

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087772.D
 Acq On : 7 Jun 2016 3:26
 Operator : UM/SJ
 Sample : H3372-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Manual Integrations
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 6/7/2016 7:23:01 PM

Quant Time: Jun 07 07:18:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107593	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	391633	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	160297	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	245768	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	162745	20.00	ng	-0.02
86) Perylene-d12	15.43	264	143154	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	828406	124.45	ng	0.02
7) Phenol-d6	6.49	99	921064	110.33	ng	0.00
23) Nitrobenzene-d5	7.42	82	637184	94.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	207847	129.17	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1121741	129.70	ng	-0.01
78) Terphenyl-d14	12.96	244	791005	118.60	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	103299	32.10	ng	# 87
3) Pyridine	3.31	79	189934	22.34	ng	98
4) n-Nitrosodimethylamine	3.24	42	138917	38.69	ng	94
6) Aniline	6.51	93	153622	12.98	ng	# 33
8) 2-Chlorophenol	6.64	128	320483	41.84	ng	96
10) Phenol	6.50	94	278428	29.29	ng	76
11) bis(2-Chloroethyl)ether	6.59	93	286319	41.45	ng	93
12) 1,3-Dichlorobenzene	6.80	146	356667m	43.49	ng	
13) 1,4-Dichlorobenzene	6.87	146	352505	42.83	ng	97
14) 1,2-Dichlorobenzene	7.03	146	335972	43.55	ng	97
15) Benzyl Alcohol	7.00	79	258771	41.96	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	425178	42.21	ng	92
17) 2-Methylphenol	7.12	107	261738	42.56	ng	96
18) Hexachloroethane	7.37	117	103166	35.85	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	238129	45.67	ng	# 88
20) 3+4-Methylphenols	7.27	107	284062	37.70	ng	# 78
22) Acetophenone	7.27	105	403683	45.51	ng	# 89
24) Nitrobenzene	7.44	77	318084	46.95	ng	91
25) Isophorone	7.68	82	580490	47.10	ng	99
26) 2-Nitrophenol	7.76	139	144379	45.87	ng	# 73
27) 2,4-Dimethylphenol	7.79	122	274056	42.01	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	396571	50.73	ng	99
29) 2,4-Dichlorophenol	8.00	162	258210	48.19	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	374632	66.77	ng	99
31) Naphthalene	8.16	128	854678	44.88	ng	100
32) Benzoic acid	7.92	122	165853	42.14	ng	87
33) 4-Chloroaniline	8.20	127	76274	9.22	ng	98
34) Hexachlorobutadiene	8.28	225	146026	50.06	ng	99
35) Caprolactam	8.58	113	64315	36.54	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	242620	43.78	ng	97
37) 2-Methylnaphthalene	8.86	142	596168	47.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	226378	51.24	ng	# 1
40) Hexachlorocyclopentadiene	9.00	237	53052	20.42	ng	99
42) 2,4,6-Trichlorophenol	9.13	196	160132	48.00	ng	97

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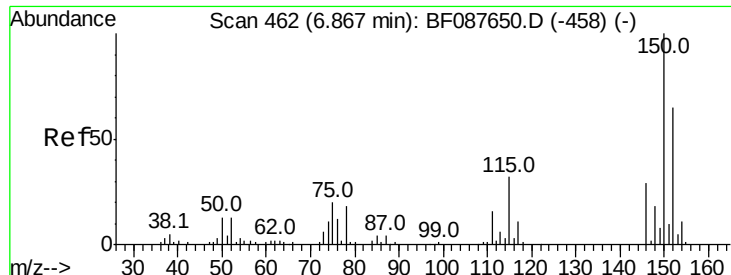
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	152360	49.07	nq	# 93
45) 1,1'-Biphenyl	9.31	154	614415	47.23	nq	99
46) 2-Chloronaphthalene	9.34	162	492790	47.59	nq	100
47) 2-Nitroaniline	9.44	65	161035	55.23	nq	# 67
48) Acenaphthylene	9.76	152	781918	48.42	nq	99
49) Dimethylphthalate	9.62	163	662251	56.83	nq	99
50) 2,6-Dinitrotoluene	9.68	165	124686	47.03	nq	# 85
51) Acenaphthene	9.93	154	466148	44.86	nq	100
52) 3-Nitroaniline	9.84	138	107421	35.42	nq	98
53) 2,4-Dinitrophenol	9.94	184	13901	14.87	nq	94
54) Dibenzofuran	10.10	168	688468	48.67	nq	100
55) 4-Nitrophenol	10.01	139	163348	63.02	nq	# 63
56) 2,4-Dinitrotoluene	10.08	165	149415	44.25	nq	92
57) Fluorene	10.44	166	481847	43.57	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	116255	43.46	nq	# 53
59) Diethylphthalate	10.32	149	600300	51.29	nq	100
60) 4-Chlorophenyl-phenylether	10.43	204	222992	61.89	nq	100
61) 4-Nitroaniline	10.46	138	134058	45.98	nq	99
62) Azobenzene	10.59	77	553051	46.95	nq	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	13168	11.25	nq	97
65) n-Nitrosodiphenylamine	10.55	169	412667	51.26	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	142016	58.27	nq	94
67) Hexachlorobenzene	10.98	284	136695	50.16	nq	99
68) Atrazine	11.07	200	75774	31.78	nq	90
69) Pentachlorophenol	11.18	266	127623	78.81	nq	99
70) Phenanthrene	11.39	178	602869	45.24	nq	100
71) Anthracene	11.45	178	689095	51.61	nq	99
72) Carbazole	11.60	167	558355	44.18	nq	100
73) Di-n-butylphthalate	11.94	149	846898	62.50	nq	98
74) Fluoranthene	12.58	202	655535	49.99	nq	98
76) Benzidine	12.70	184	102958	16.04	nq	99
77) Pyrene	12.81	202	676798	58.40	nq	99
79) Butylbenzylphthalate	13.43	149	293849	59.58	nq	# 77
80) Benzo(a)anthracene	13.99	228	517658	55.11	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	123085	46.45	nq	# 94
82) Chrysene	14.03	228	534945	57.22	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	401036	68.33	nq	# 95
84) Di-n-octyl phthalate	14.61	149	714256	65.46	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.81	276	416945	53.96	nq	# 100
87) Benzo(b)fluoranthene	15.02	252	557197m	59.83	nq	
88) Benzo(k)fluoranthene	15.05	252	312636m	40.35	nq	
89) Benzo(a)pyrene	15.37	252	411429	52.56	nq	# 95
90) Dibenzo(a,h)anthracene	16.83	278	352994	52.99	nq	99
91) Benzo(g,h,i)perylene	17.23	276	332798	49.51	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

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BNA_F

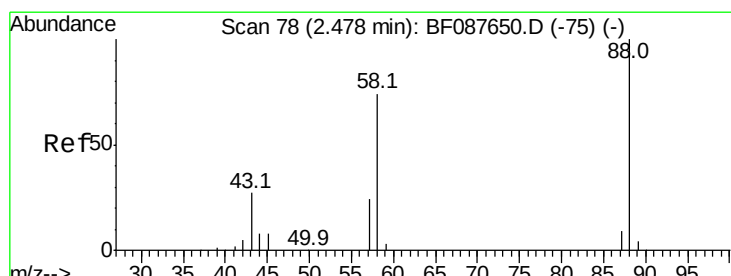
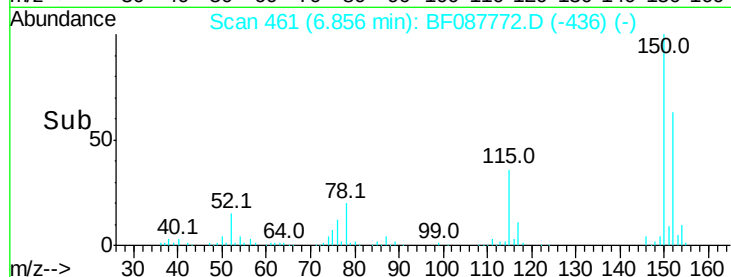
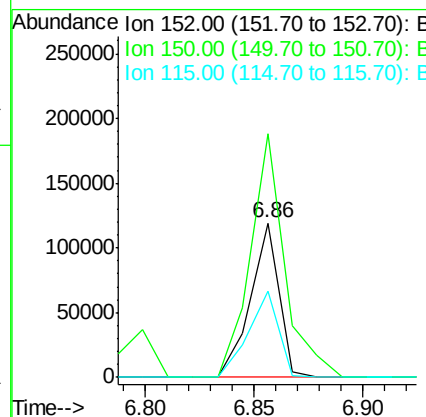
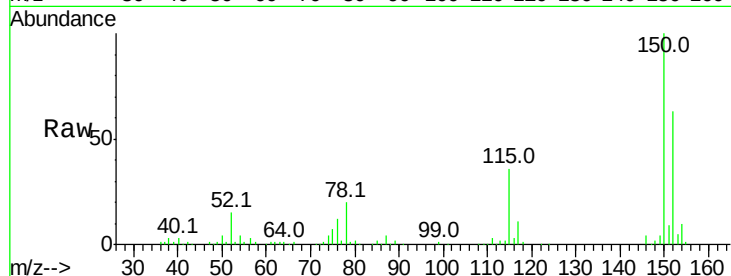
ClientSampleId :

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Tot Ion	152	Resp	107593
Ion Ratio	Lower	Upper	
152	100		
150	157.5	123.8	185.6
115	56.0	39.6	59.4



#2

1,4-Dioxane

Concen: 32.10 ng

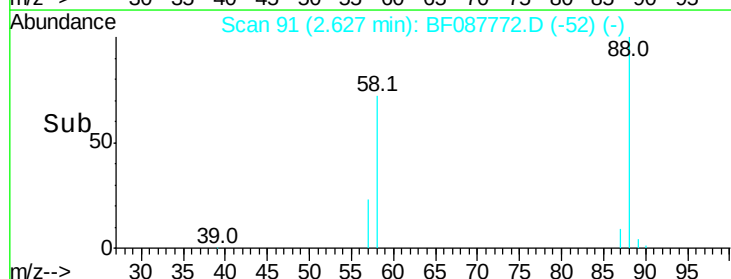
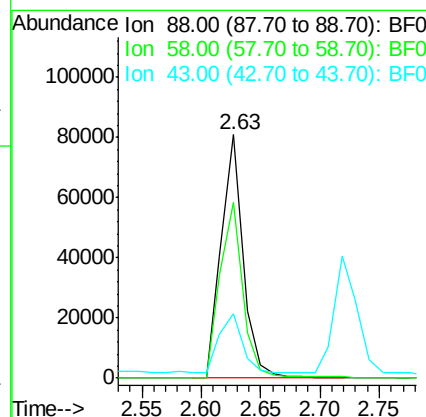
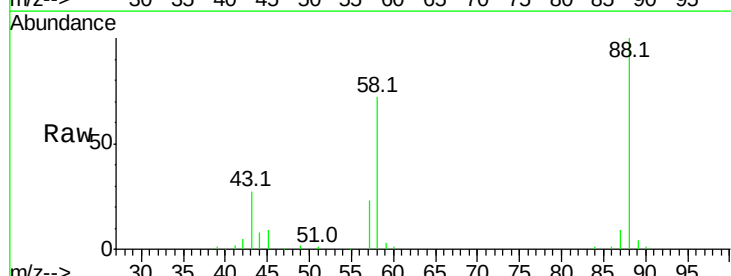
RT: 2.63 min Scan# 91

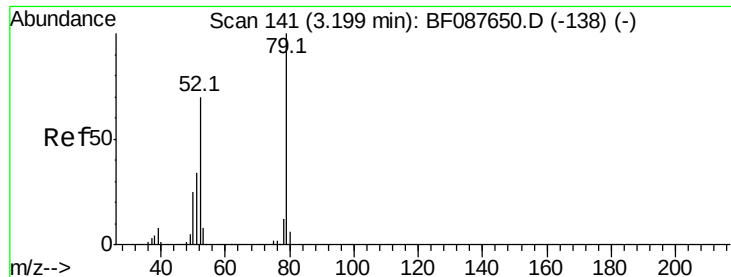
Delta R.T. 0.15 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion	88	Resp	103299
Ion Ratio	Lower	Upper	
88	100		
58	76.6	0.0	0.0#
43	0.0	3.4	5.2#





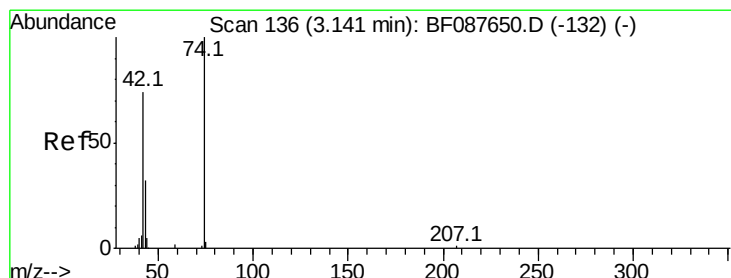
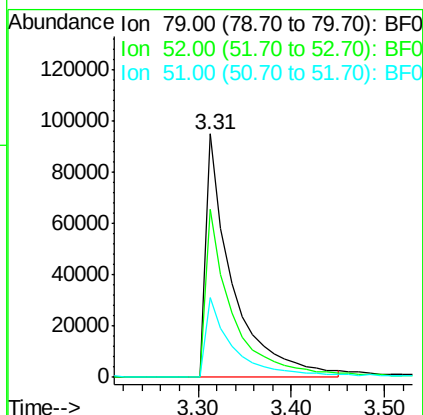
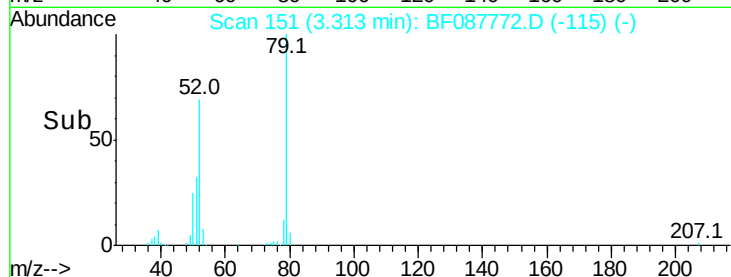
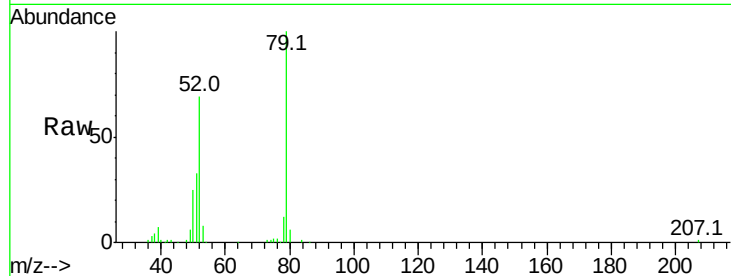
#3
Pvridine
Concen: 22.34 ng
RT: 3.31 min Scan# 151
Delta R.T. 0.11 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.9	56.3	84.5
51	32.8	27.4	41.2

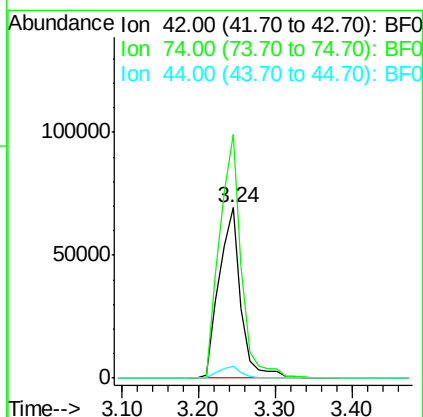
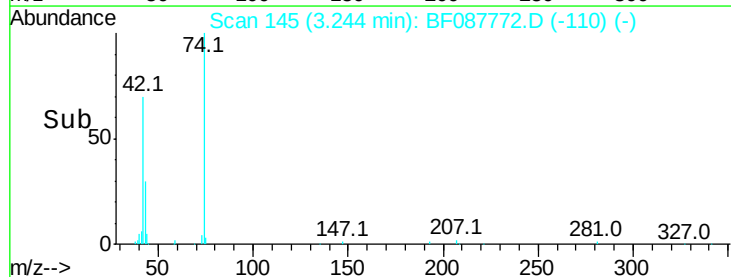
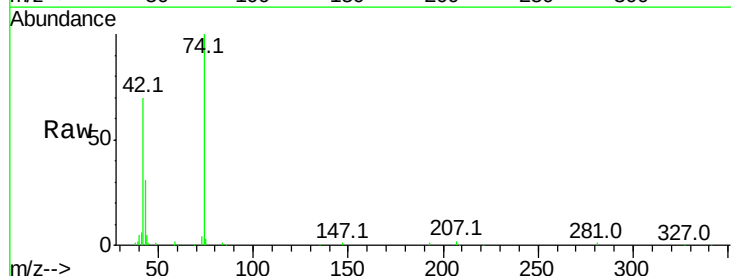
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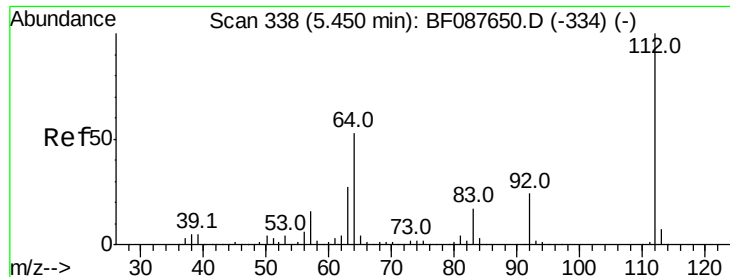
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#4
n-Nitrosodimethylamine
Concen: 38.69 ng
RT: 3.24 min Scan# 145
Delta R.T. 0.10 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.0	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 124.45 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

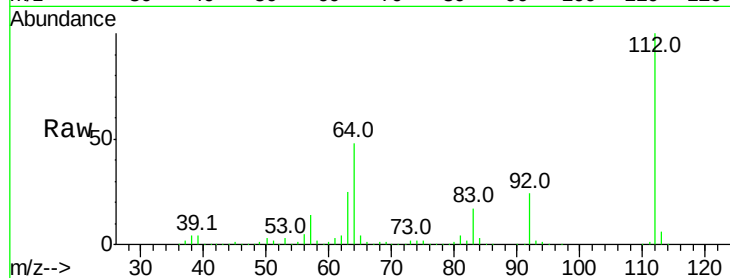
ClientSampleId :

HSR-WC-49-060116MSD

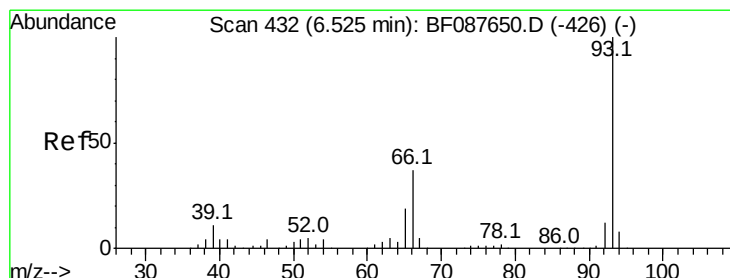
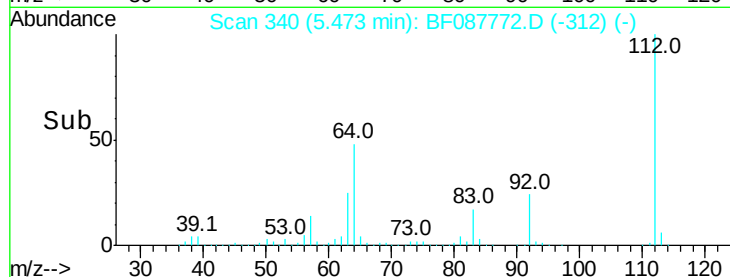
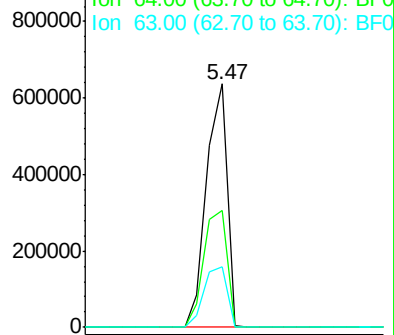
Tot Ion	Ratio	Resp	Lower	Upper
112	100	828406		
64	47.9		42.2	63.2
63	24.8		21.8	32.8

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 12.98 ng

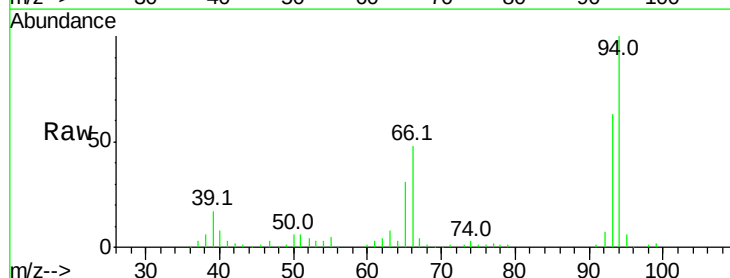
RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

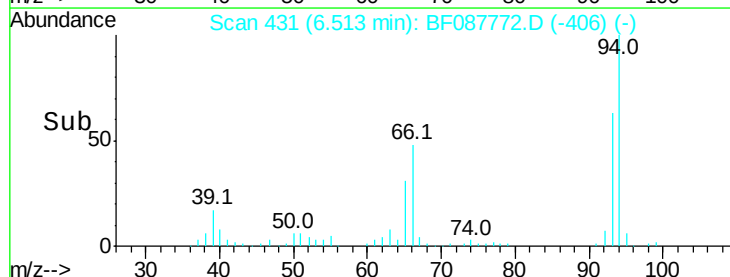
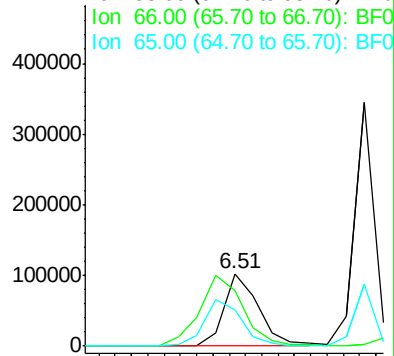
Lab File: BF087772.D

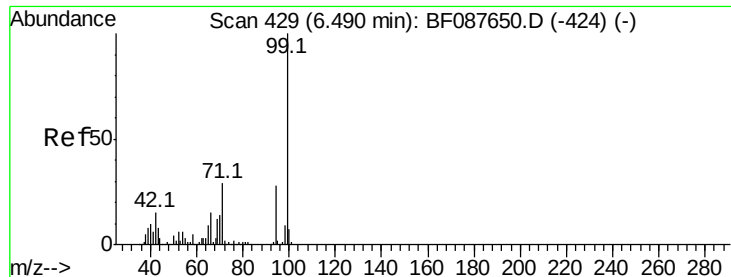
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	153622		
66	77.1		29.8	44.8#
65	49.5		14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 110.33 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

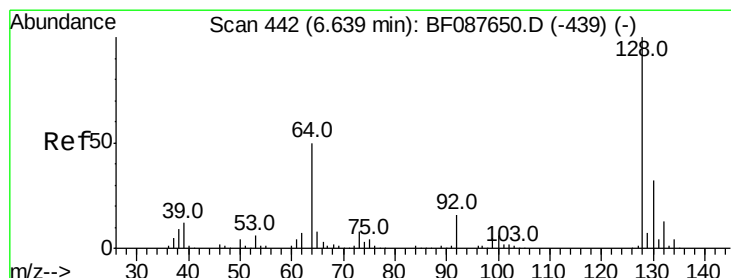
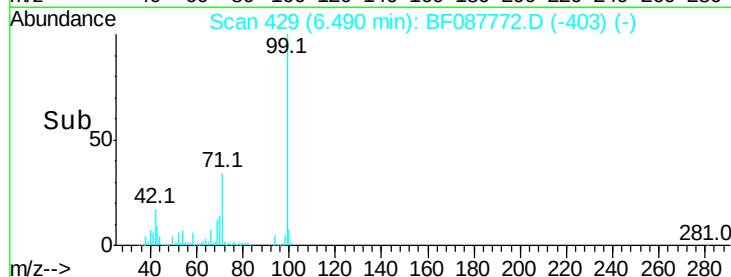
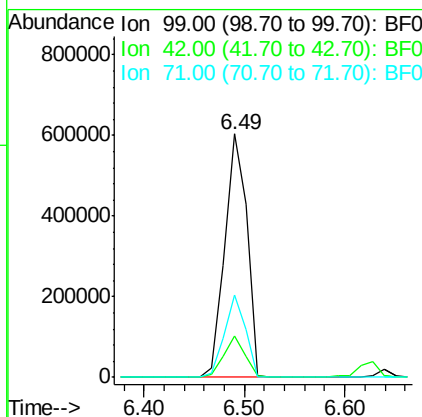
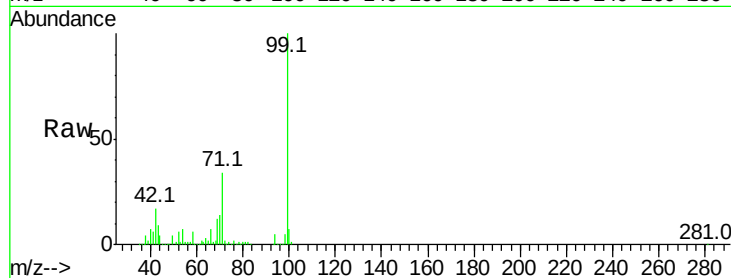
ClientSampleId :

HSR-WC-49-060116MSD

Tot Ion:	99	Resp:	921064
Ion Ratio	Lower	Upper	
99	100		
42	17.2	12.2	18.2
71	33.6	23.4	35.0

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#8

2-Chlorophenol

Concen: 41.84 ng

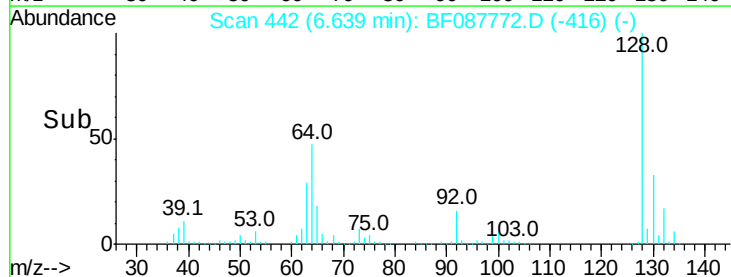
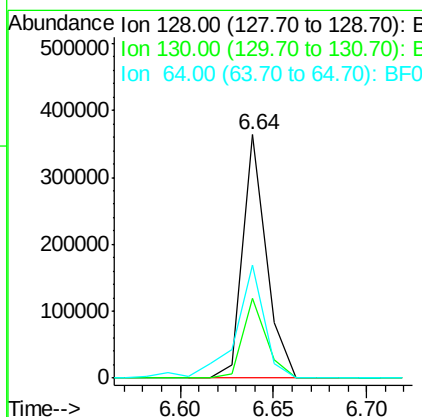
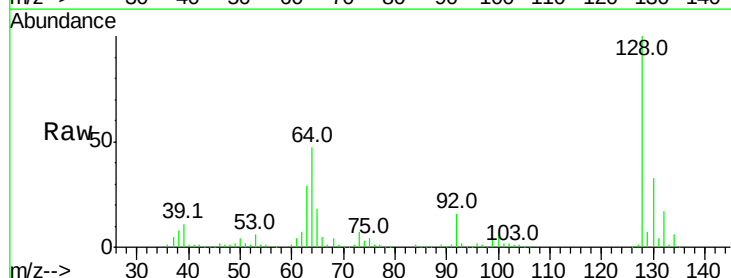
RT: 6.64 min Scan# 442

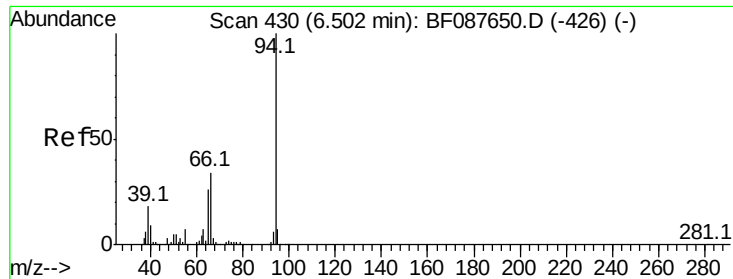
Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion:	128	Resp:	320483
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.0	52.0
64	46.5	30.8	70.8





#10

Phenol

Concen: 29.29 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

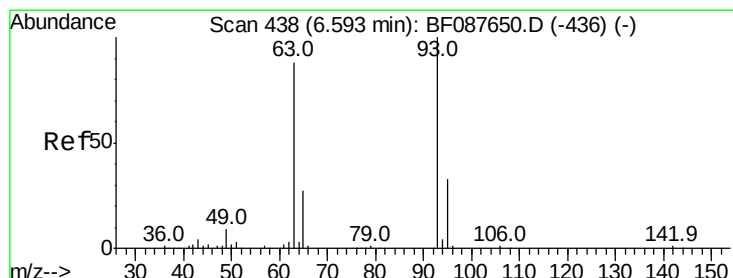
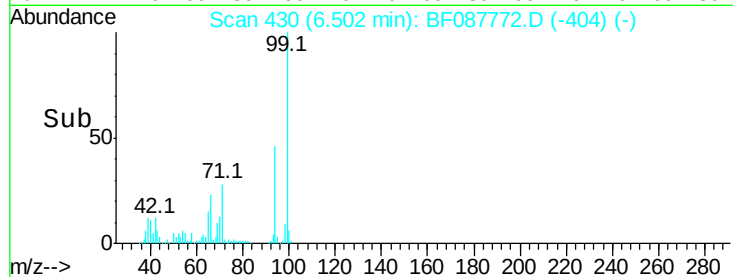
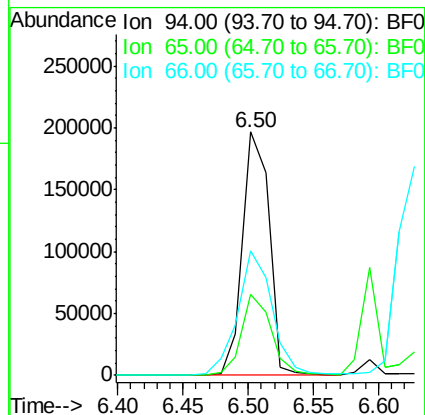
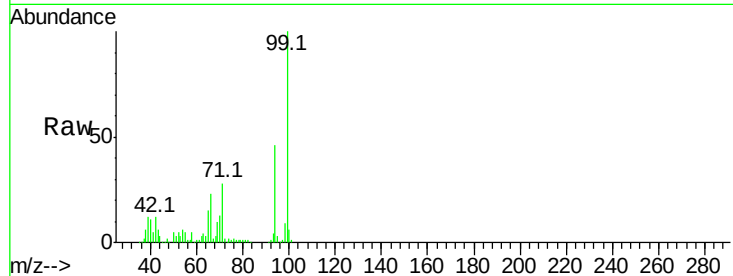
ClientSampleId :

HSR-WC-49-060116MSD

Tot Ion:	94	Resp:	278428
Ion Ratio	Lower	Upper	
94	100		
65	33.5	5.9	45.9
66	51.4	14.0	54.0

