

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
 Data File : BF088075.D
 Acq On : 16 Jun 2016 14:56
 Operator : UM/SJ
 Sample : H3510-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Manual Integrations
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Quant Time: Jun 16 16:18:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113348	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	471631	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	234198	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	450191	20.00	ng	0.00
75) Chrysene-d12	13.87	240	312736	20.00	ng	0.01
86) Perylene-d12	15.26	264	287958	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	767385	115.74	ng	0.03
7) Phenol-d6	6.38	99	901725	112.22	ng	0.01
23) Nitrobenzene-d5	7.29	82	607127	75.17	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	241397	97.62	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1133179	75.38	ng	0.00
78) Terphenyl-d14	12.82	244	994129	72.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	103996	32.28	ng	# 87
3) Pyridine	3.11	79	186139m	24.47	ng	
4) n-Nitrosodimethylamine	3.02	42	119139	36.98	ng	79
6) Aniline	6.39	93	135072	11.81	ng	# 1
8) 2-Chlorophenol	6.51	128	317626	40.47	ng	85
10) Phenol	6.39	94	366414	44.12	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	320192	45.44	ng	86
12) 1,3-Dichlorobenzene	6.66	146	327431m	38.89	ng	
13) 1,4-Dichlorobenzene	6.74	146	318633	37.57	ng	94
14) 1,2-Dichlorobenzene	6.89	146	310030	40.19	ng	95
15) Benzyl Alcohol	6.88	79	235037	37.39	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	355616	37.36	ng	75
17) 2-Methylphenol	6.99	107	269977	42.42	ng	99
18) Hexachloroethane	7.23	117	121504	40.37	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	209303	40.72	ng	89
20) 3+4-Methylphenols	7.15	107	318805	42.93	ng	# 77
22) Acetophenone	7.14	105	427429	40.55	ng	95
24) Nitrobenzene	7.31	77	338560	43.27	ng	95
25) Isophorone	7.55	82	626232	41.86	ng	98
26) 2-Nitrophenol	7.62	139	172857	41.25	ng	89
27) 2,4-Dimethylphenol	7.68	122	328129	42.52	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	401287	43.25	ng	99
29) 2,4-Dichlorophenol	7.87	162	296408	46.01	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	283380	40.39	ng	98
31) Naphthalene	8.02	128	961642	41.20	ng	99
32) Benzoic acid	7.82	122	219281	51.61	ng	93
33) 4-Chloroaniline	8.09	127	46248	4.44	ng	96
34) Hexachlorobutadiene	8.15	225	143516	38.79	ng	99
35) Caprolactam	8.47	113	102533m	48.05	ng	
36) 4-Chloro-3-methylphenol	8.58	107	296994	43.11	ng	98
37) 2-Methylnaphthalene	8.72	142	628639	40.86	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	271963	44.42	ng	# 1
40) Hexachlorocyclopentadiene	8.87	237	163004	43.15	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	198997	42.49	ng	97

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Quant Time: Jun 16 16:18:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	186595	38.29	nq	# 85
45) 1,1'-Biphenyl	9.19	154	807467	46.08	nq	97
46) 2-Chloronaphthalene	9.21	162	621959	41.04	nq	96
47) 2-Nitroaniline	9.31	65	202162	45.22	nq	# 69
48) Acenaphthylene	9.62	152	961887	39.90	nq	99
49) Dimethylphthalate	9.50	163	737739	43.49	nq	100
50) 2,6-Dinitrotoluene	9.55	165	174091	44.81	nq	# 71
51) Acenaphthene	9.79	154	591340	39.32	nq	98
52) 3-Nitroaniline	9.71	138	38401	8.57	nq	95
53) 2,4-Dinitrophenol	9.84	184	175652	81.96	nq	# 68
54) Dibenzofuran	9.96	168	768254	37.10	nq	# 89
55) 4-Nitrophenol	9.91	139	265691	76.36	nq	# 64
56) 2,4-Dinitrotoluene	9.96	165	225705	45.20	nq	# 82
57) Fluorene	10.31	166	661872	47.57	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	156873	40.97	nq	# 53
59) Diethylphthalate	10.19	149	748281	43.57	nq	100
60) 4-Chlorophenyl-phenylether	10.30	204	251342	36.49	nq	93
61) 4-Nitroaniline	10.34	138	174751	41.09	nq	99
62) Azobenzene	10.46	77	693922	40.86	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	120036	42.95	nq	95
65) n-Nitrosodiphenylamine	10.42	169	579044	38.76	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	193240	40.01	nq	# 91
67) Hexachlorobenzene	10.86	284	204889	40.83	nq	# 70
68) Atrazine	10.96	200	170440	37.68	nq	99
69) Pentachlorophenol	11.05	266	216716	81.93	nq	97
70) Phenanthrene	11.27	178	1061772	44.95	nq	99
71) Anthracene	11.31	178	884999	37.14	nq	99
72) Carbazole	11.47	167	962483	43.16	nq	100
73) Di-n-butylphthalate	11.80	149	1055498	37.39	nq	100
74) Fluoranthene	12.44	202	930944	37.34	nq	99
76) Benzidine	12.57	184	45359	5.24	nq	99
77) Pyrene	12.67	202	1002175	43.18	nq	99
79) Butylbenzylphthalate	13.29	149	521638	50.84	nq	# 81
80) Benzo(a)anthracene	13.86	228	696641	39.09	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	102241	21.33	nq	99
82) Chrysene	13.90	228	739618	44.11	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	574462	45.99	nq	# 96
84) Di-n-octyl phthalate	14.47	149	1128693	55.61	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.57	276	647546	41.57	nq	# 100
87) Benzo(b)fluoranthene	14.87	252	731089m	36.43	nq	
88) Benzo(k)fluoranthene	14.90	252	748764m	49.46	nq	
89) Benzo(a)pyrene	15.20	252	684497	42.15	nq	99
90) Dibenzo(a,h)anthracene	16.58	278	539817	35.79	nq	97
91) Benzo(g,h,i)perylene	16.97	276	548087	35.33	nq	100

