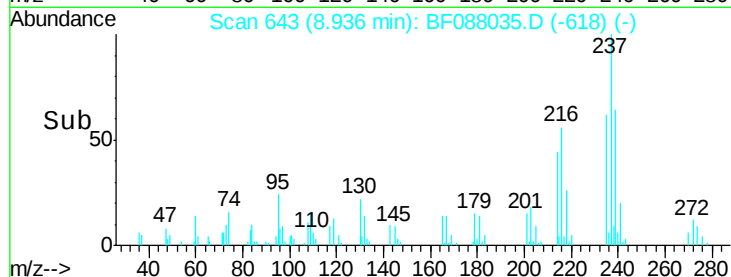
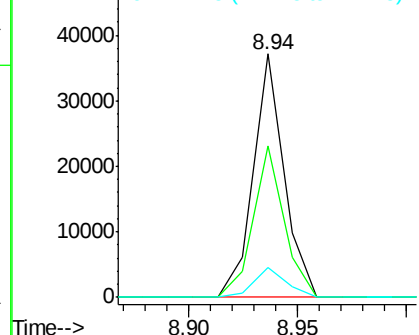
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	43.4	83.4
272	12.4	0.0	32.3

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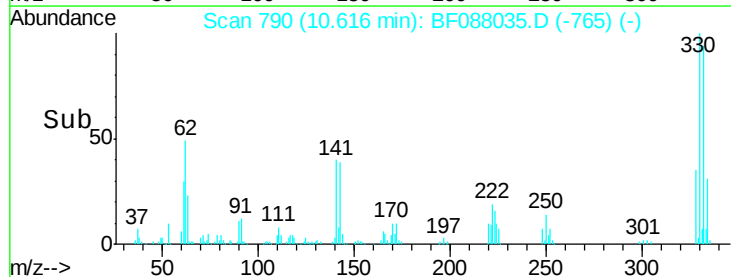
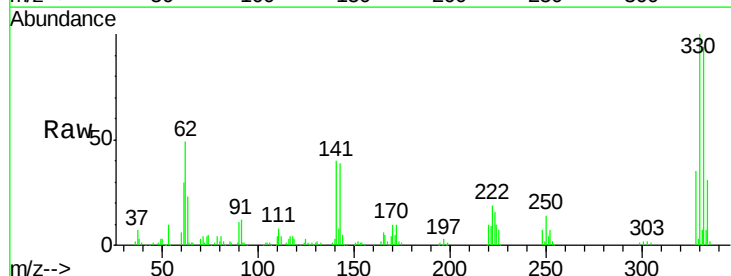
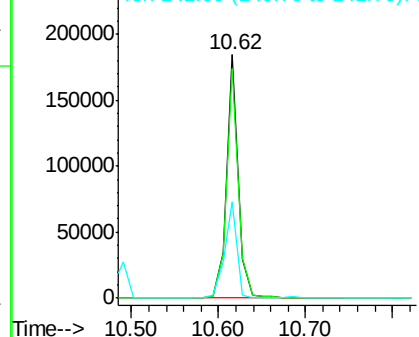
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

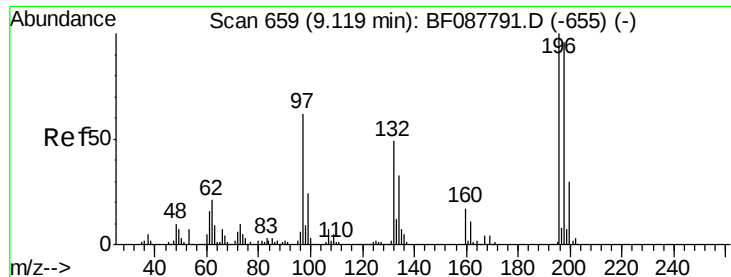


#41
2,4,6-Tribromophenol
Concen: 78.71 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	41.7	0.0	0.0#

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





#42

2,4,6-Trichlorophenol

Concen: 38.97 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

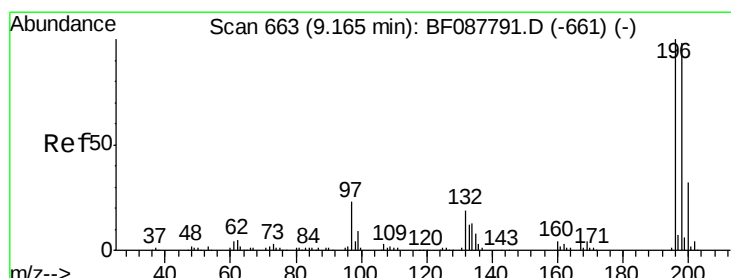
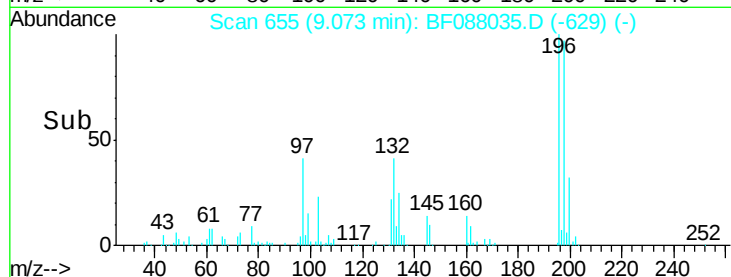
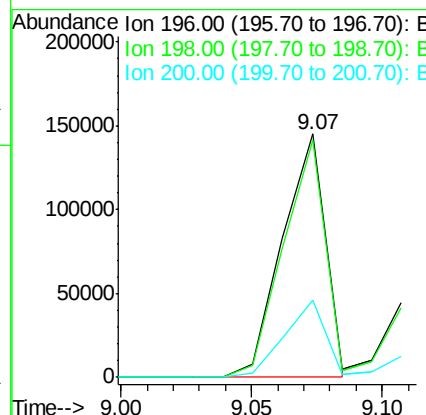
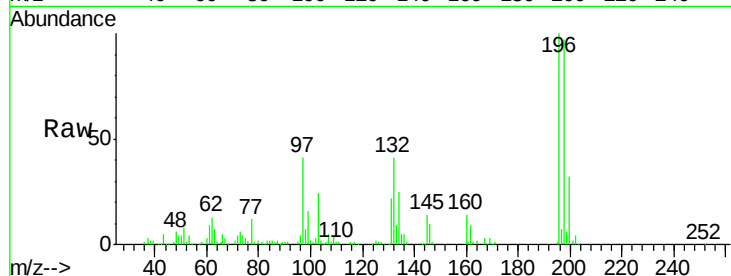
ClientSampleId :

HSR-WC-50-060616MSD

Tot Ion:	196	Resp:	164800
Ion Ratio	Lower	Upper	
196	100		
198	97.2	78.0	117.0
200	31.7	25.4	38.2

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#43

2,4,5-Trichlorophenol

Concen: 38.45 ng

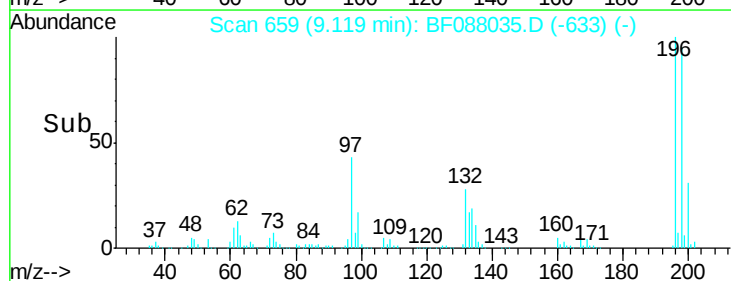
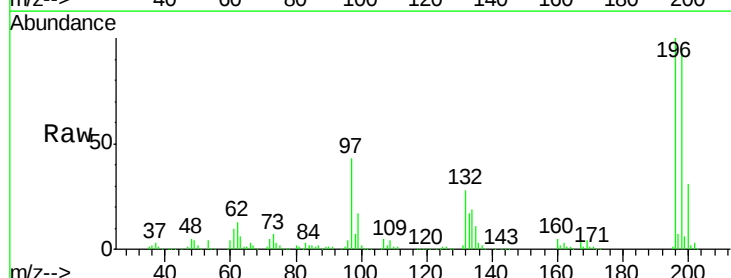
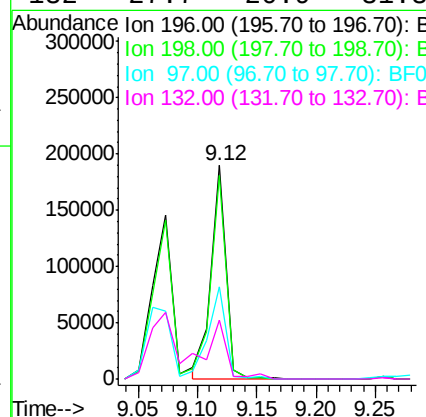
RT: 9.12 min Scan# 659

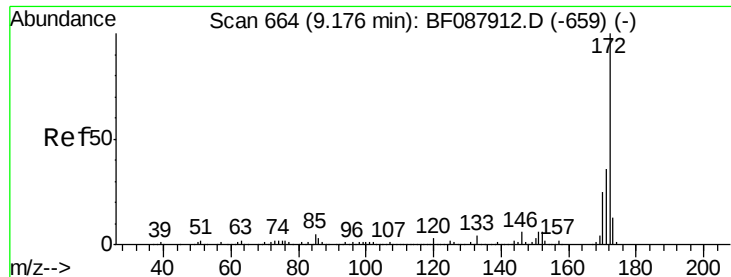
Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	196	Resp:	169160
Ion Ratio	Lower	Upper	
196	100		
198	95.5	77.5	116.3
97	43.3	32.0	48.0
132	27.7	20.9	31.3





#44

2-Fluorobiphenyl

Concen: 70.24 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

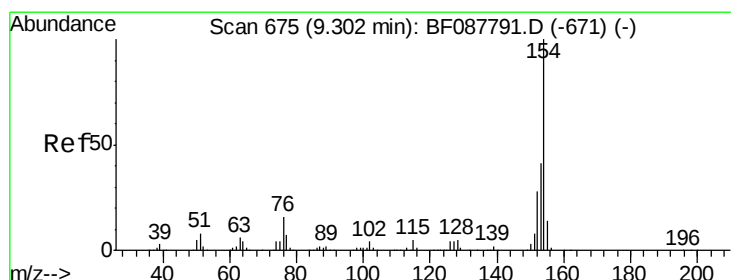
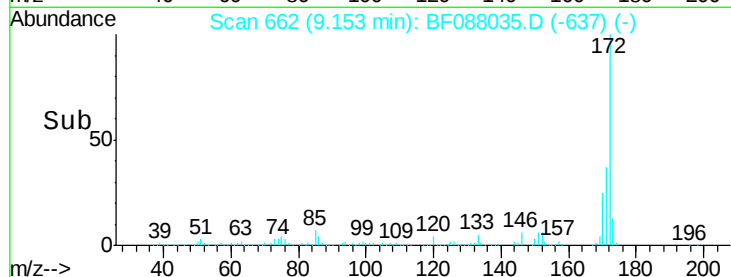
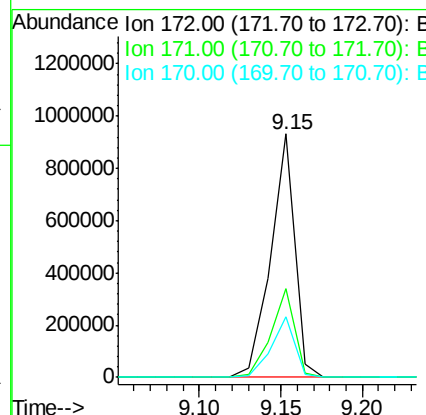
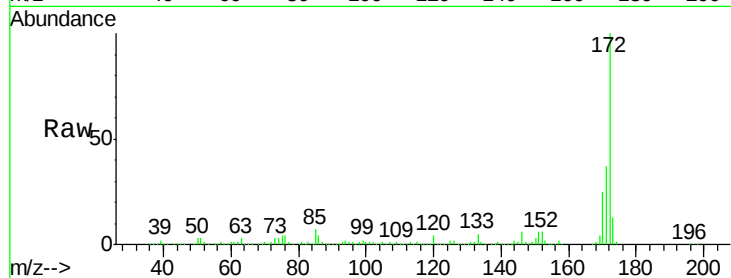
ClientSampleId :

HSR-WC-50-060616MSD

Tot Ion:	172	Resp:	958524
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.6	43.0
170	24.8	19.2	28.8

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#45

1,1'-Biphenyl

Concen: 44.99 ng

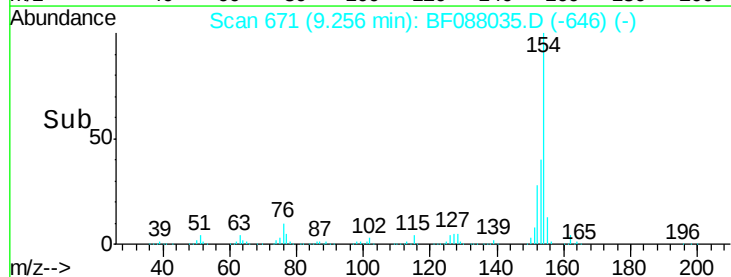
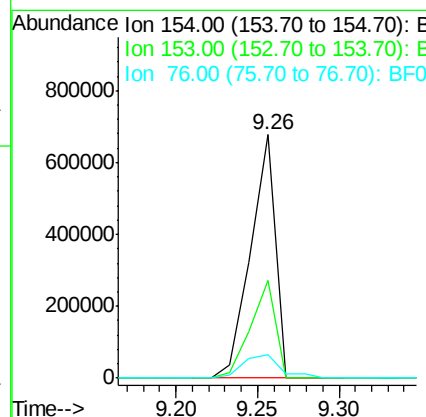
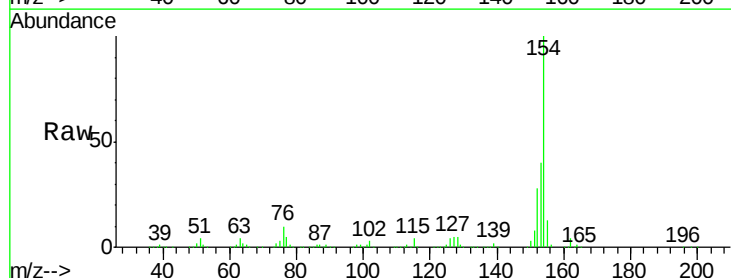
RT: 9.26 min Scan# 671

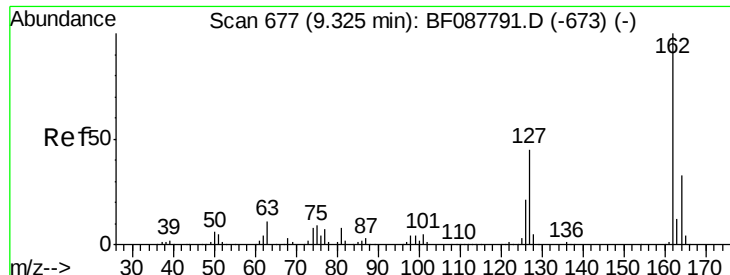
Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	154	Resp:	714119
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.6	60.6
76	9.8	0.0	35.1





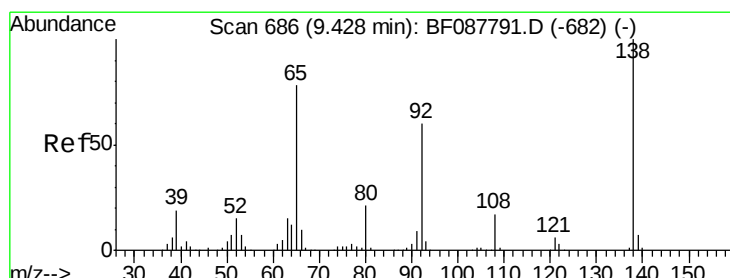
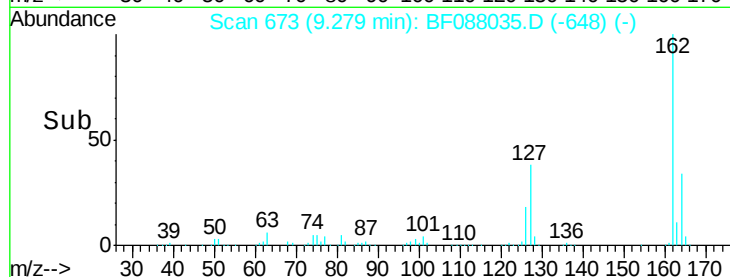
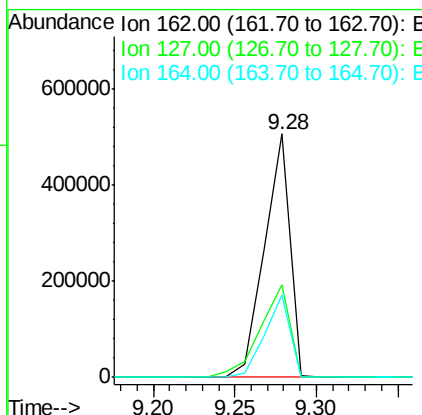
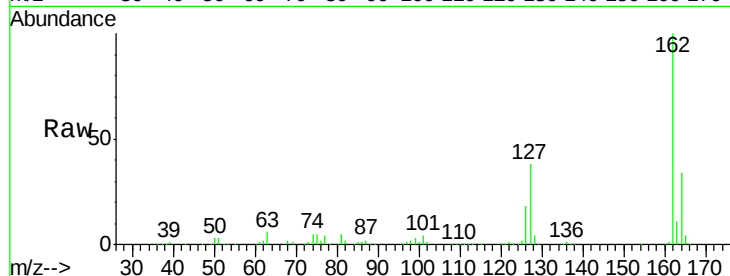
#46
2-Chloronaphthalene
Concen: 40.15 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		549472		
127	37.9	35.2	52.8		
164	33.6	26.6	39.8		