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#11

bis(2-Chloroethyl)ether

Concen: 41.45 ng

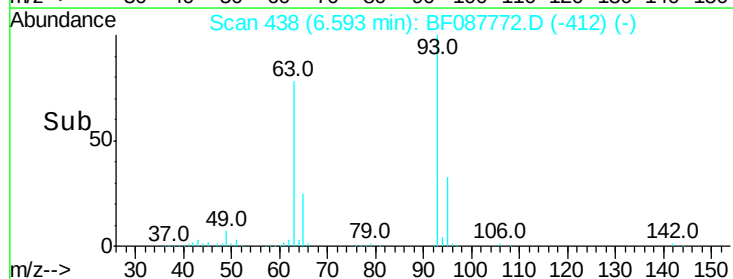
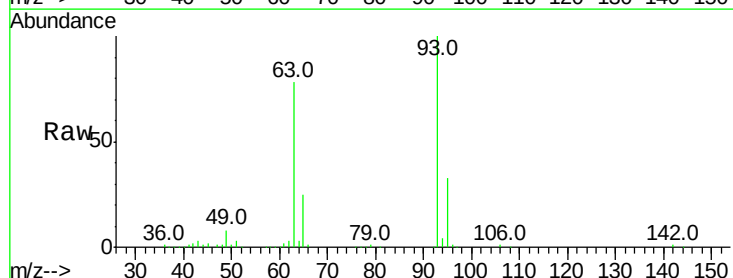
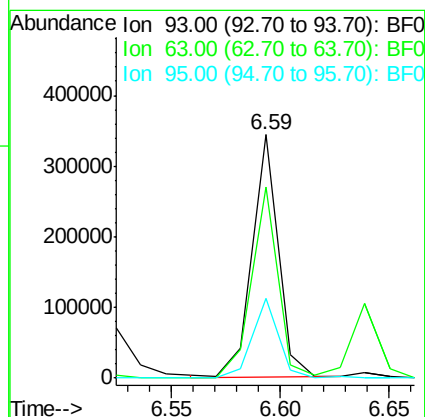
RT: 6.59 min Scan# 438

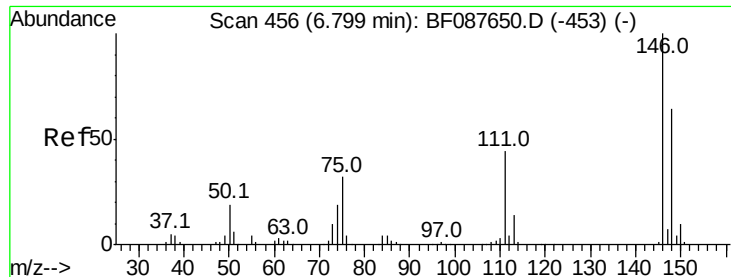
Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion:	93	Resp:	286319
Ion Ratio	Lower	Upper	
93	100		
63	78.5	67.6	107.6
95	32.9	12.5	52.5





#12

1,3-Dichlorobenzene

Concen: 43.49 ng/mL

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

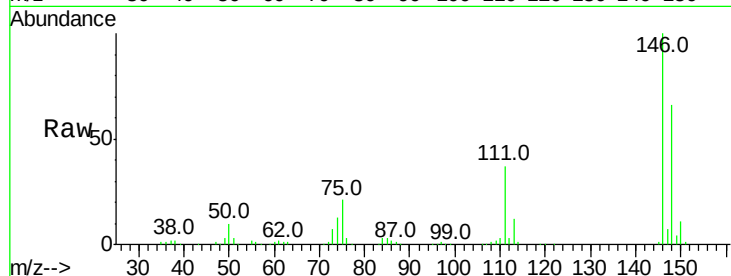
ClientSampleId :

HSR-WC-49-060116MSD

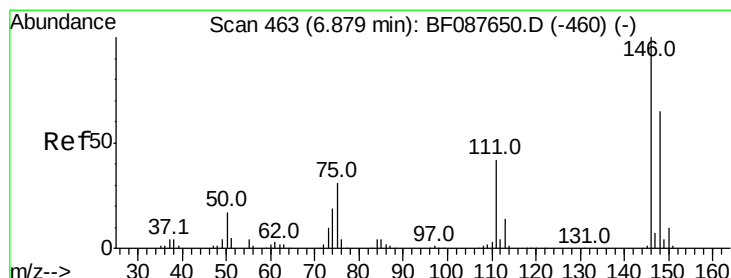
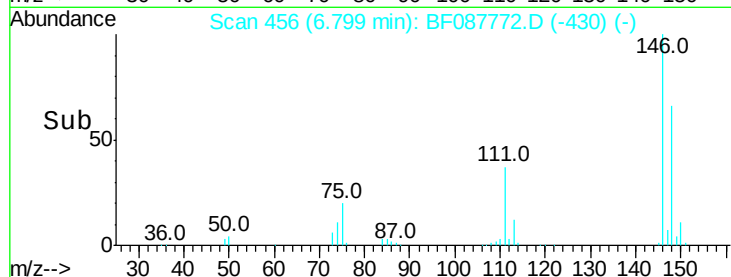
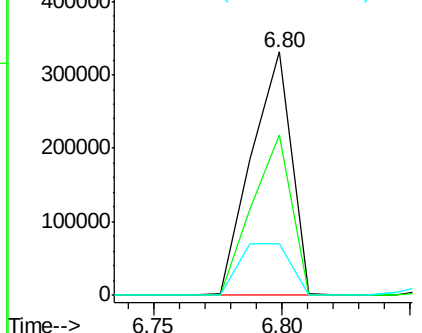
Tot Ion:	146	Resp:	356667
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.9	76.3
75	21.0	25.6	38.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): E



#13

1,4-Dichlorobenzene

Concen: 42.83 ng/mL

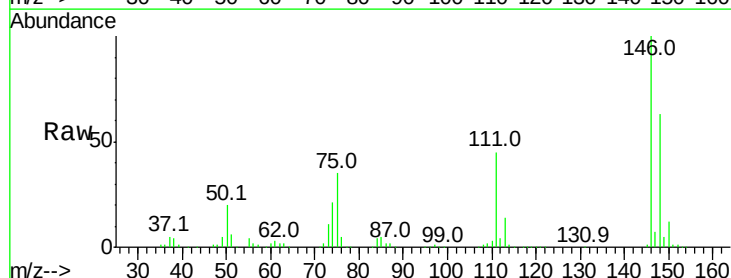
RT: 6.87 min Scan# 462

Delta R.T. -0.01 min

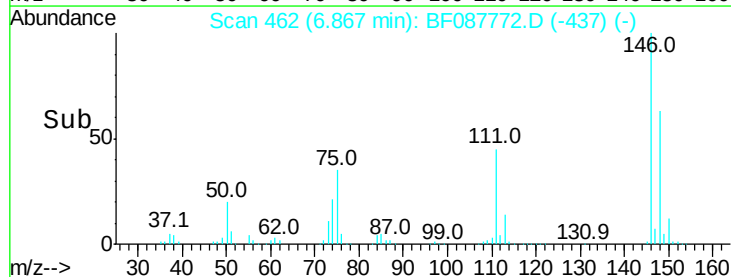
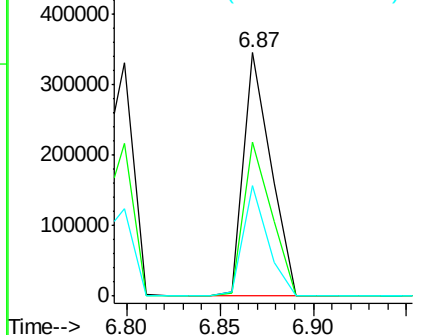
Lab File: BF087772.D

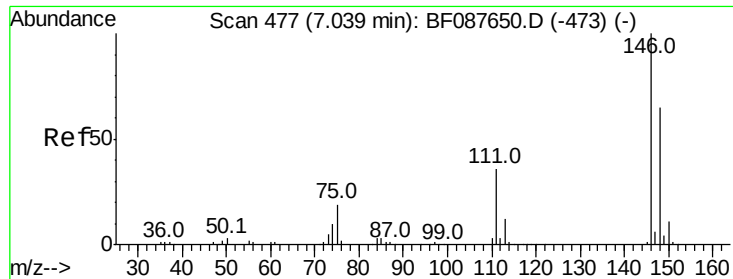
Acq: 7 Jun 2016 3:26

Tgt Ion:	146	Resp:	352505
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.0	78.0
111	45.2	33.8	50.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 43.55 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

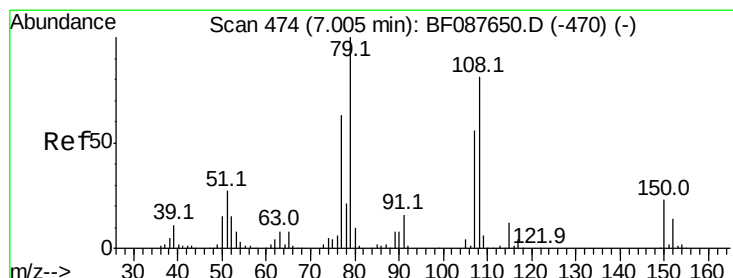
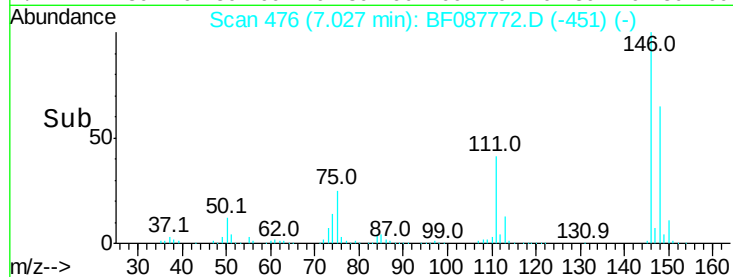
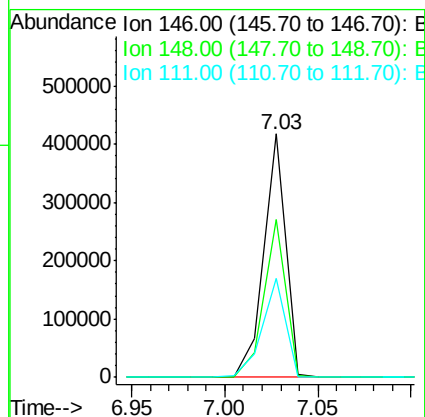
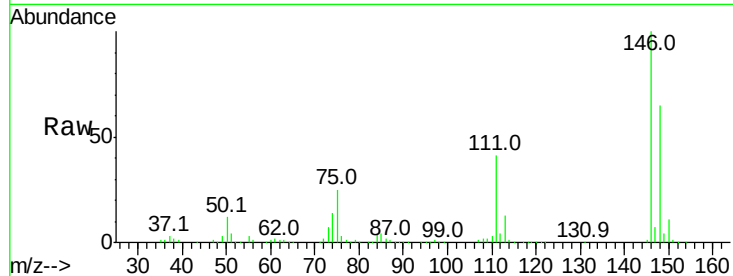
ClientSampleId :

HSR-WC-49-060116MSD

Tot Ion:	146	Resp:	335972
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.3	78.5
111	40.9	28.7	43.1

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#15

Benzyl Alcohol

Concen: 41.96 ng

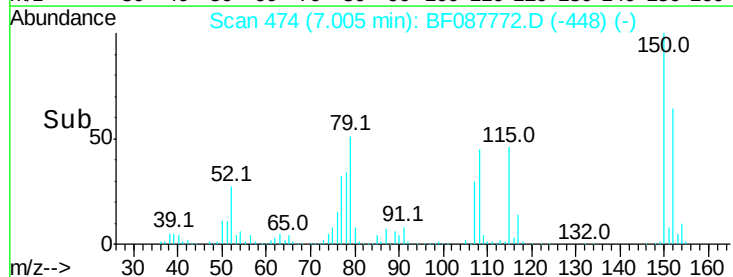
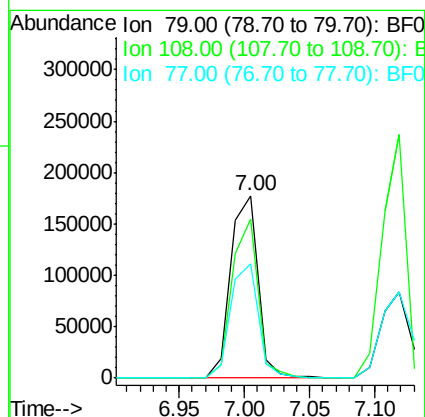
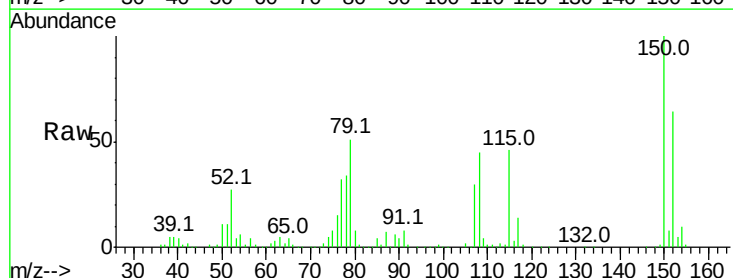
RT: 7.00 min Scan# 474

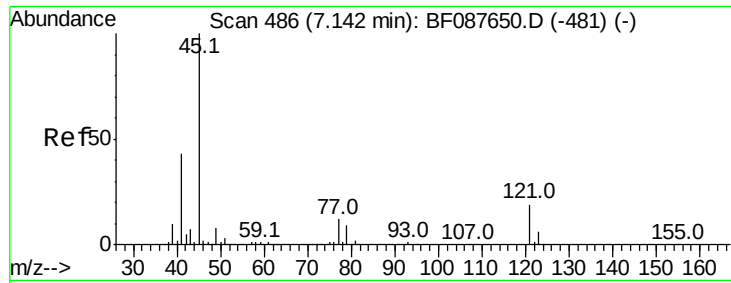
Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion:	79	Resp:	258771
Ion Ratio	Lower	Upper	
79	100		
108	86.9	65.0	97.6
77	62.8	50.3	75.5





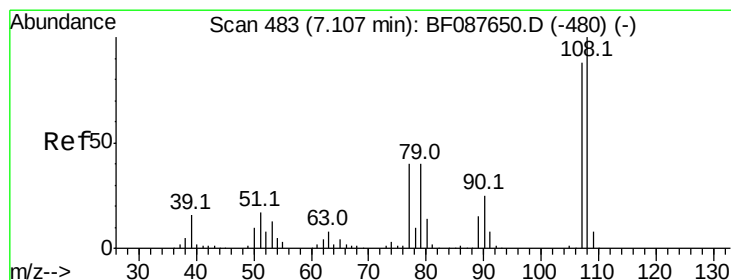
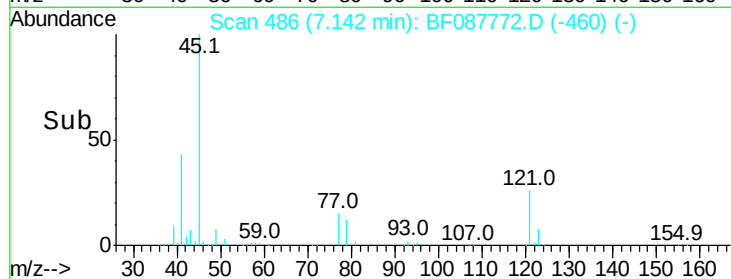
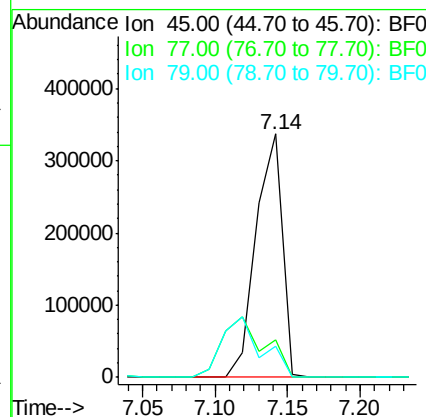
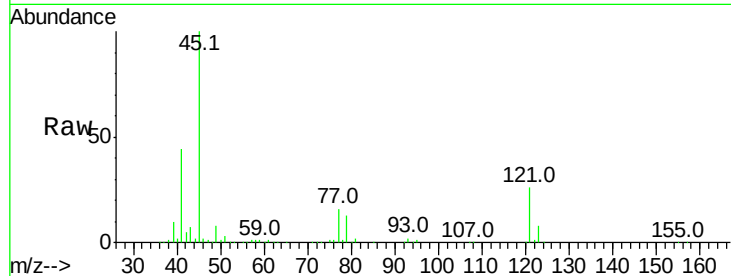
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 42.21 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.6	0.0	32.5	
79	12.8	0.0	29.5	

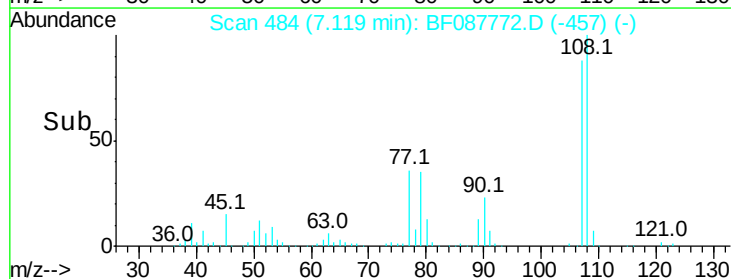
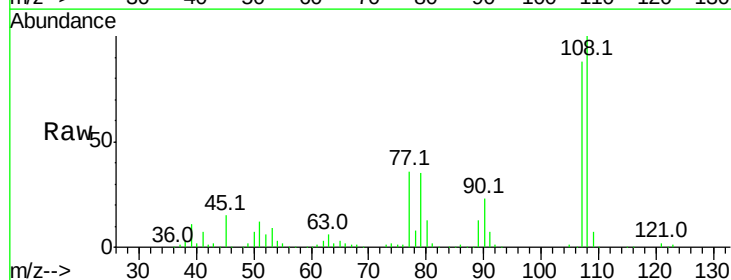
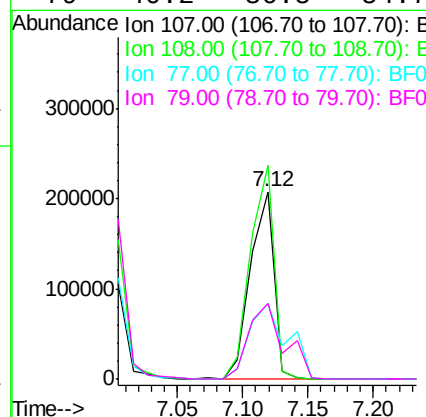
Manual Integrations
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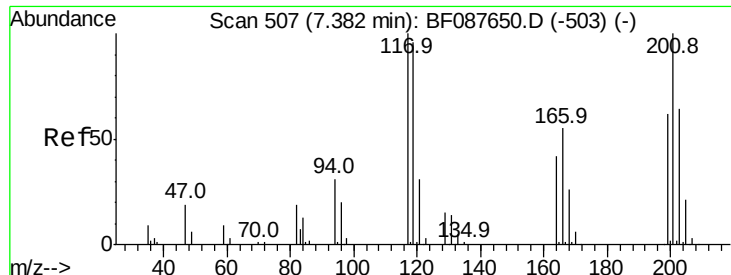
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#17
2-Methylphenol
Concen: 42.56 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	90.9	136.3	
77	40.7	36.6	55.0	
79	40.2	36.5	54.7	





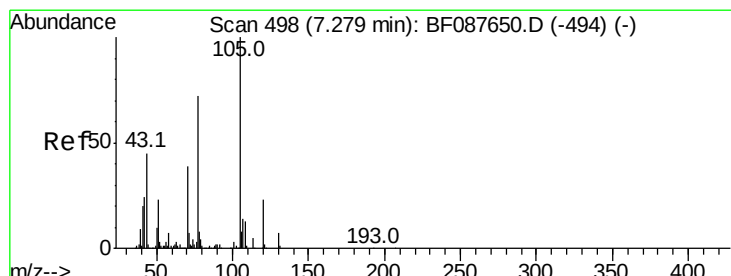
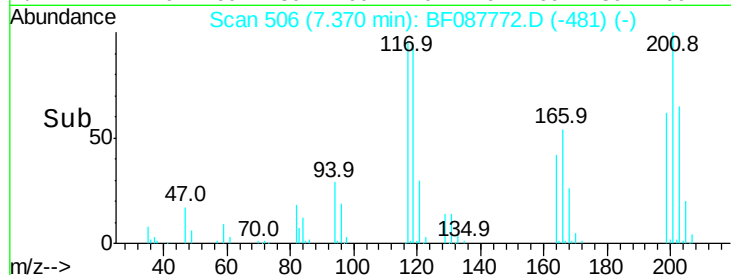
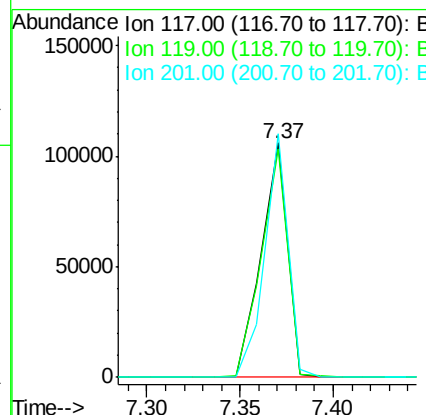
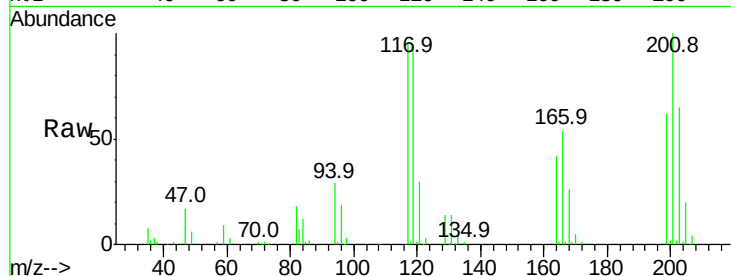
#18
Hexachloroethane
Concen: 35.85 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	103166		
119	97.5	77.4	116.2	
201	104.0	80.4	120.6	

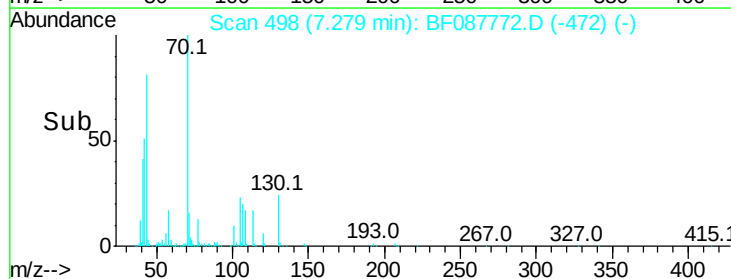
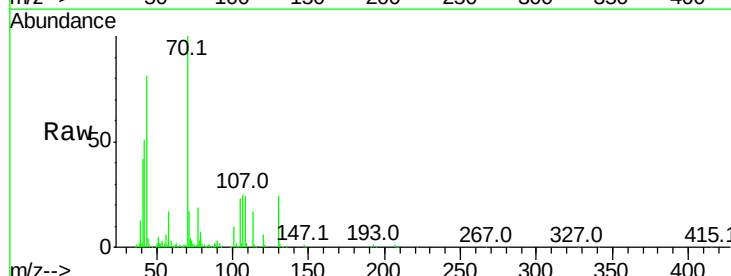
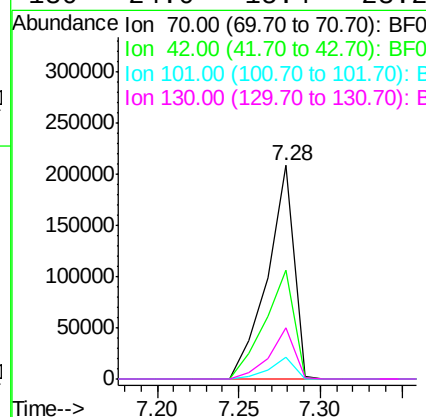
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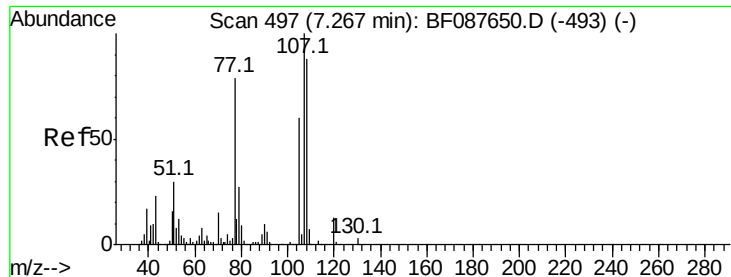
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#19
n-Nitroso-di-n-propylamine
Concen: 45.67 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	238129		
42	50.9	49.6	74.4	
101	10.2	7.1	10.7	
130	24.0	15.4	23.2#	





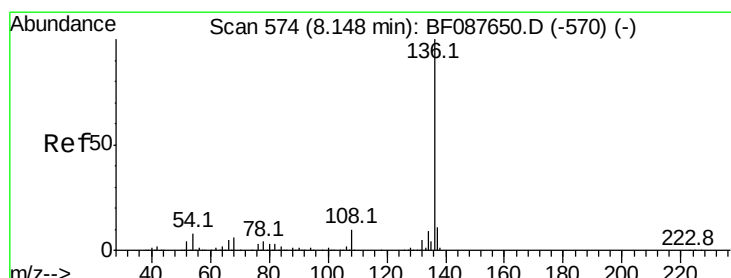
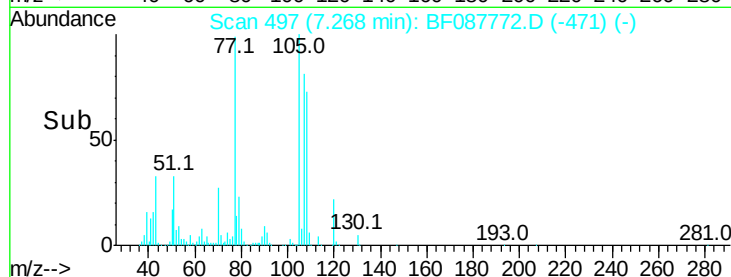
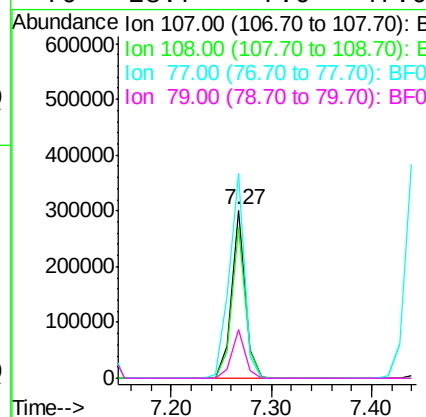
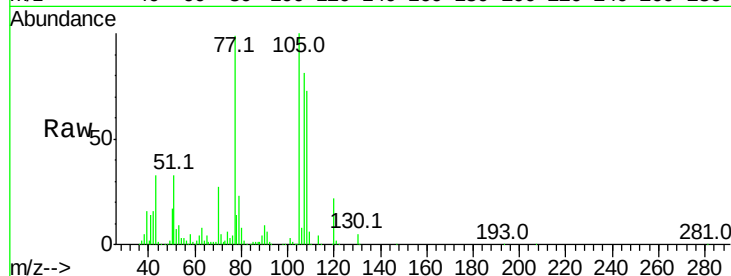
#20
3+4-Methylphenols
Concen: 37.70 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.9	67.8	107.8		
77	122.4	59.3	99.3#		
79	28.7	7.0	47.0		

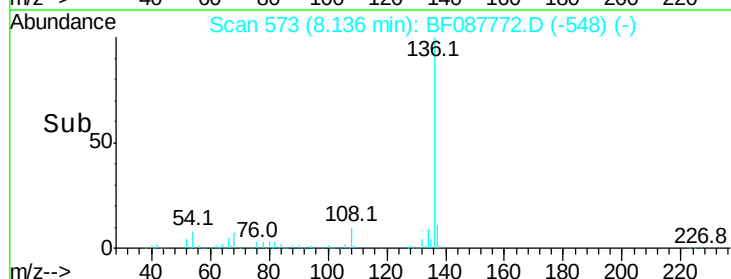
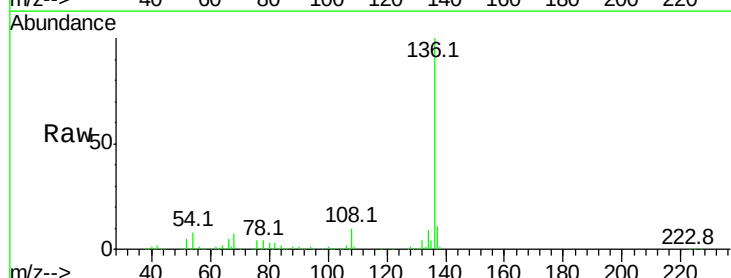
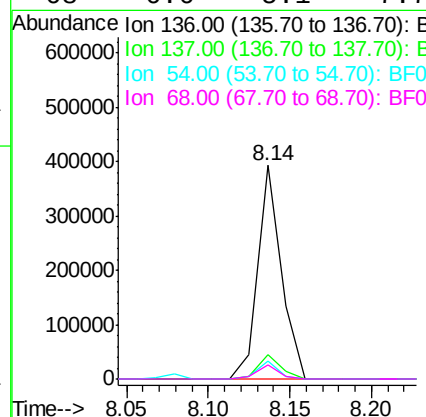
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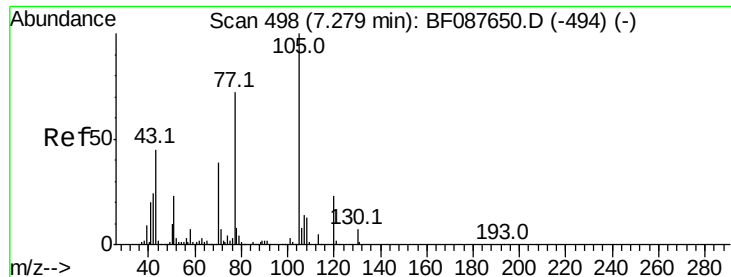
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2	9.1	13.7		
54	8.4	6.6	10.0		
68	6.6	5.1	7.7		