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

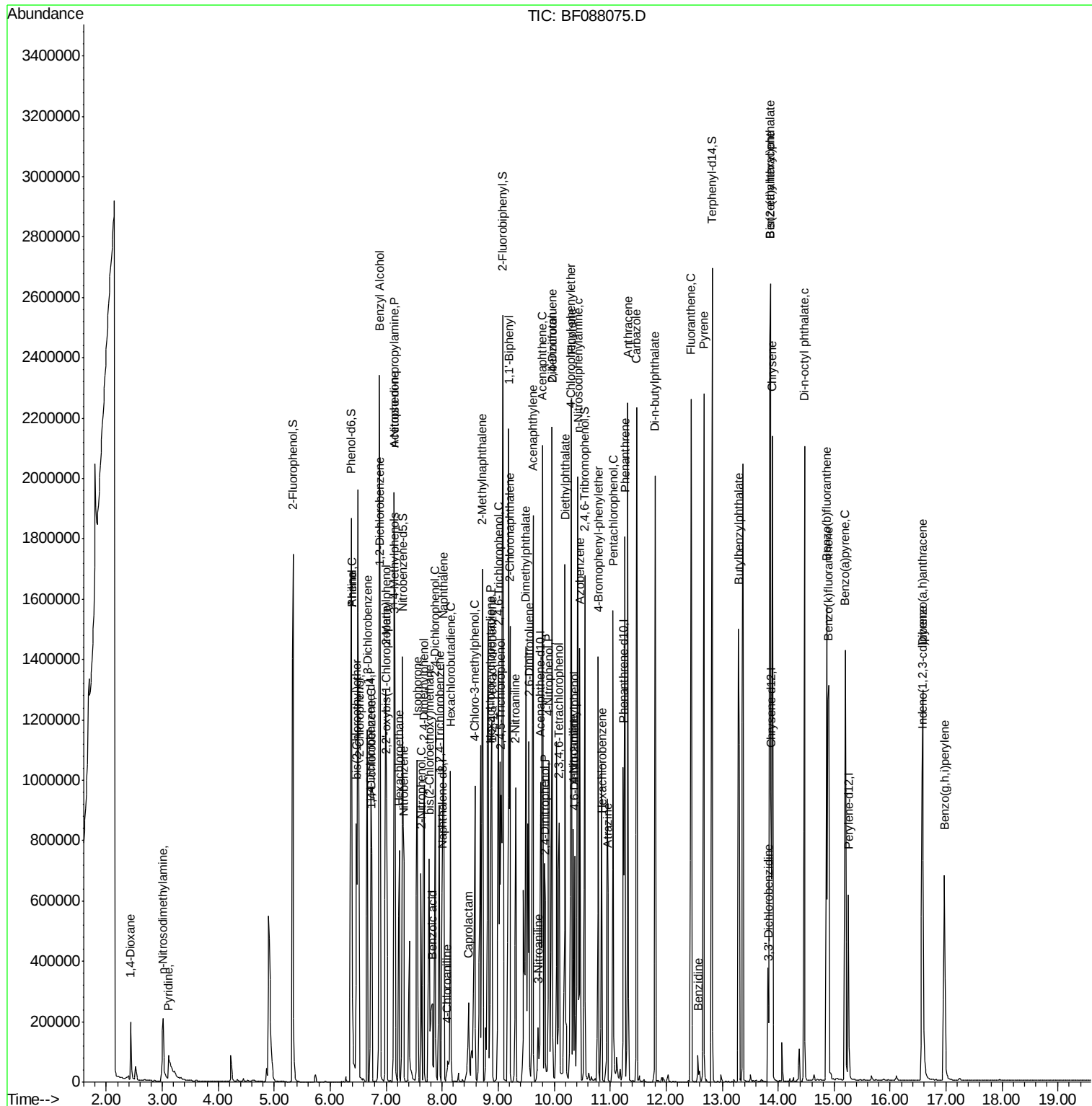
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
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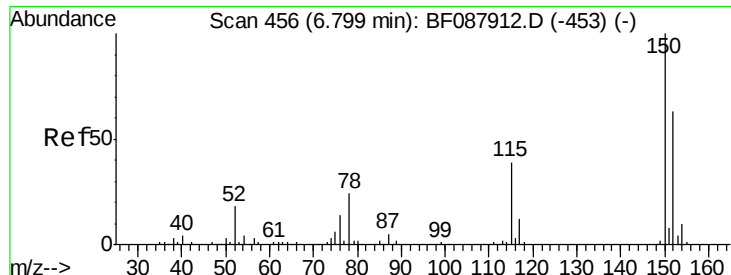
Instrument :
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#1

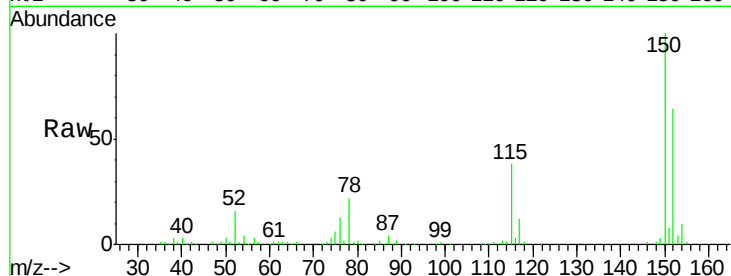
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