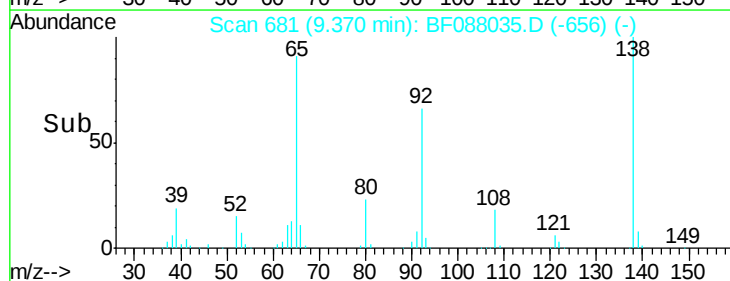
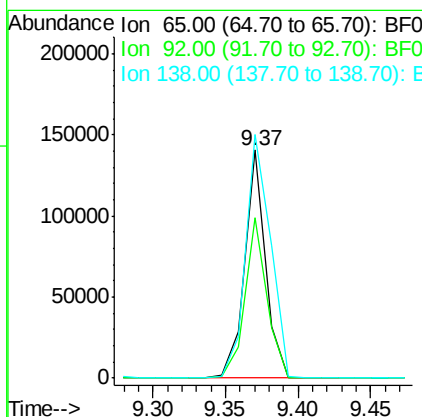
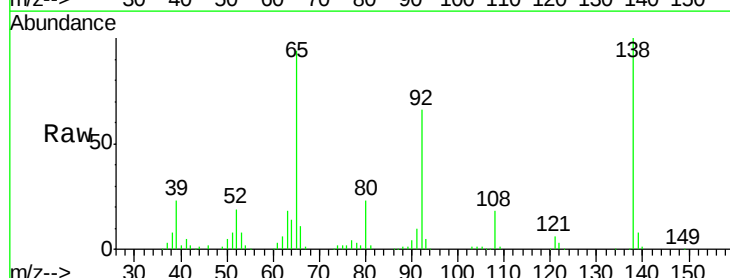
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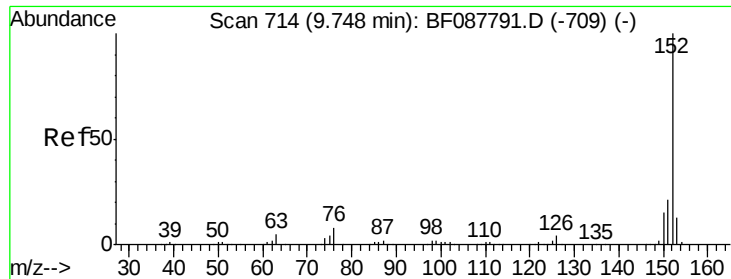
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#47
2-Nitroaniline
Concen: 34.71 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		140113		
92	70.6	54.6	82.0		
138	106.9	77.0	115.4		





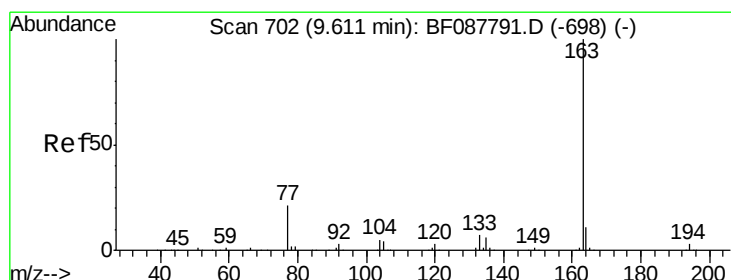
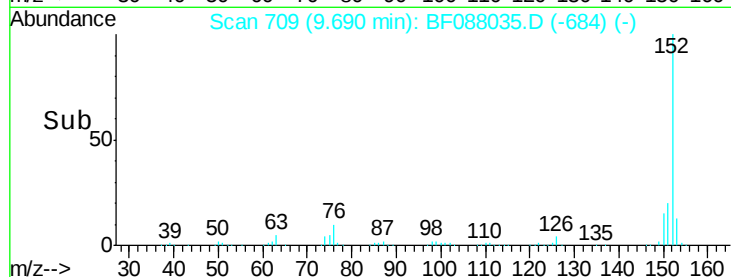
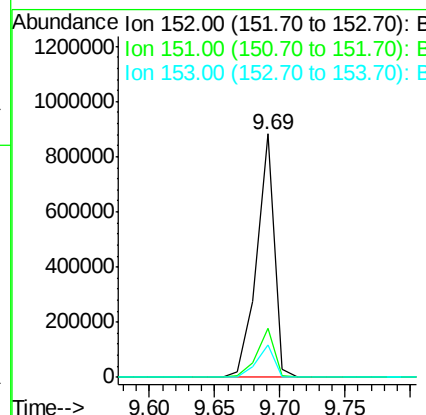
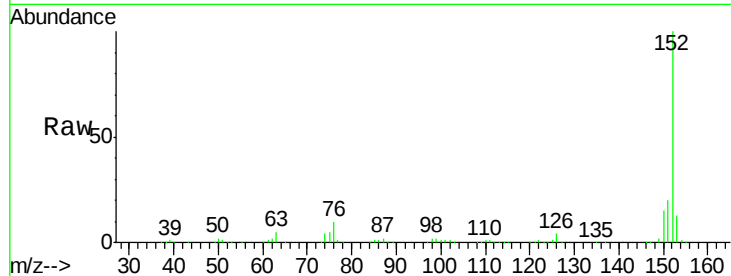
#48
Acenaphthylene
Concen: 38.16 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.3	11.0	16.6

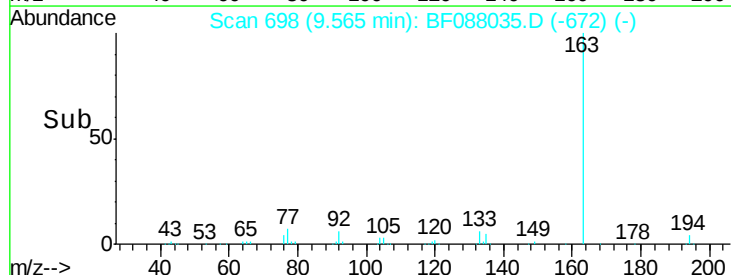
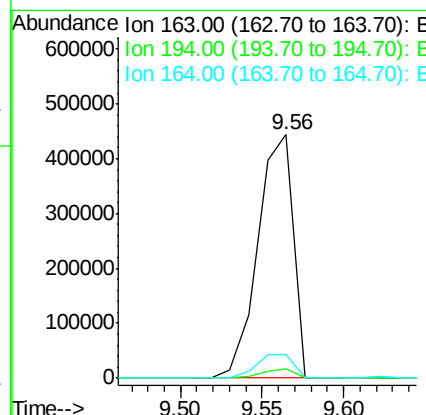
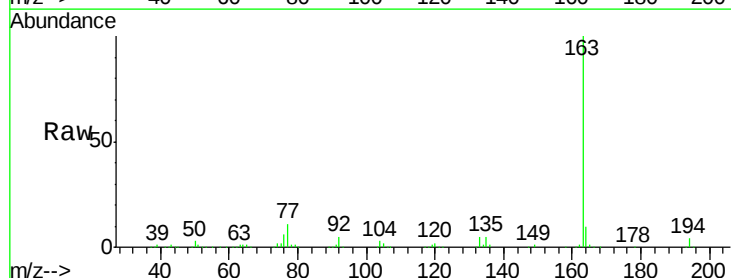
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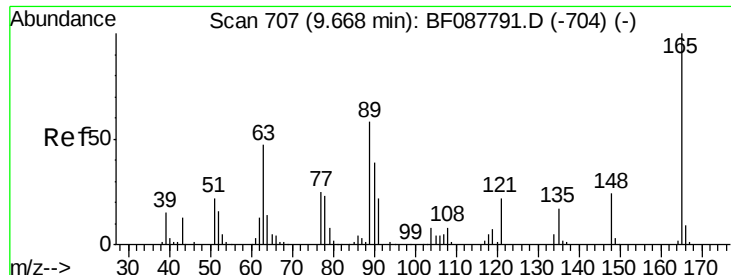
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#49
Dimethylphthalate
Concen: 43.57 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.6	8.3	12.5





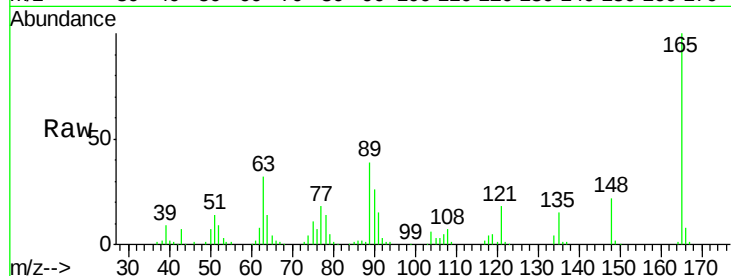
#50
2,6-Dinitrotoluene
Concen: 44.37 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

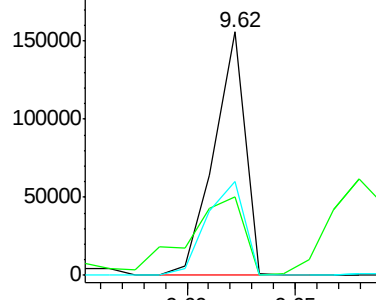
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	32.5	28.1	42.1
89	38.7	32.2	48.2

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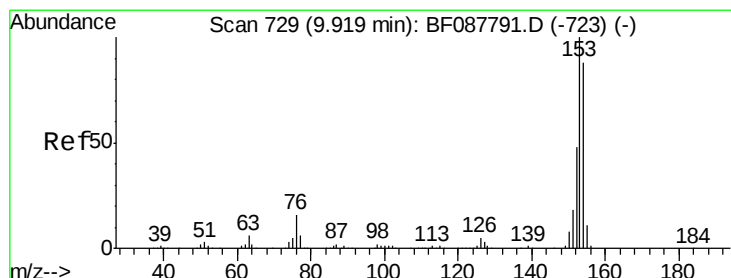
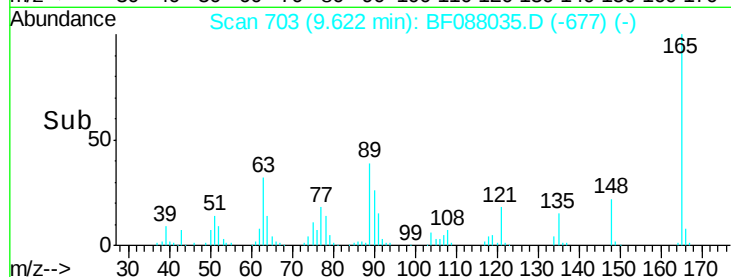
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

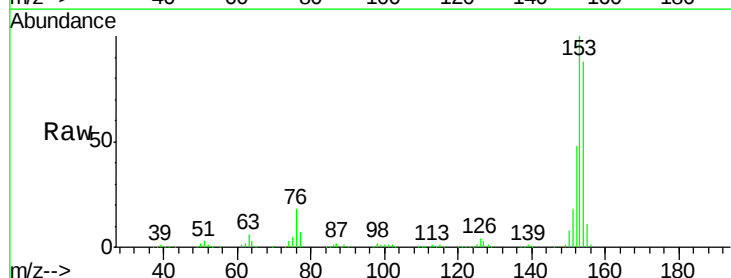


Time-->

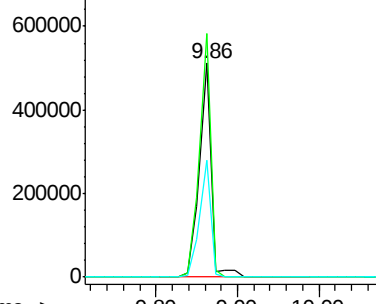


#51
Acenaphthene
Concen: 37.57 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

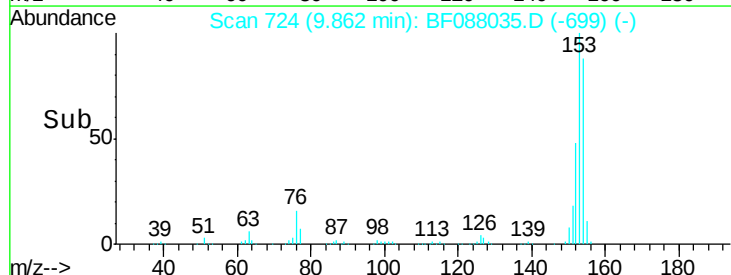
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.0	89.5	134.3
152	54.5	42.7	64.1

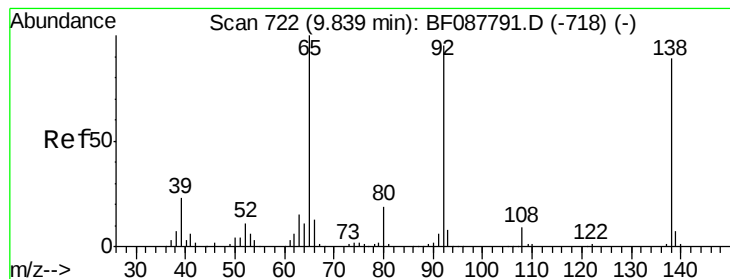


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time-->





#52

3-Nitroaniline

Concen: 19.64 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF088035.D

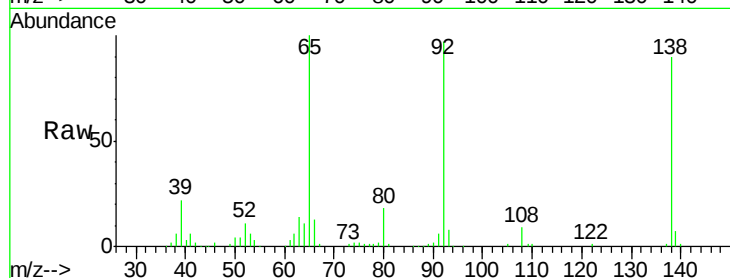
Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

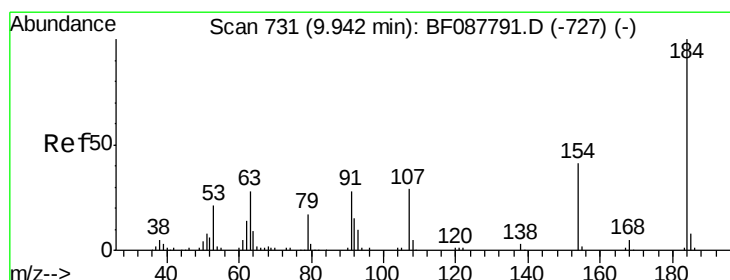
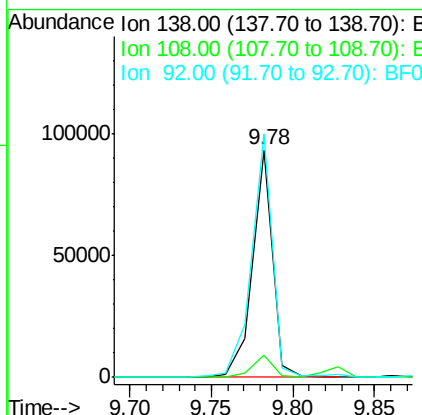
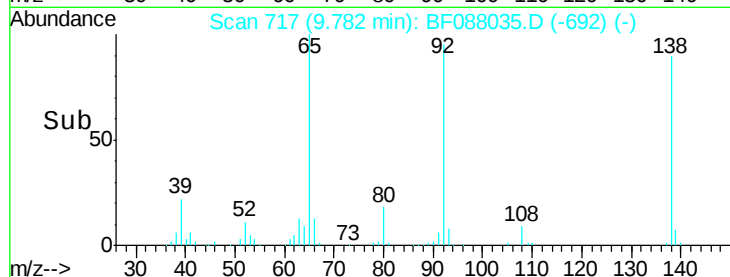
HSR-WC-50-060616MSD



Tot Ion:	138	Resp:	79504
Ion Ratio	Lower	Upper	
138	100		
108	9.5	8.5	12.7
92	107.2	95.7	143.5