#22

Acetophenone

Concen: 45.51 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

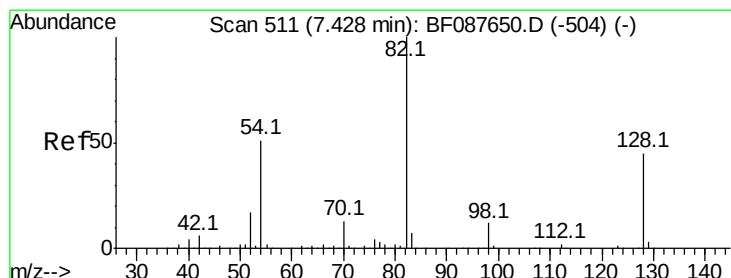
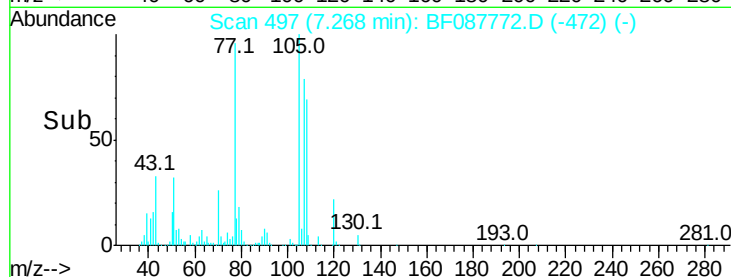
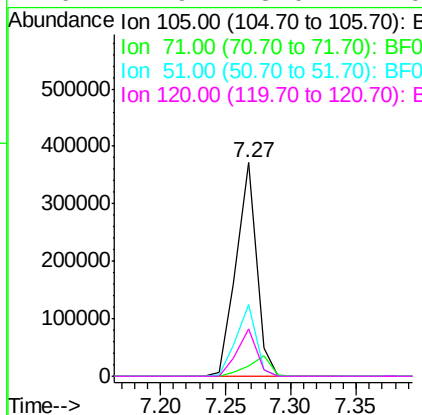
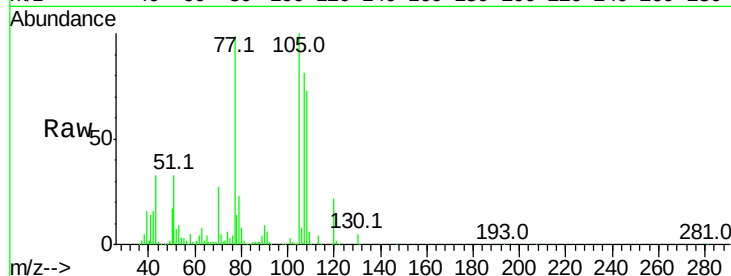
ClientSampleId :

HSR-WC-49-060116MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100			
71	71	4.5	5.3	7.9#	
51	51	33.5	18.2	27.4#	
120	120	21.9	18.0	27.0	

Manual Integrations
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#23

Nitrobenzene-d5

Concen: 94.13 ng

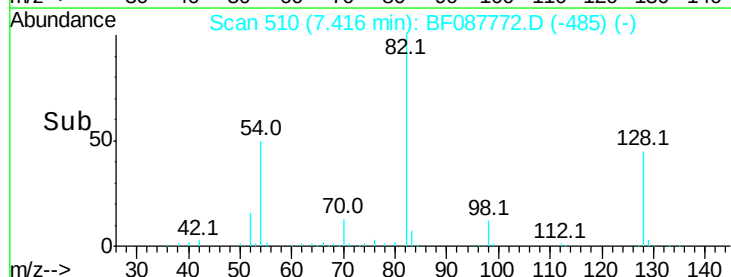
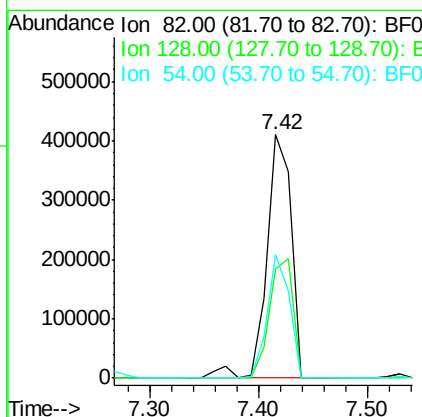
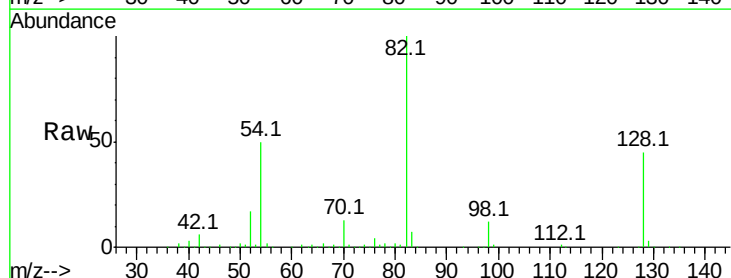
RT: 7.42 min Scan# 510

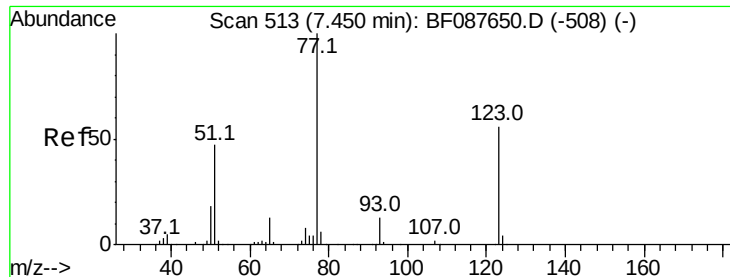
Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100			
128	128	44.7	35.9	53.9	
54	54	50.4	40.9	61.3	





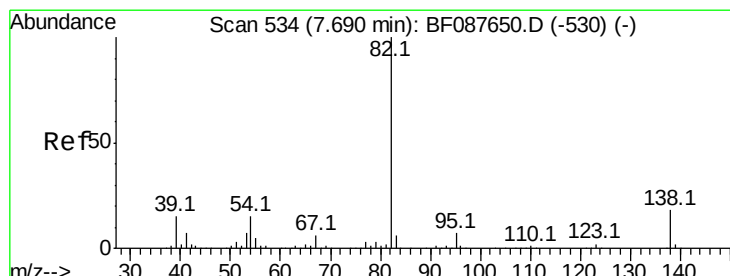
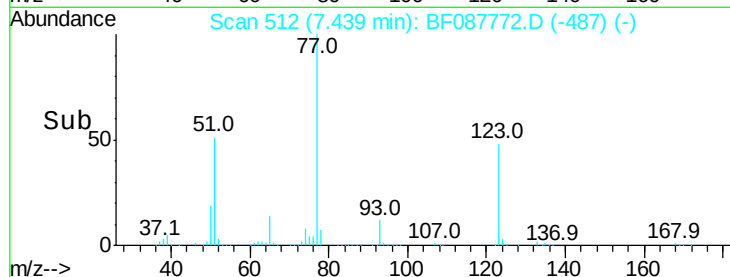
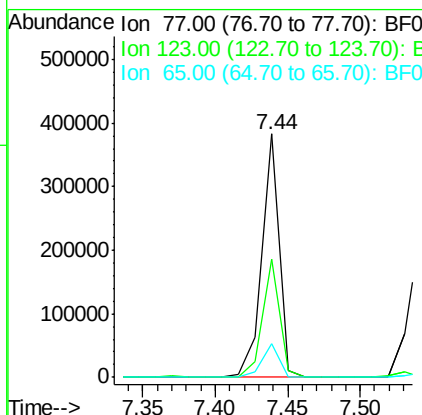
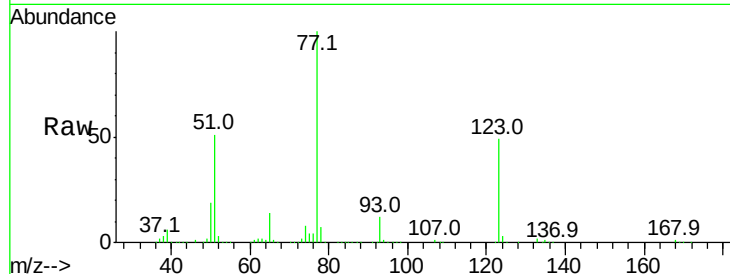
#24
Nitrobenzene
Concen: 46.95 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Lower	Upper
77	100		
123	48.5	45.0	67.4
65	13.6	10.2	15.2

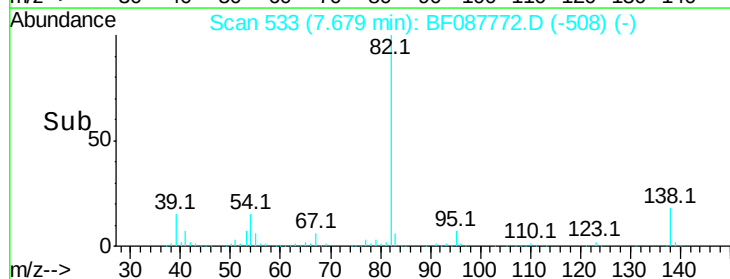
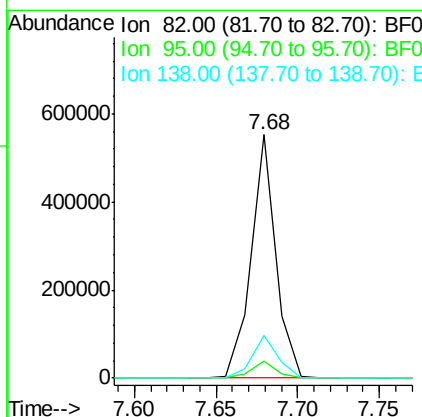
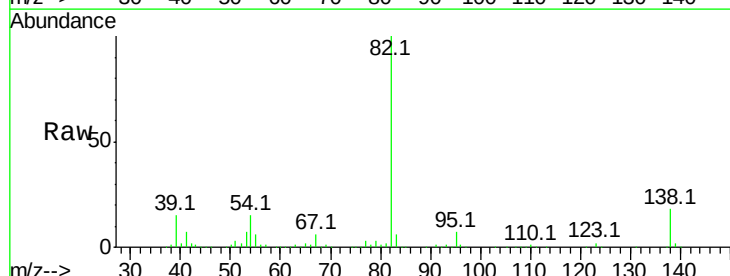
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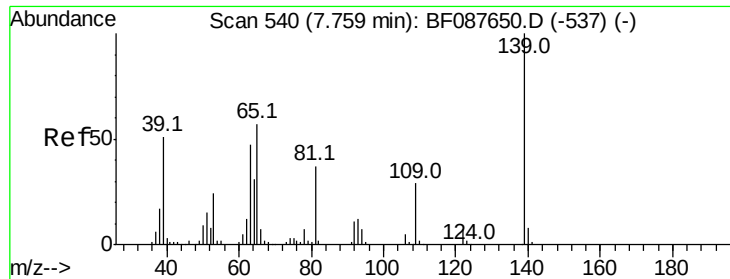
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#25
Isophorone
Concen: 47.10 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	17.6	14.6	21.8





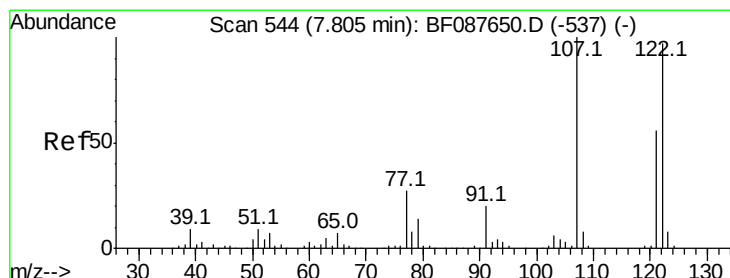
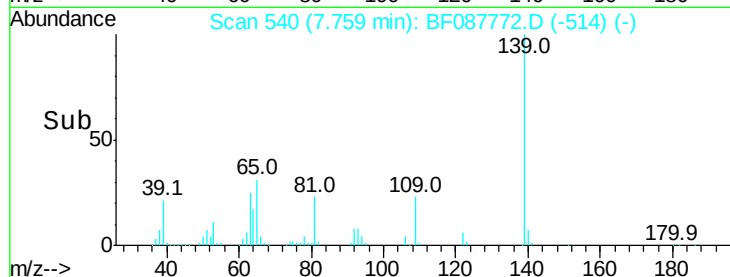
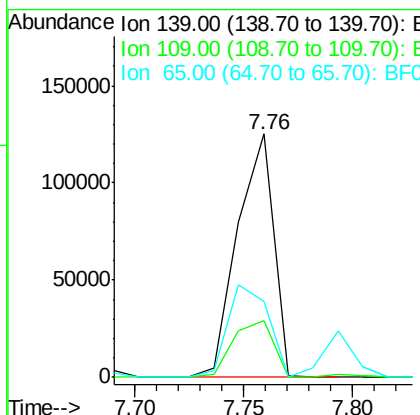
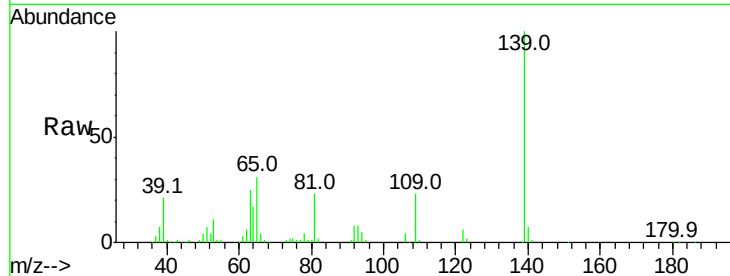
#26
2-Nitrophenol
Concen: 45.87 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	144379		
109	23.2	23.0	34.4	
65	31.2	45.8	68.8	

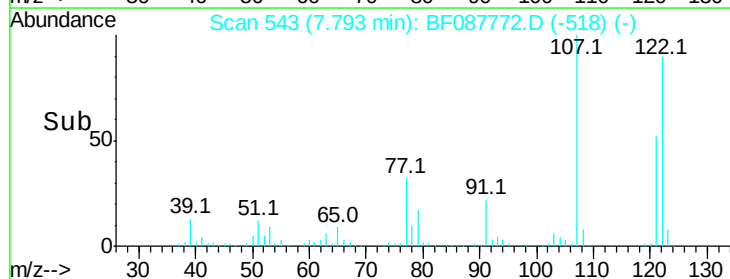
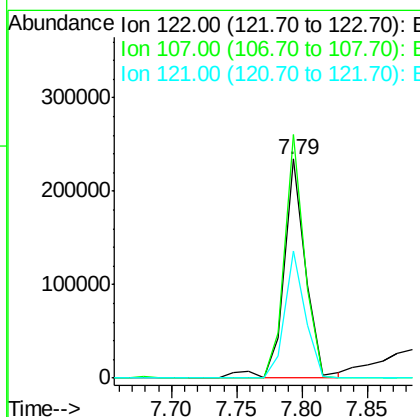
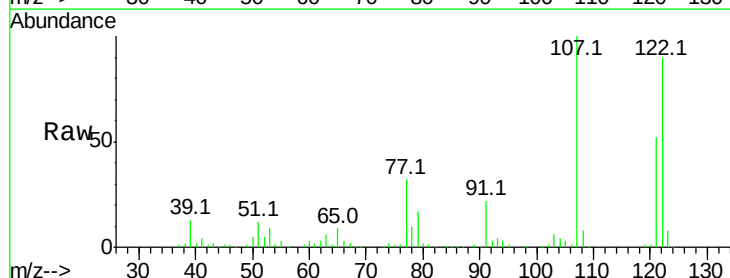
Manual Integrations
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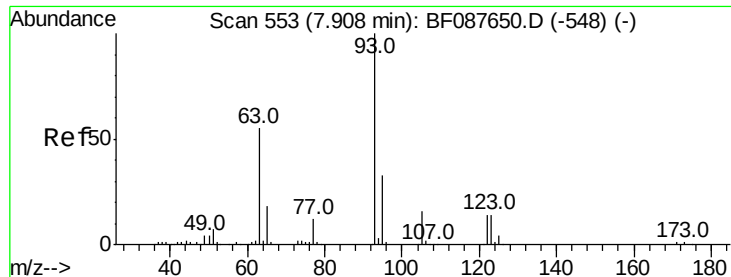
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#27
2,4-Dimethylphenol
Concen: 42.01 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	274056		
107	111.3	82.4	123.6	
121	58.1	46.3	69.5	





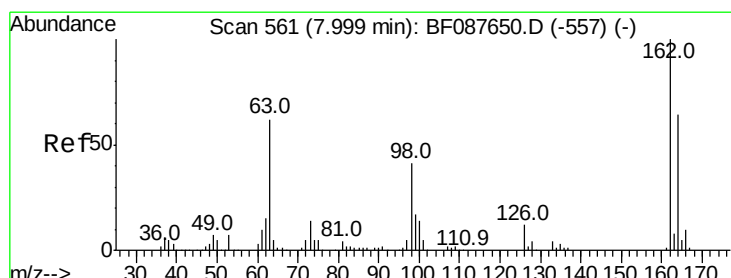
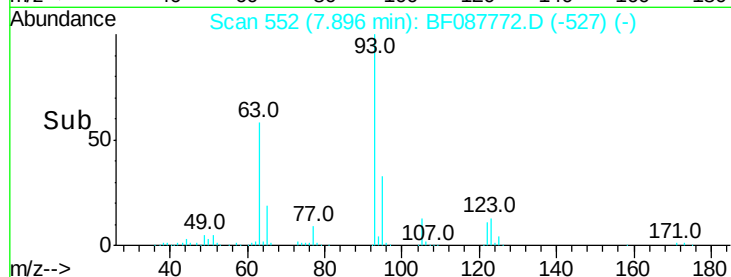
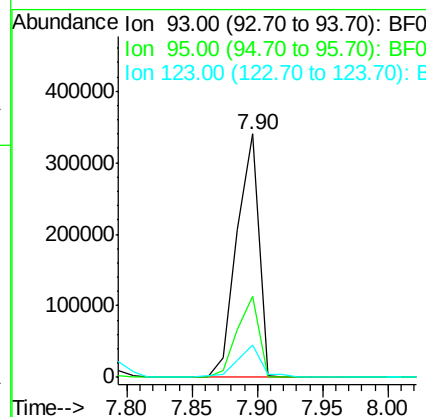
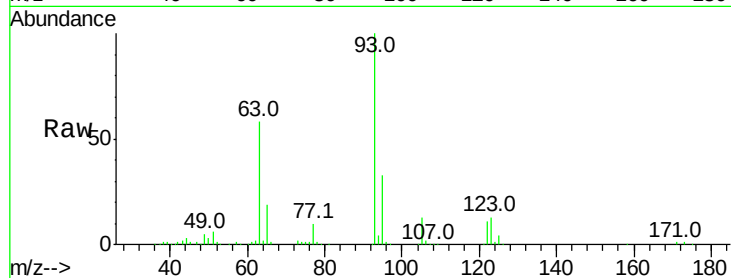
#28
 bis(2-Chloroethoxy)methane
 Concen: 50.73 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.4	26.5	39.7	
123	13.3	11.6	17.4	

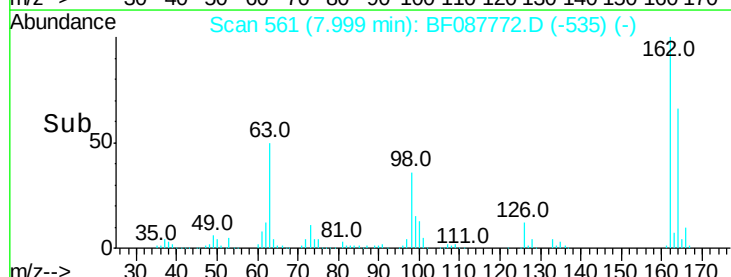
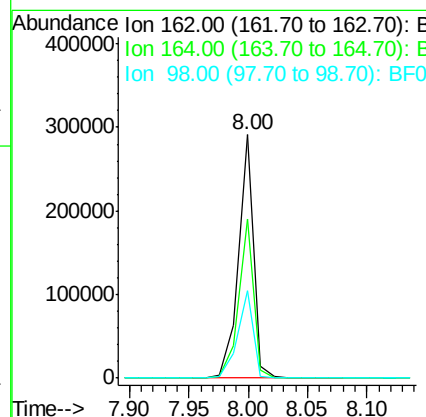
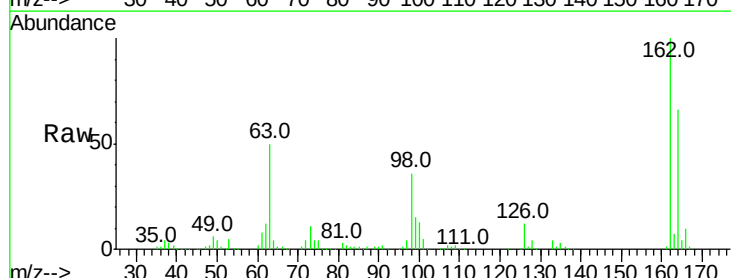
Manual Integrations
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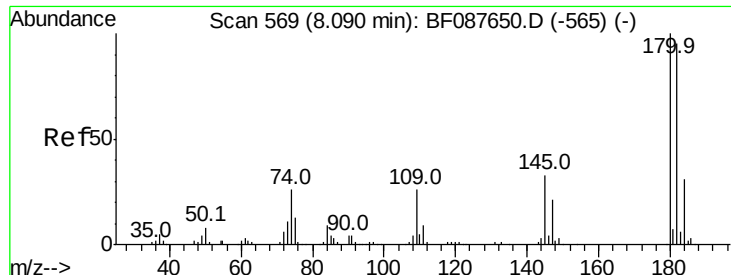
sohil
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#29
 2,4-Dichlorophenol
 Concen: 48.19 ng
 RT: 8.00 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.6	43.8	83.8	
98	36.0	21.3	61.3	





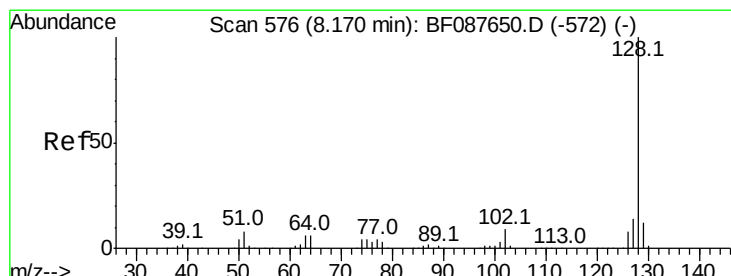
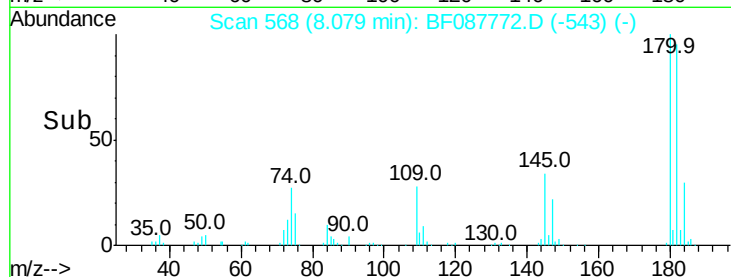
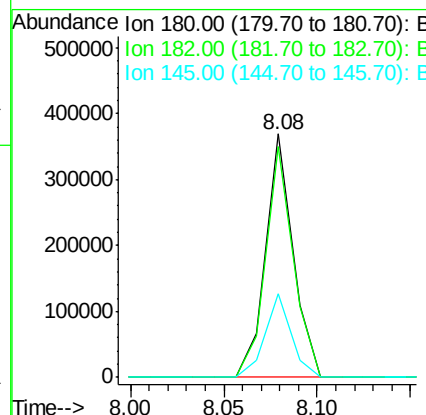
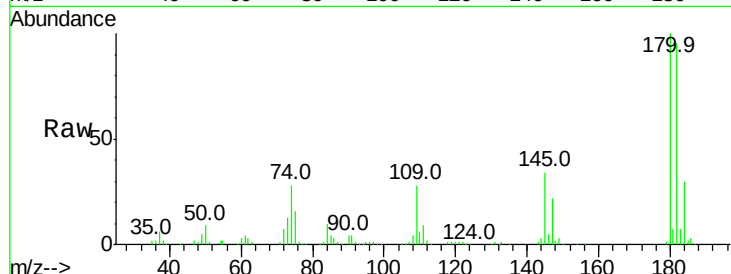
#30
 1,2,4-Trichlorobenzene
 Concen: 66.77 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	374632		
182	94.7	76.0	114.0	
145	34.5	26.5	39.7	

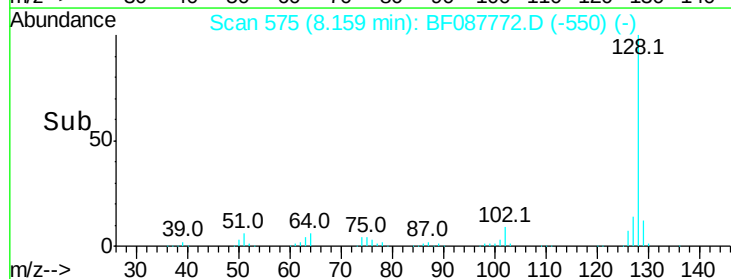
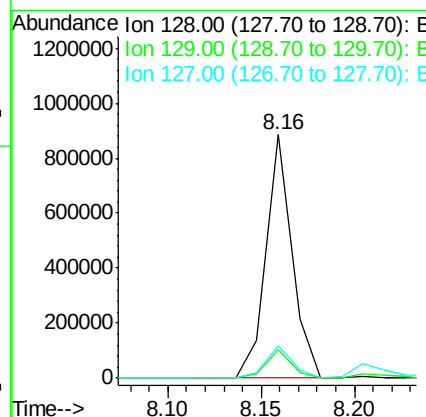
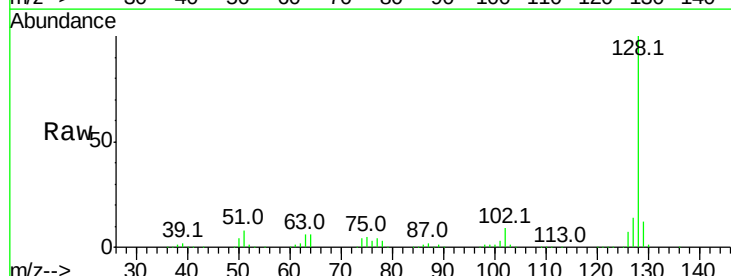
Manual Integrations
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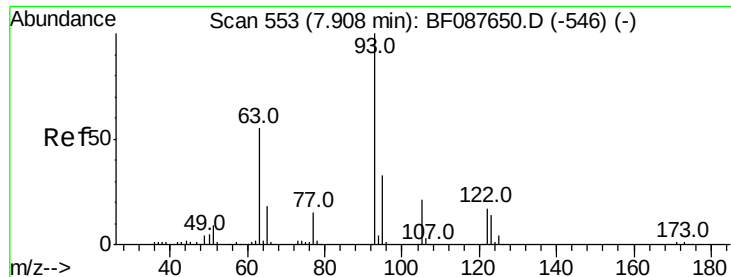
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#31
 Naphthalene
 Concen: 44.88 ng
 RT: 8.16 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	854678		
129	11.7	9.4	14.2	
127	13.5	10.9	16.3	





#32

Benzoic acid

Concen: 42.14 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

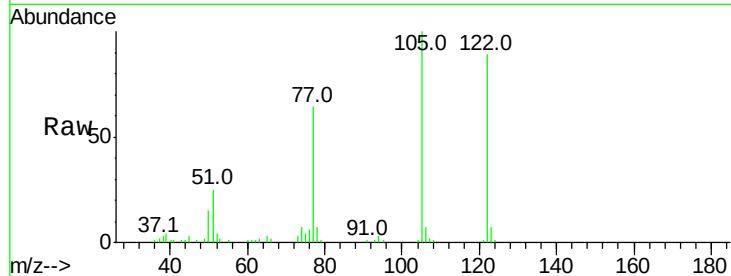
ClientSampleId :

HSR-WC-49-060116MSD

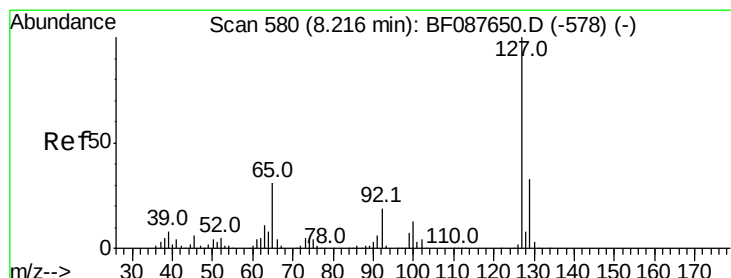
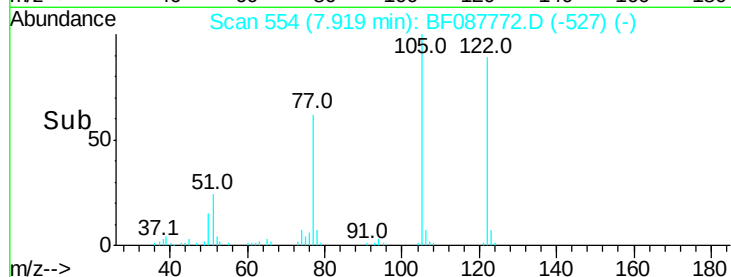
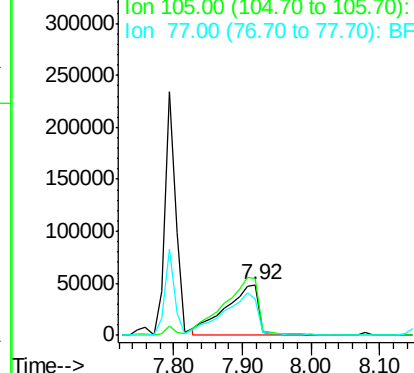
Tot Ion:	122	Resp:	165853
Ion Ratio	Lower	Upper	
122	100		
105	112.4	101.6	141.6
77	71.6	70.6	110.6

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 9.22 ng

RT: 8.20 min Scan# 579

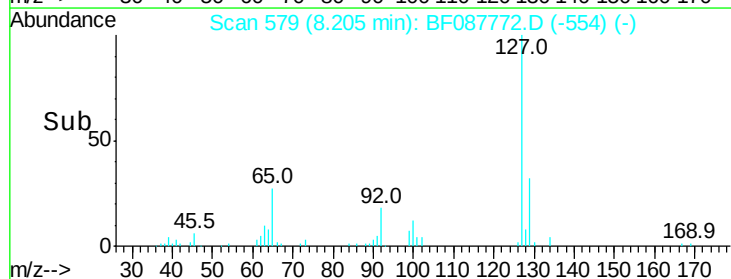
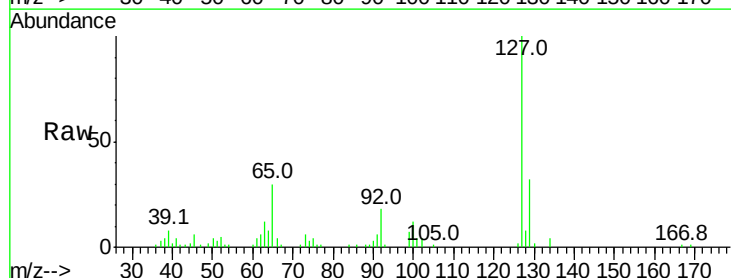
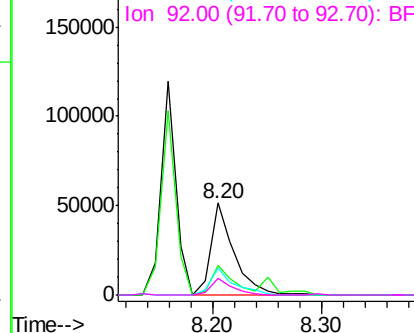
Delta R.T. -0.01 min