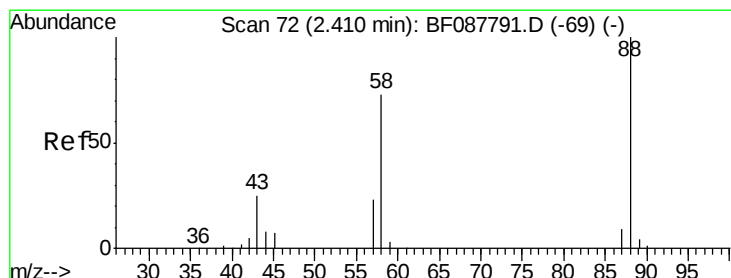
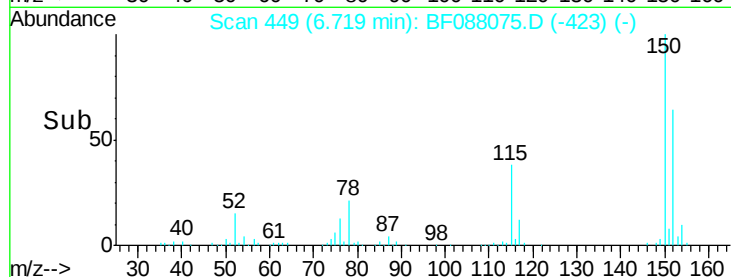
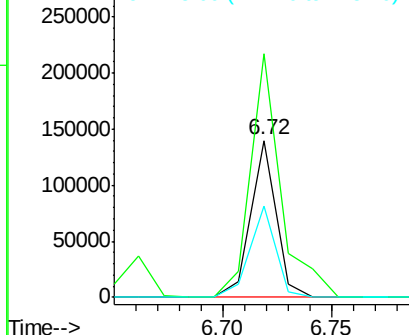
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.8	185.6
115	58.6	39.6	59.4

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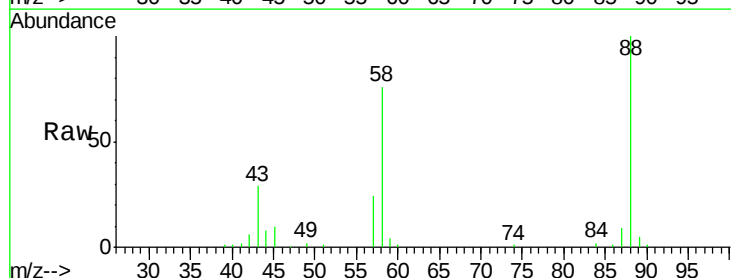
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



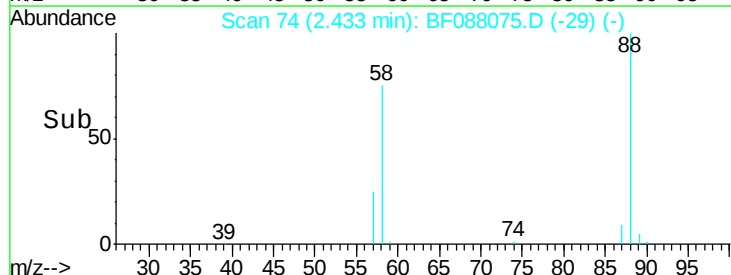
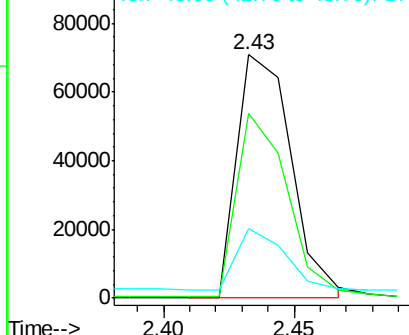
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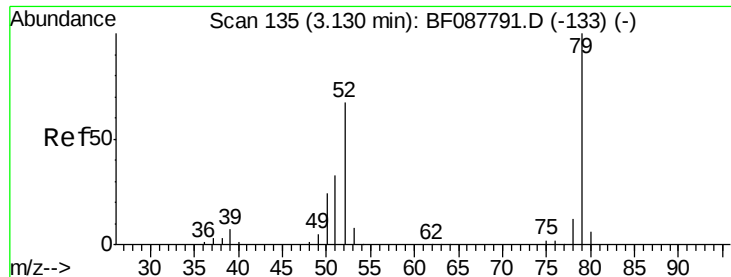
1,4-Dioxane
Concen: 32.28 ng
RT: 2.43 min Scan# 74
Delta R.T. 0.22 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	0.0	0.0#
43	0.0	3.4	5.2#