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#53

2,4-Dinitrophenol

Concen: 28.81 ng

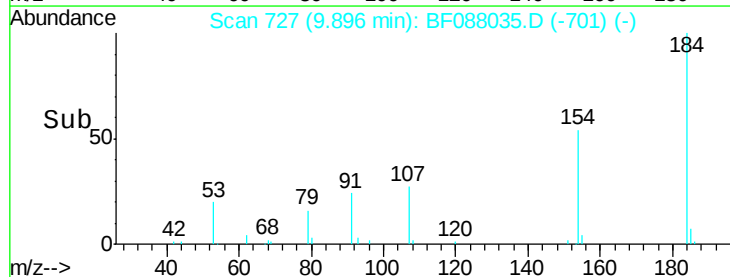
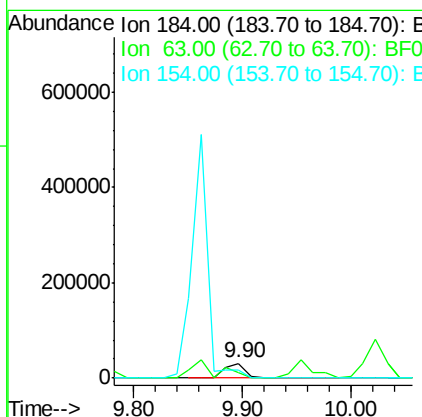
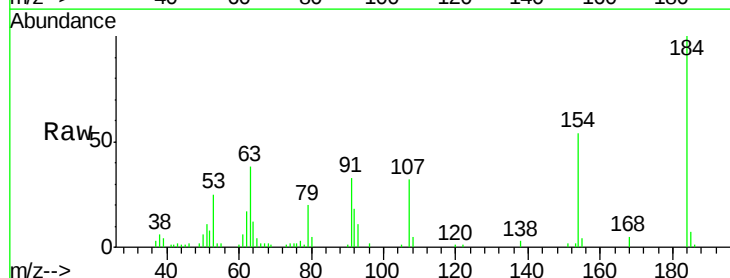
RT: 9.90 min Scan# 727

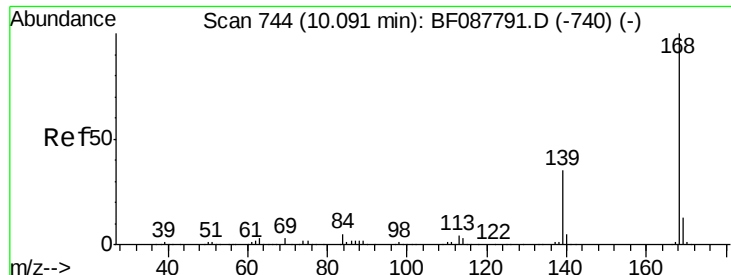
Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

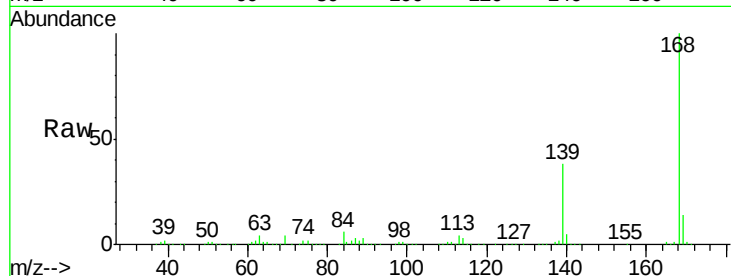
Tgt Ion:	184	Resp:	44166
Ion Ratio	Lower	Upper	
184	100		
63	37.5	57.6	86.4#
154	54.3	53.5	80.3





#54
Dibenzenofuran
Concen: 39.01 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

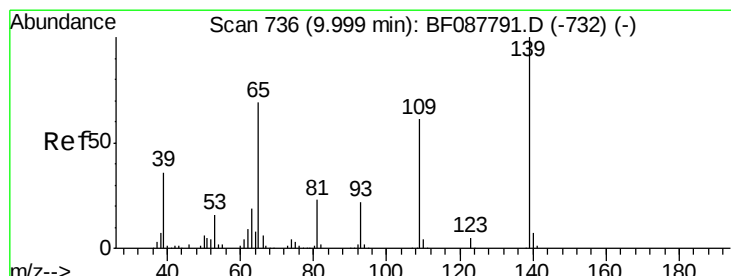
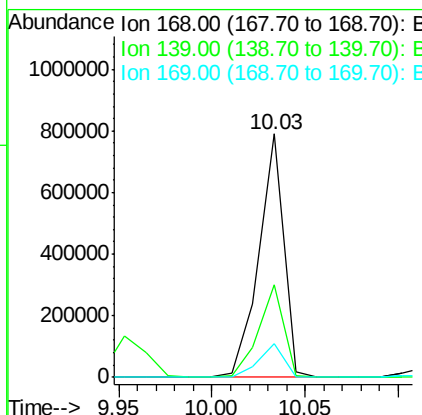
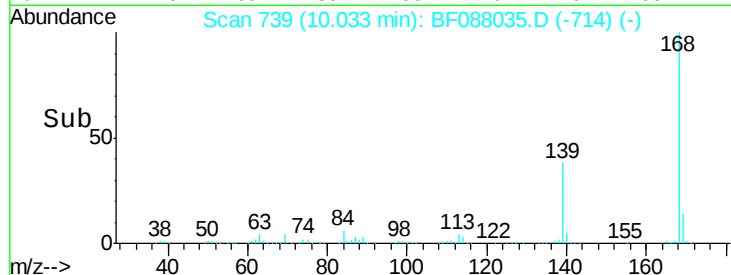
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD



Tot Ion:	168	Resp:	729517
Ion Ratio	Lower	Upper	
168	100		
139	37.8	26.4	39.6
169	13.6	10.4	15.6

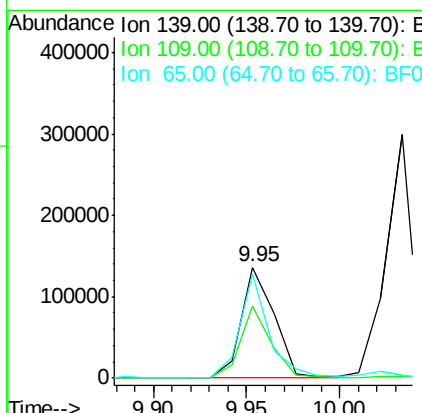
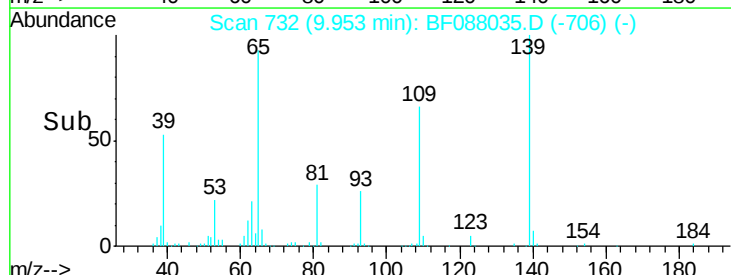
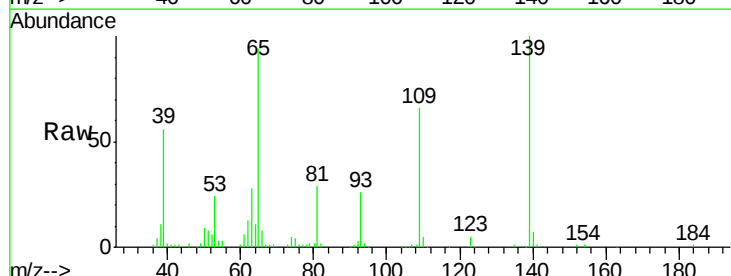
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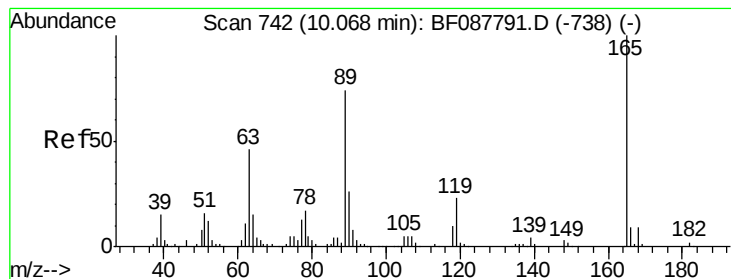
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#55
4-Nitrophenol
Concen: 53.78 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion:	139	Resp:	168983
Ion Ratio	Lower	Upper	
139	100		
109	65.5	48.9	88.9
65	93.9	84.9	124.9





#56

2,4-Dinitrotoluene

Concen: 38.82 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

Tot Ion:165 Resp: 175036
Ion Ratio Lower Upper

165 100

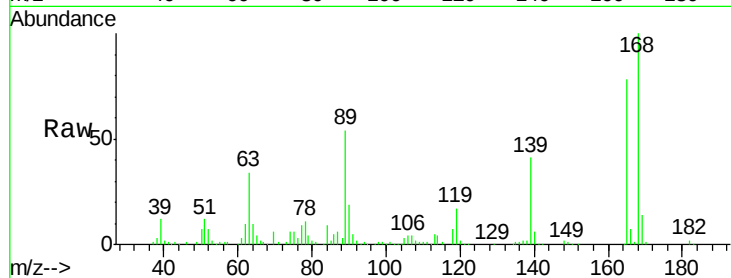
63 43.3 22.0 33.0#

89 68.9 41.1 61.7#

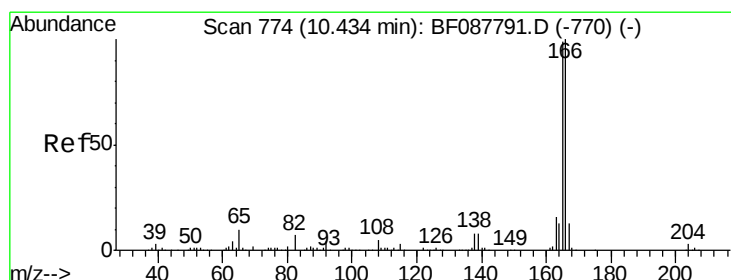
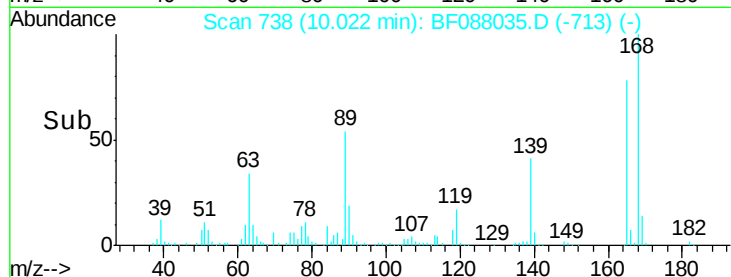
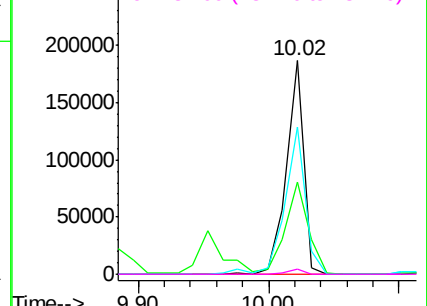
182 2.3 2.0 3.0

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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: 43.62 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF088035.D

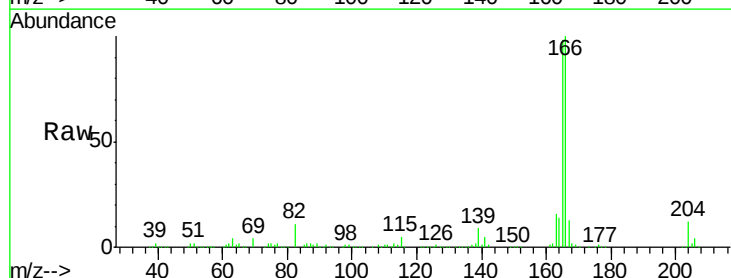
Acq: 15 Jun 2016 9:11

Tgt Ion:166 Resp: 553135
Ion Ratio Lower Upper

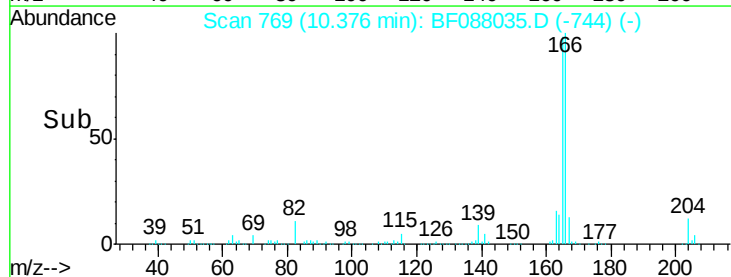
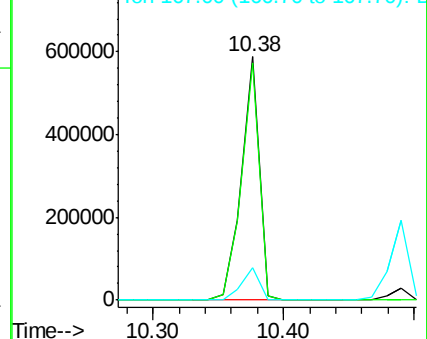
166 100

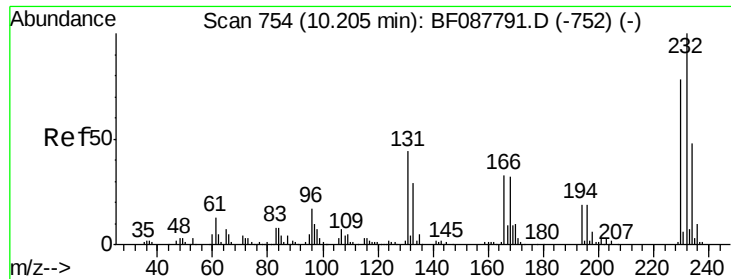
165 97.6 77.8 116.8

167 13.3 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





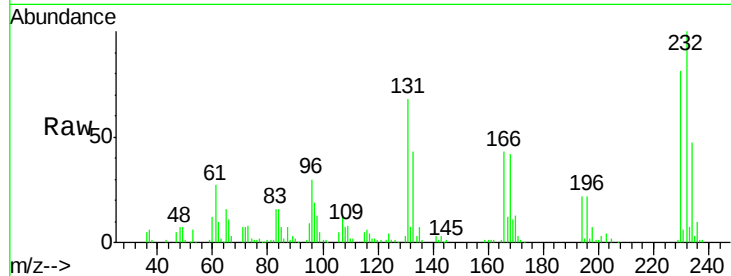
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.25 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

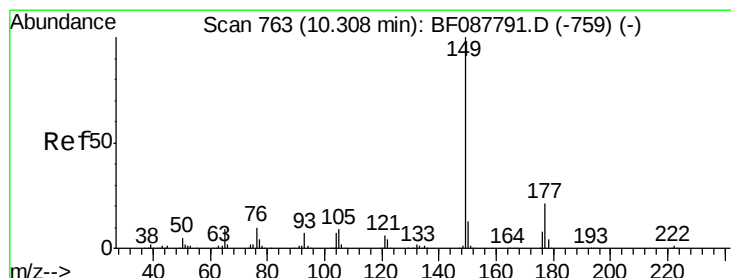
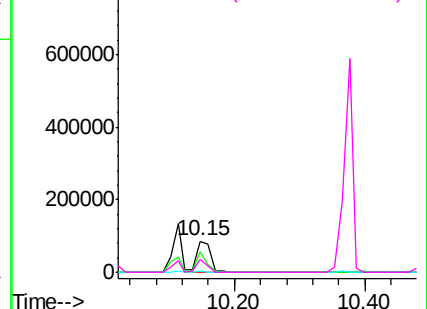
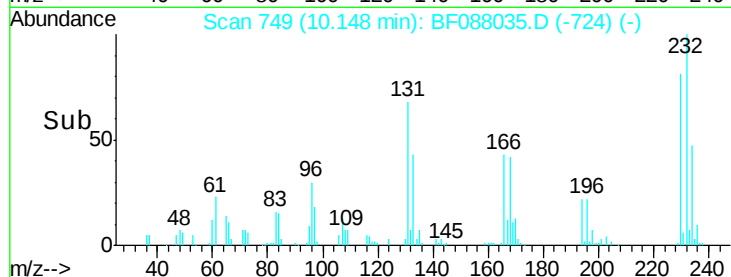
Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	49.4	0.9	1.3#
130	2.2	1.5	2.3
166	32.9	0.5	0.7#

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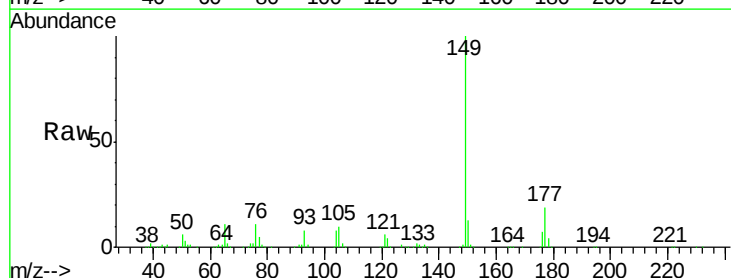


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

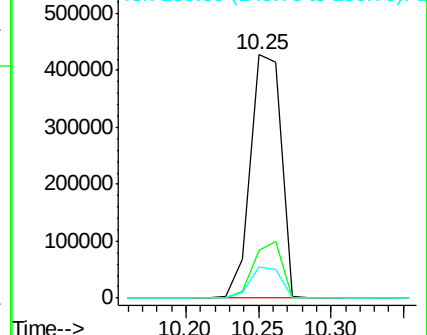
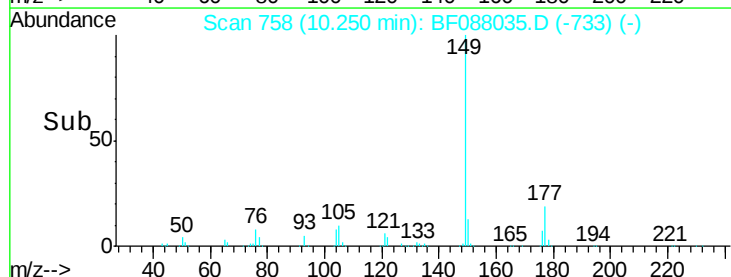