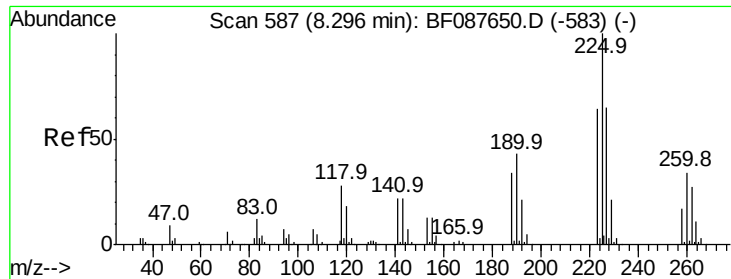
Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion:	127	Resp:	76274
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.3	39.5
65	29.9	24.7	37.1
92	18.2	15.4	23.0

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





#34

Hexachlorobutadiene

Concen: 50.06 ng

RT: 8.28 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

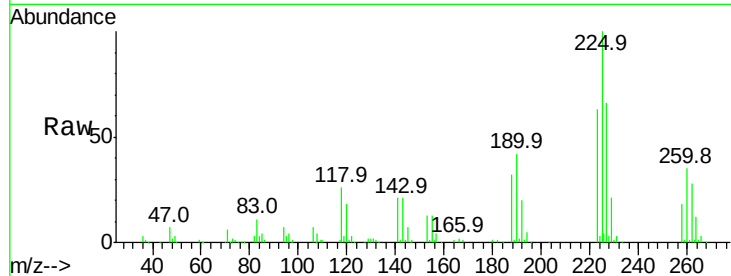
ClientSampleId :

HSR-WC-49-060116MSD

Tot Ion:	225	Resp:	146026
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.9	76.3
227	65.5	51.9	77.9

Manual Integrations
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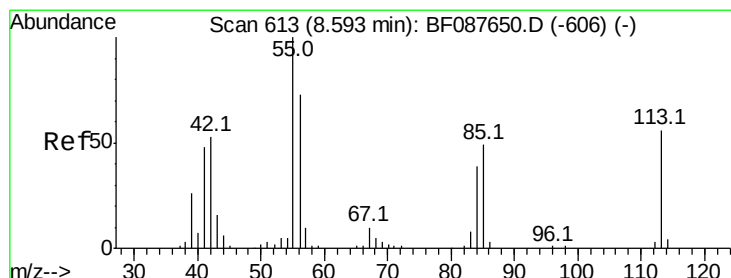
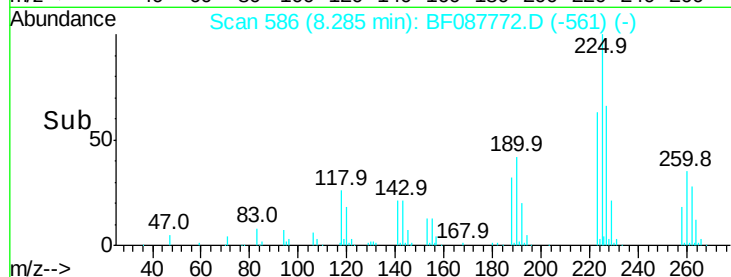
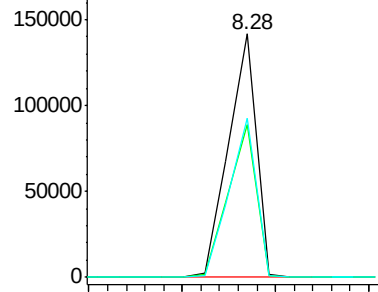
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 36.54 ng

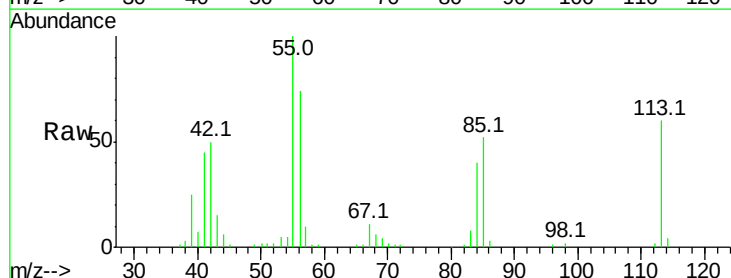
RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

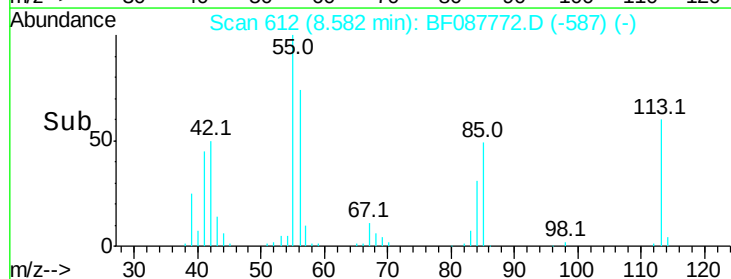
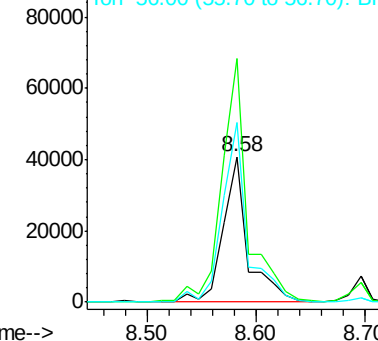
Tgt Ion:	113	Resp:	64315
Ion Ratio	Lower	Upper	
113	100		
55	167.6	158.6	198.6
56	123.9	110.6	150.6

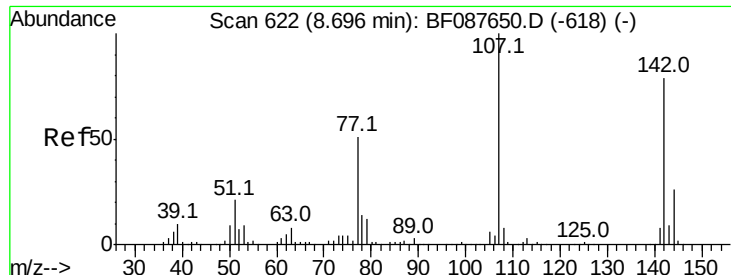


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





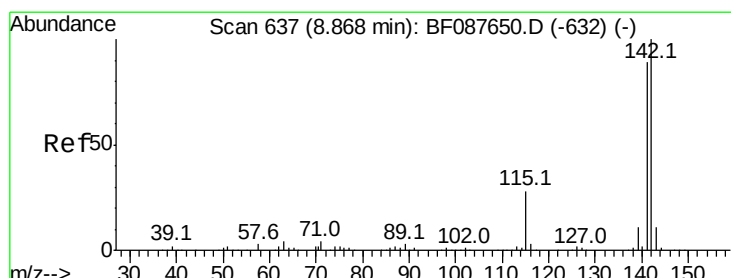
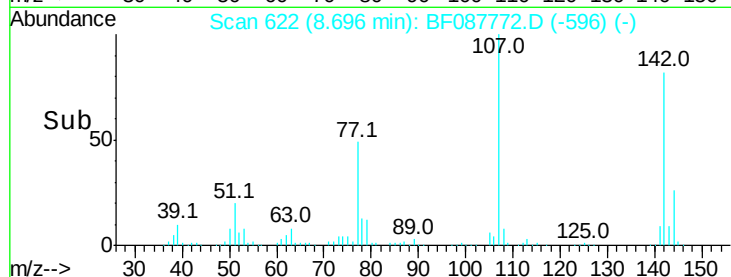
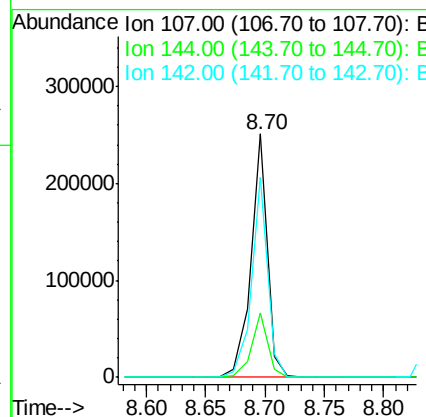
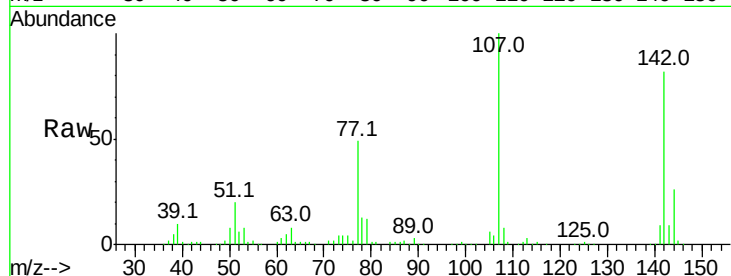
#36
 4-Chloro-3-methylphenol
 Concen: 43.78 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	242620		
144	26.3	20.8	31.2	
142	82.2	63.4	95.2	

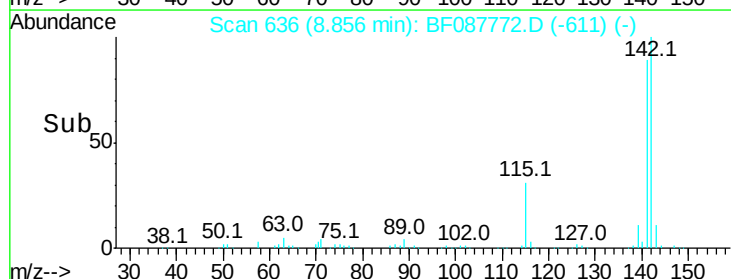
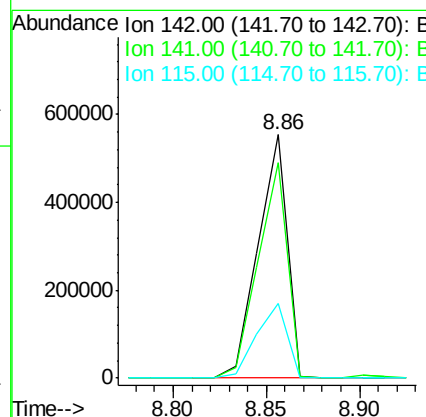
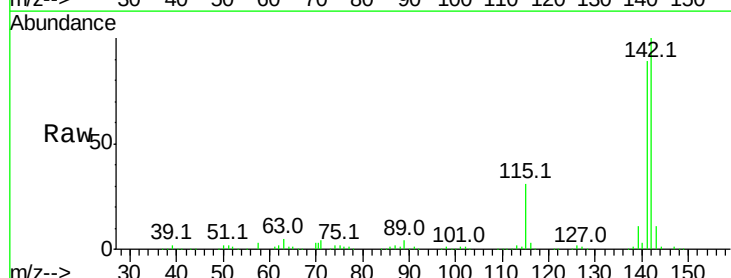
Manual Integrations
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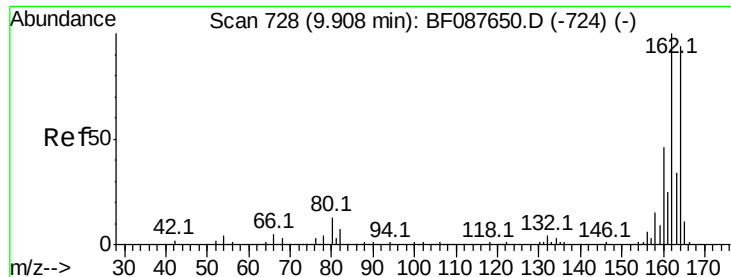
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#37
 2-Methylnaphthalene
 Concen: 47.41 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	596168		
141	88.5	71.0	106.6	
115	30.7	22.6	33.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087772.D

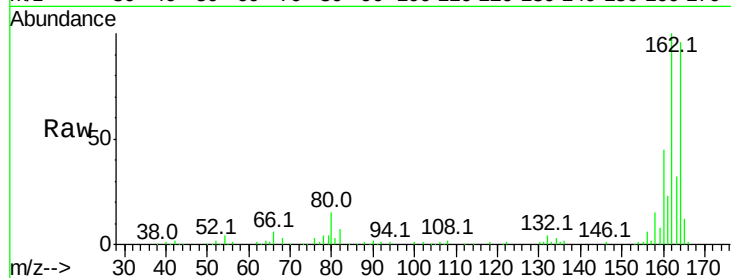
Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

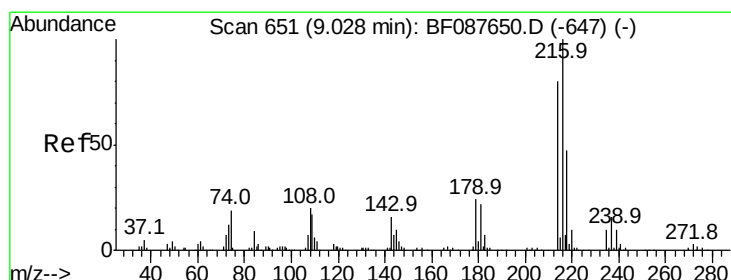
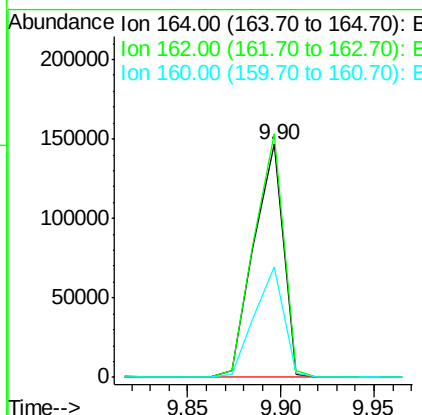
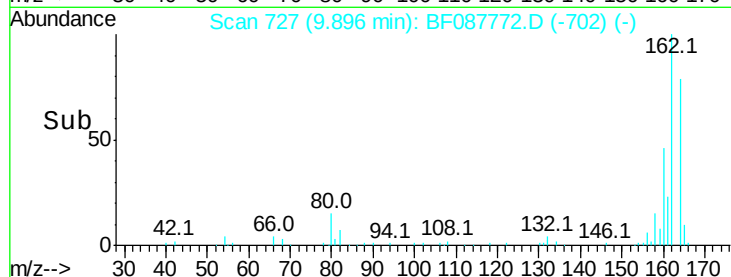
HSR-WC-49-060116MSD



Tot Ion	164	Resp	160297
Ion Ratio	Lower	Upper	
164	100		
162	104.5	85.4	128.2
160	47.4	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.24 ng

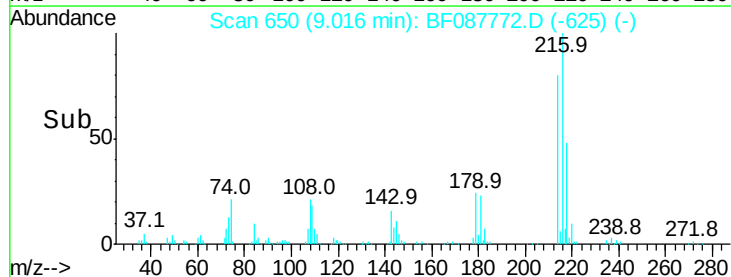
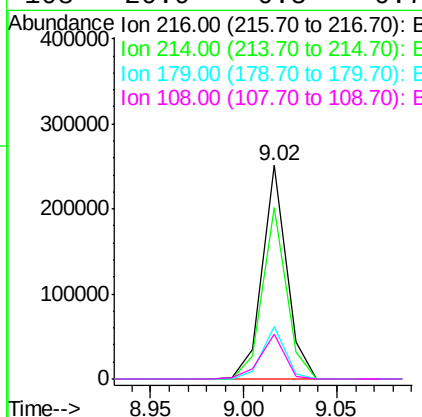
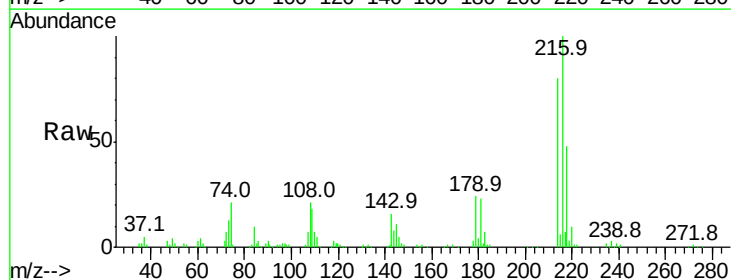
RT: 9.02 min Scan# 650

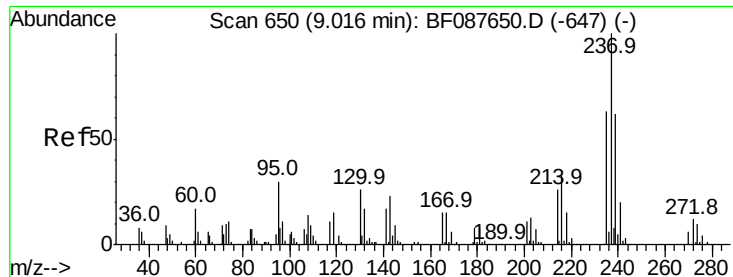
Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion	216	Resp	226378
Ion Ratio	Lower	Upper	
216	100		
214	79.2	2.9	4.3#
179	23.2	0.0	0.0#
108	20.9	0.5	0.7#





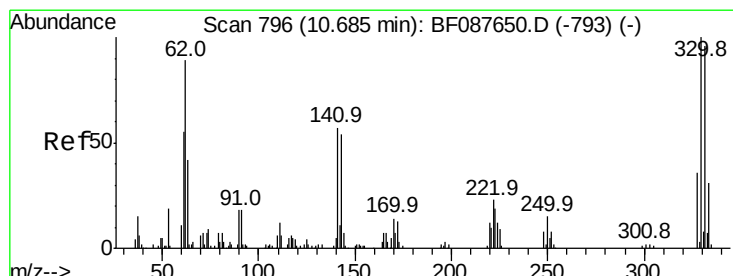
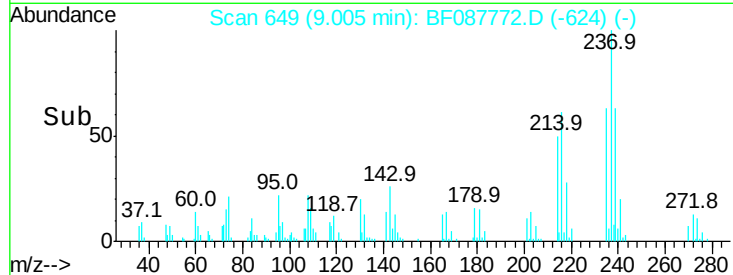
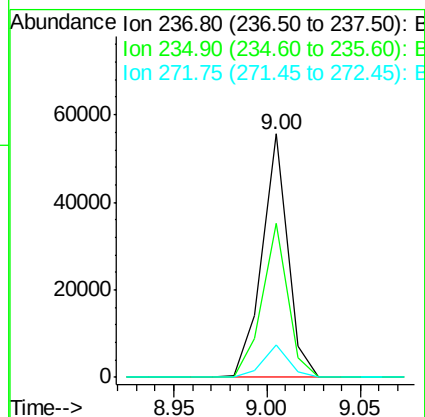
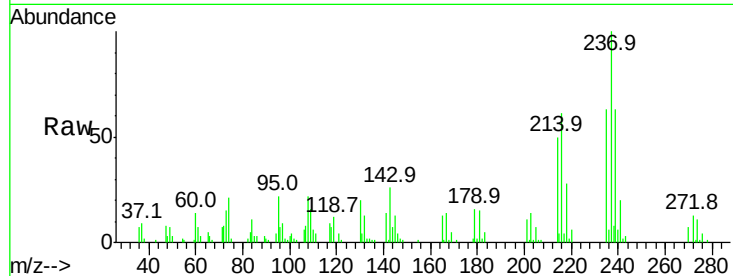
#40
Hexachlorocyclopentadiene
Concen: 20.42 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	43.4	83.4
272	13.4	0.0	32.3

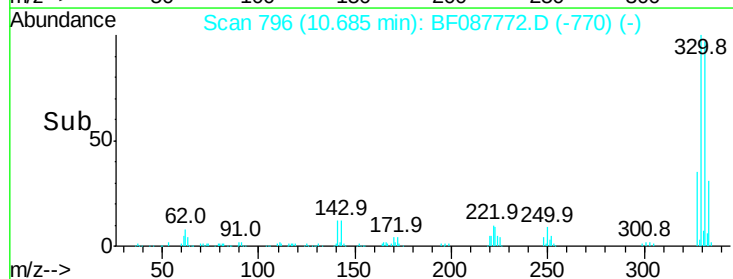
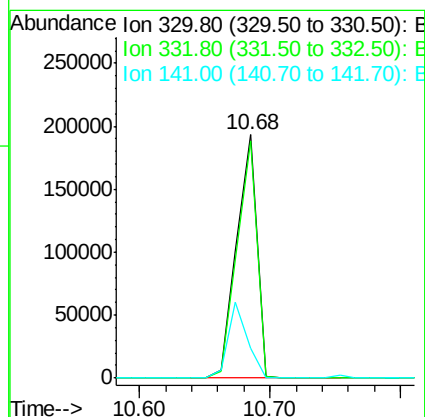
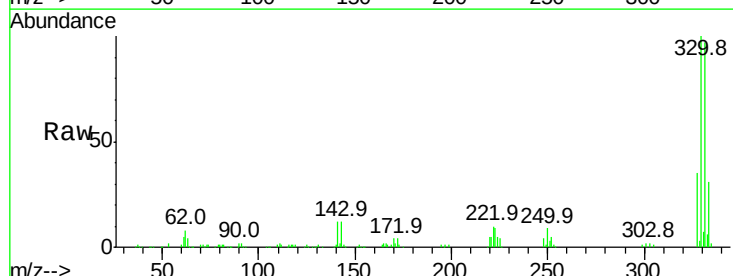
Manual Integrations
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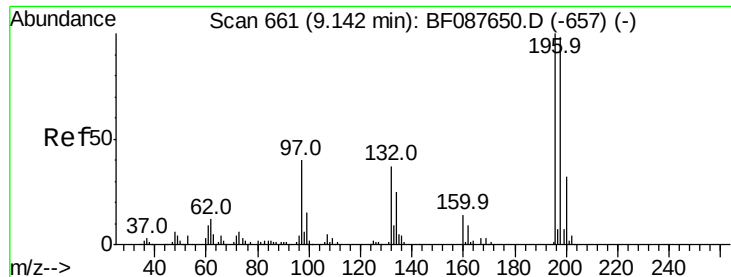
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#41
2,4,6-Tribromophenol
Concen: 129.17 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	29.9	0.0	0.0#





#42

2,4,6-Trichlorophenol

Concen: 48.00 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

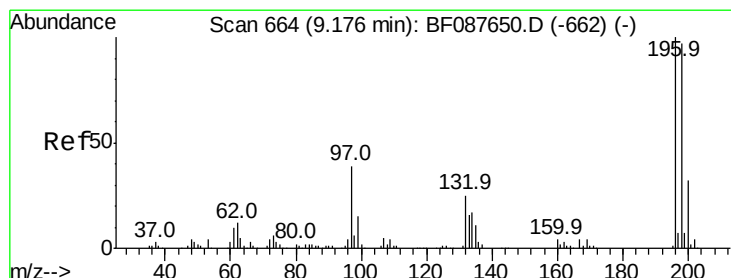
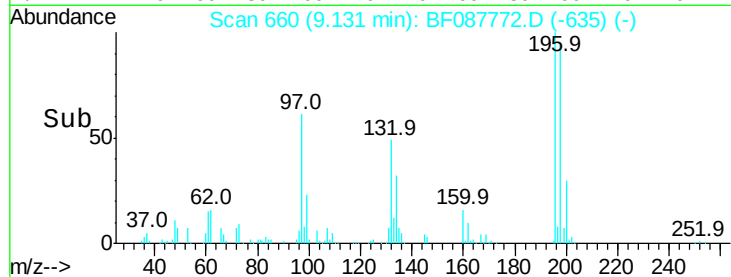
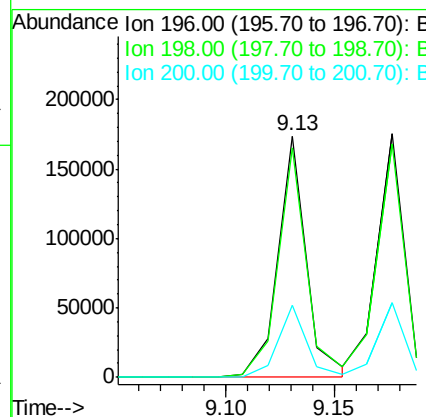
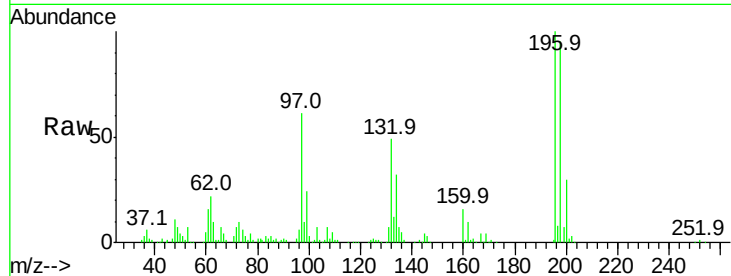
ClientSampleId :

HSR-WC-49-060116MSD

Tot Ion:	196	Resp:	160132
Ion Ratio	Lower	Upper	
196	100		
198	94.8	78.0	117.0
200	30.0	25.4	38.2

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 49.07 ng

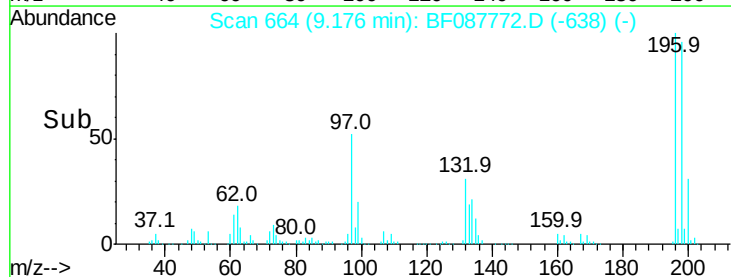
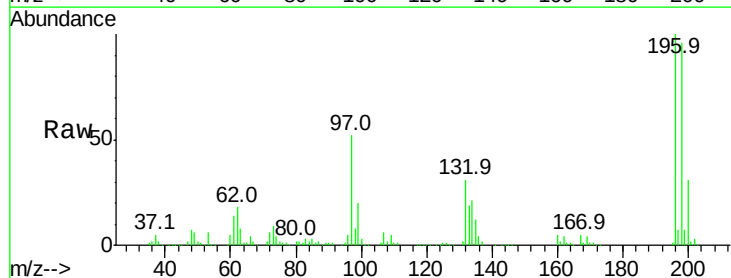
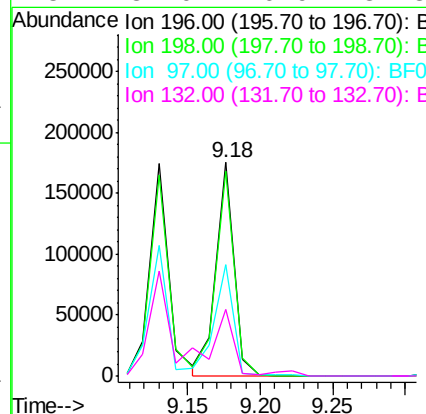
RT: 9.18 min Scan# 664

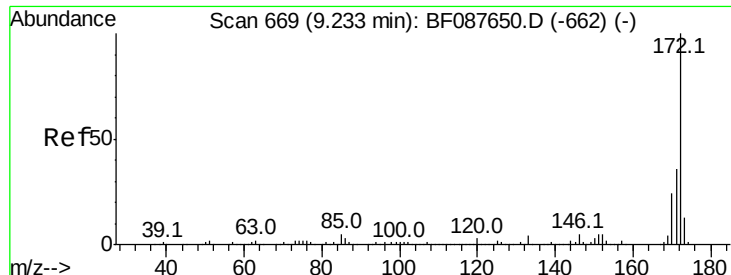
Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion:	196	Resp:	152360
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.5	116.3
97	52.3	32.0	48.0#
132	31.0	20.9	31.3





#44

2-Fluorobiphenyl

Concen: 129.70 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF087772.D

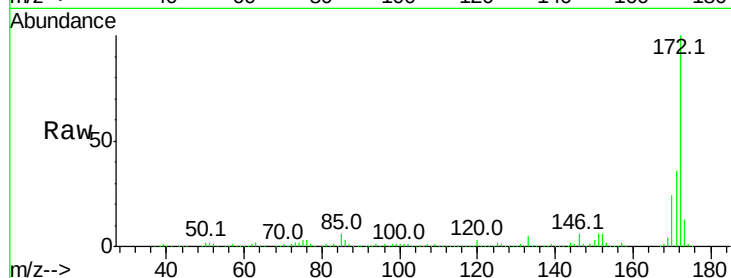
Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD



Tot Ion:172 Resp: 1121741

Ion Ratio Lower Upper

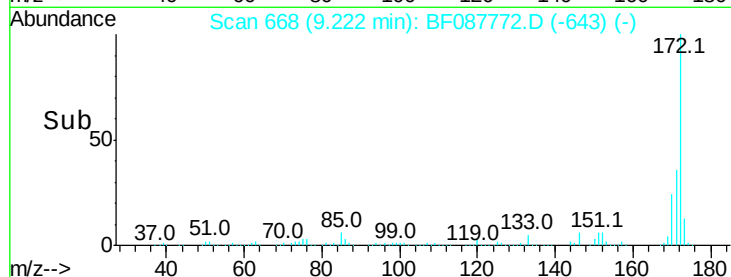
172 100

171 36.1 28.6 43.0

170 24.3 19.2 28.8

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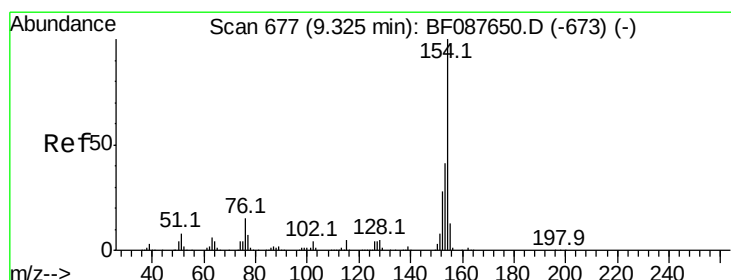
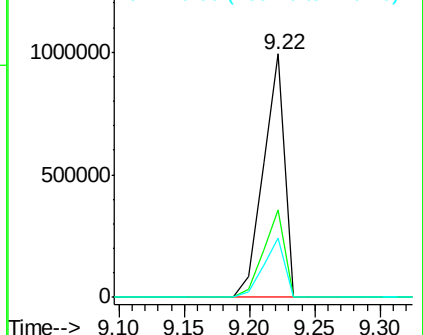
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 47.23 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