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





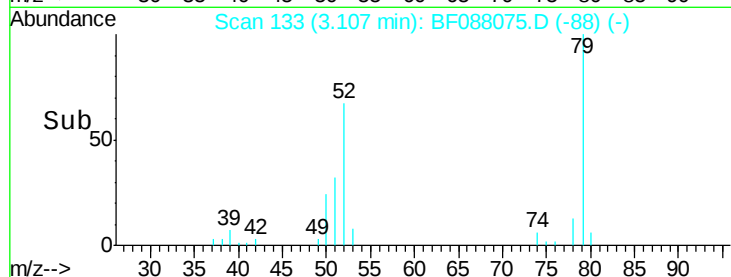
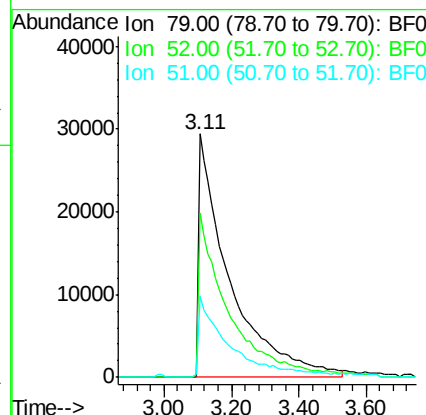
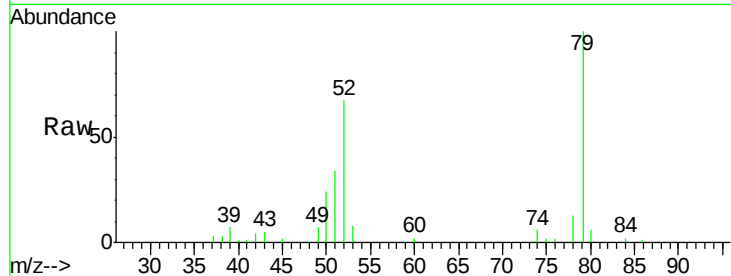
#3
 Pvridine
 Concen: 24.47 ng/ml
 RT: 3.11 min Scan# 133
 Delta R.T. 0.22 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion:	79	Resp:	186139
Ion Ratio	Lower	Upper	
79	100		
52	67.3	56.3	84.5
51	33.5	27.4	41.2

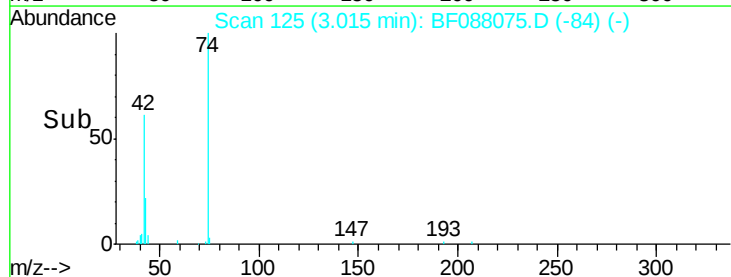
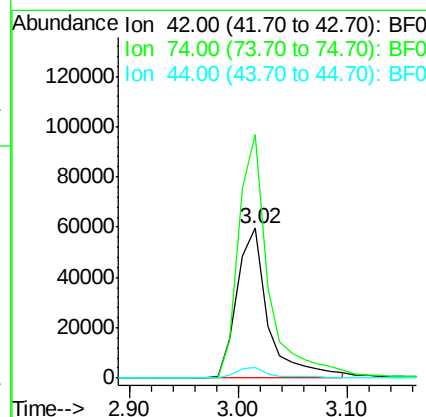
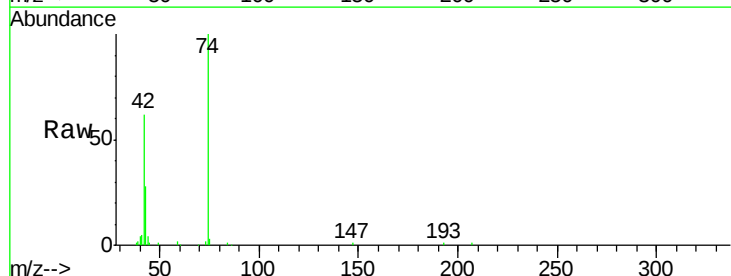
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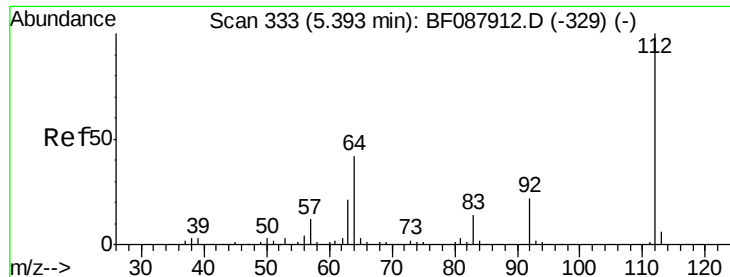
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#4
 n-Nitrosodimethylamine
 Concen: 36.98 ng/ml
 RT: 3.02 min Scan# 125
 Delta R.T. 0.17 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Tgt Ion:	42	Resp:	119139
Ion Ratio	Lower	Upper	
42	100		
74	162.2	108.6	163.0
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 115.74 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.03 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

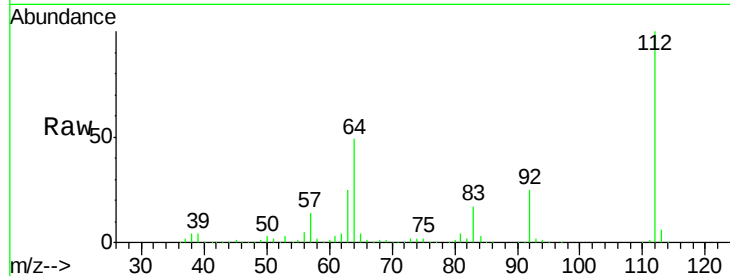
ClientSampleId :