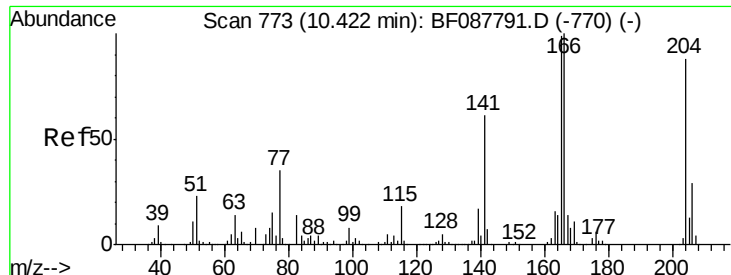
#59
 Diethylphthalate
 Concen: 40.50 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	19.5	16.9	25.3
150	13.0	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





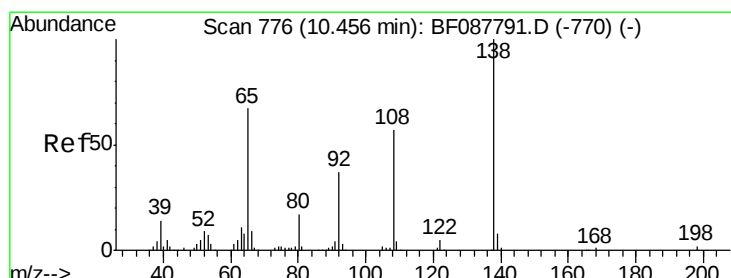
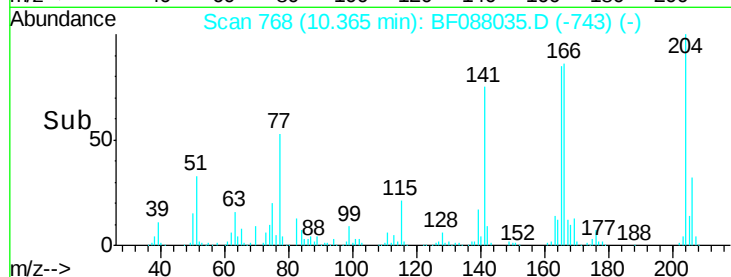
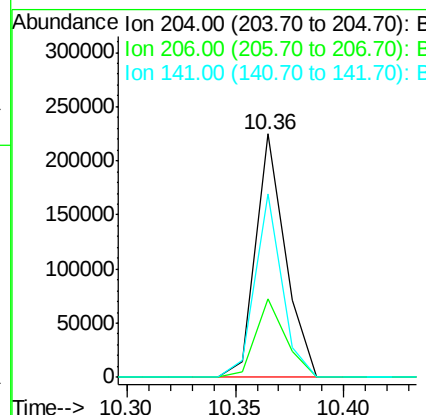
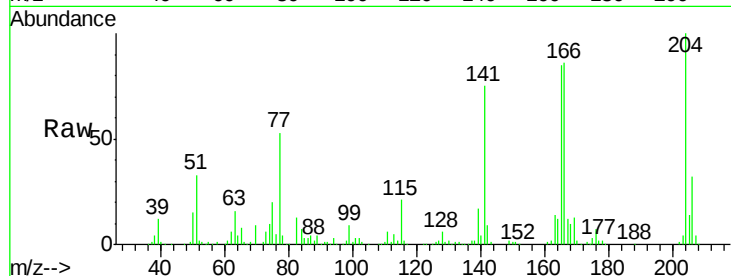
#60
 4-Chlorophenyl-phenylether
 Concen: 34.21 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

Tot Ion:	204	Resp:	212764
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.3	39.5
141	75.3	55.0	82.6

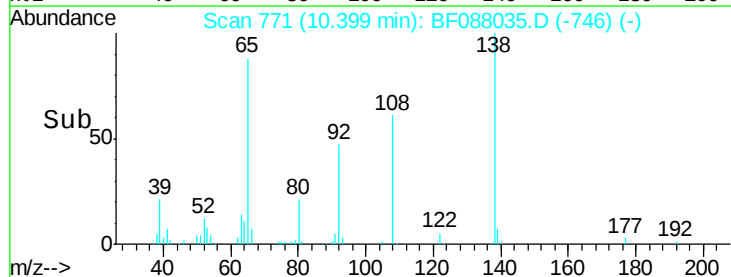
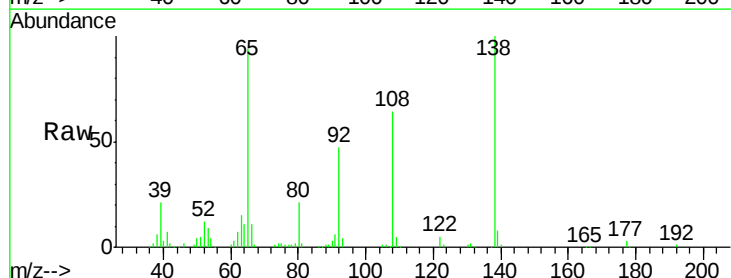
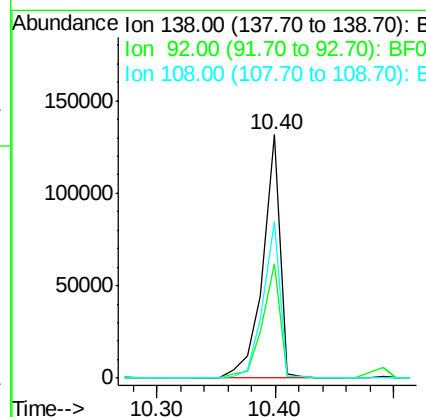
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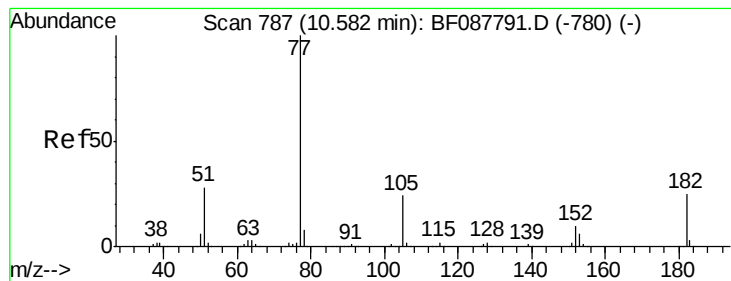
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#61
 4-Nitroaniline
 Concen: 35.08 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion:	138	Resp:	134701
Ion Ratio	Lower	Upper	
138	100		
92	47.2	27.3	67.3
108	64.2	46.7	86.7





#62

Azobenzene

Concen: 36.70 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

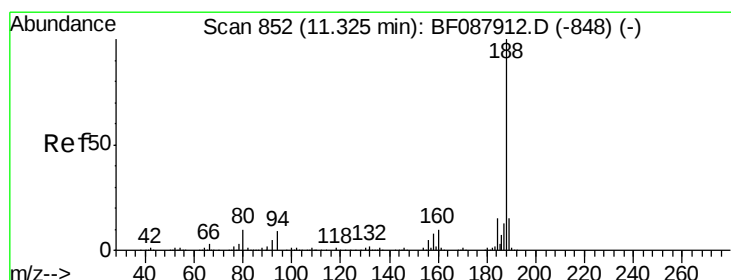
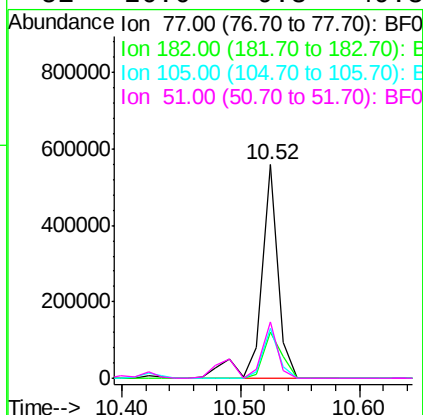
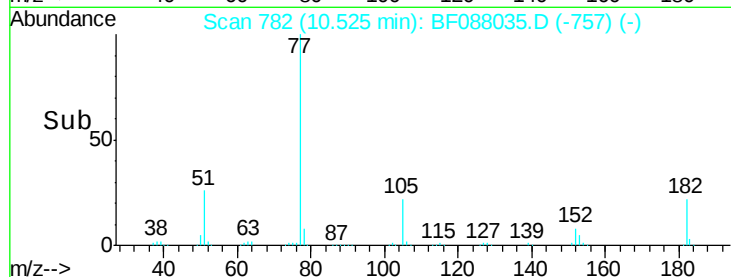
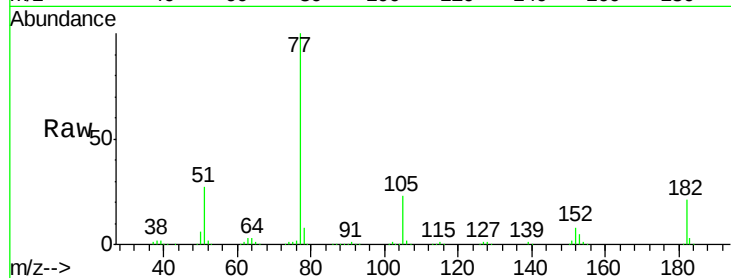
ClientSampleId :

HSR-WC-50-060616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.4	4.4	44.4		
105	23.4	3.8	43.8		
51	26.6	9.3	49.3		

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#63

Phenanthrene-d10

Concen: 20.00 ng

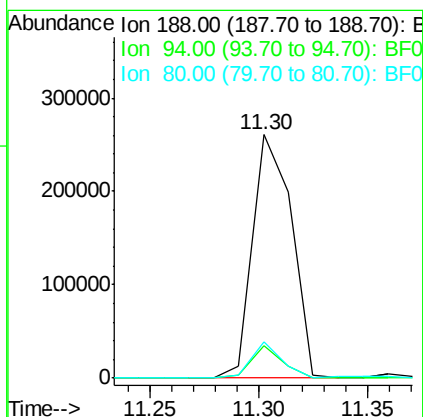
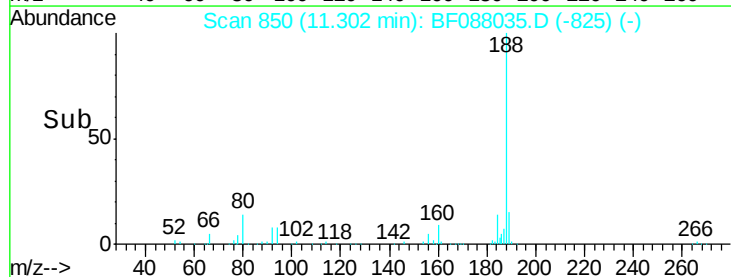
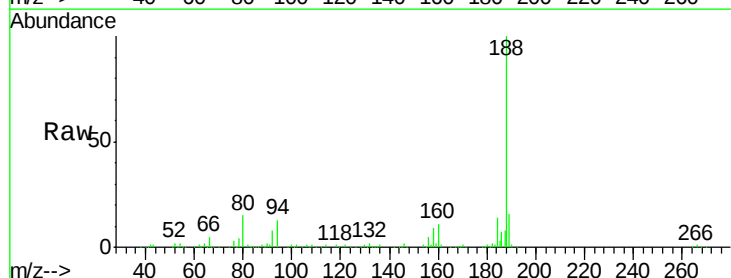
RT: 11.30 min Scan# 850

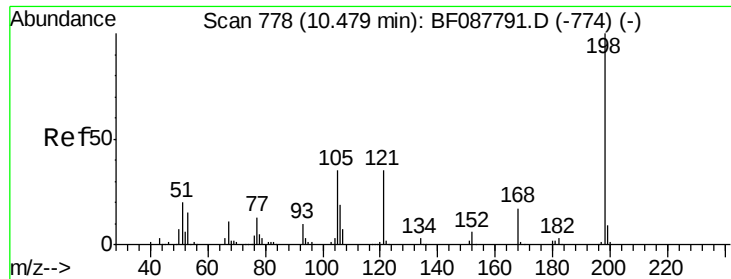
Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	13.3	9.0	13.6		
80	14.6	10.0	15.0		





#64

4,6-Dinitro-2-methylphenol

Concen: 17.42 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

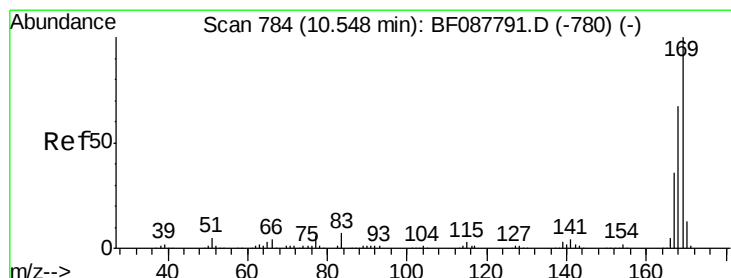
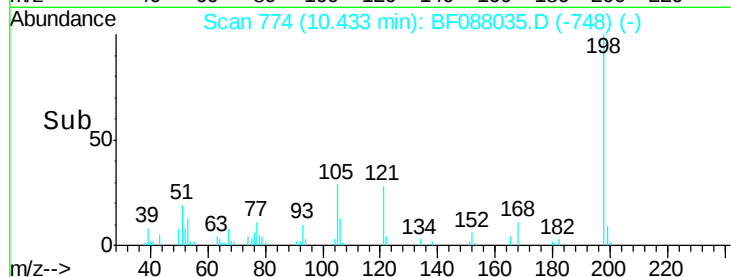
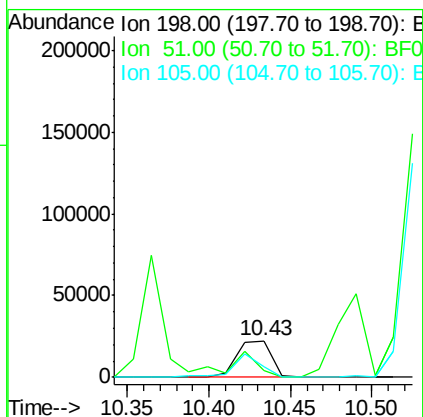
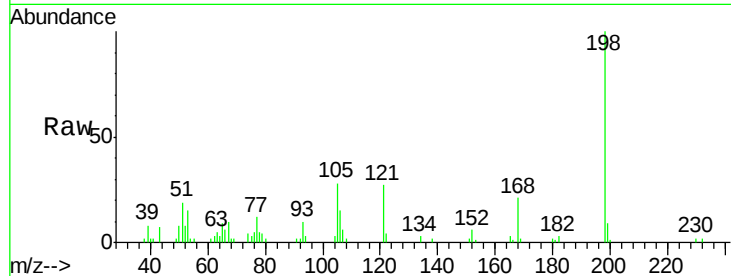
ClientSampleId :

HSR-WC-50-060616MSD

Tot Ion:	198	Resp:	32580
Ion Ratio	Lower	Upper	
198	100		
51	18.9	39.6	79.6#
105	28.2	36.6	76.6#

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#65

n-Nitrosodiphenylamine

Concen: 47.09 ng

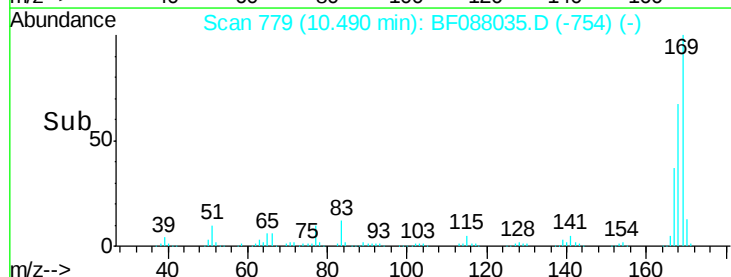
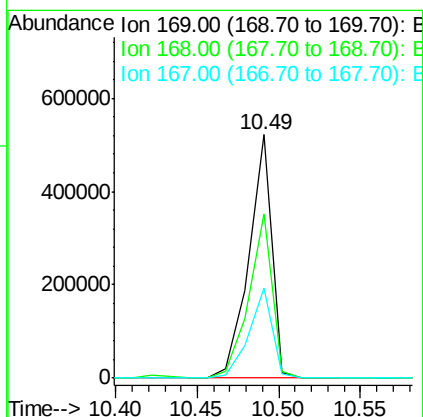
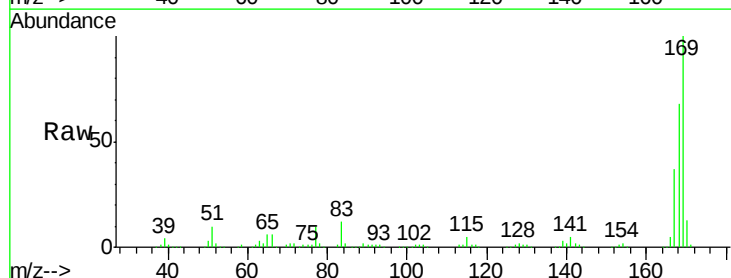
RT: 10.49 min Scan# 779