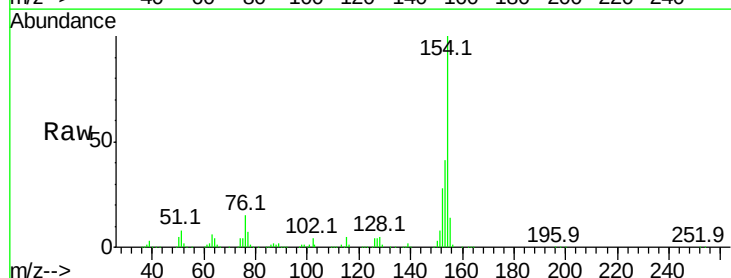
Tgt Ion:154 Resp: 614415

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

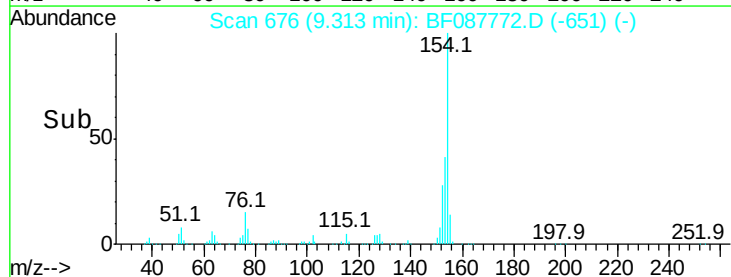
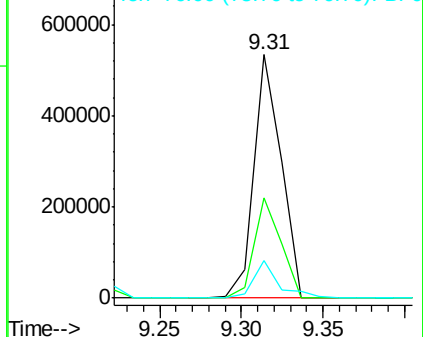
76 15.5 0.0 35.1

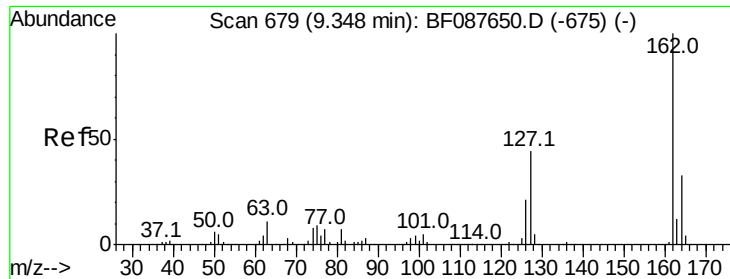


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





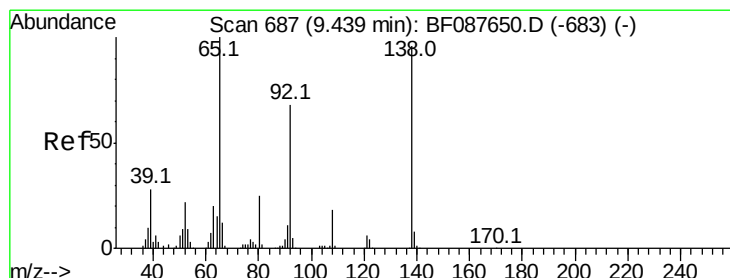
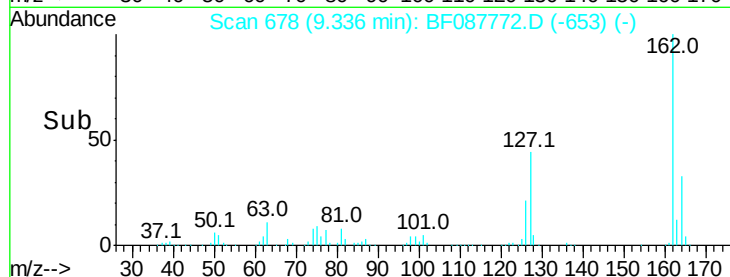
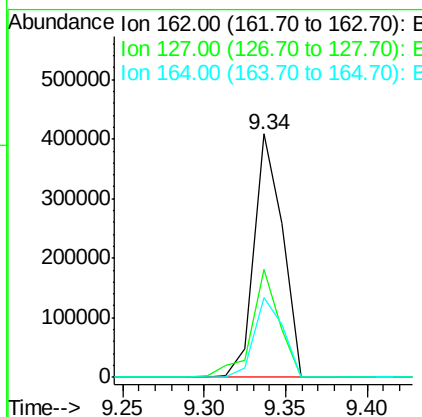
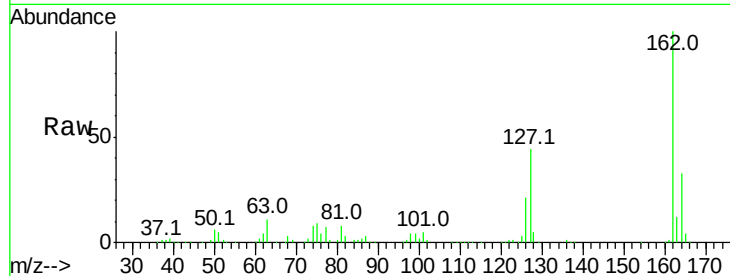
#46
2-Chloronaphthalene
Concen: 47.59 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	492790		
127	44.2	35.2	52.8	
164	33.0	26.6	39.8	

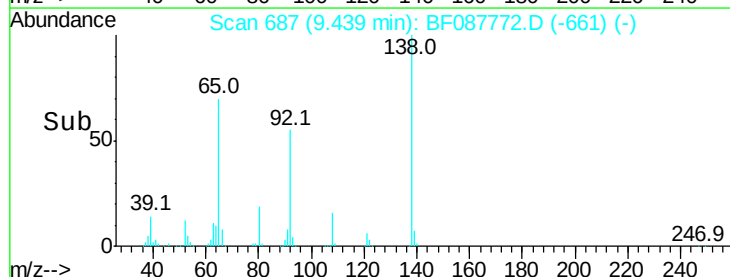
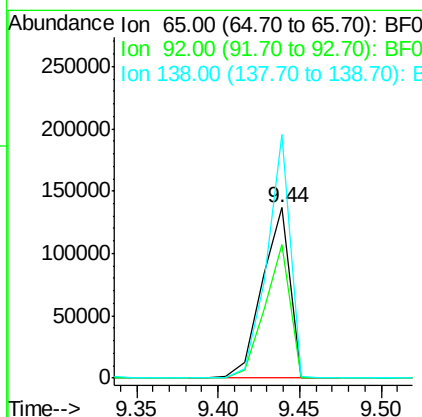
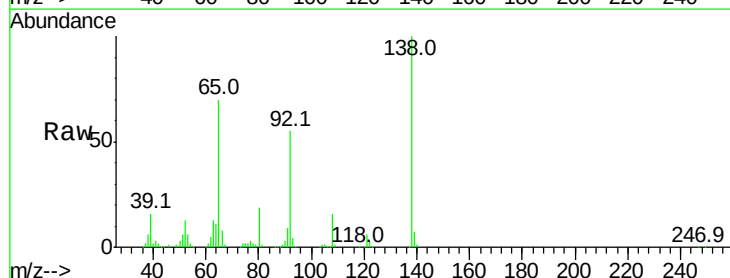
Manual Integrations
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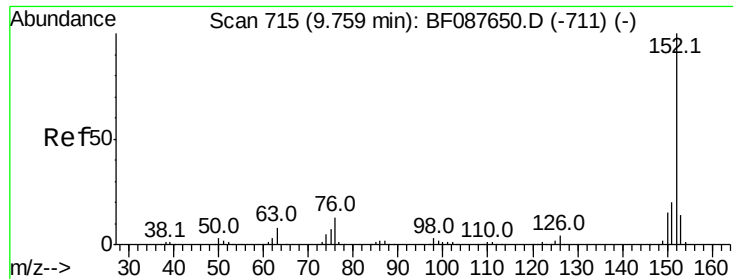
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#47
2-Nitroaniline
Concen: 55.23 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	161035		
92	78.8	54.6	82.0	
138	143.1	77.0	115.4#	





#48

Acenaphthylene

Concen: 48.42 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF087772.D

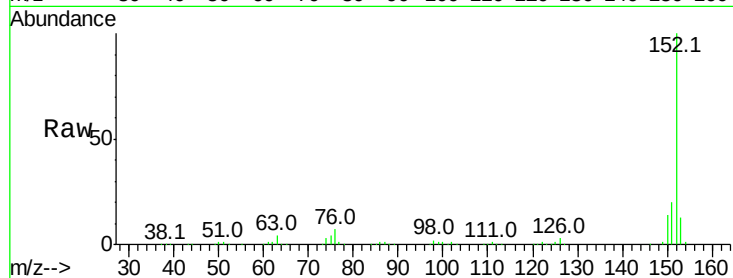
Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

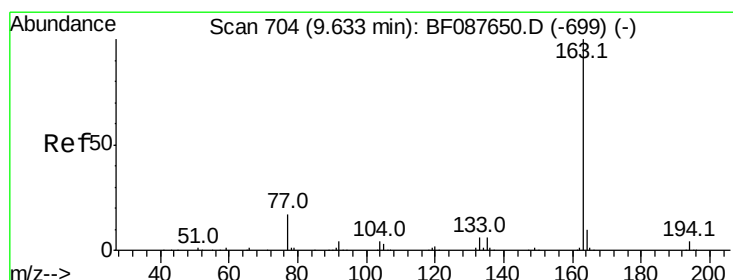
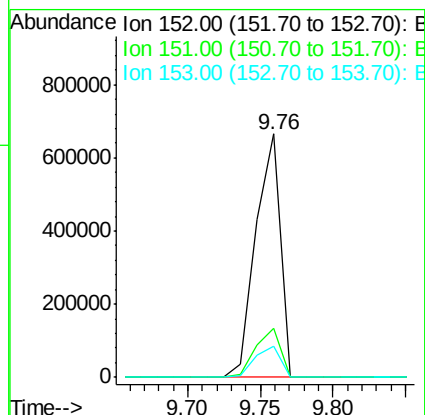
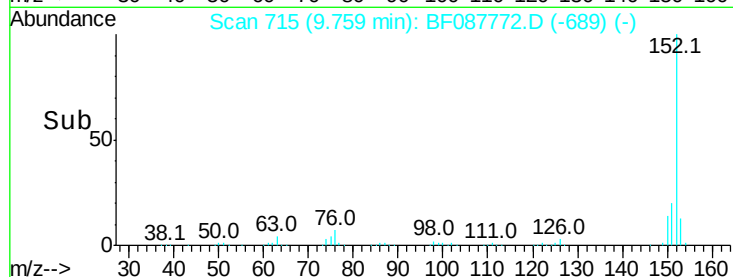
HSR-WC-49-060116MSD



Tot Ion	Ratio	Resp	Lower	Upper
152	100	781918		
151	20.0		16.2	24.4
153	12.8		11.0	16.6

Manual Integrations
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#49

Dimethylphthalate

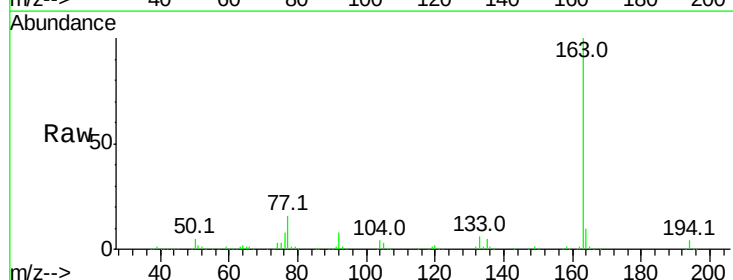
Concen: 56.83 ng

RT: 9.62 min Scan# 703

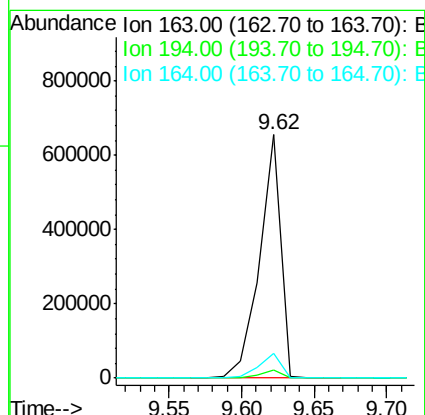
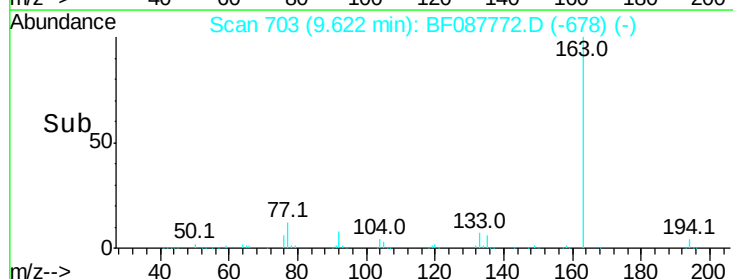
Delta R.T. -0.01 min

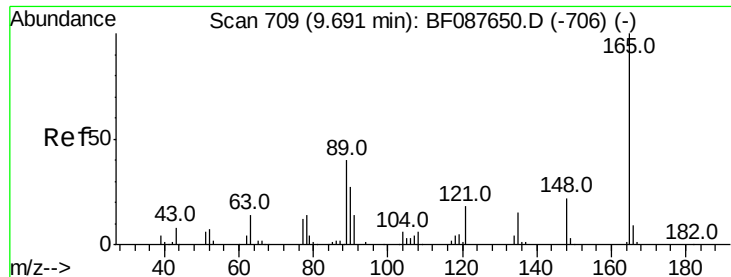
Lab File: BF087772.D

Acq: 7 Jun 2016 3:26



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	662251		
194	3.6		2.8	4.2
164	10.1		8.3	12.5





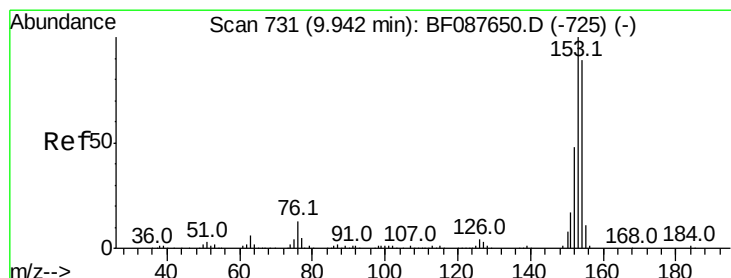
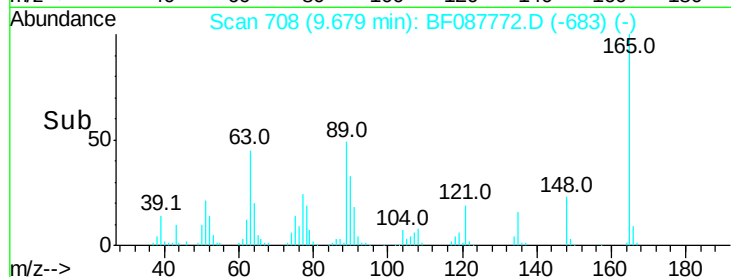
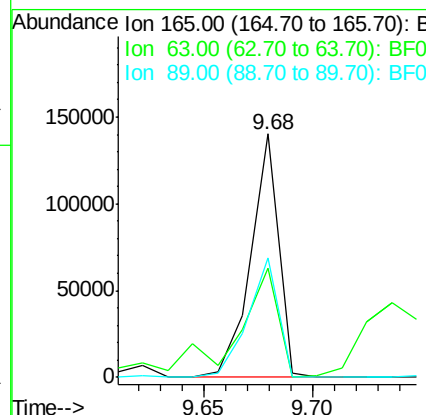
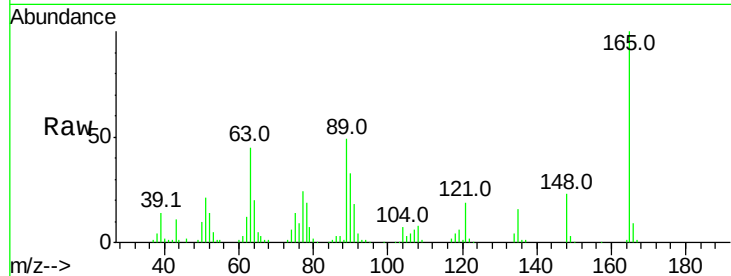
#50
2,6-Dinitrotoluene
Concen: 47.03 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	44.9	28.1	42.1#
89	48.9	32.2	48.2#

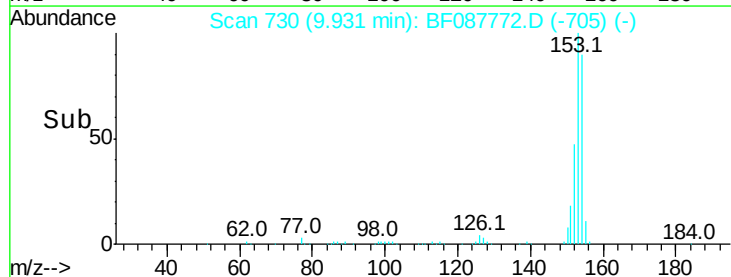
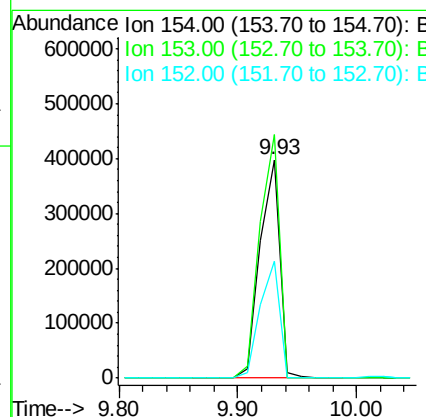
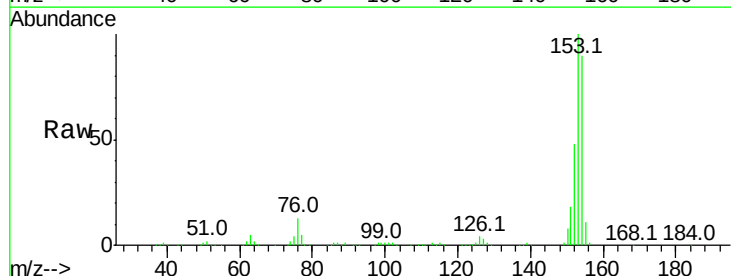
Manual Integrations
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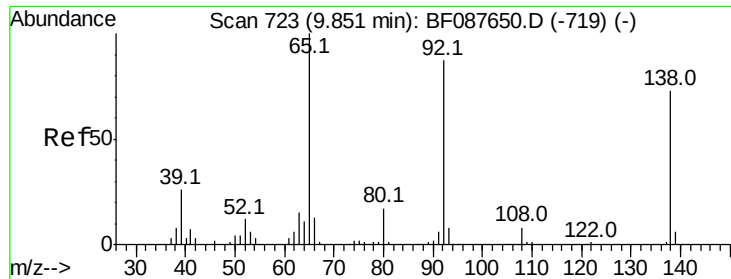
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#51
Acenaphthene
Concen: 44.86 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.6	89.5	134.3
152	53.4	42.7	64.1





#52

3-Nitroaniline

Concen: 35.42 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087772.D

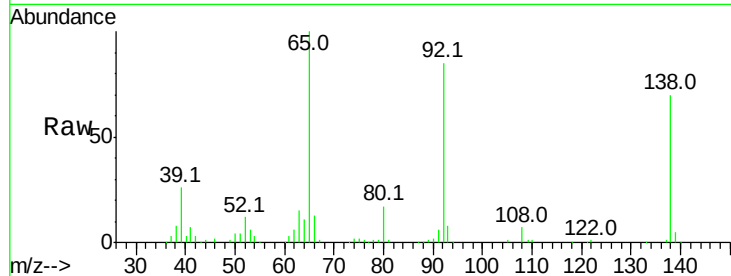
Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

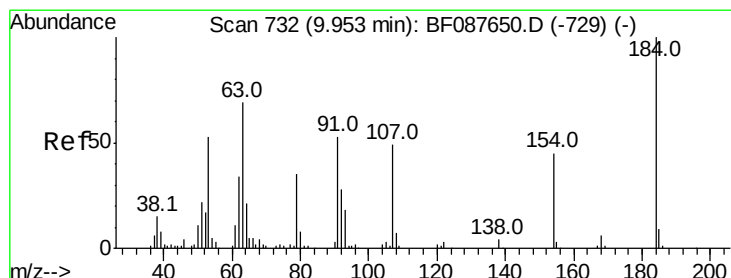
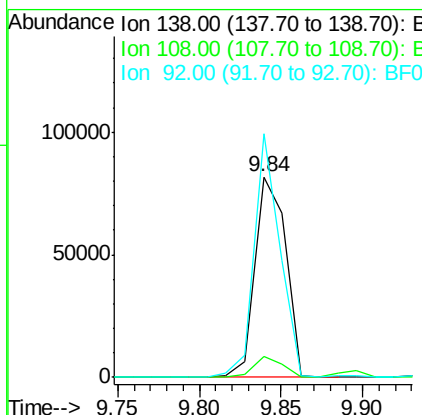
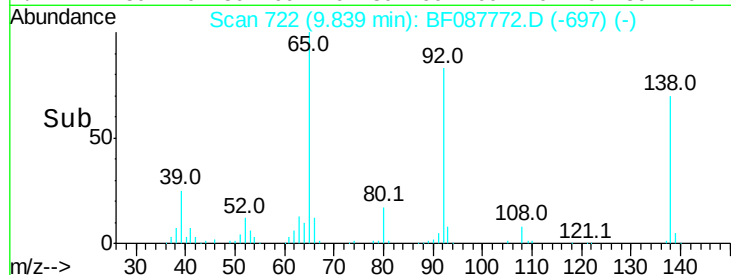
HSR-WC-49-060116MSD



Tot Ion	138	Resp	107421
Ion Ratio	100	Lower	Upper
138	100		
108	10.7	8.5	12.7
92	121.5	95.7	143.5

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#53

2,4-Dinitrophenol

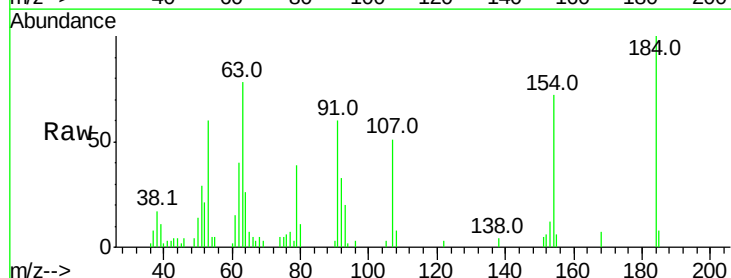
Concen: 14.87 ng

RT: 9.94 min Scan# 731

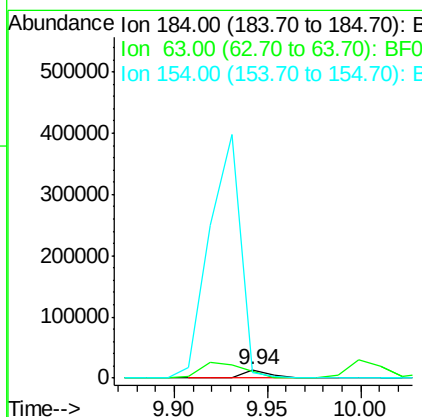
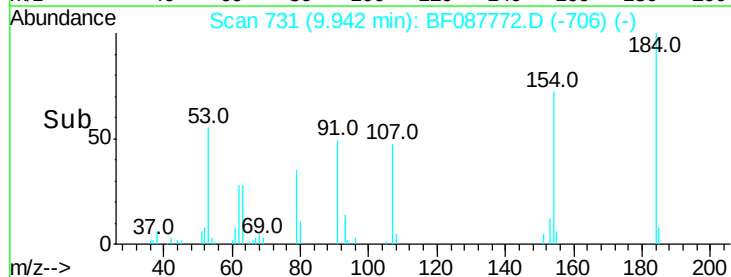
Delta R.T. -0.01 min

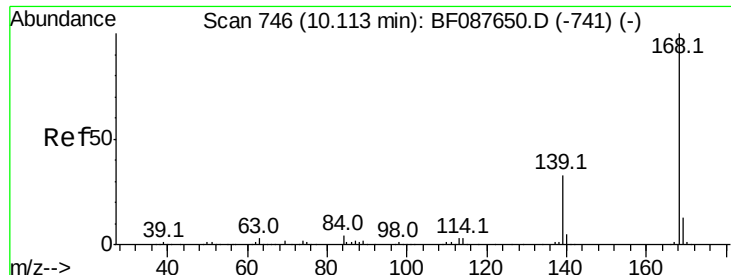
Lab File: BF087772.D

Acq: 7 Jun 2016 3:26



Tgt Ion	184	Resp	13901
Ion Ratio	100	Lower	Upper
184	100		
63	77.6	57.6	86.4
154	71.9	53.5	80.3





#54

Dibenzenofuran

Concen: 48.67 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

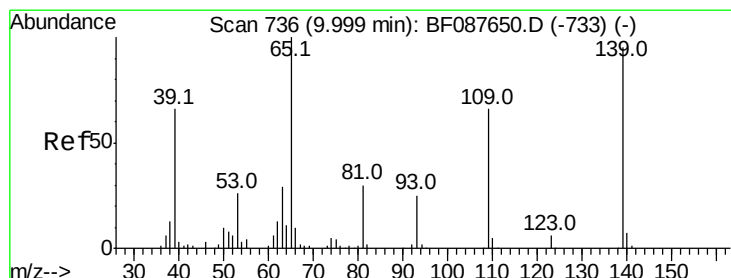
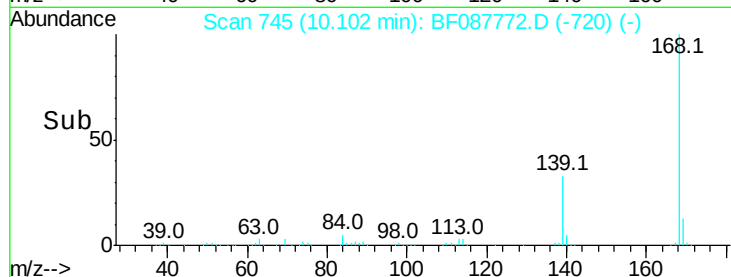
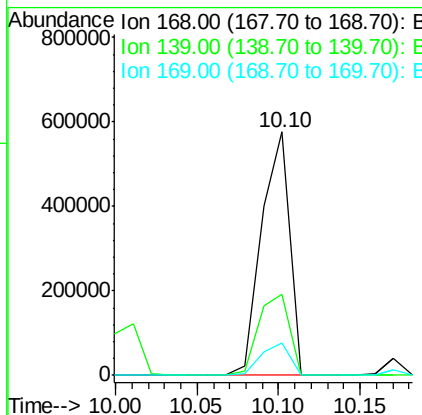
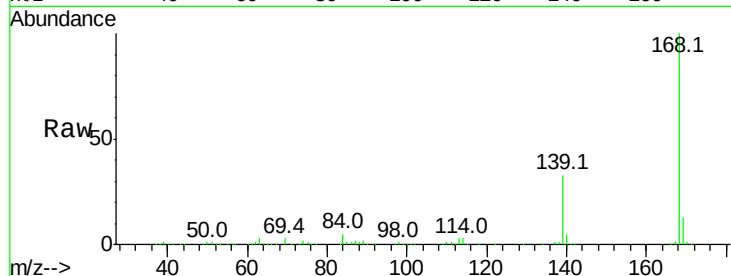
ClientSampleId :

HSR-WC-49-060116MSD

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Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	33.3	26.4	39.6	
169	13.2	10.4	15.6	



#55

4-Nitrophenol

Concen: 63.02 ng

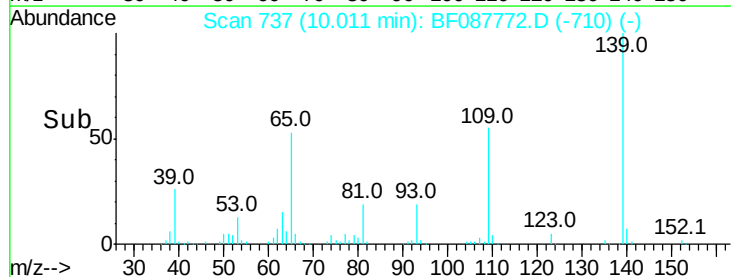
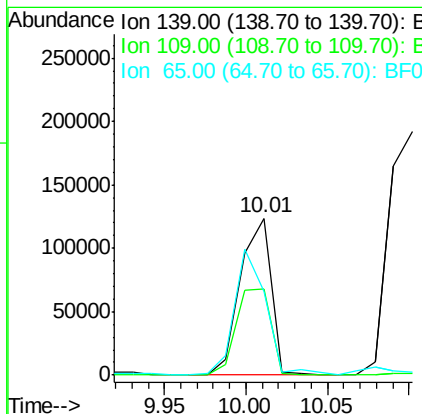
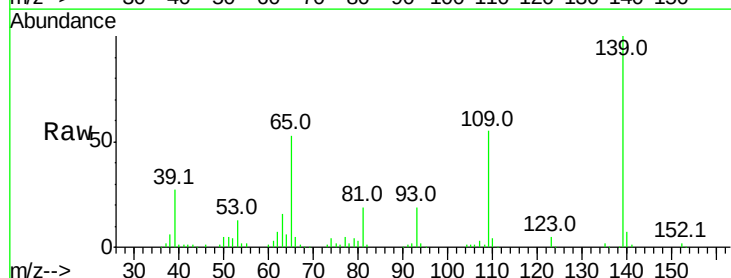
RT: 10.01 min Scan# 737

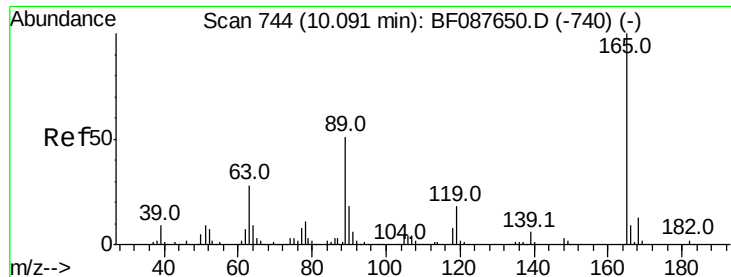
Delta R.T. 0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.1	48.9	88.9	
65	53.1	84.9	124.9	