HSR-WC-52-060916MSD

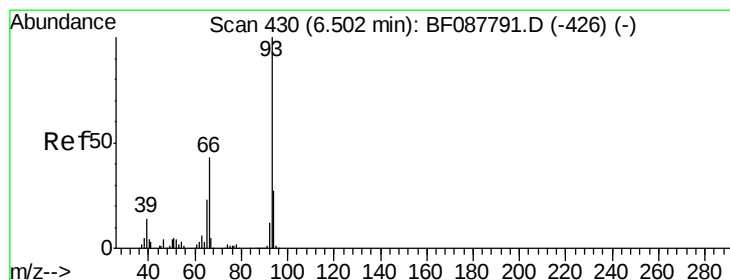
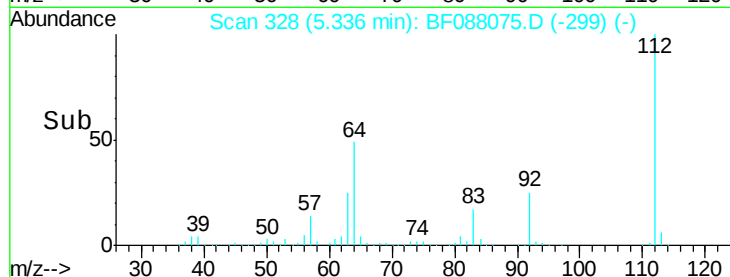
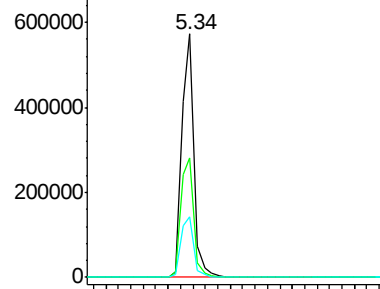
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		767385		
64	49.0		42.2	63.2	
63	25.1		21.8	32.8	

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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.81 ng

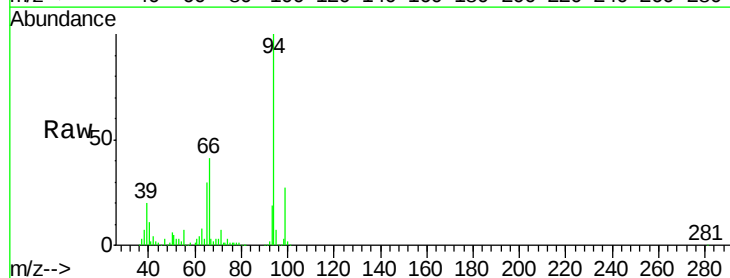
RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

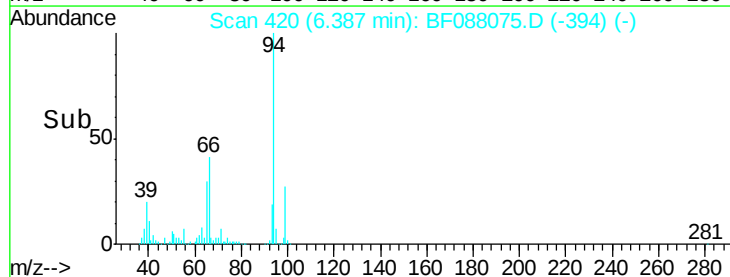
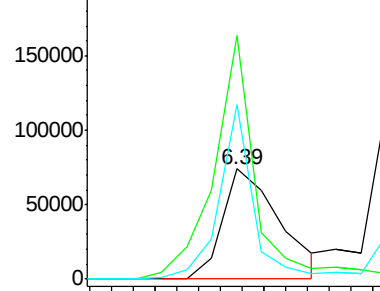
Lab File: BF088075.D

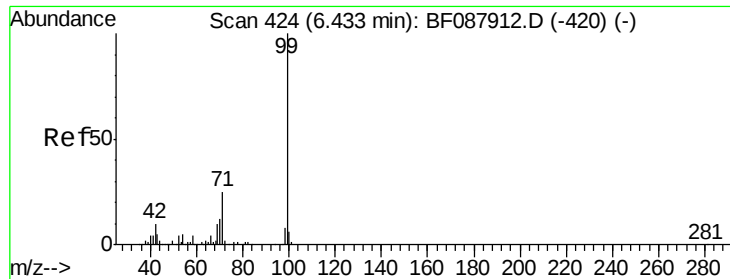
Acq: 16 Jun 2016 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		135072		
66	221.0		29.8	44.8#	
65	157.8		14.9	22.3#	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.22 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