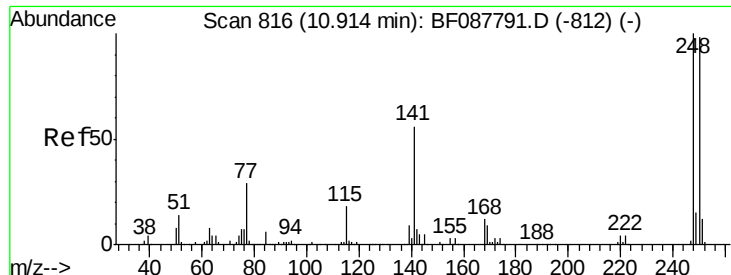
Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	169	Resp:	510543
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.4	80.0
167	37.2	29.4	44.0





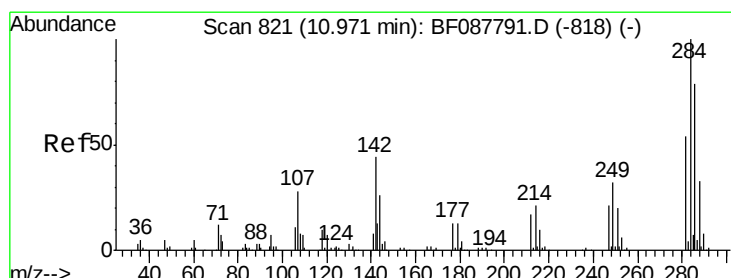
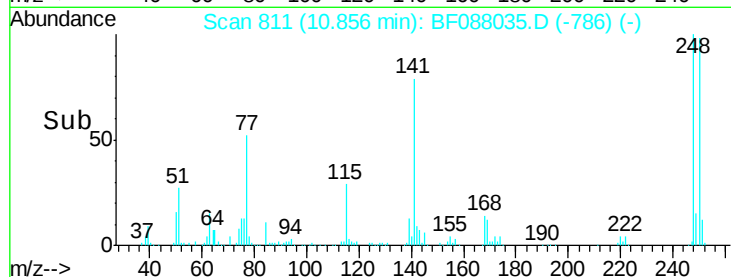
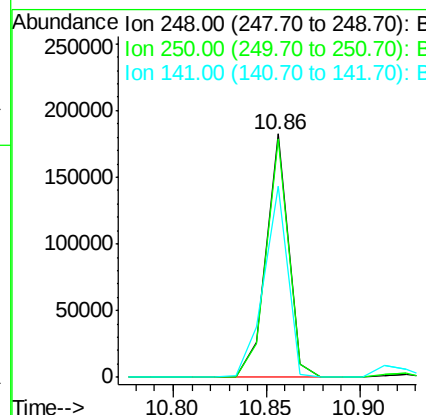
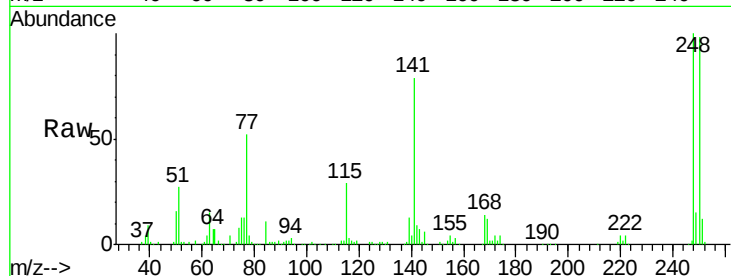
#66
4-Bromophenyl-phenylether
Concen: 42.93 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.1	115.7
141	78.6	50.6	76.0

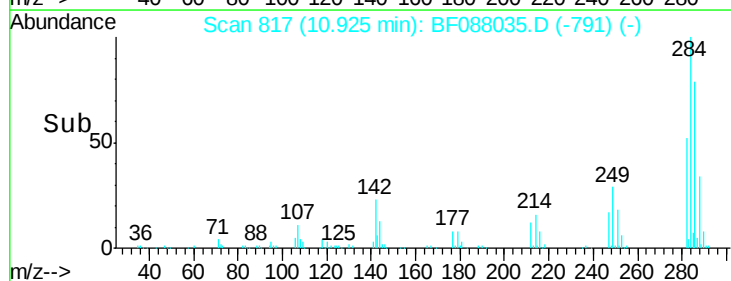
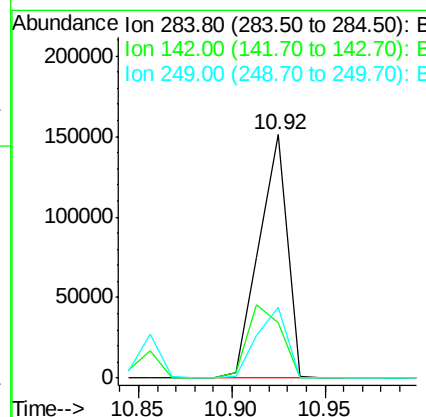
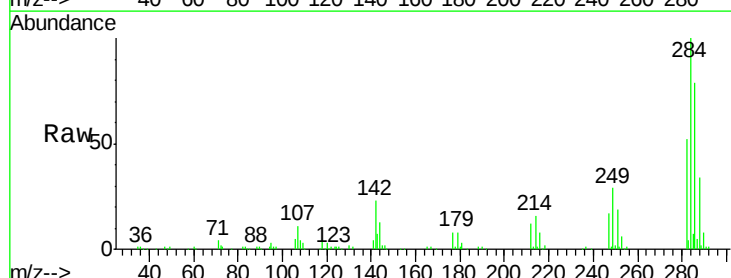
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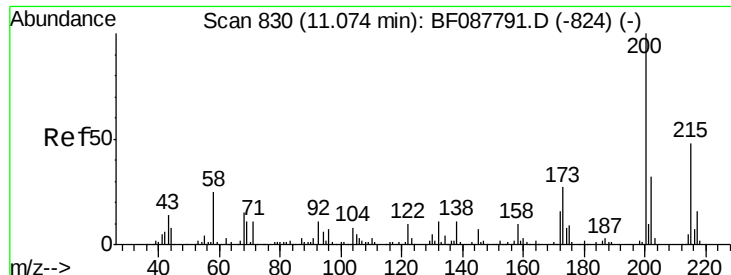
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#67
Hexachlorobenzene
Concen: 43.49 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.9	35.8	53.8
249	29.0	25.8	38.6





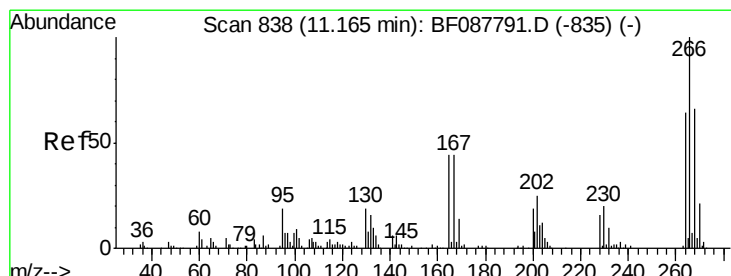
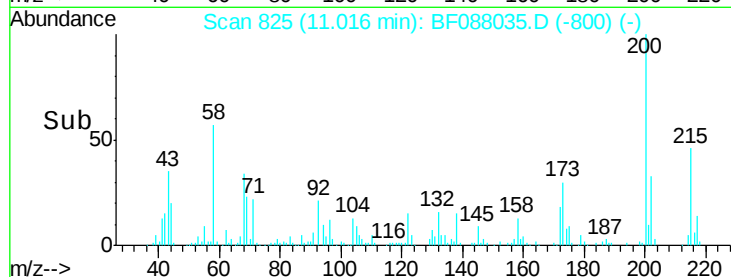
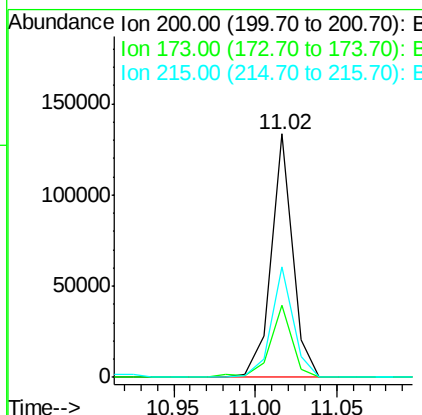
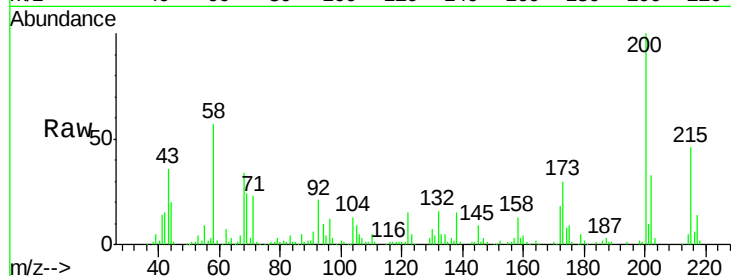
#68
Atrazine
Concen: 37.28 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.7	4.0	44.0
215	45.6	29.3	69.3

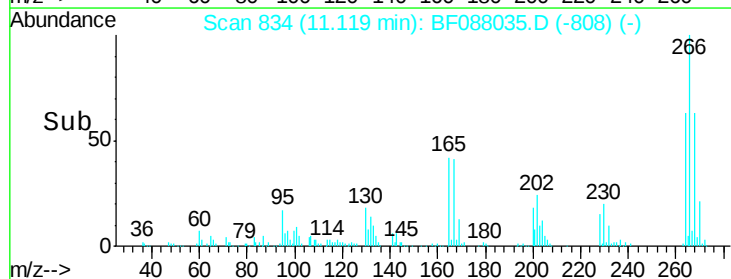
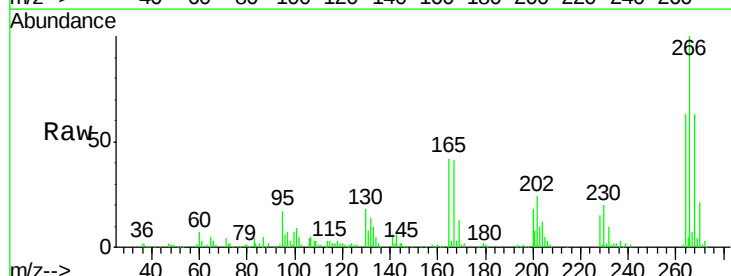
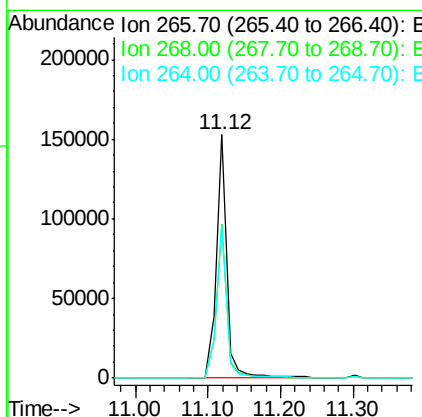
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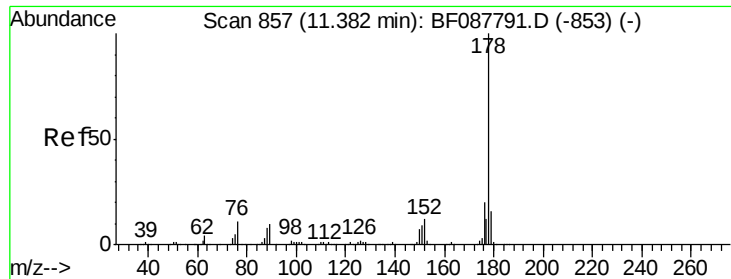
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#69
Pentachlorophenol
Concen: 80.96 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.1	52.8	79.2
264	62.6	49.6	74.4





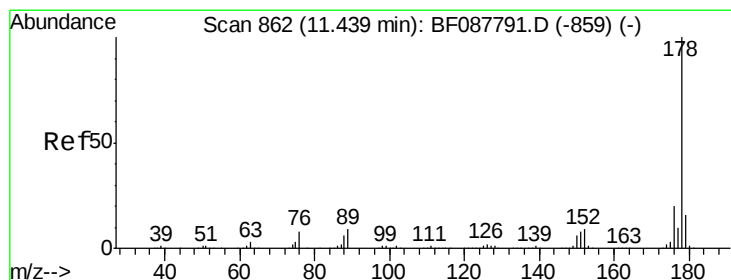
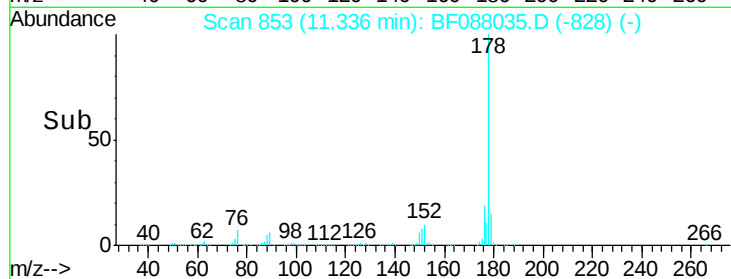
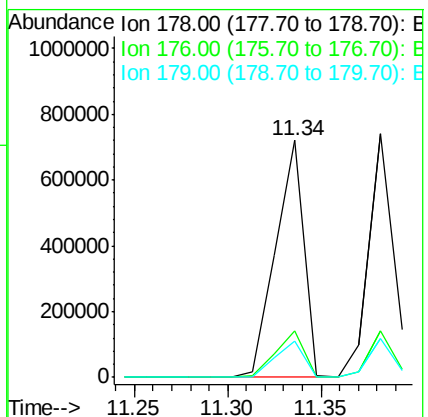
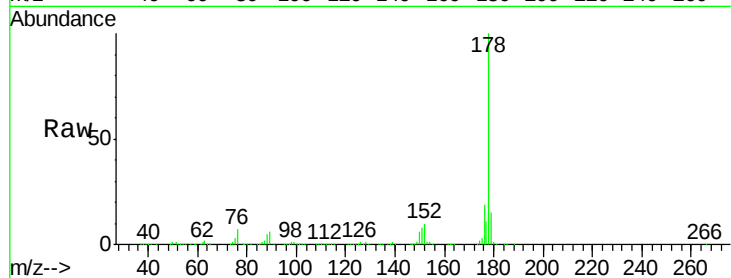
#70
Phenanthrene
Concen: 44.72 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.4	13.0	19.4

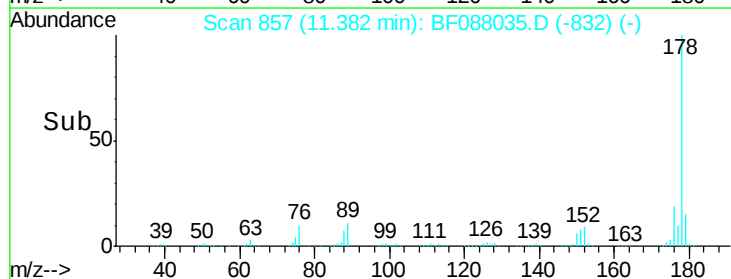
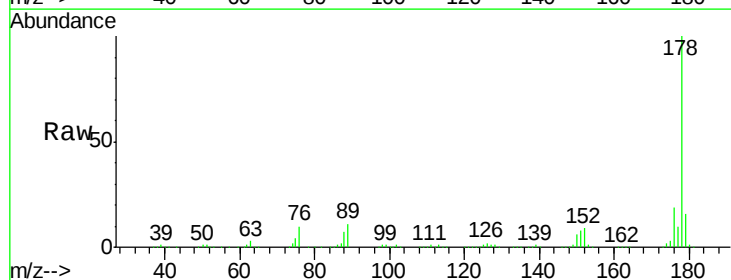
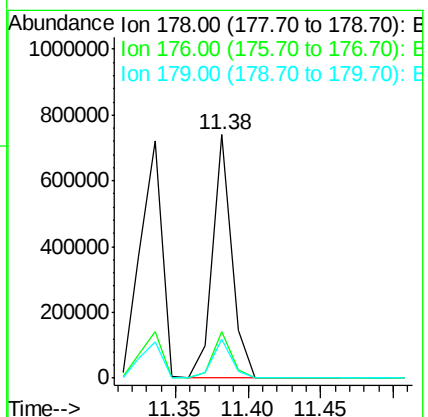
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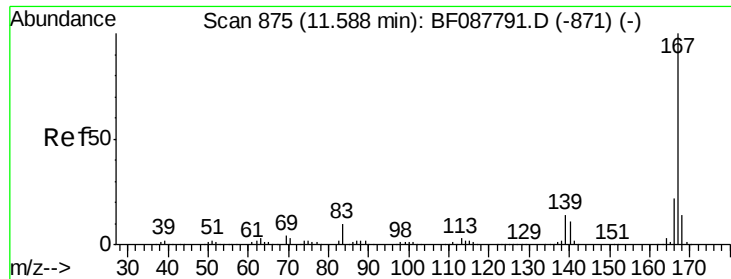
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#71
Anthracene
Concen: 39.17 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.0	12.8	19.2