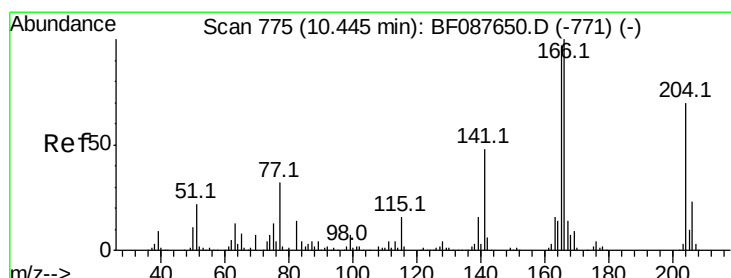
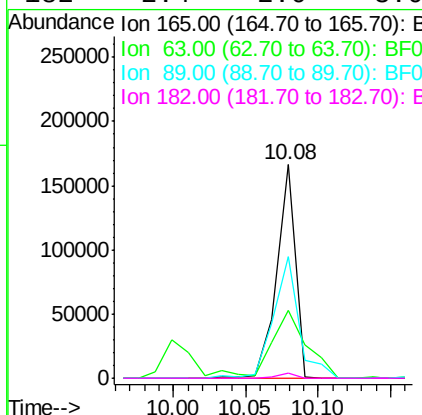
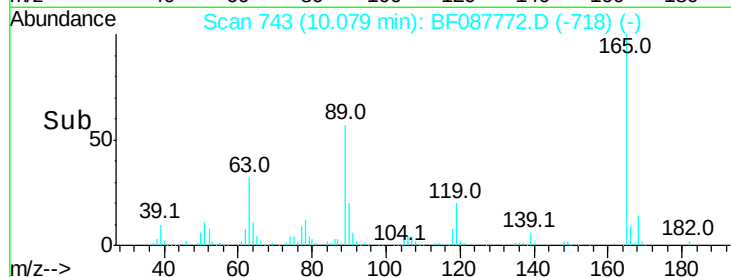
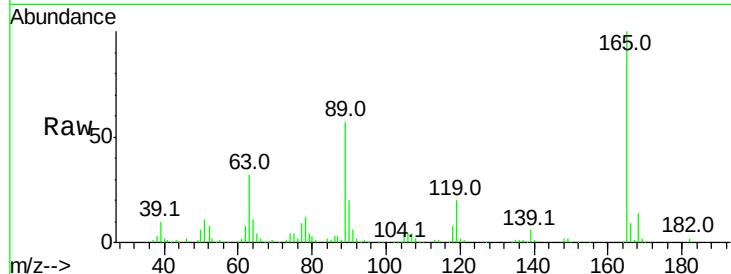
#56
2,4-Dinitrotoluene
Concen: 44.25 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	149415		
63	31.7	22.0	33.0	
89	57.1	41.1	61.7	
182	2.4	2.0	3.0	

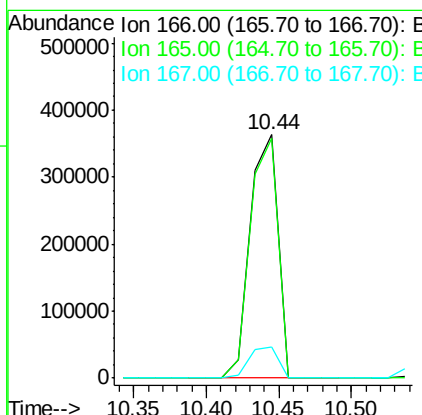
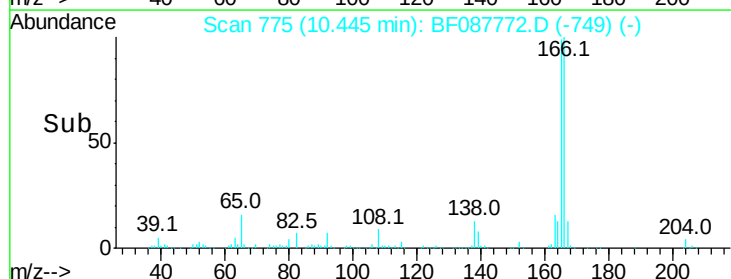
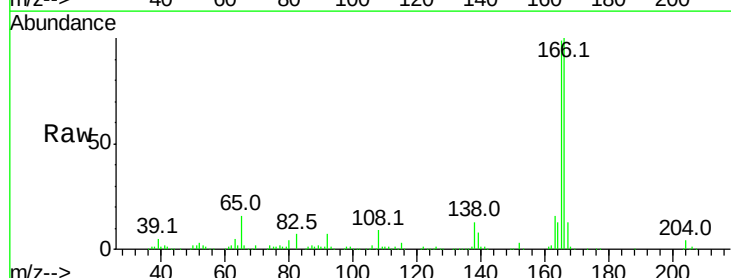
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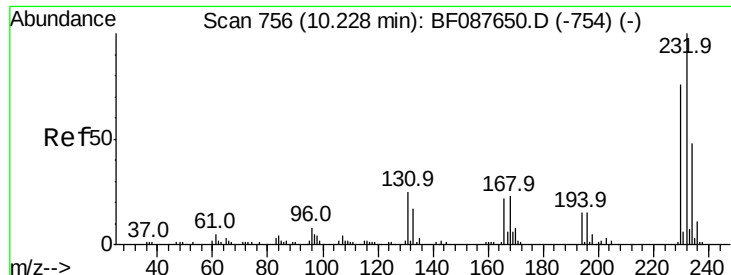
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#57
Fluorene
Concen: 43.57 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	481847		
165	98.6	77.8	116.8	
167	12.6	11.2	16.8	





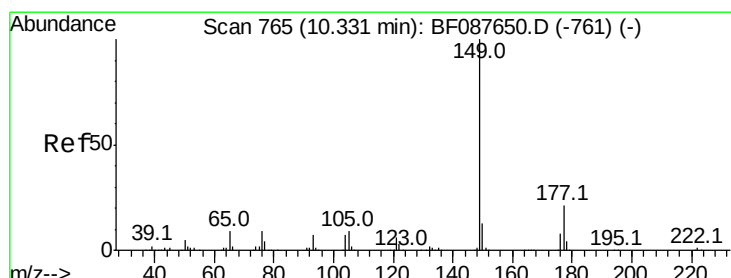
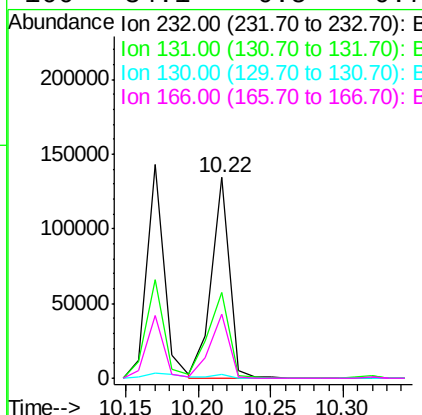
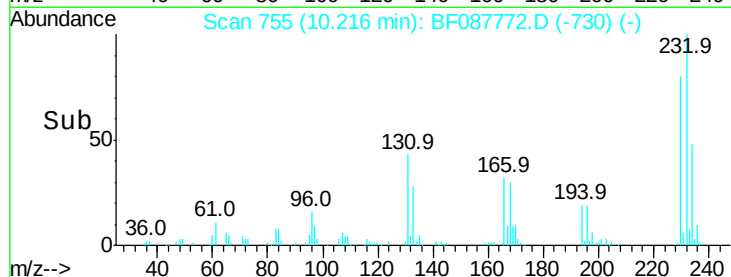
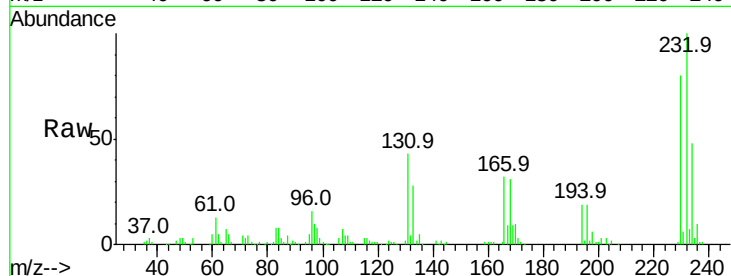
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.46 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	116255		
131	49.7	0.9	1.3#	
130	0.0	1.5	2.3#	
166	34.1	0.5	0.7#	

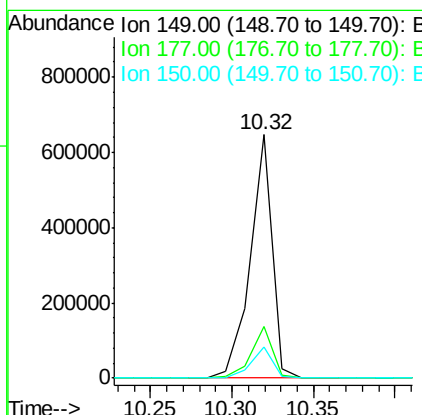
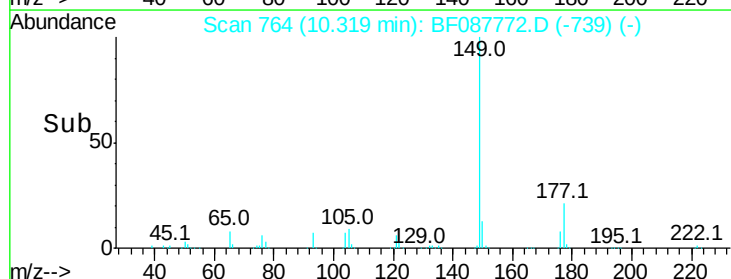
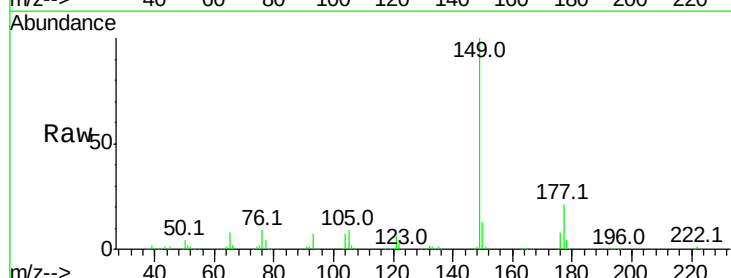
Manual Integrations
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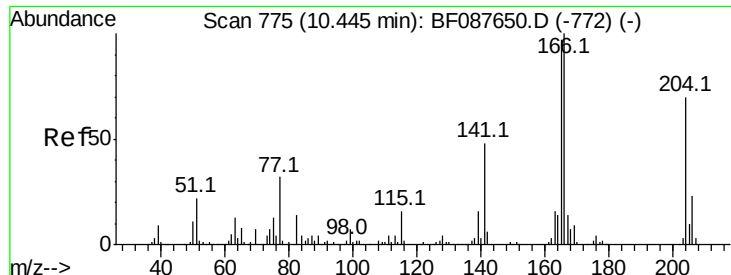
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#59
 Diethylphthalate
 Concen: 51.29 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	600300		
177	21.0	16.9	25.3	
150	12.8	10.1	15.1	





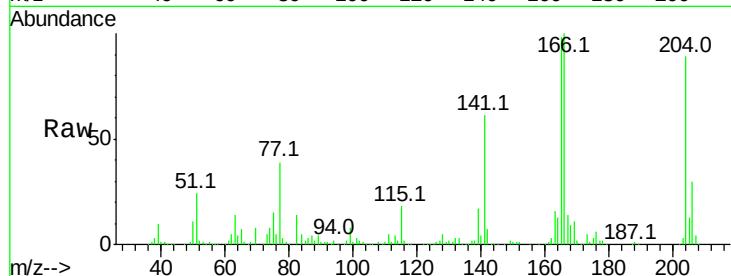
#60
 4-Chlorophenyl-phenylether
 Concen: 61.89 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

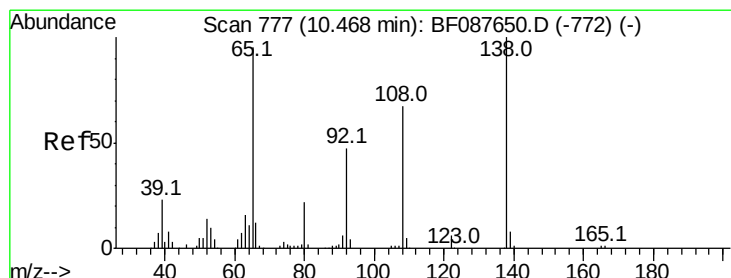
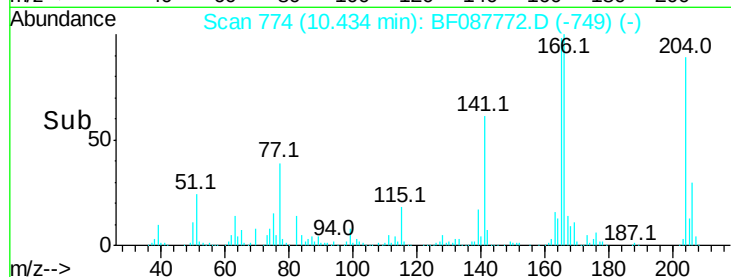
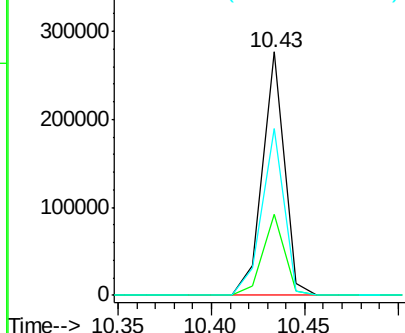
Tot Ion:	204	Resp:	222992
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.3	39.5
141	68.7	55.0	82.6

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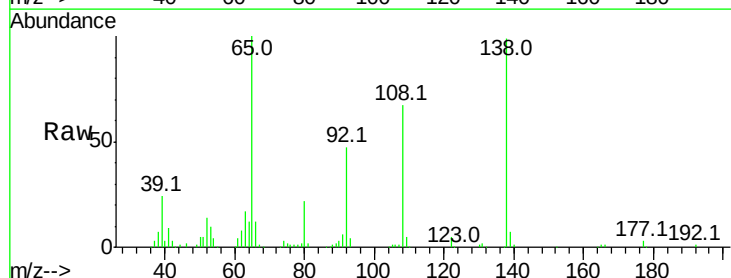


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

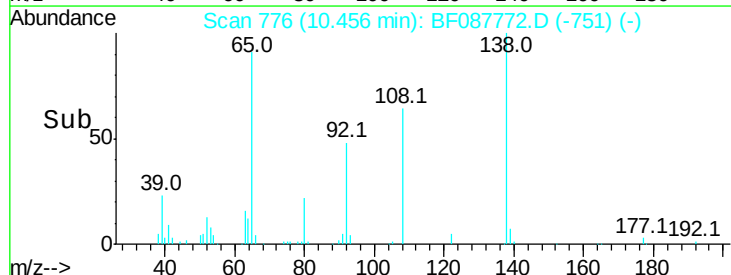
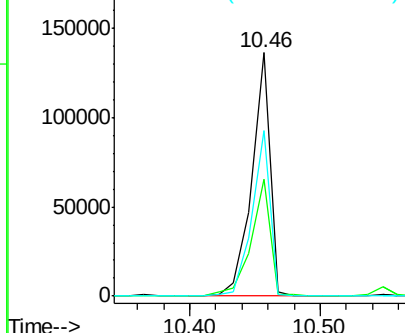


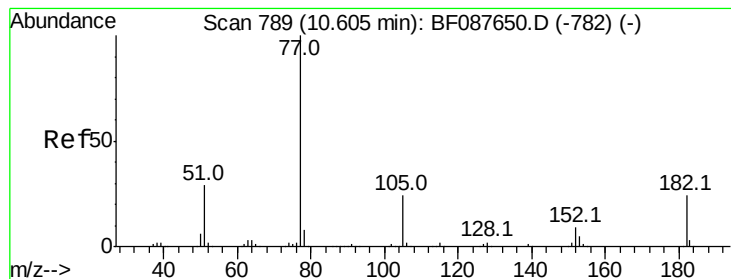
#61
 4-Nitroaniline
 Concen: 45.98 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion:	138	Resp:	134058
Ion Ratio	Lower	Upper	
138	100		
92	47.9	27.3	67.3
108	68.0	46.7	86.7



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





#62

Azobenzene

Concen: 46.95 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF087772.D

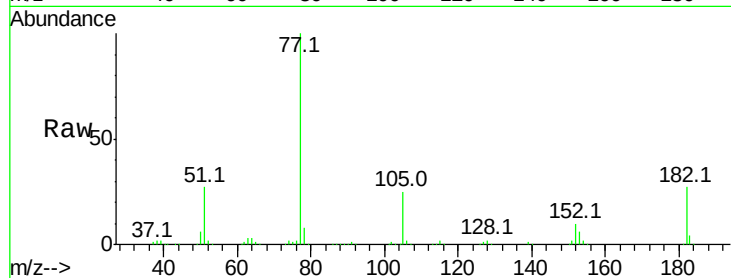
Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

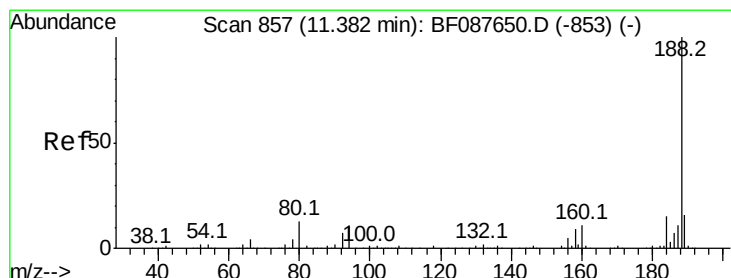
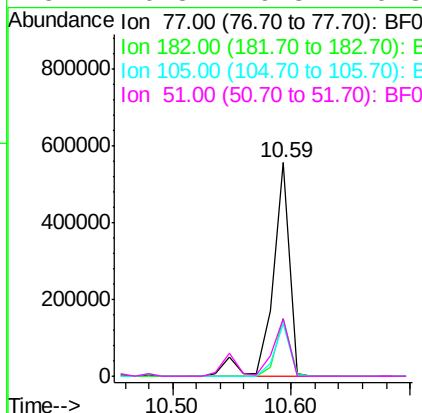
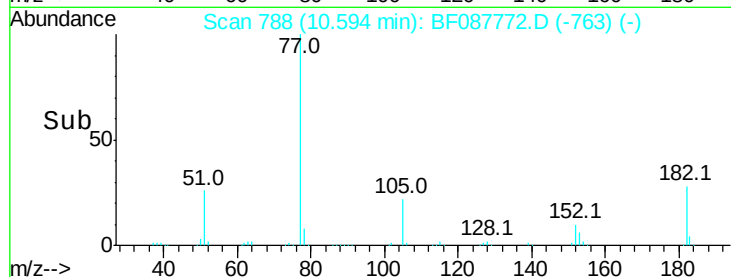
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.2	4.4	44.4		
105	24.7	3.8	43.8		
51	26.8	9.3	49.3		

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#63

Phenanthrene-d10

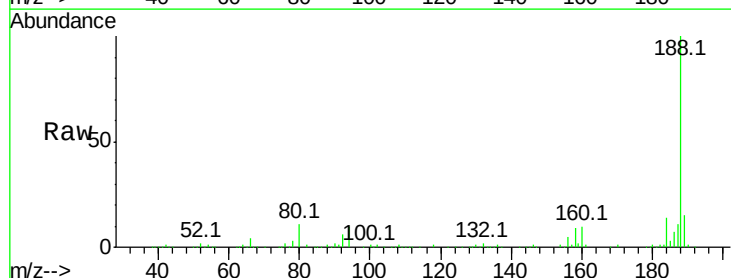
Concen: 20.00 ng

RT: 11.37 min Scan# 856

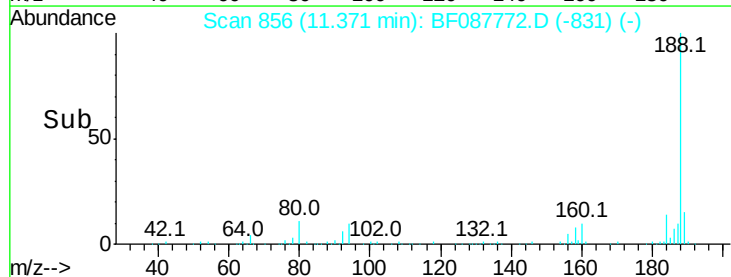
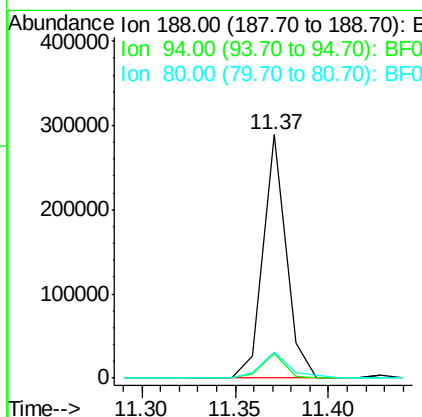
Delta R.T. -0.01 min

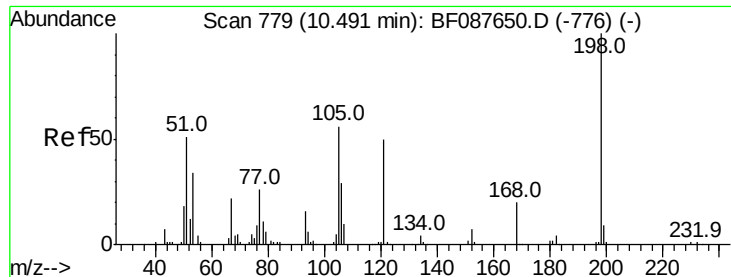
Lab File: BF087772.D

Acq: 7 Jun 2016 3:26



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.3	9.0	13.6		
80	10.9	10.0	15.0		





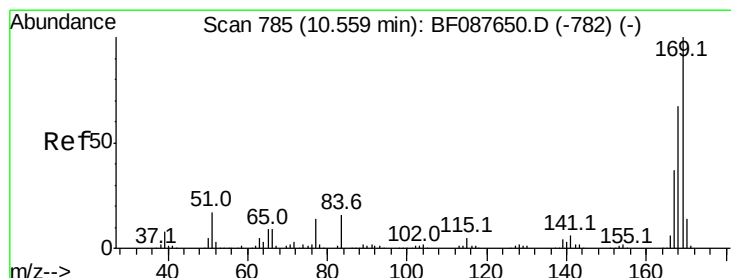
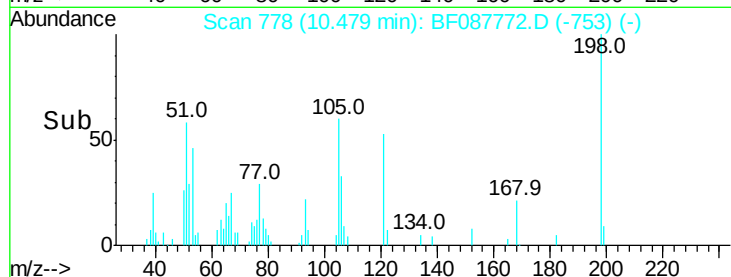
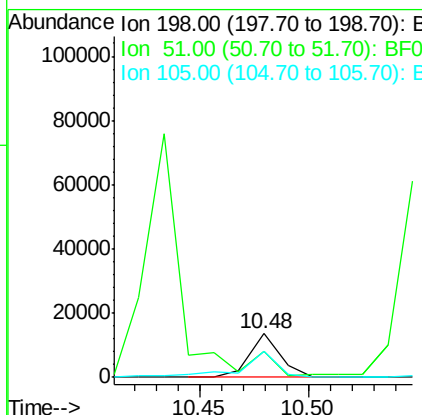
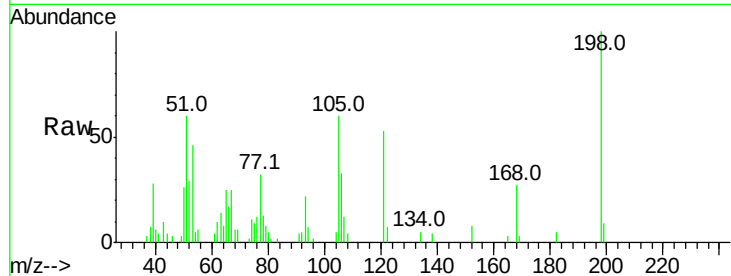
#64
4,6-Dinitro-2-methylphenol
Concen: 11.25 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	13168		
51	60.4	39.6	79.6	
105	59.8	36.6	76.6	

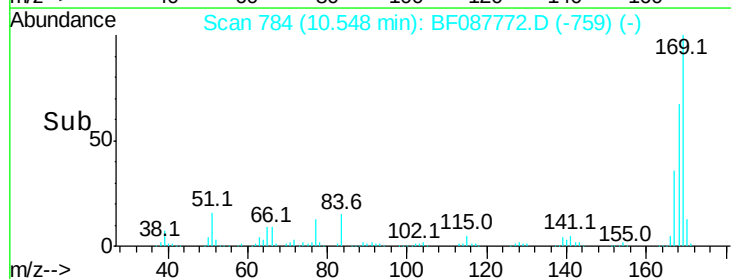
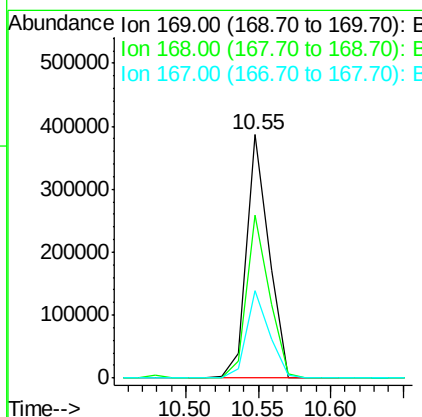
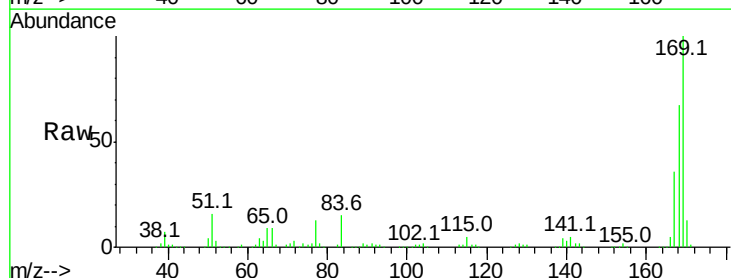
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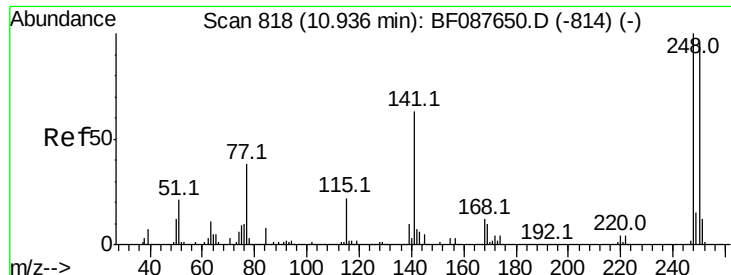
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#65
n-Nitrosodiphenylamine
Concen: 51.26 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	412667		
168	67.2	53.4	80.0	
167	36.0	29.4	44.0	





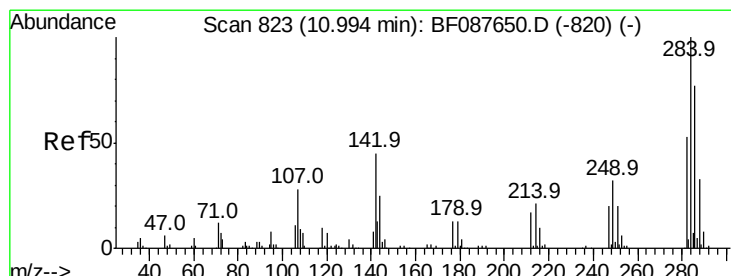
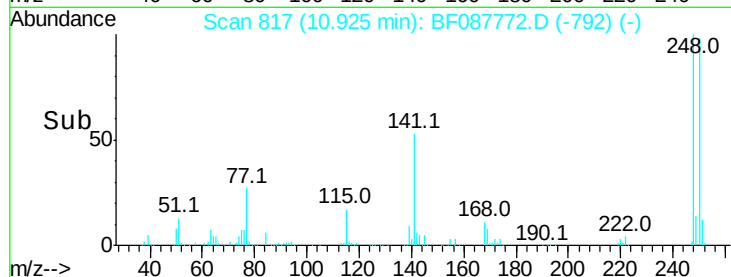
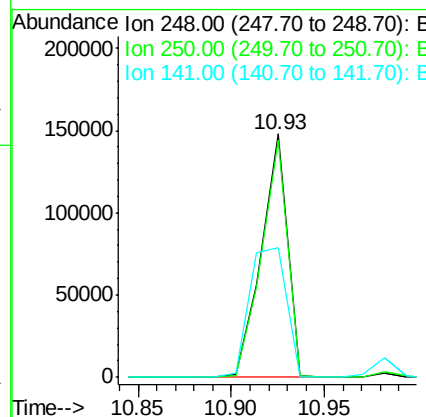
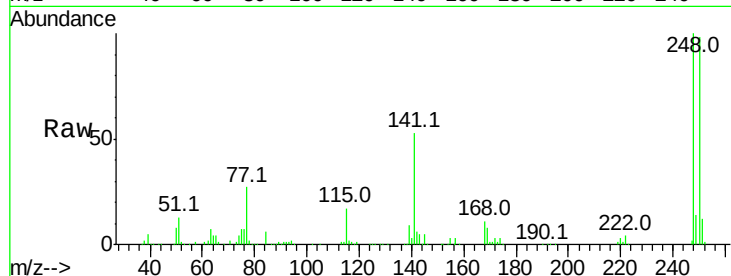
#66
4-Bromophenyl-phenylether
Concen: 58.27 ng
RT: 10.93 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.1	115.7
141	53.3	50.6	76.0

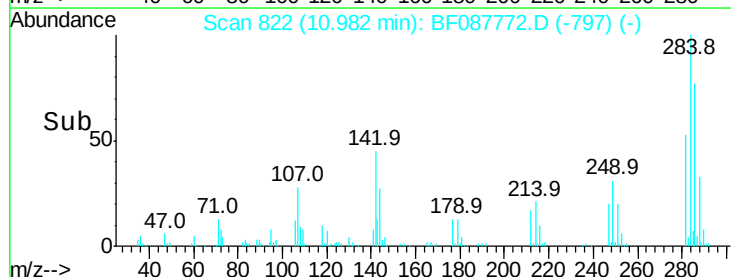
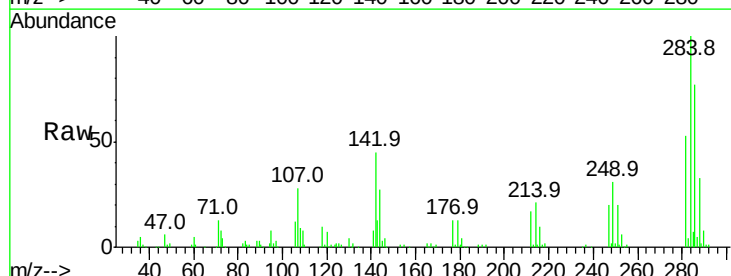
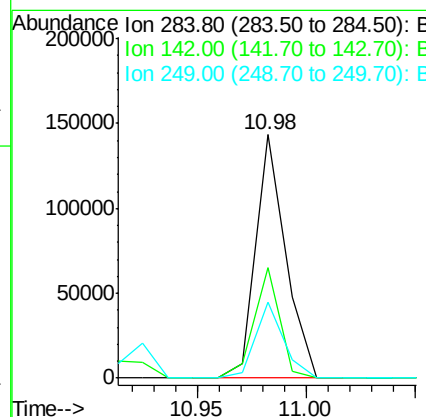
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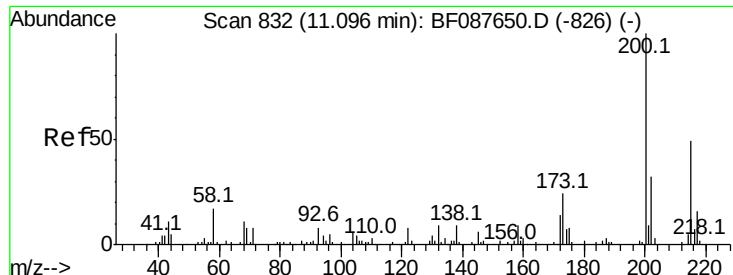
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#67
Hexachlorobenzene
Concen: 50.16 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.3	35.8	53.8
249	31.0	25.8	38.6