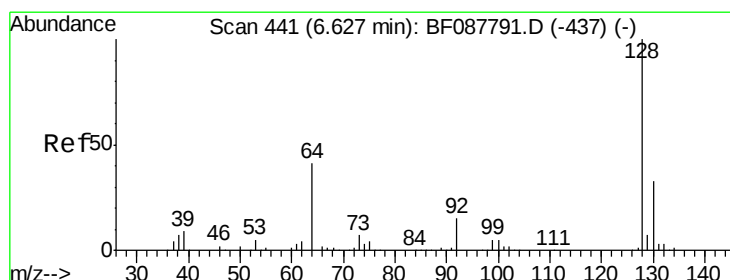
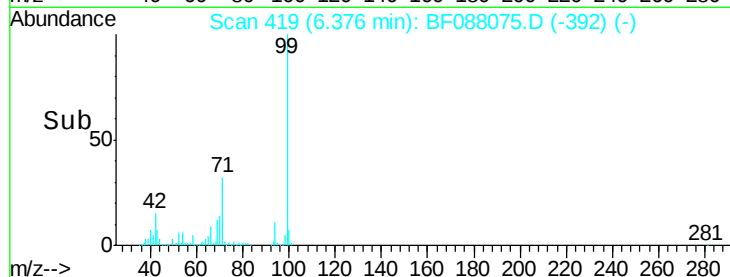
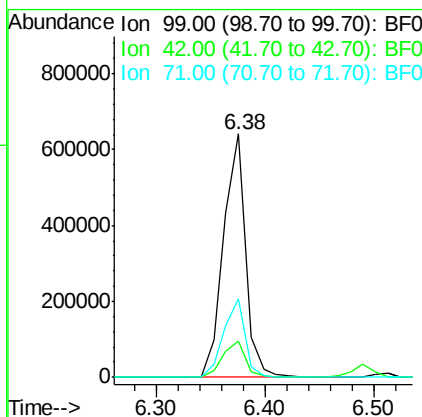
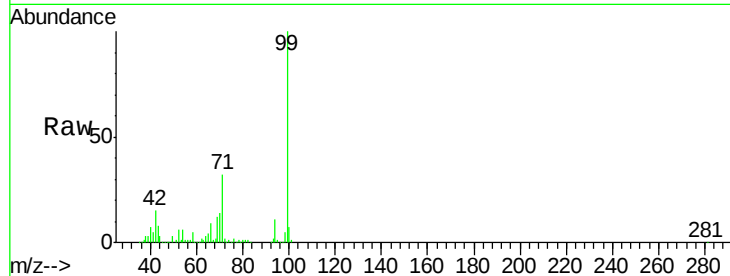
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	99	Resp:	901725
Ion Ratio	Lower	Upper	
99	100		
42	14.9	12.2	18.2
71	32.4	23.4	35.0

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#8

2-Chlorophenol

Concen: 40.47 ng

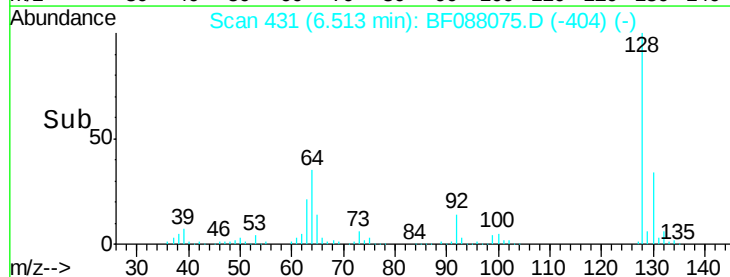
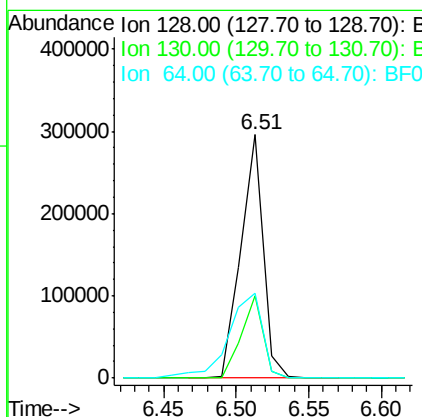
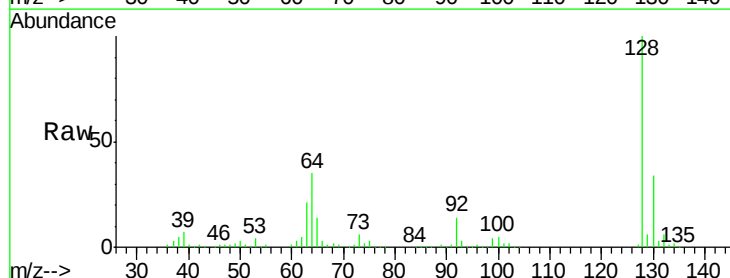
RT: 6.51 min Scan# 431

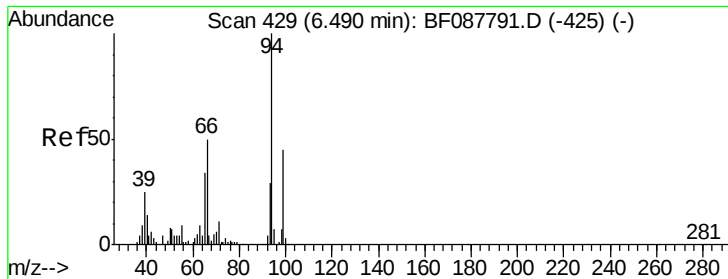
Delta R.T. 0.01 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion:	128	Resp:	317626
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.0	52.0
64	34.6	30.8	70.8