#72

Carbazole

Concen: 45.20 ng

RT: 11.54 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

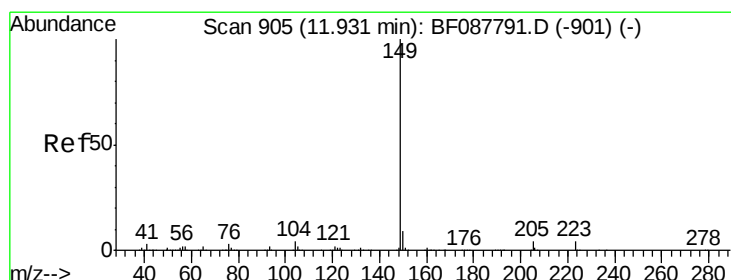
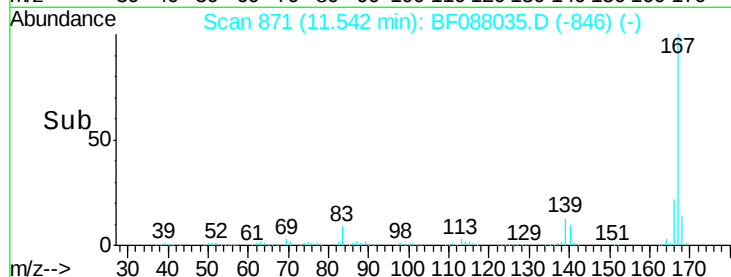
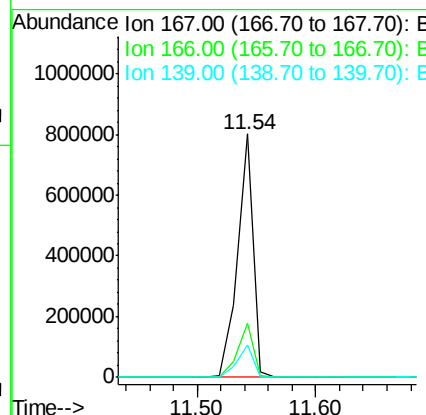
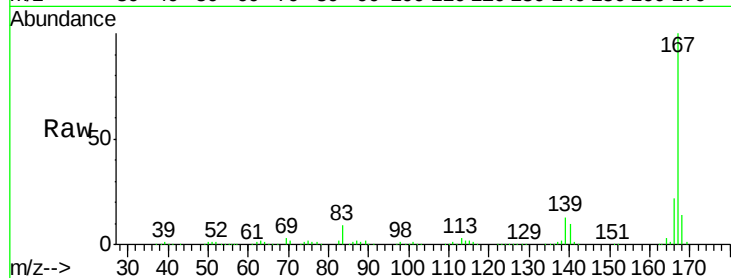
ClientSampleId :

HSR-WC-50-060616MSD

Tot Ion:	167	Resp:	731488
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.8	26.6
139	13.4	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 40.92 ng

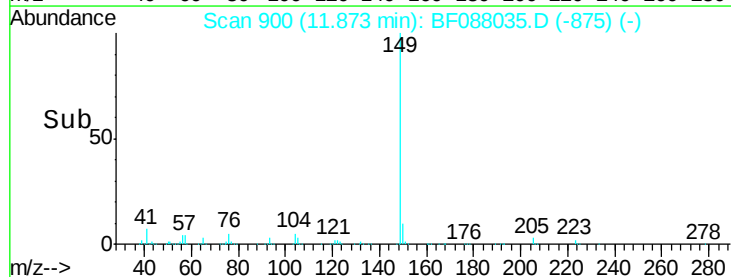
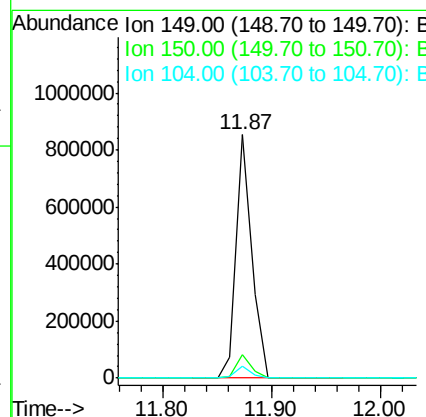
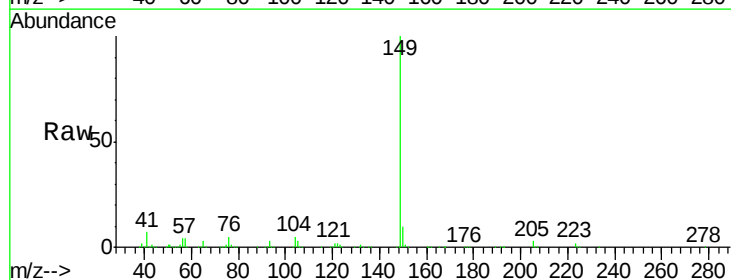
RT: 11.87 min Scan# 900

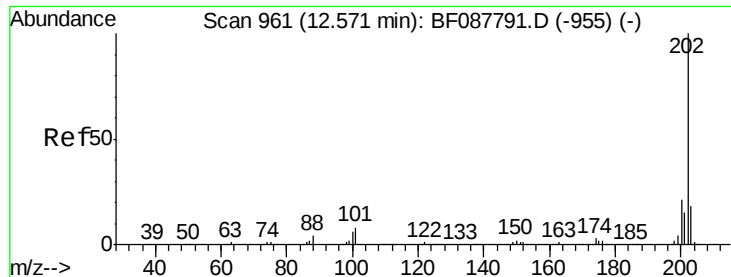
Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	149	Resp:	838389
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.0	4.0	6.0





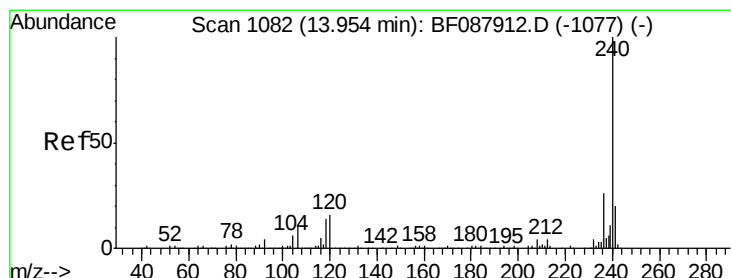
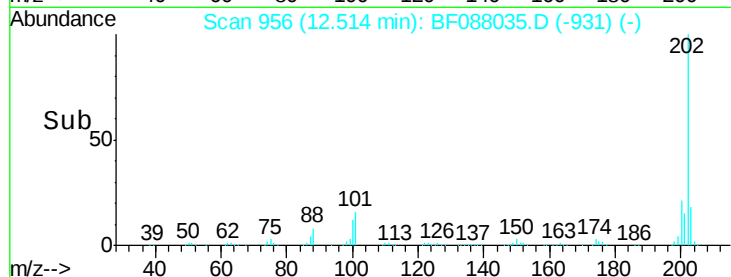
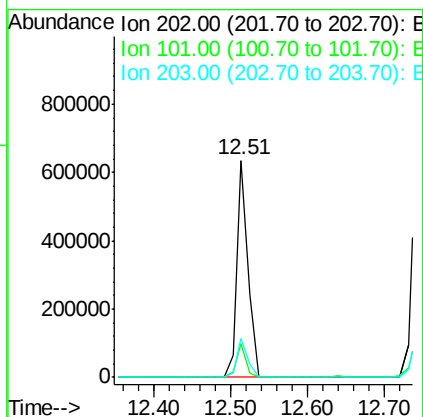
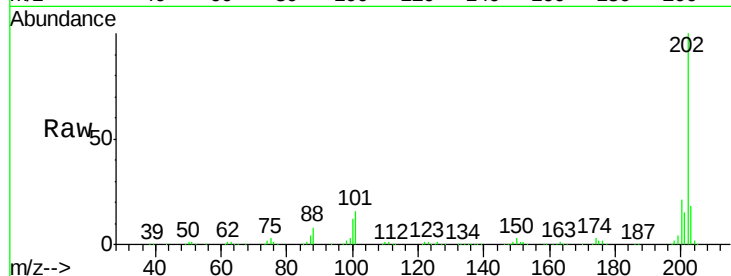
#74
 Fluoranthene
 Concen: 36.01 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.8	0.0	33.1
203	18.1	0.0	38.1

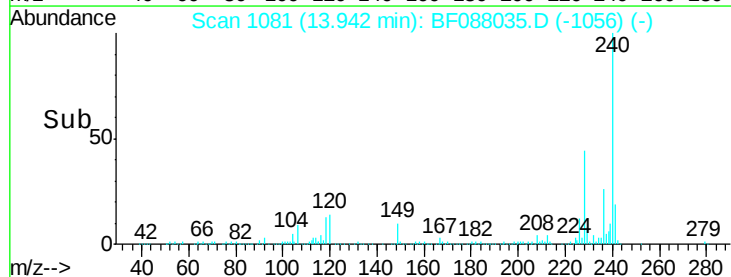
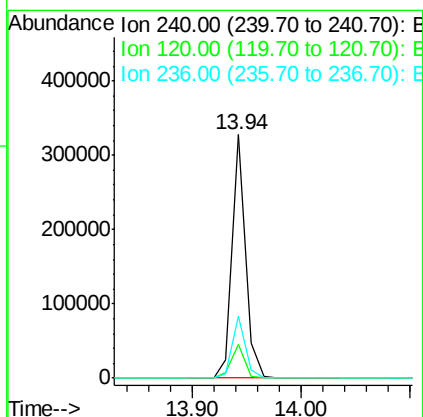
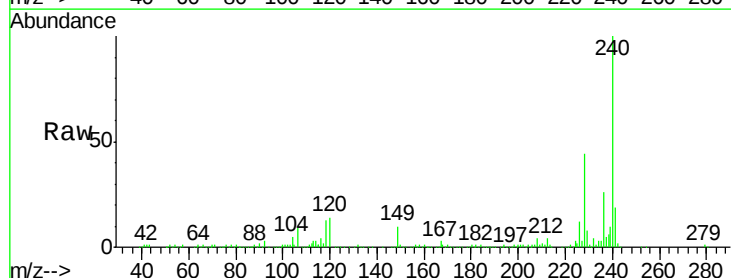
Manual Integrations
 APPROVED

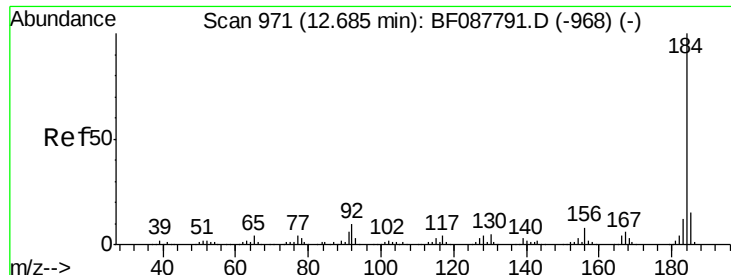
sohil
 6/15/2016 6:40:52 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.0	6.8	10.2#
236	25.5	20.2	30.2





#76

Benzidine

Concen: 52.60 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

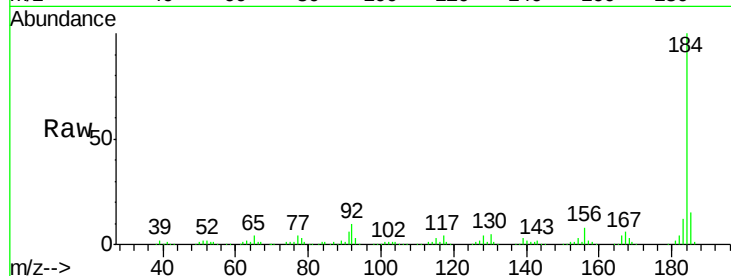
ClientSampleId :

HSR-WC-50-060616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	14.6	12.5	18.7		
183	11.7	9.3	13.9		

Manual Integrations
APPROVED

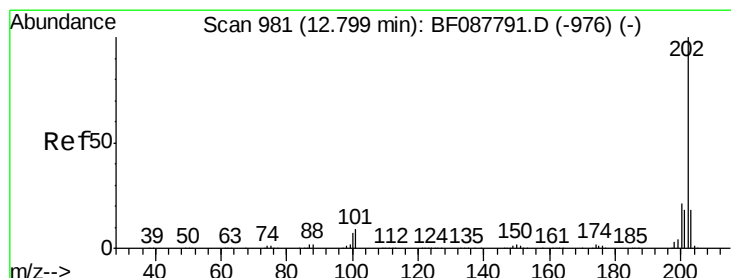
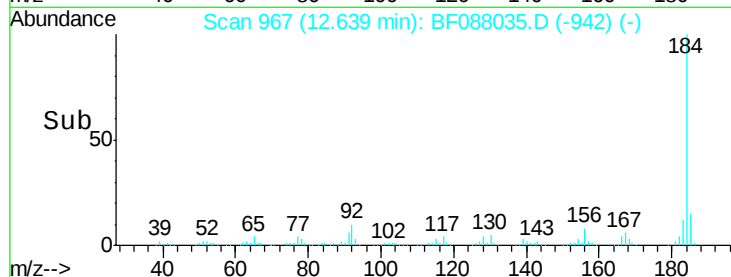
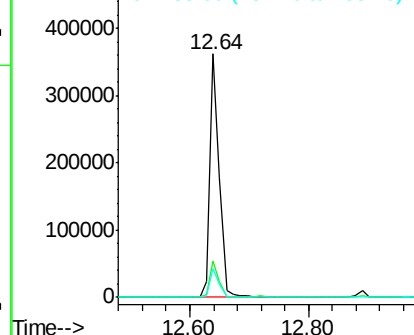
sohil
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 32.77 ng

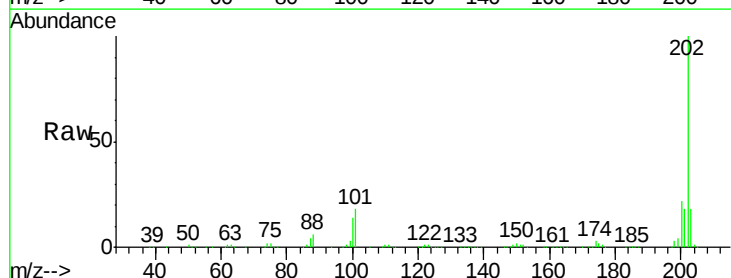
RT: 12.74 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

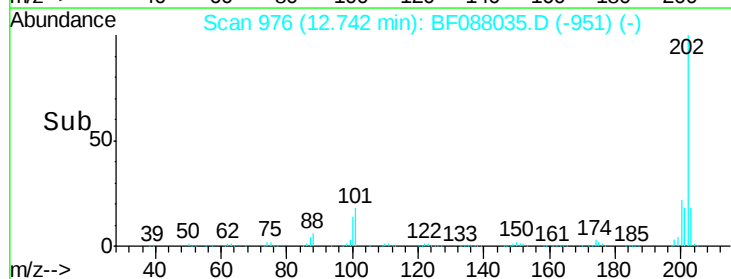
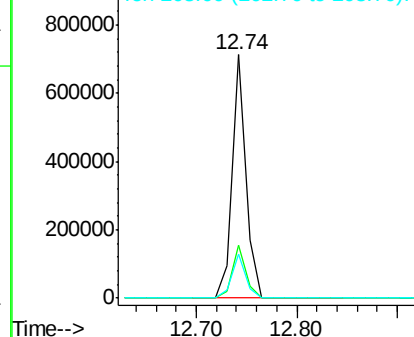
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	21.8	17.4	26.2		
203	18.2	14.5	21.7		

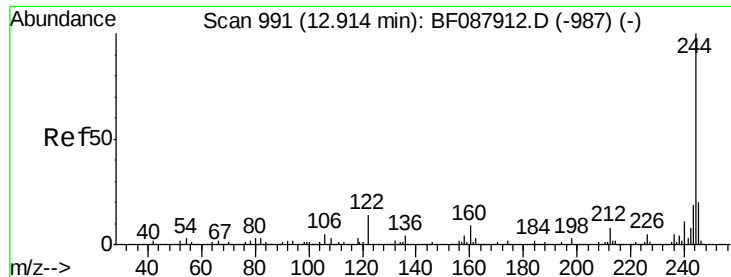


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





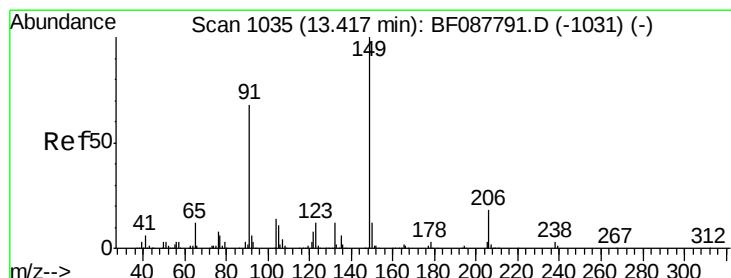
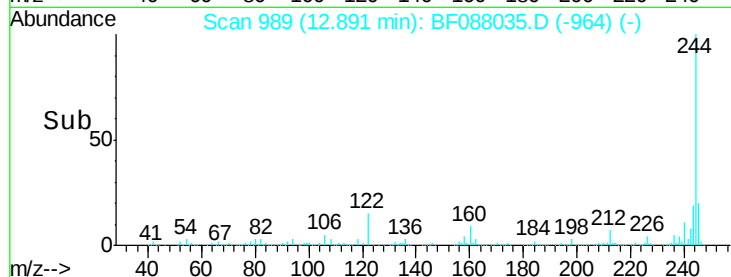
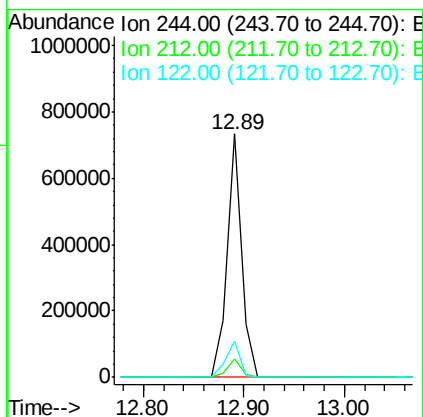
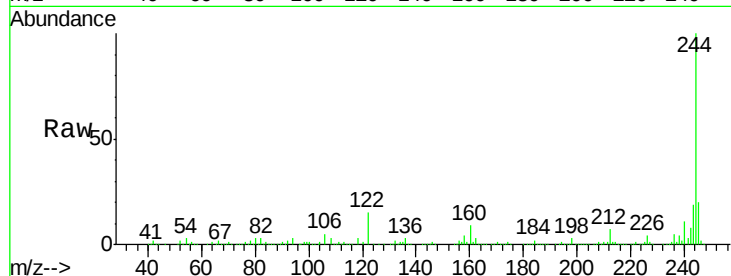
#78
 Terphenyl-d14
 Concen: 60.13 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.7	11.2	16.8