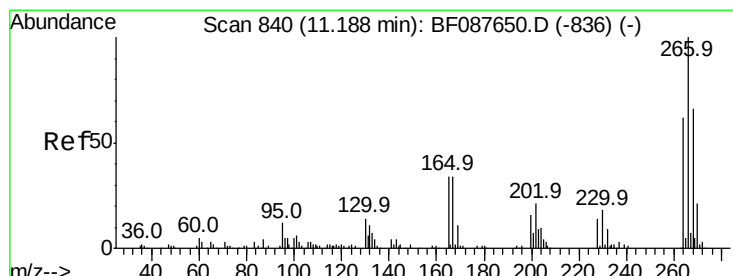
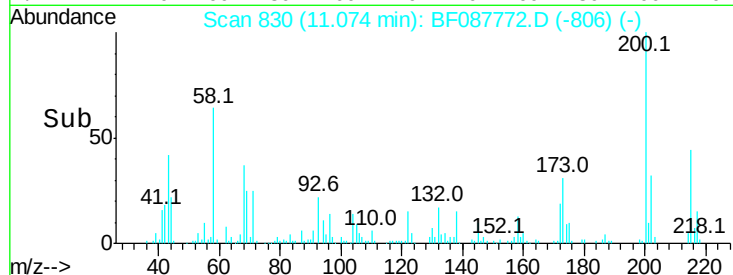
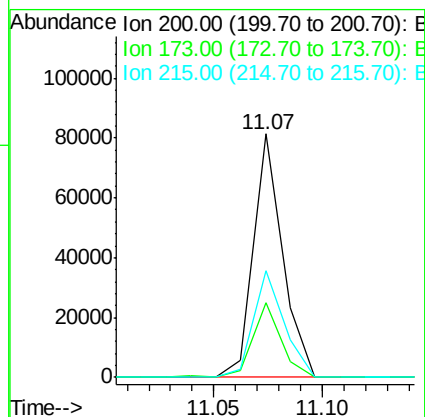
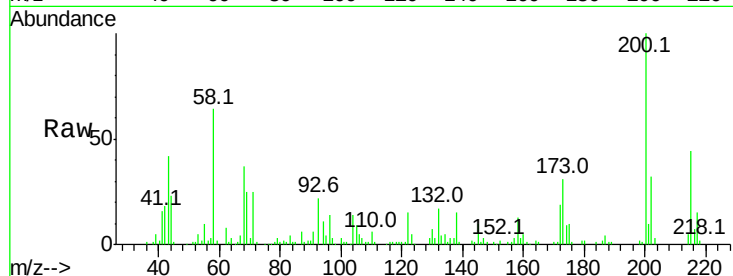
#68
 Atrazine
 Concen: 31.78 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.6	4.0	44.0
215	43.7	29.3	69.3

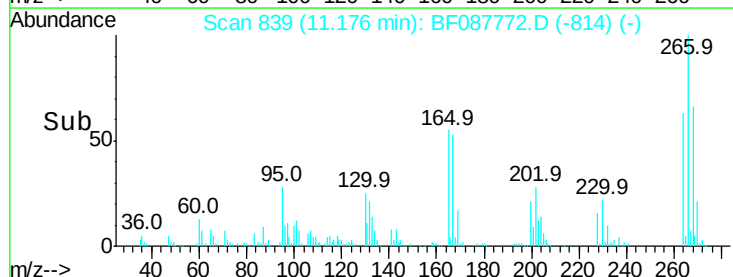
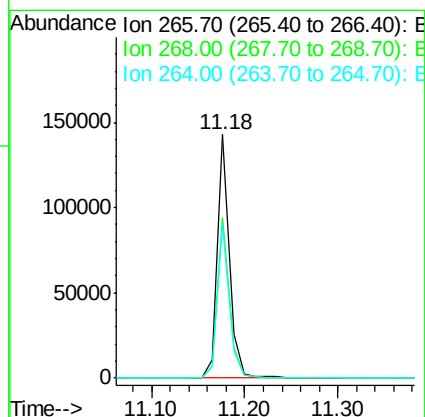
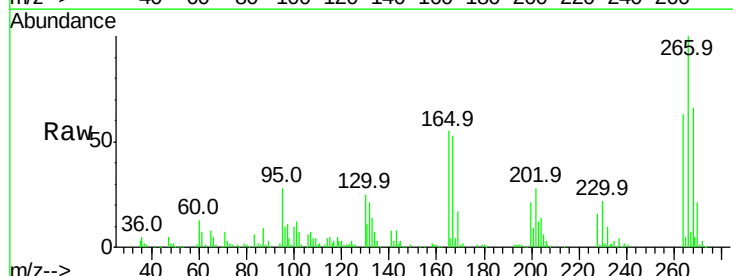
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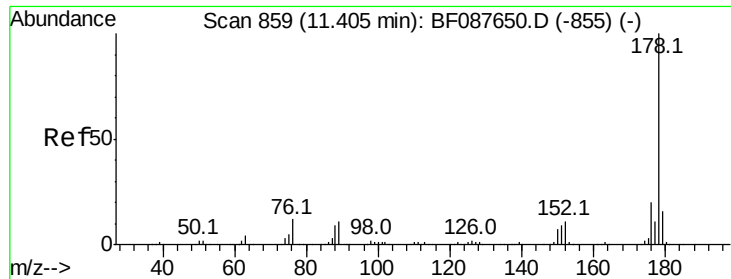
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#69
 Pentachlorophenol
 Concen: 78.81 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	52.8	79.2
264	63.0	49.6	74.4





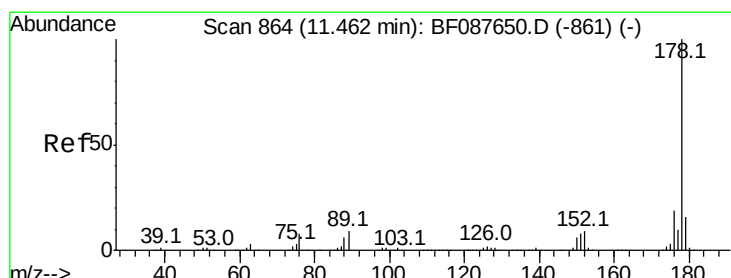
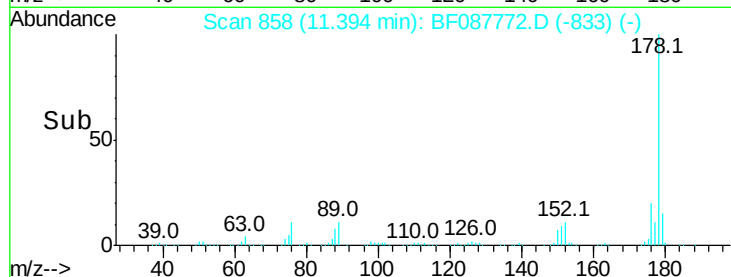
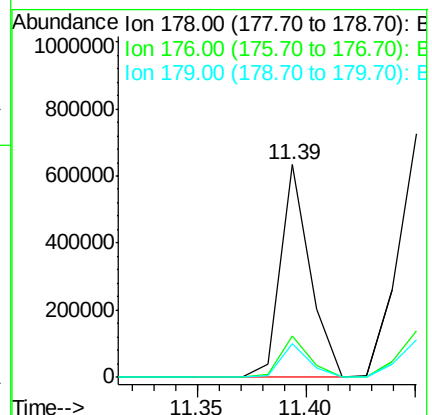
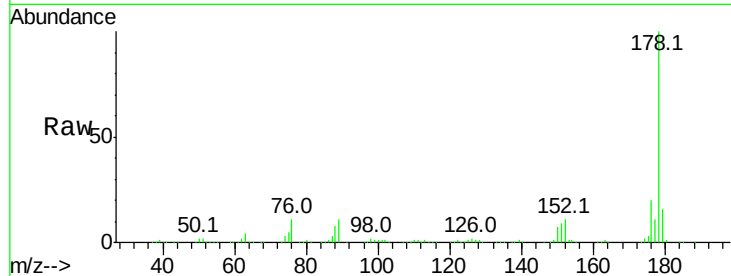
#70
Phenanthrene
Concen: 45.24 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.8	13.0	19.4

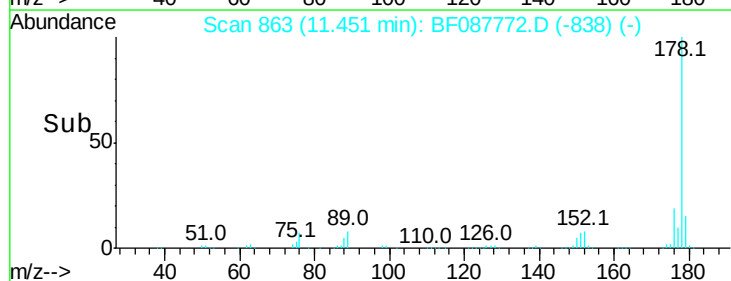
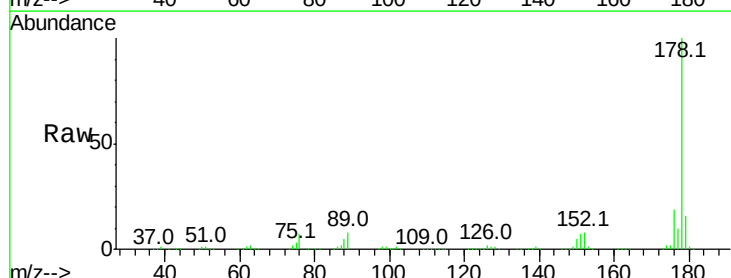
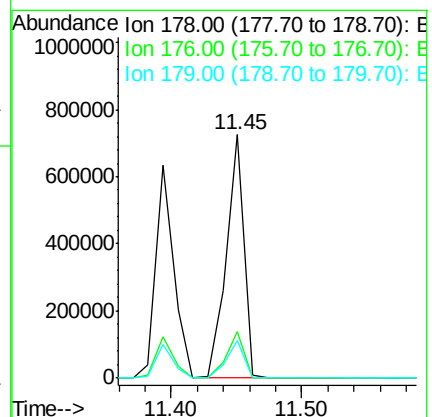
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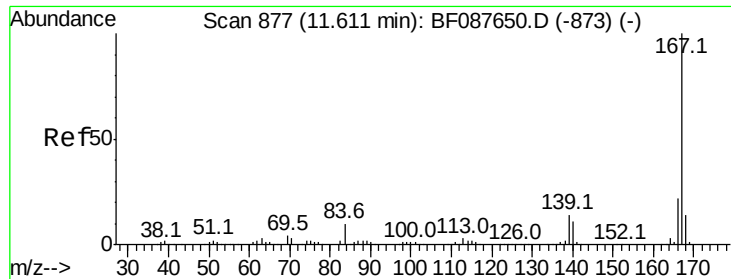
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#71
Anthracene
Concen: 51.61 ng
RT: 11.45 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.5	12.8	19.2





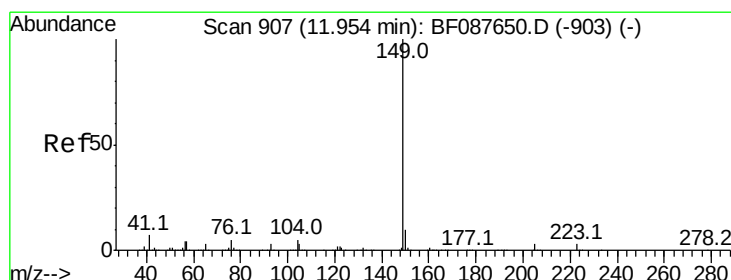
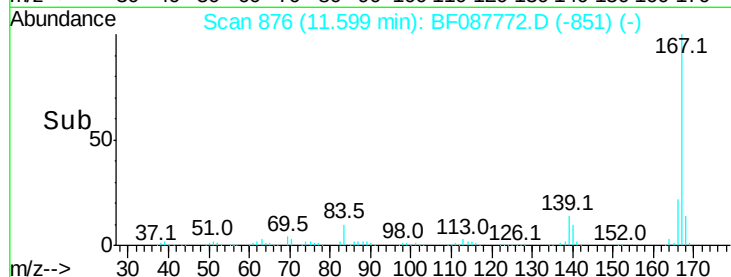
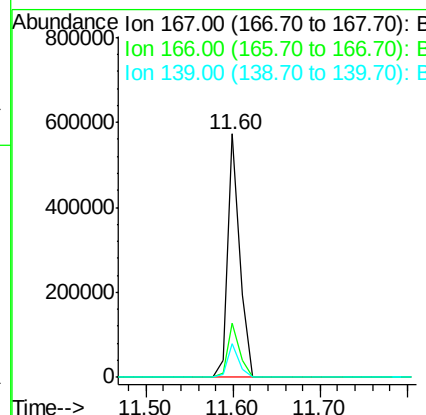
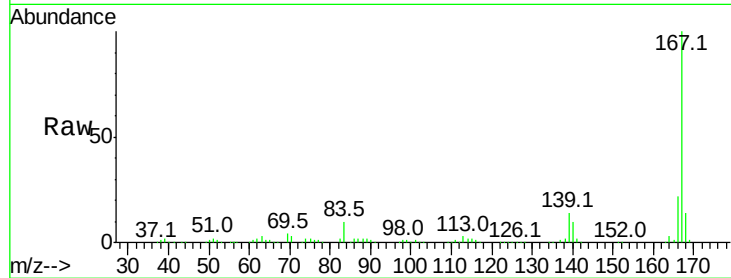
#72
 Carbazole
 Concen: 44.18 ng
 RT: 11.60 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.0	17.8	26.6	
139	14.0	11.2	16.8	

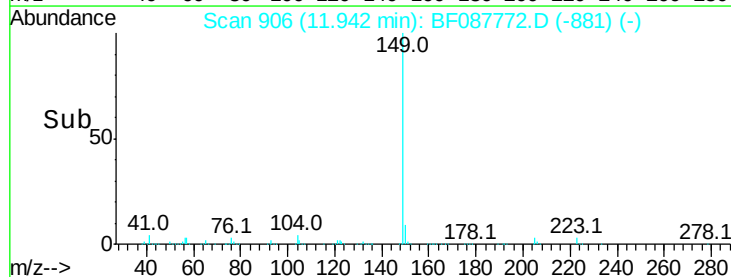
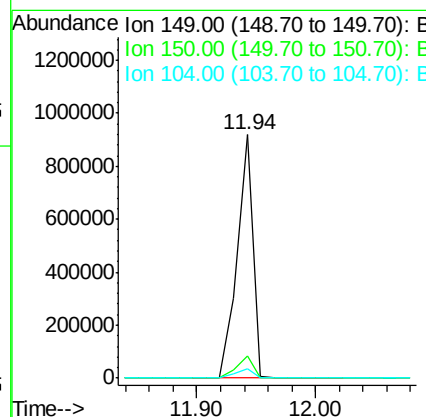
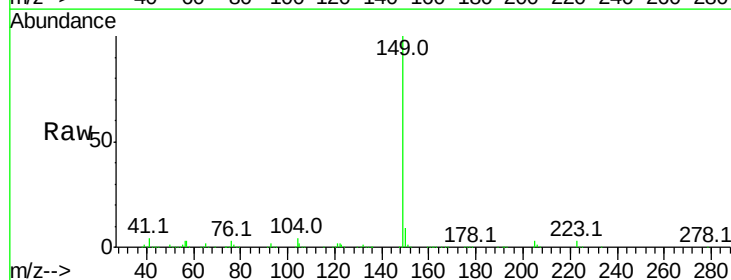
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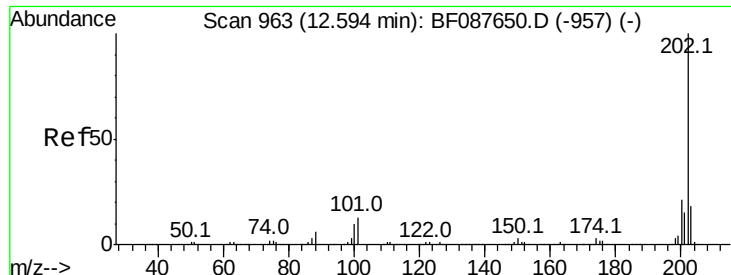
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#73
 Di-n-butylphthalate
 Concen: 62.50 ng
 RT: 11.94 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.8	11.6	
104	4.1	4.0	6.0	





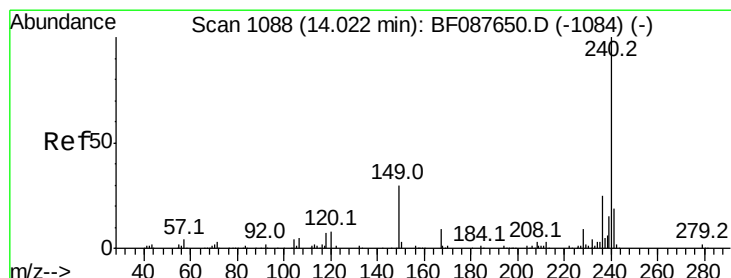
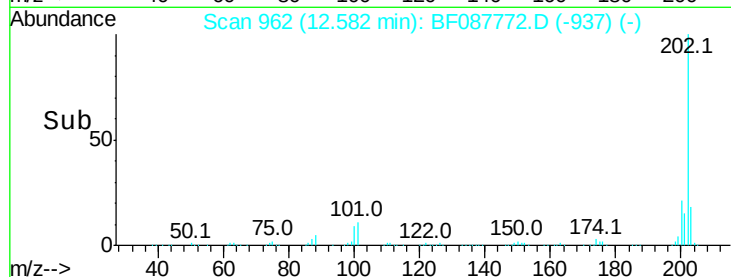
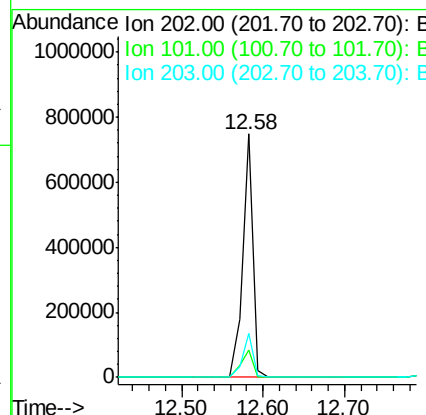
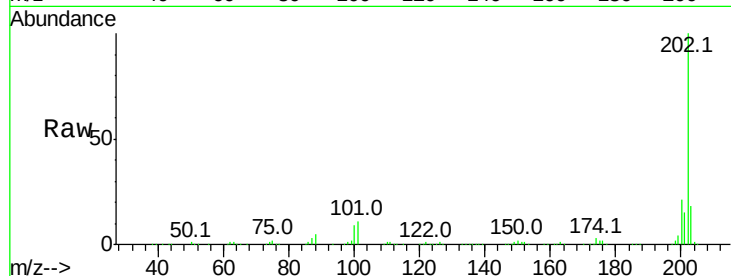
#74
 Fluoranthene
 Concen: 49.99 ng
 RT: 12.58 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	33.1
203	17.8	0.0	38.1

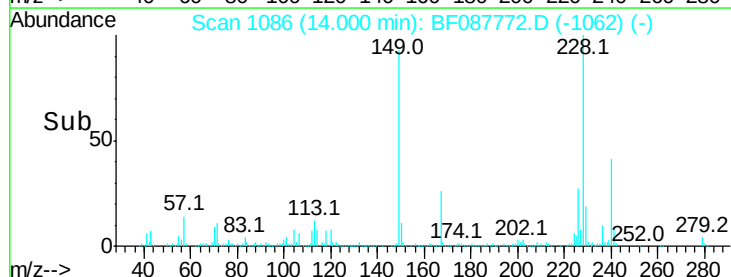
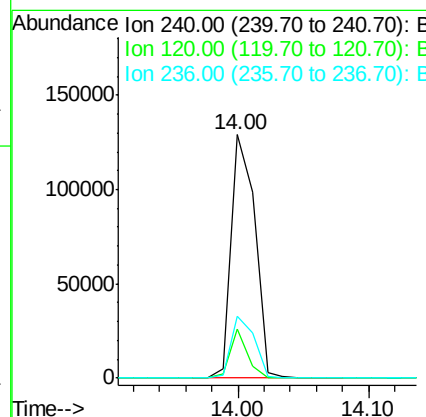
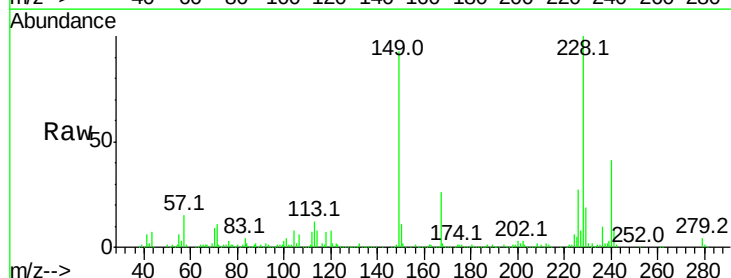
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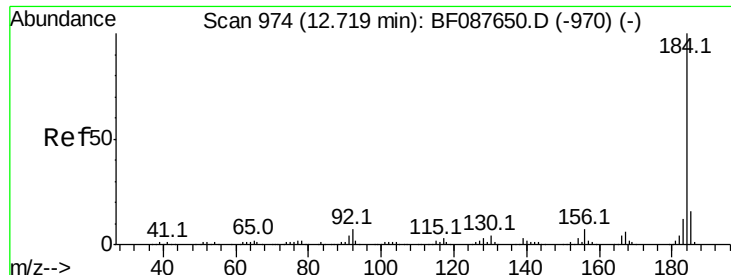
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

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





#76

Benzidine

Concen: 16.04 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

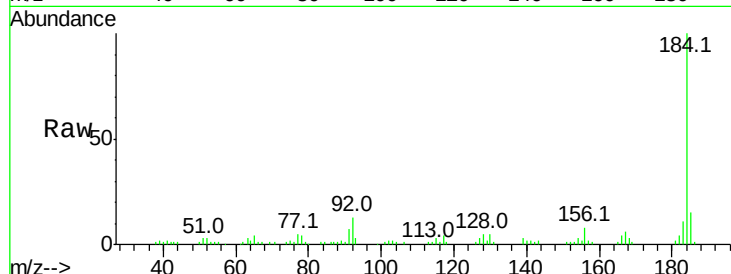
ClientSampleId :

HSR-WC-49-060116MSD

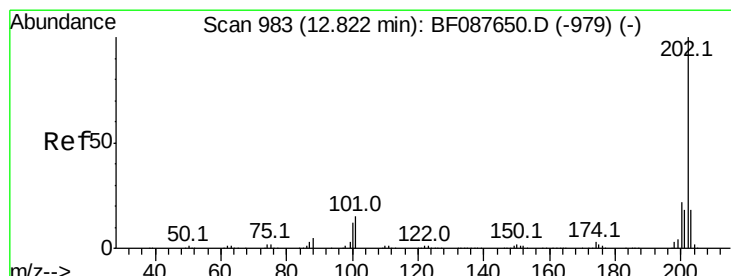
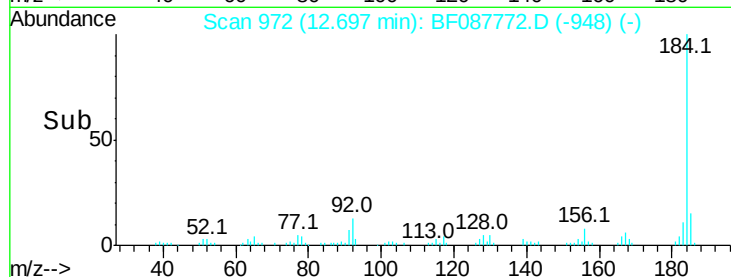
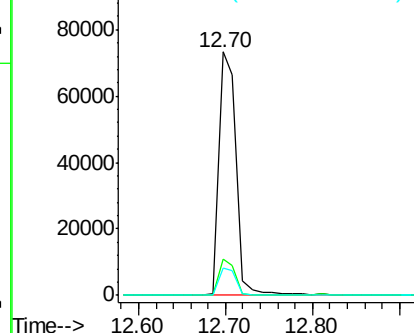
Manual Integrations
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Tot Ion	184	Resp	102958
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.5	18.7
183	11.4	9.3	13.9



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: 58.40 ng

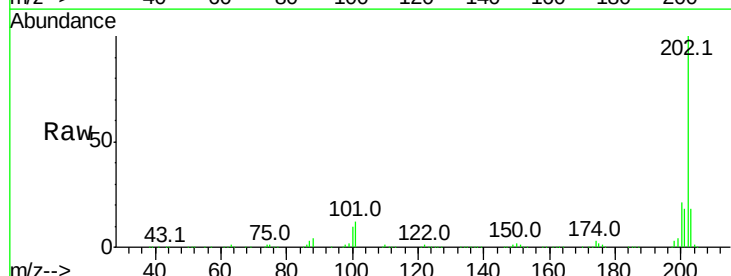
RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

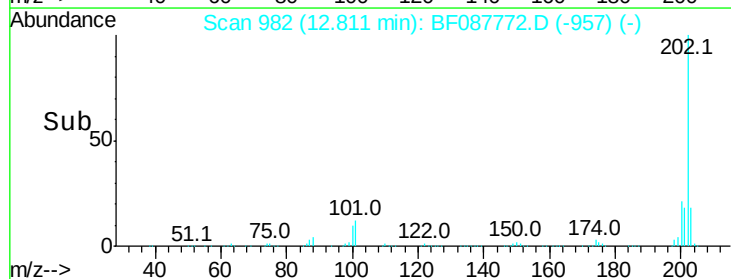
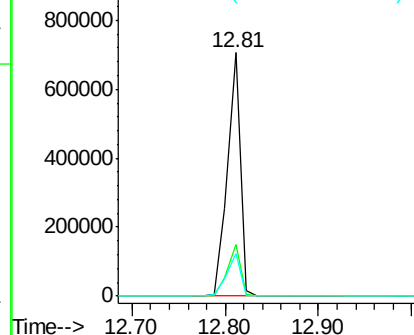
Lab File: BF087772.D

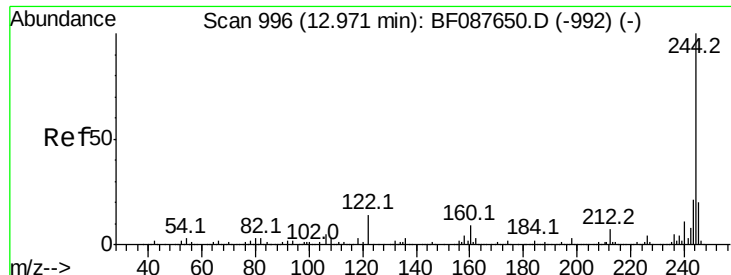
Acq: 7 Jun 2016 3:26

Tgt Ion	202	Resp	676798
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.6	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





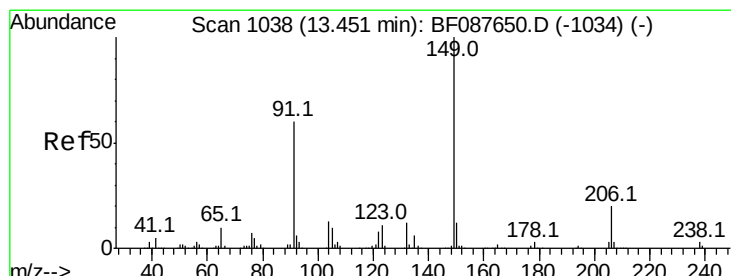
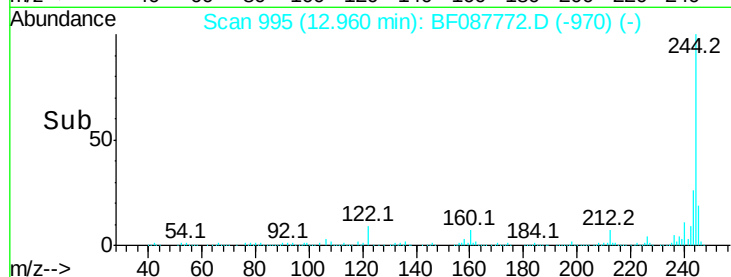
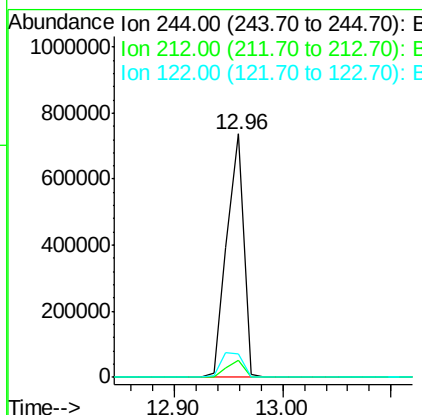
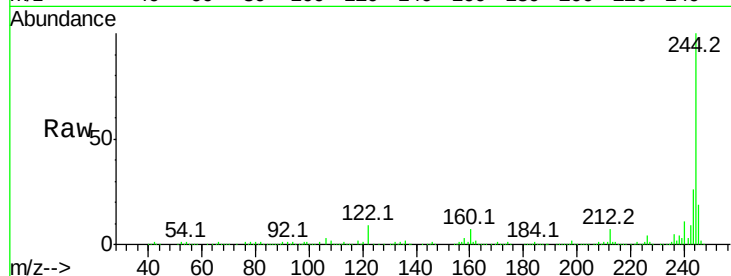
#78
 Terphenyl-d14
 Concen: 118.60 ng
 RT: 12.96 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	6.0	9.0
122	9.4	11.2	16.8

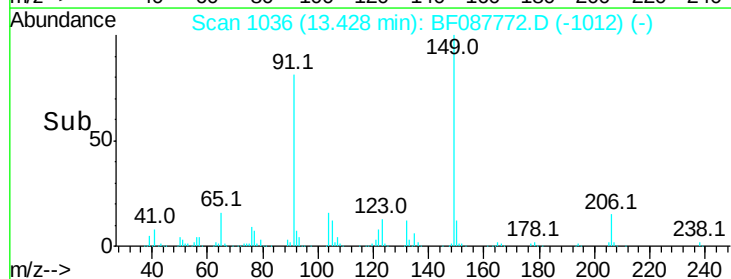
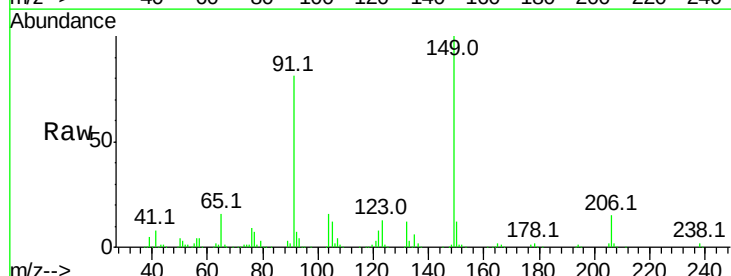
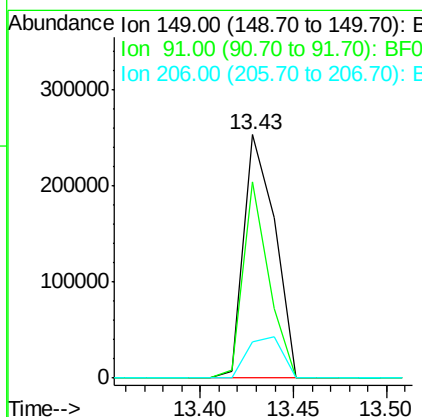
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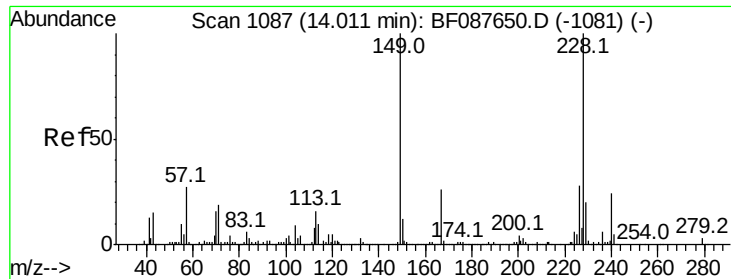
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#79
 Butylbenzylphthalate
 Concen: 59.58 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	80.7	48.0	72.0
206	14.7	16.0	24.0