#10

Phenol

Concen: 44.12 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

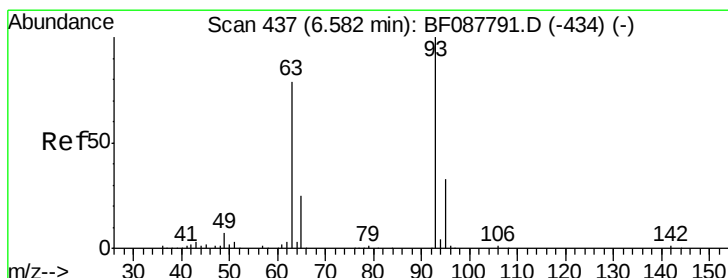
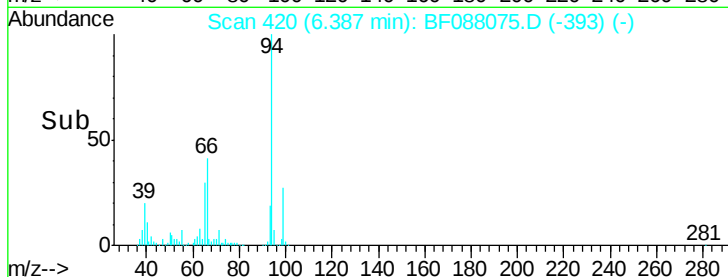
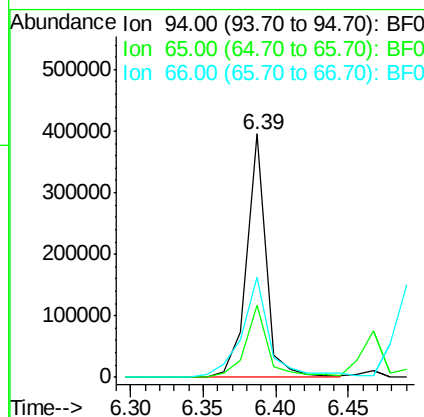
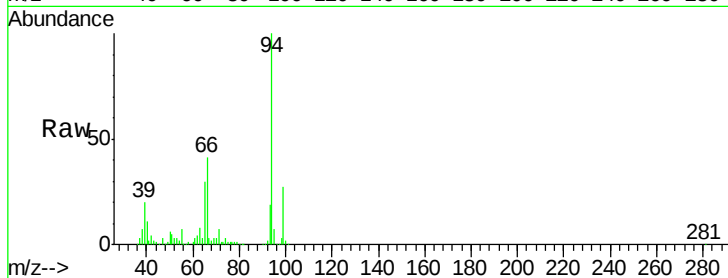
ClientSampleId :

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Tot Ion:	94	Resp:	366414
Ion Ratio	Lower	Upper	
94	100		
65	29.5	5.9	45.9
66	41.3	14.0	54.0

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#11

bis(2-Chloroethyl)ether

Concen: 45.44 ng

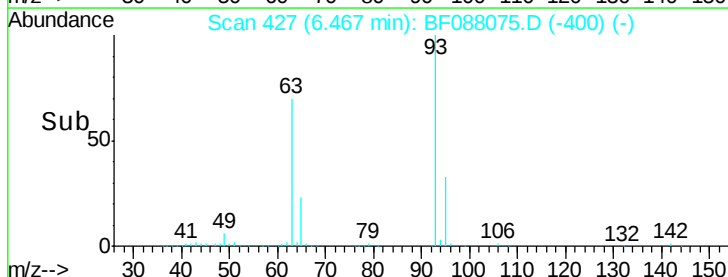
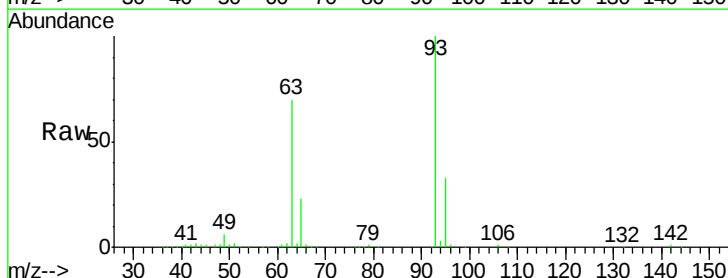
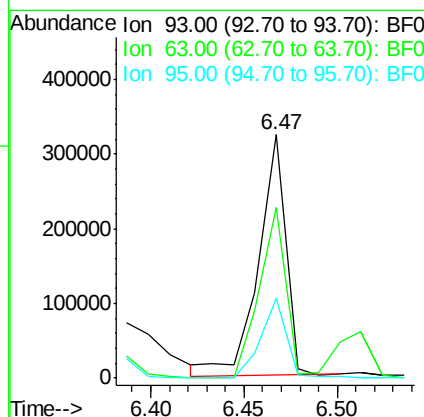
RT: 6.47 min Scan# 427

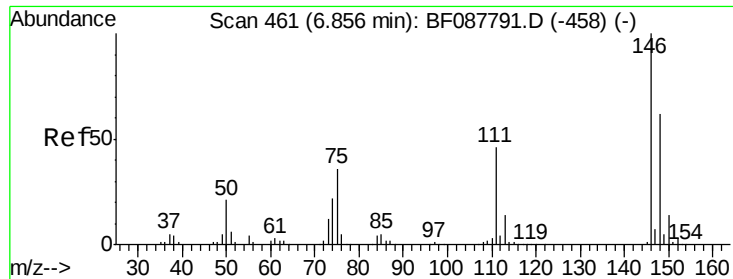
Delta R.T. 0.01 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion:	93	Resp:	320192
Ion Ratio	Lower	Upper	
93	100		
63	70.0	67.6	107.6
95	32.8	12.5	52.5