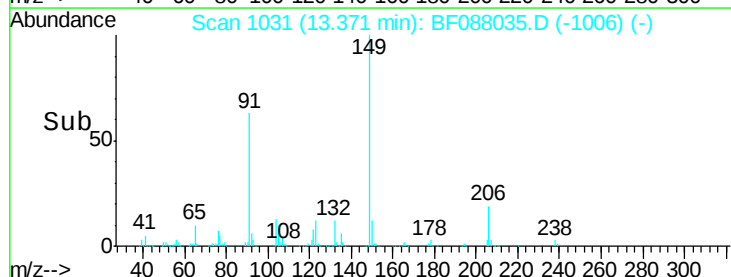
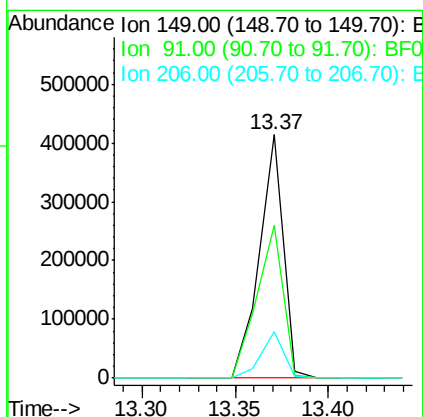
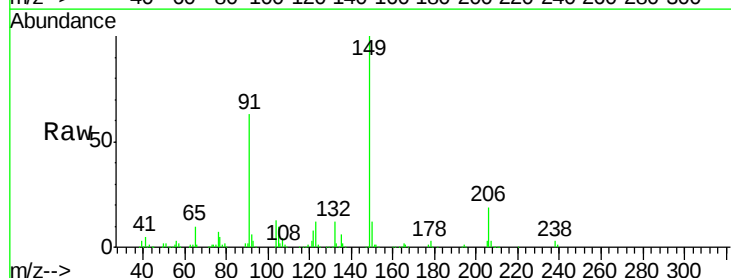
Manual Integrations
 APPROVED

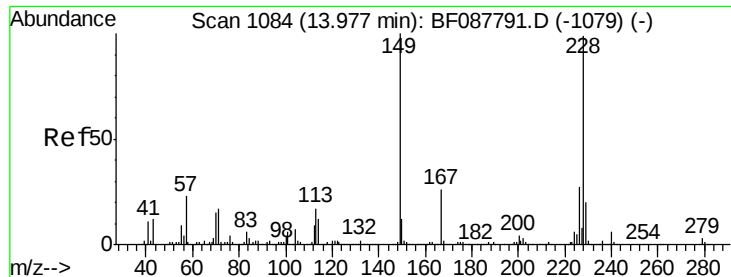
sohil
 6/15/2016 6:40:52 PM



#79
 Butylbenzylphthalate
 Concen: 41.00 ng
 RT: 13.37 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.5	48.0	72.0
206	18.9	16.0	24.0





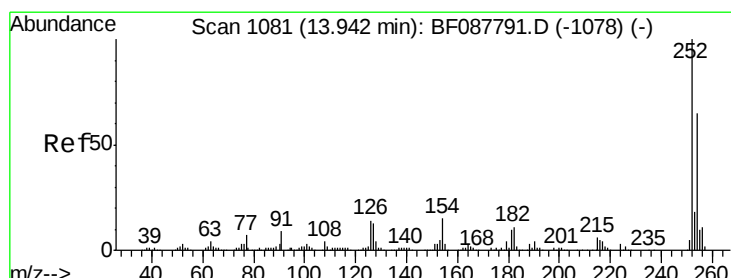
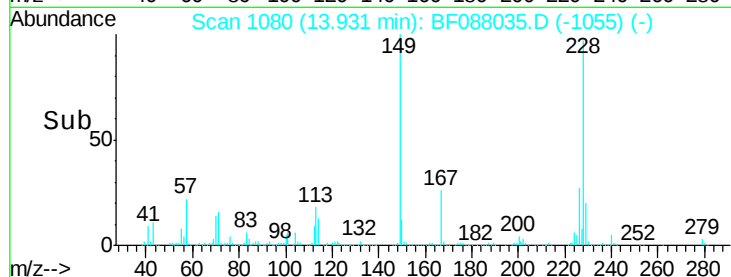
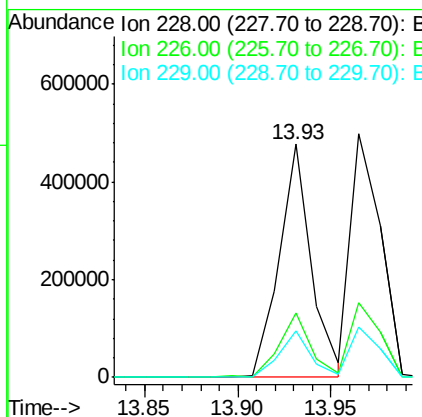
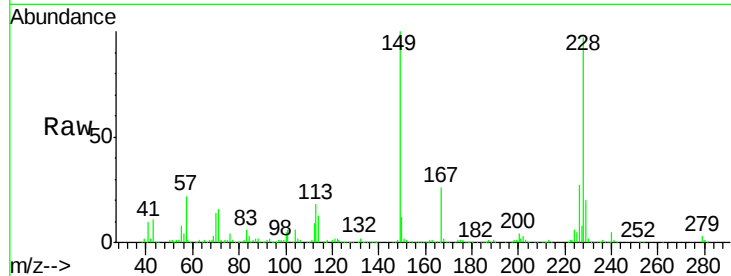
#80
Benzo(a)anthracene
Concen: 36.01 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.1	16.0	24.0

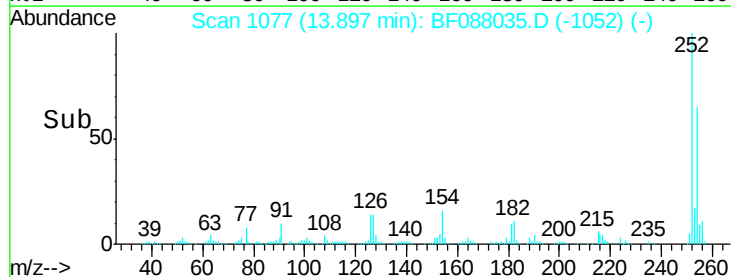
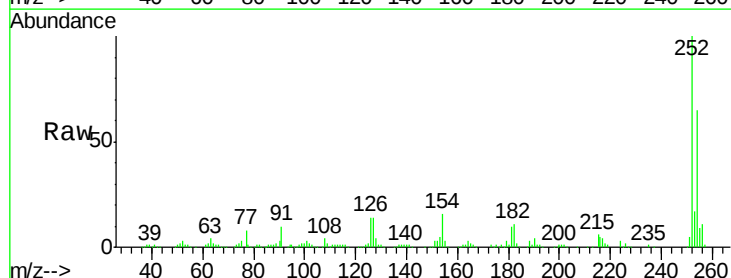
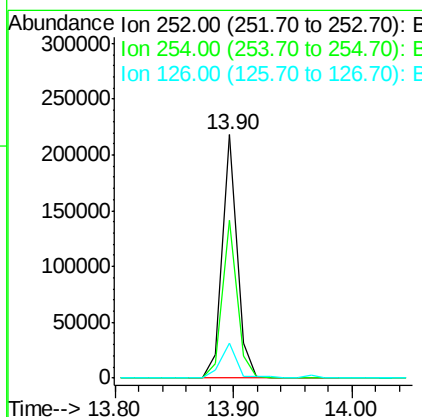
Manual Integrations
APPROVED

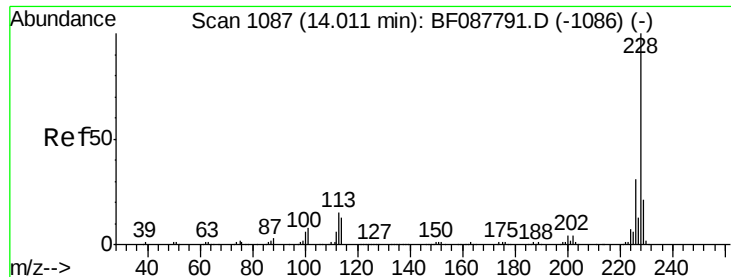
sohil
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#81
3,3'-Dichlorobenzidine
Concen: 44.08 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	14.4	6.2	9.2





#82

Chrysene

Concen: 38.10 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

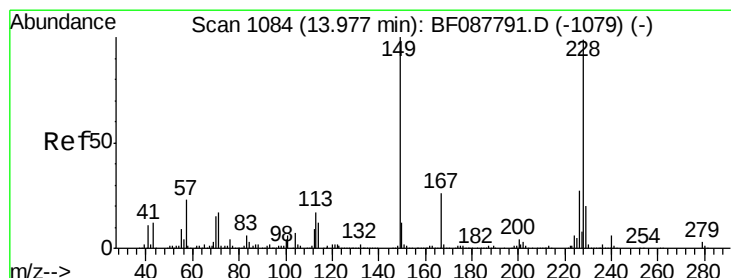
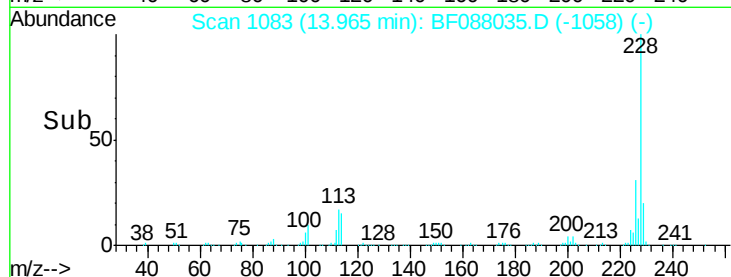
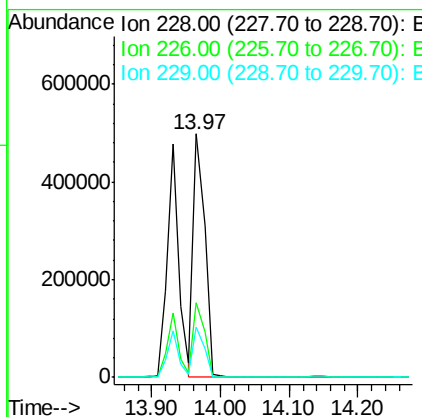
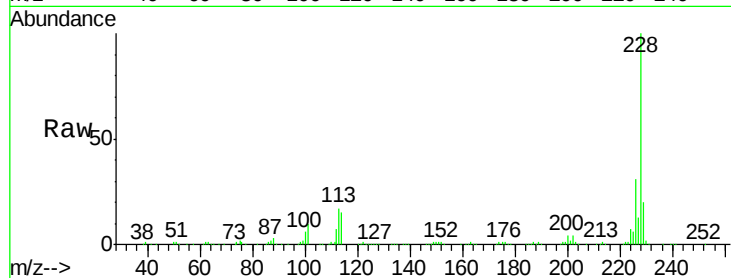
ClientSampleId :

HSR-WC-50-060616MSD

Tot Ion:	228	Resp:	567995
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.4	38.2
229	20.5	16.3	24.5

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 39.63 ng

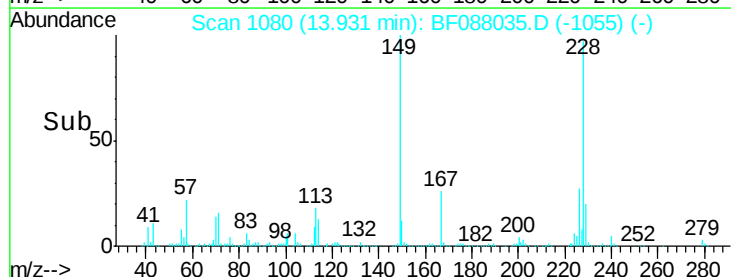
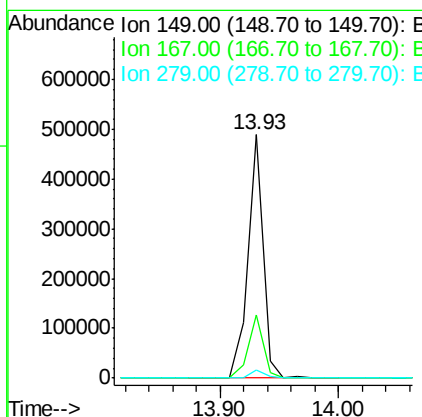
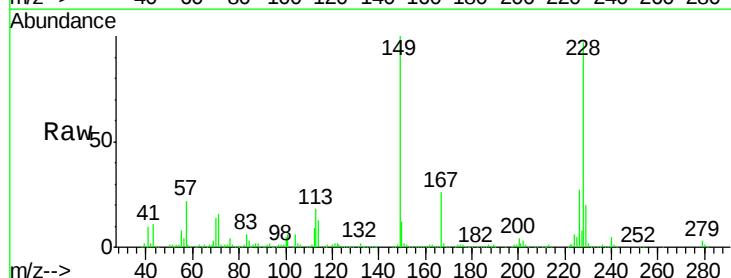
RT: 13.93 min Scan# 1080

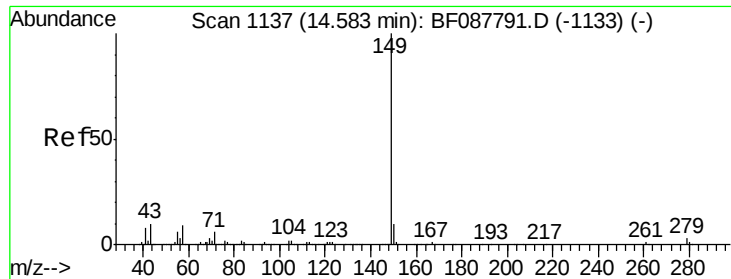
Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	149	Resp:	440149
Ion Ratio	Lower	Upper	
149	100		
167	26.2	20.5	30.7
279	3.1	2.0	3.0#





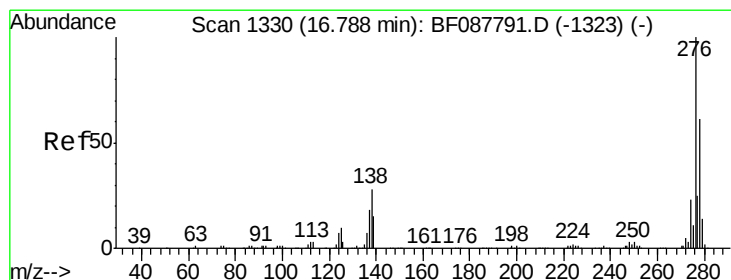
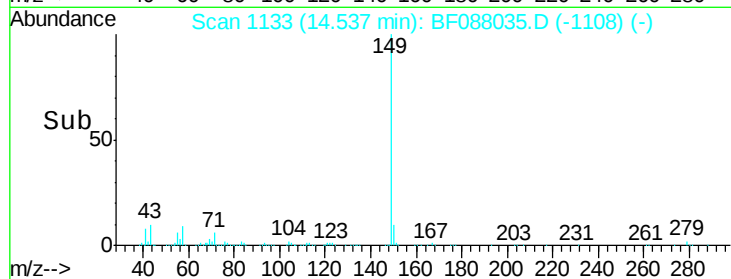
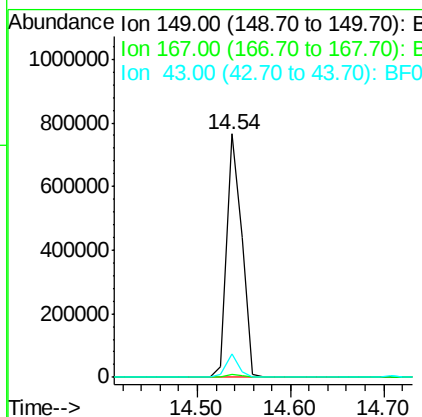
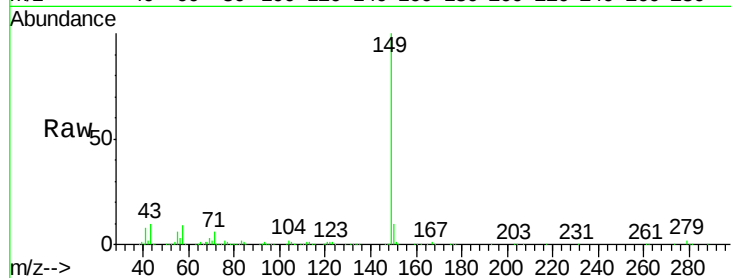
#84
Di-n-octyl phthalate
Concen: 47.56 ng
RT: 14.54 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	0.0	0.0#
43	8.1	0.0	0.0#