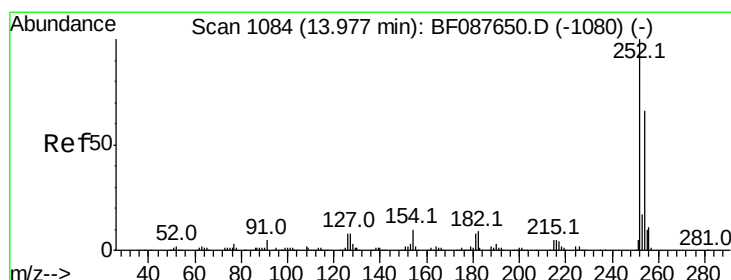
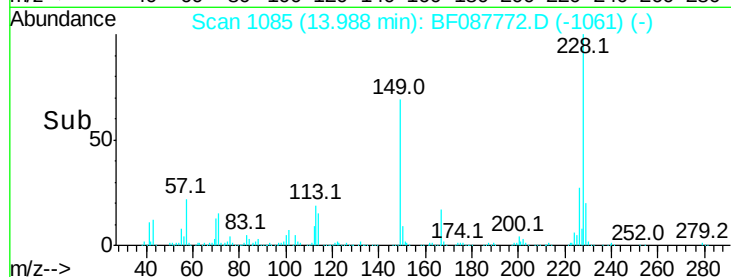
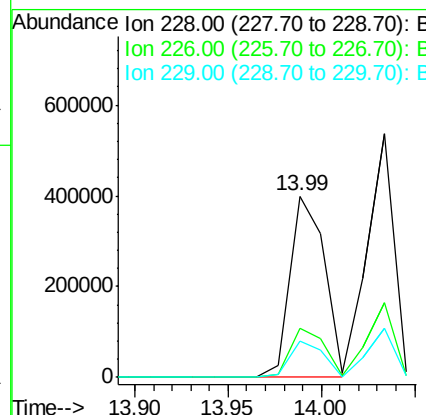
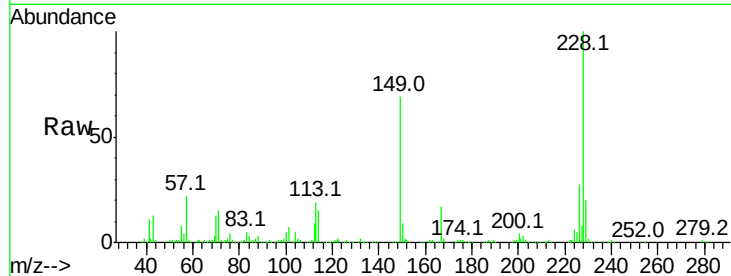
#80
Benzo(a)anthracene
Concen: 55.11 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.3	33.5
229	19.8	16.0	24.0

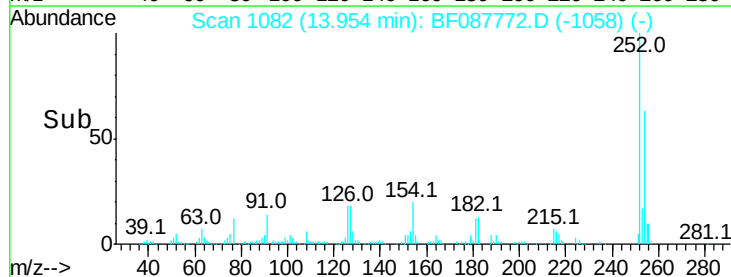
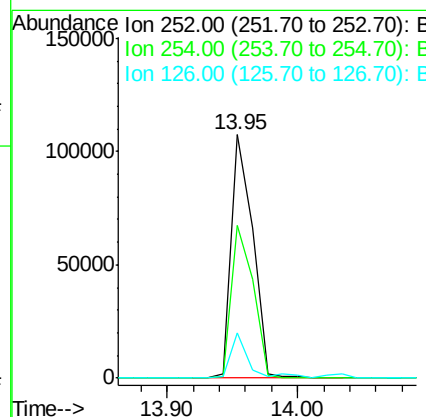
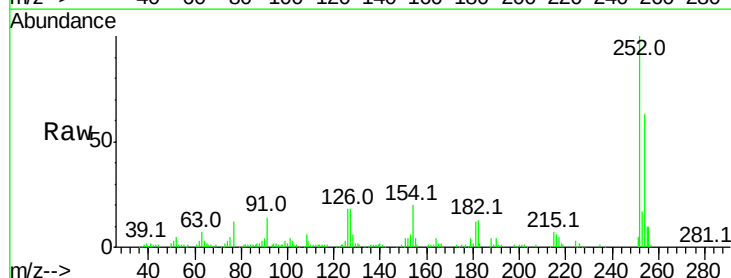
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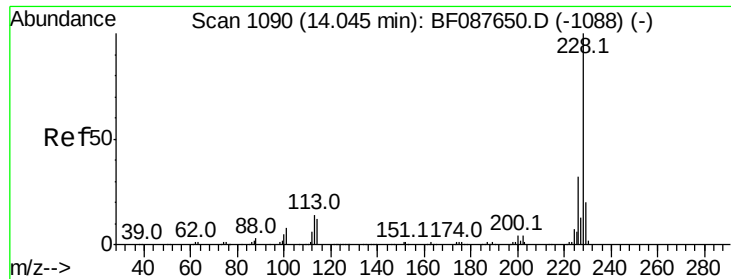
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#81
3,3'-Dichlorobenzidine
Concen: 46.45 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.6	78.8
126	18.4	6.2	9.2





#82

Chrysene

Concen: 57.22 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

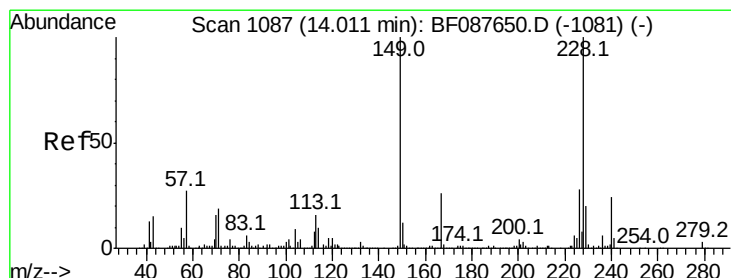
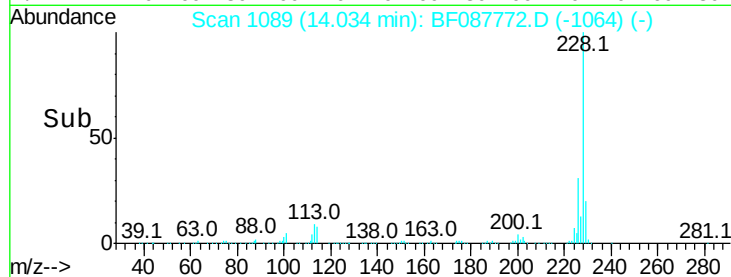
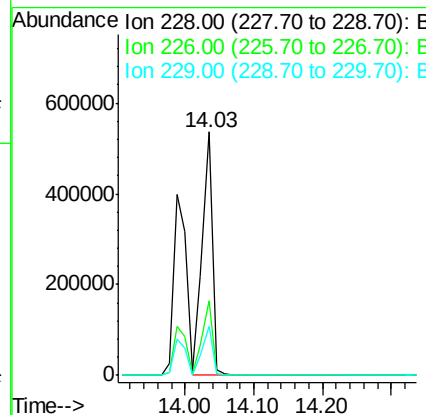
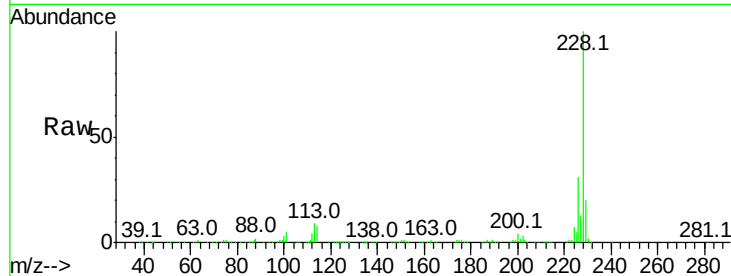
ClientSampleId :

HSR-WC-49-060116MSD

Tot Ion:	228	Resp:	534945
Ion Ratio		Lower	Upper
228	100		
226	30.5	25.4	38.2
229	19.9	16.3	24.5

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 68.33 ng

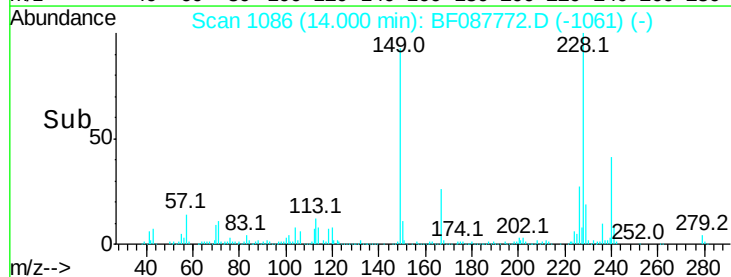
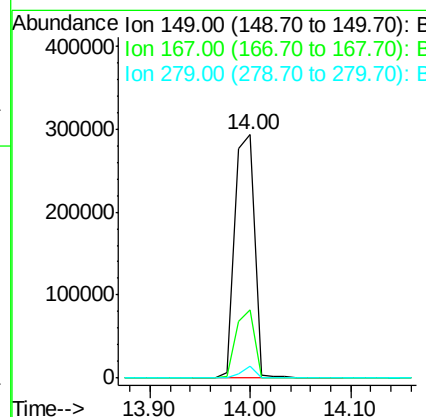
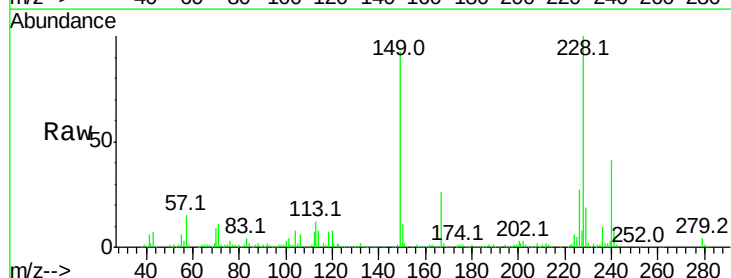
RT: 14.00 min Scan# 1086

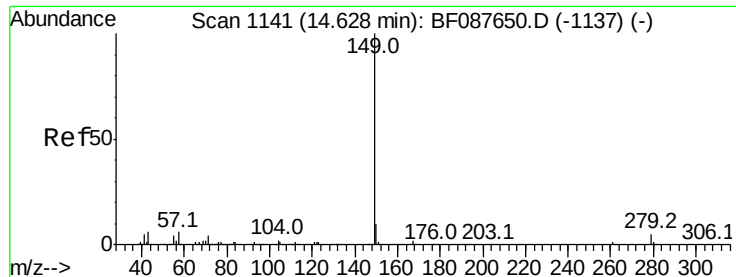
Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion:	149	Resp:	401036
Ion Ratio		Lower	Upper
149	100		
167	27.9	20.5	30.7
279	4.8	2.0	3.0#





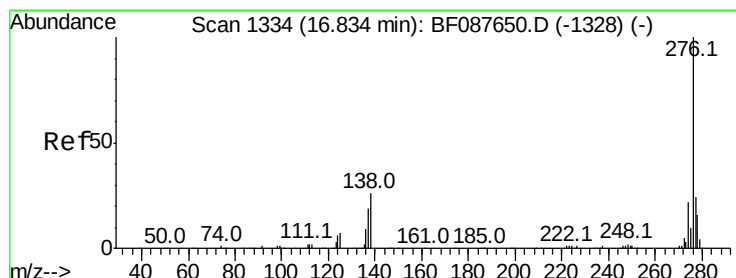
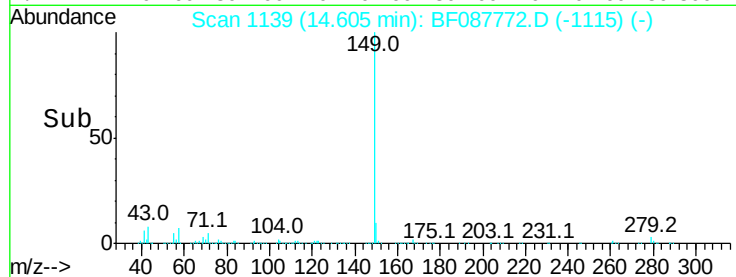
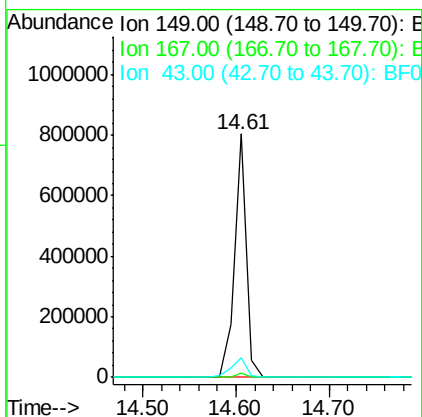
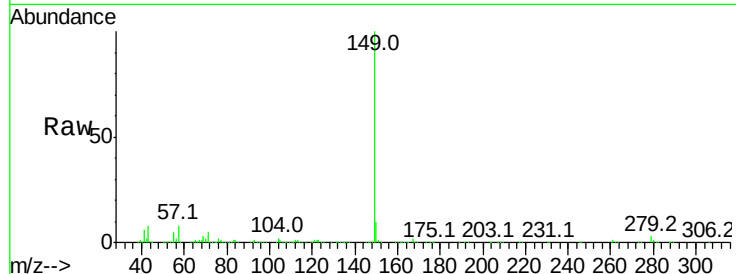
#84
Di-n-octyl phthalate
Concen: 65.46 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	10.1	0.0	0.0#

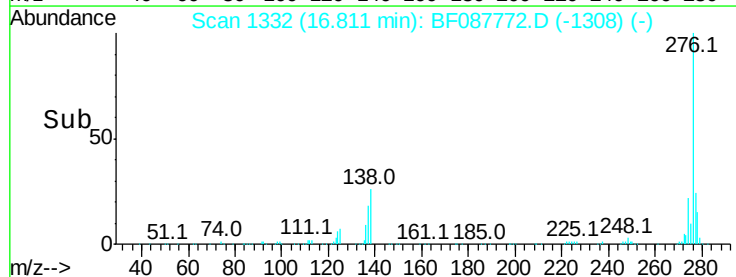
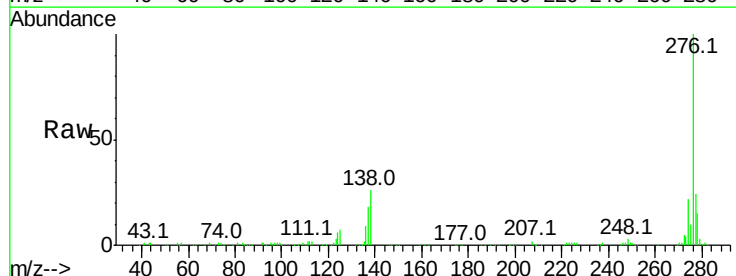
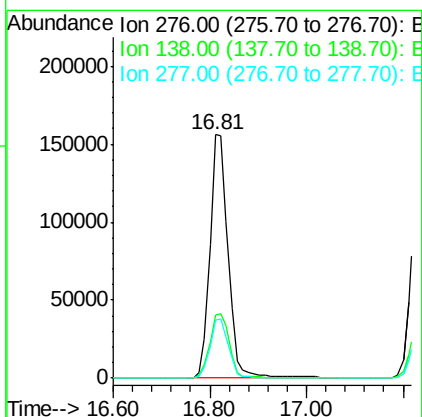
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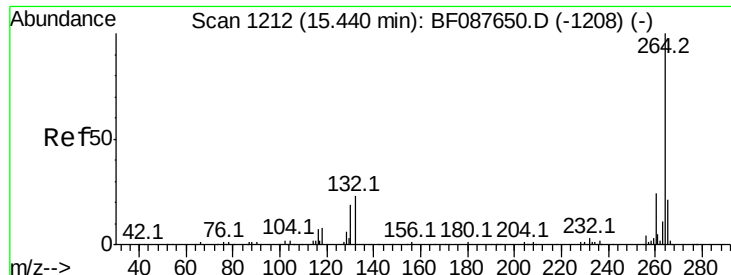
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#85
Indeno(1,2,3-cd)pyrene
Concen: 53.96 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	28.9	0.0	0.0#
277	24.8	0.0	0.0#





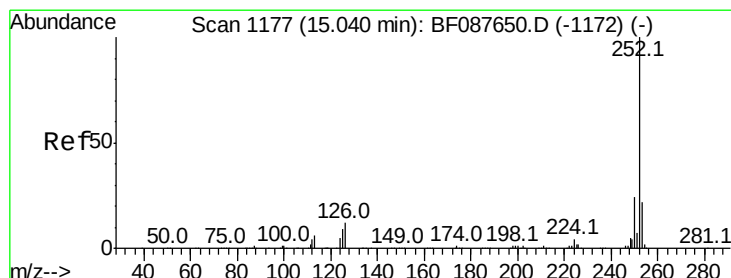
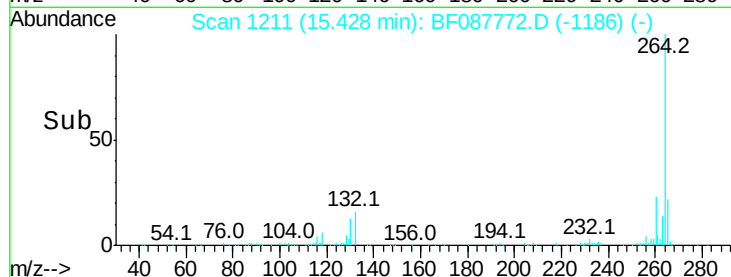
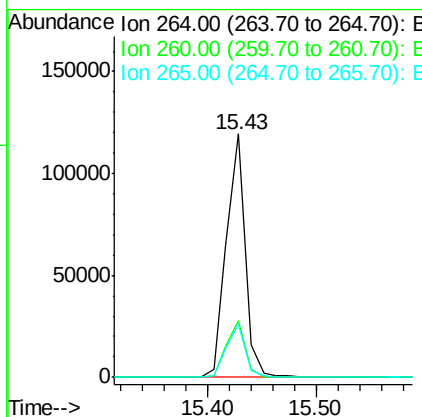
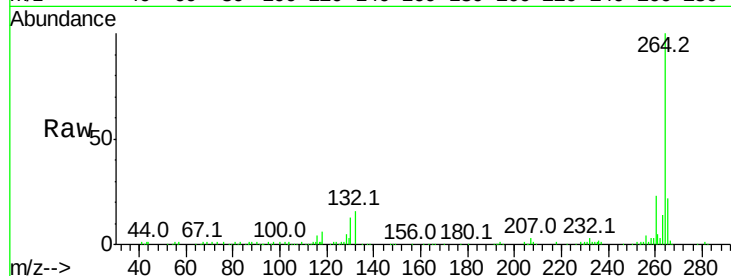
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	16.9	25.3

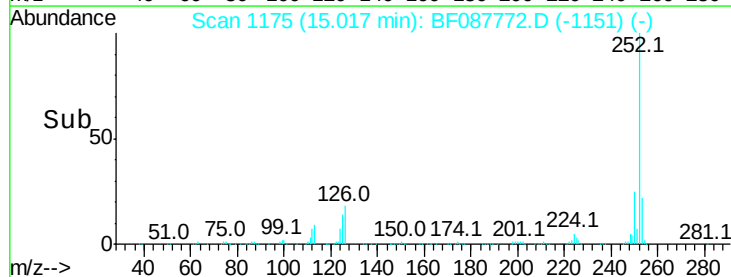
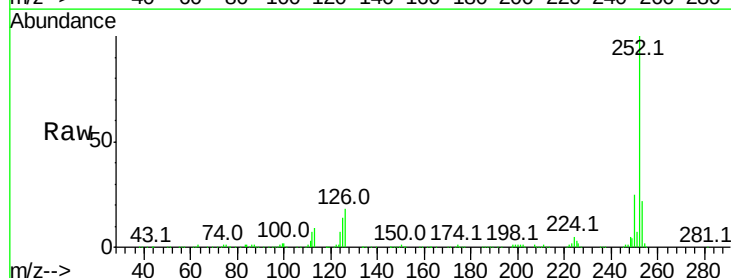
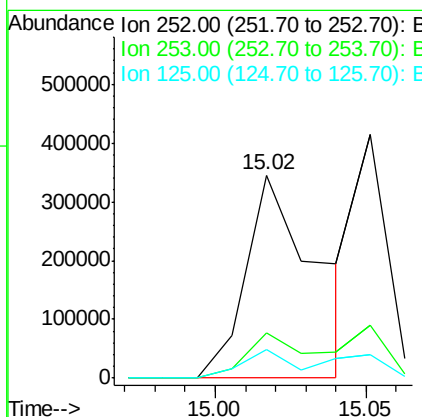
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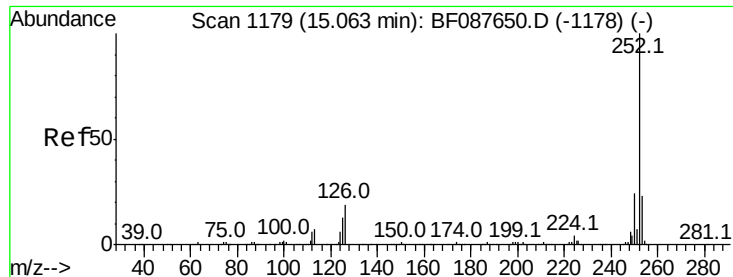
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#87
Benzo(b)fluoranthene
Concen: 59.83 ng m
RT: 15.02 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	14.3	7.1	10.7#





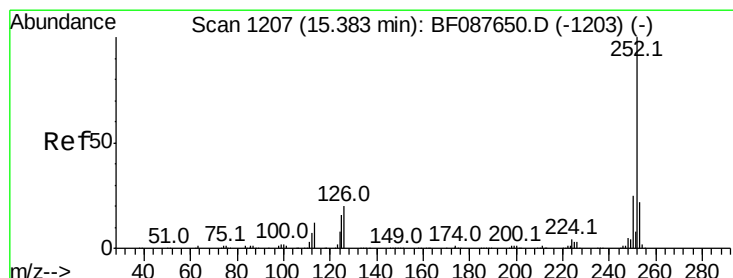
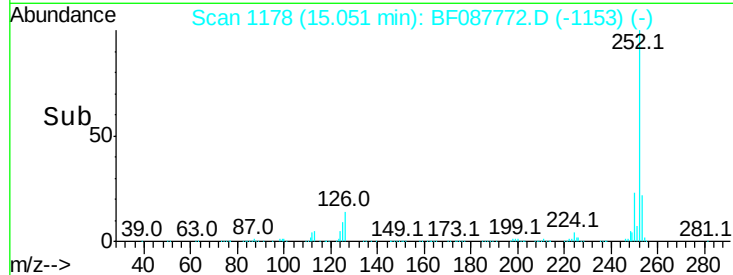
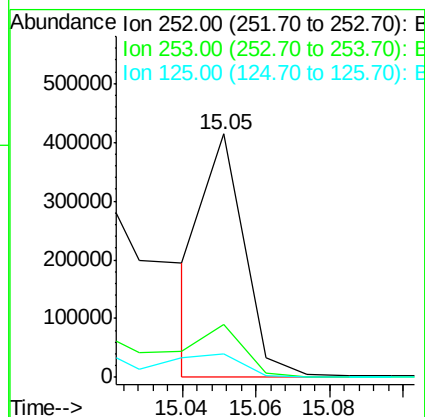
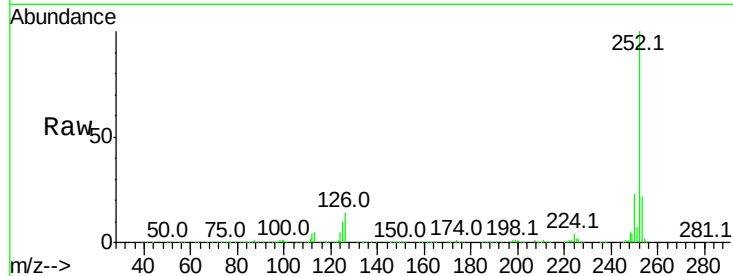
#88
Benzo(k)fluoranthene
Concen: 40.35 ng m
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.6	11.2	16.8

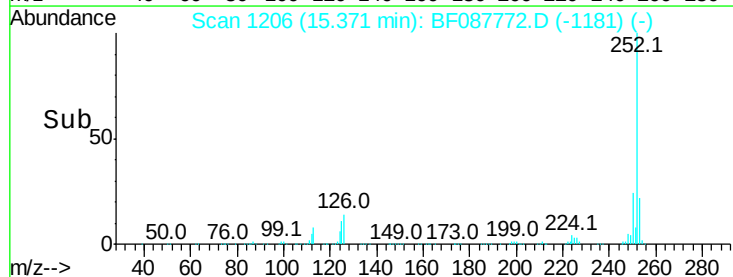
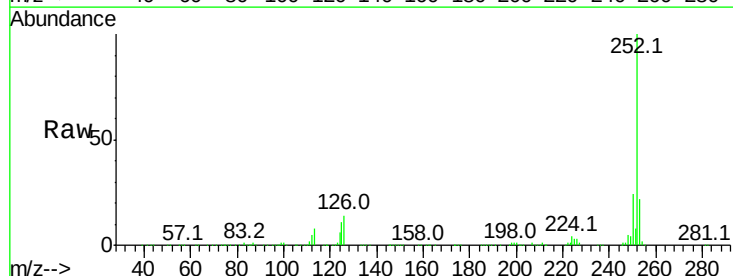
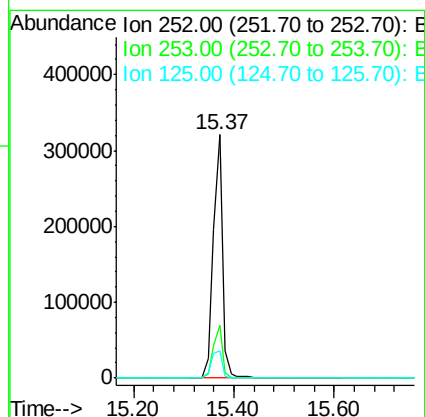
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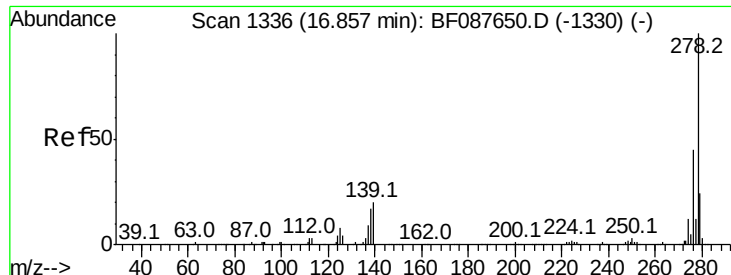
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#89
Benzo(a)pyrene
Concen: 52.56 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	11.2	12.5	18.7





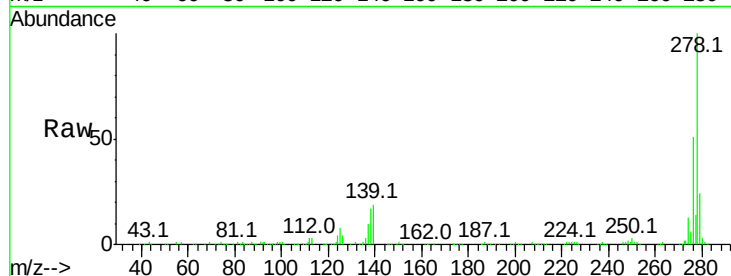
#90
Dibenzo(a,h)anthracene
Concen: 52.99 ng
RT: 16.83 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

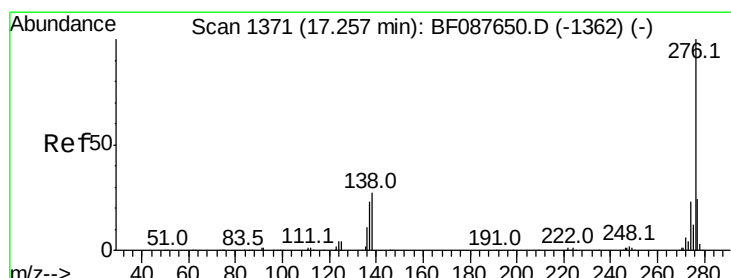
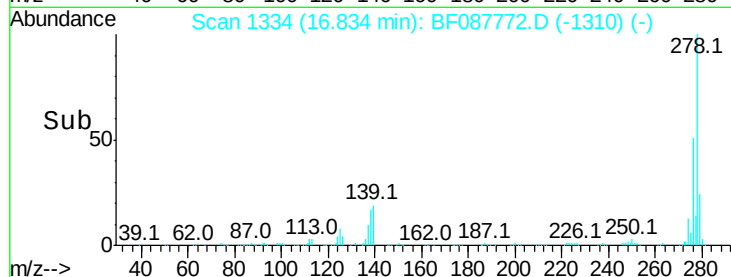
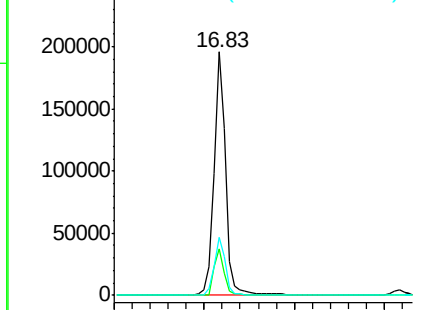
Tot Ion:	278	Resp:	352994
Ion Ratio	Lower	Upper	
278	100		
139	19.0	15.7	23.5
279	23.9	19.4	29.2

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 49.51 ng
RT: 17.23 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion:	276	Resp:	332798
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.9	28.3
138	24.9	21.4	32.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