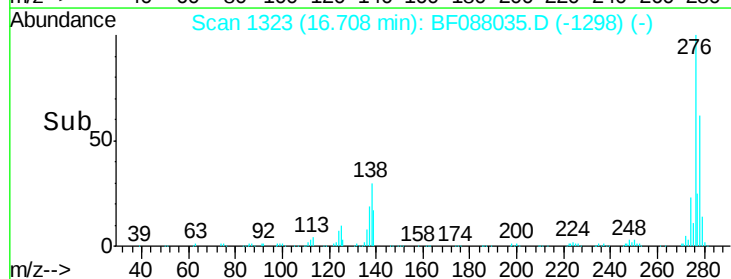
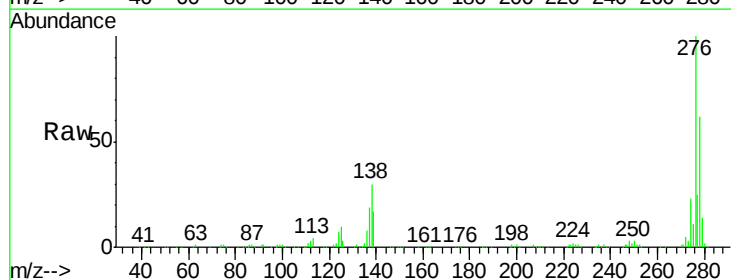
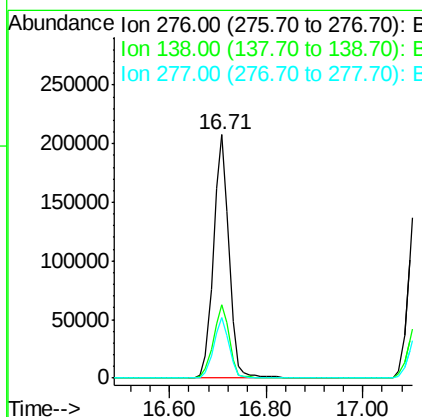
Manual Integrations
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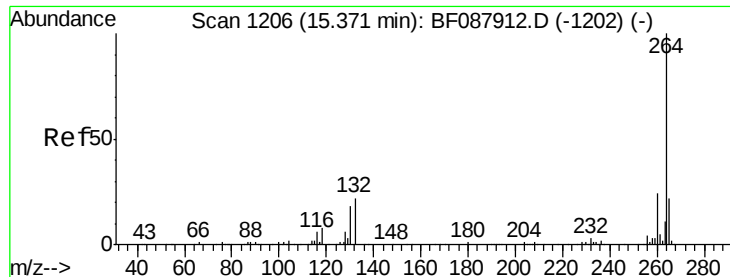
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#85
Indeno(1,2,3-cd)pyrene
Concen: 34.10 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	31.0	0.0	0.0#
277	24.8	0.0	0.0#





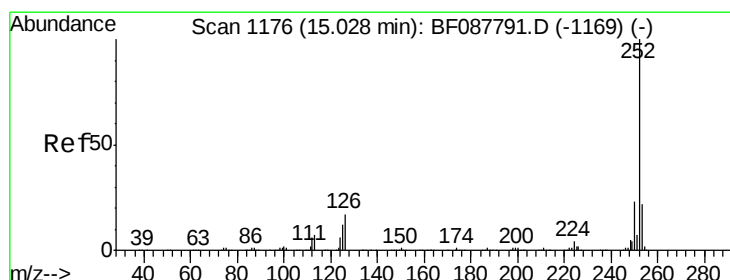
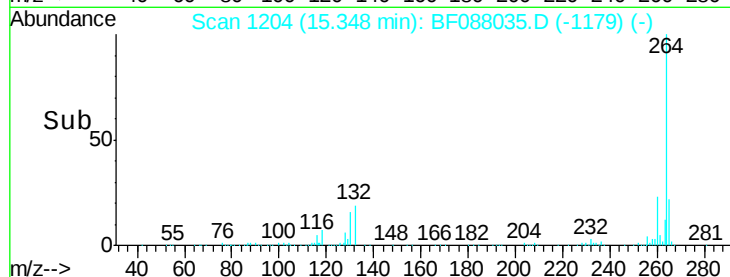
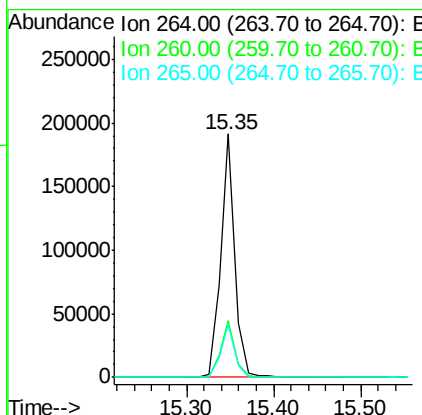
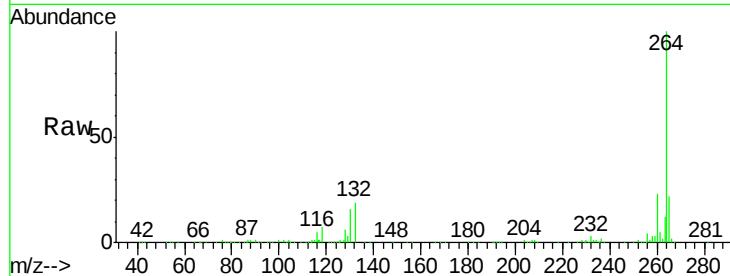
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	16.9	25.3

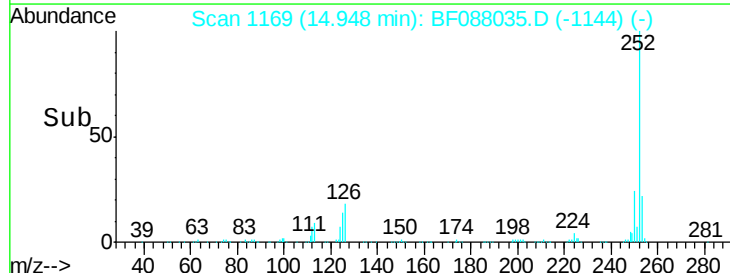
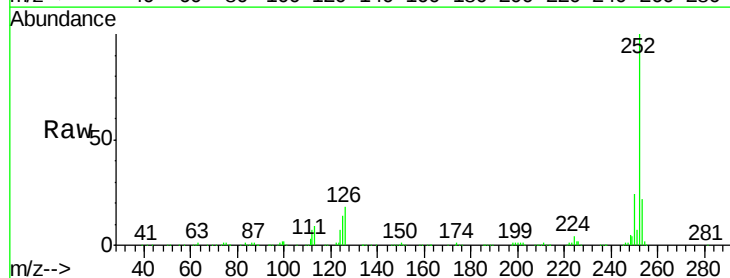
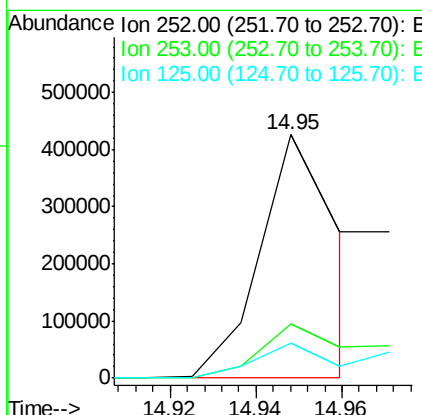
Manual Integrations
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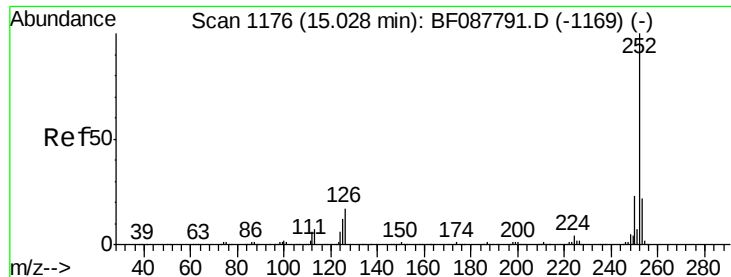
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#87
Benzo(b)fluoranthene
Concen: 35.33 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	14.4	7.1	10.7#





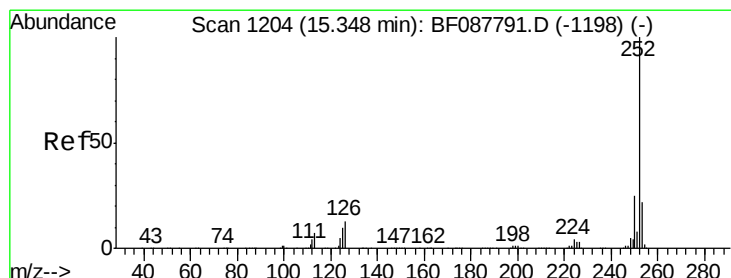
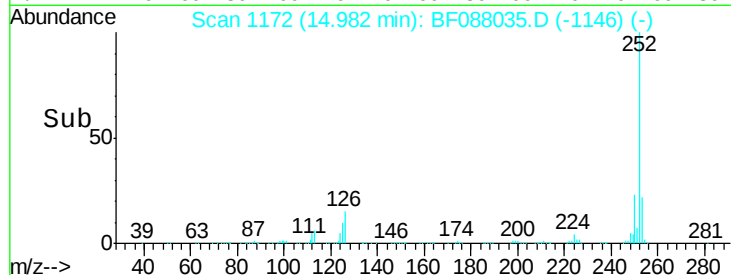
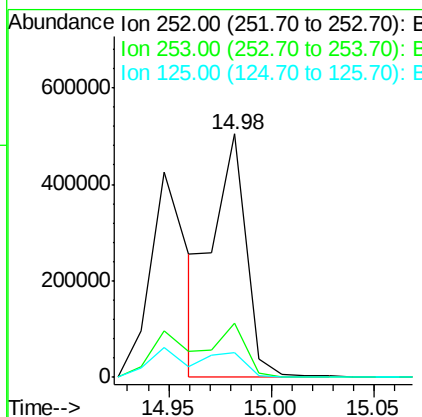
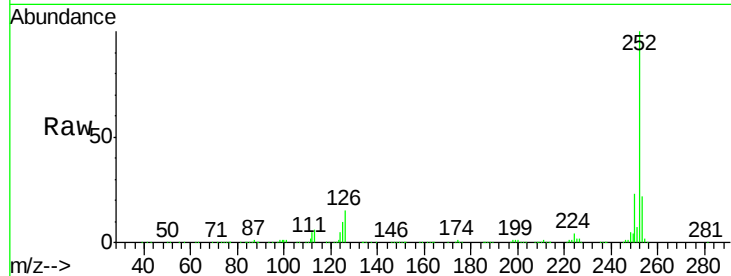
#88
Benzo(k)fluoranthene
Concen: 48.92 ng m
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.3	11.2	16.8

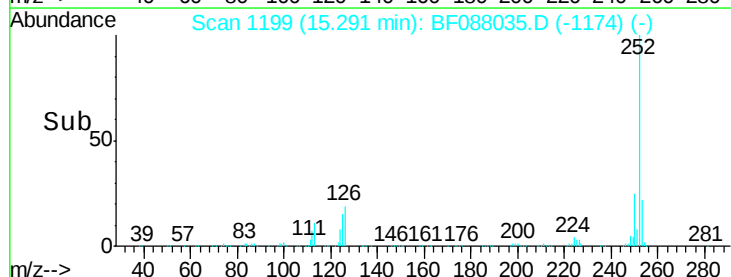
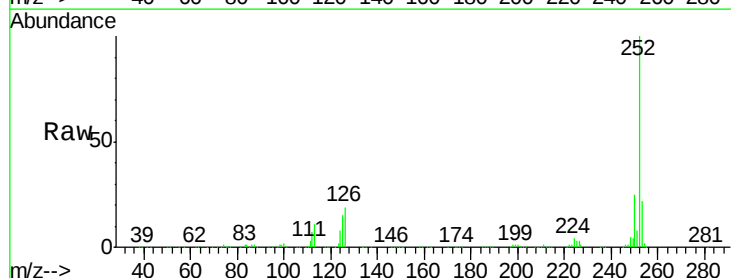
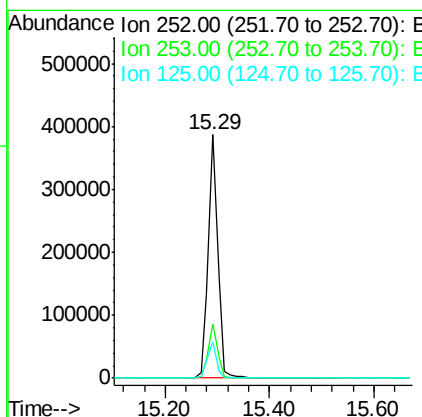
Manual Integrations
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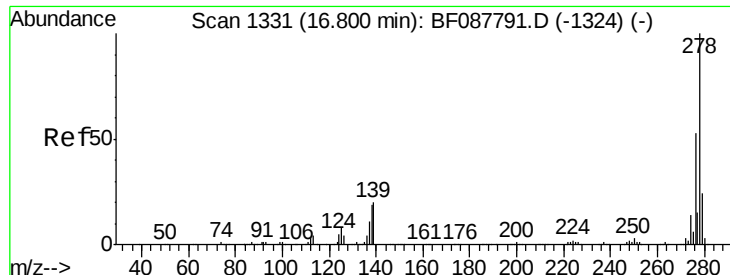
sohil
6/15/2016 6:40:52 PM



#89
Benzo(a)pyrene
Concen: 40.25 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.9	12.5	18.7





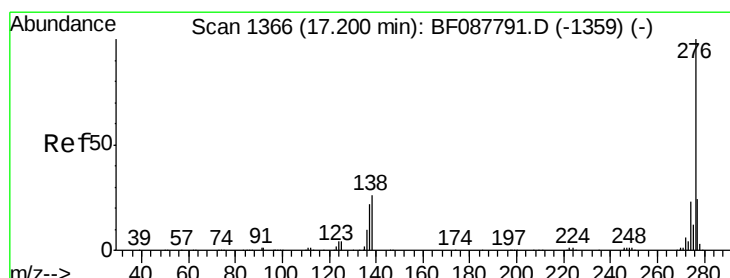
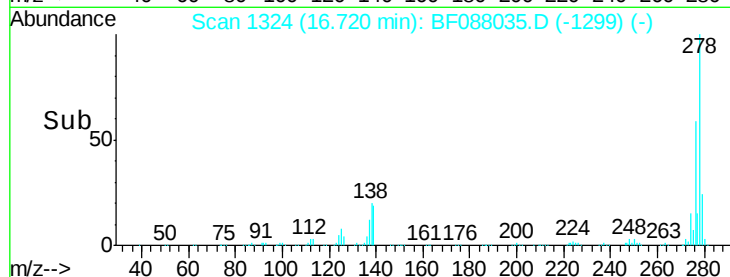
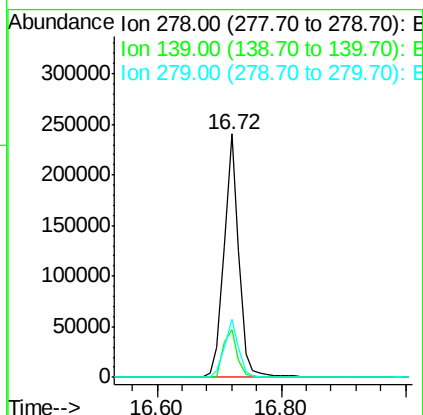
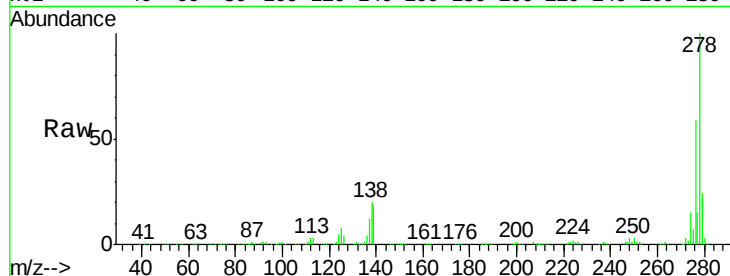
#90
Dibenzo(a,h)anthracene
Concen: 34.77 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.7	23.5
279	23.7	19.4	29.2

Manual Integrations
APPROVED

sohil
6/15/2016 6:40:52 PM



#91
Benzo(g,h,i)perylene
Concen: 33.58 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.5	21.4	32.2