#12

1,3-Dichlorobenzene

Concen: 38.89 ng/mL

RT: 6.66 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

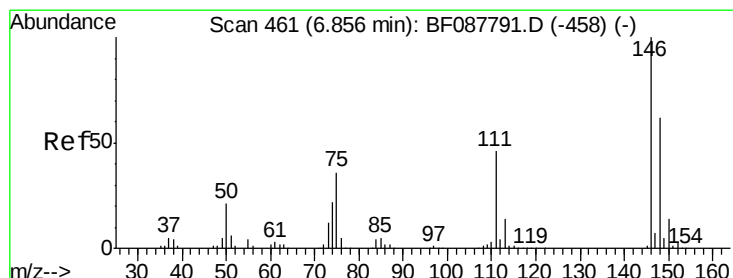
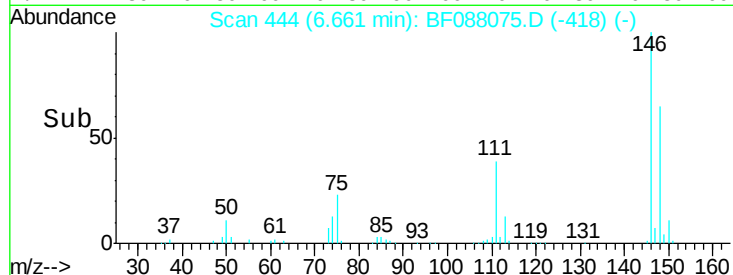
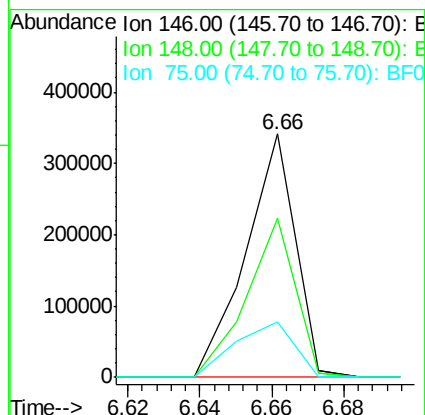
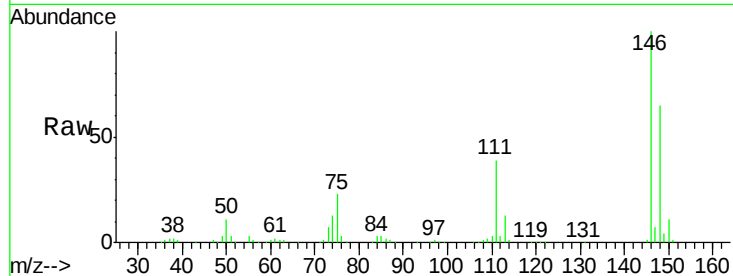
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	146	Resp:	327431
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.9	76.3
75	22.9	25.6	38.4

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#13

1,4-Dichlorobenzene

Concen: 37.57 ng/mL

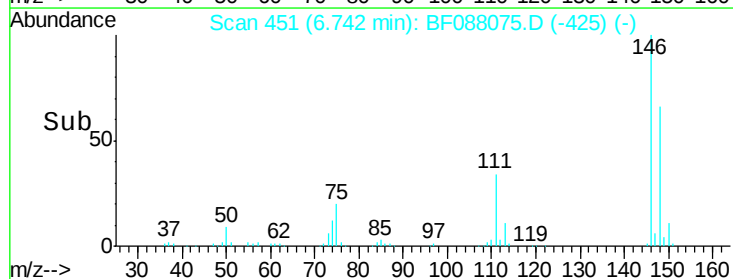
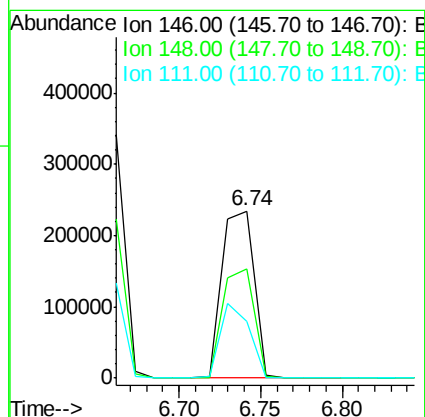
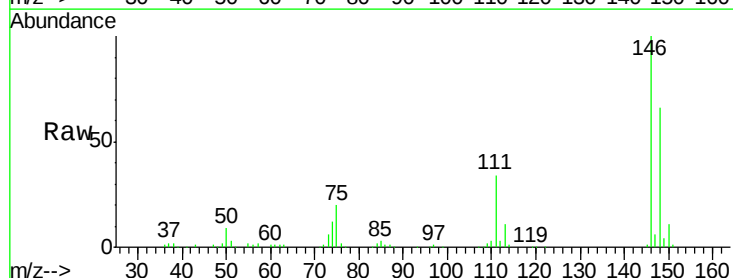
RT: 6.74 min Scan# 451

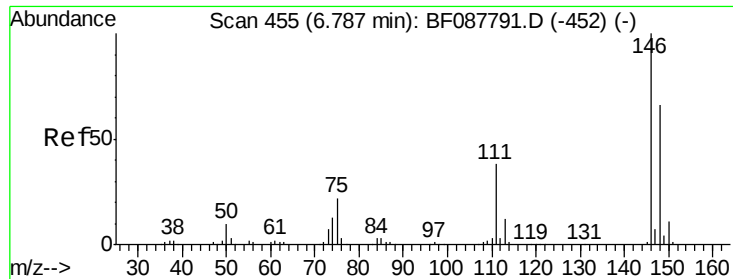
Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion:	146	Resp:	318633
Ion Ratio	Lower	Upper	
146	100		
148	65.8	52.0	78.0
111	34.3	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 40.19 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

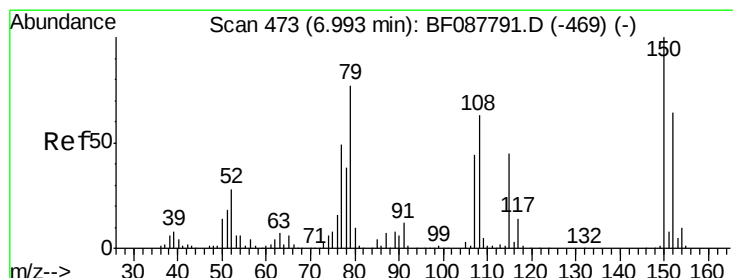
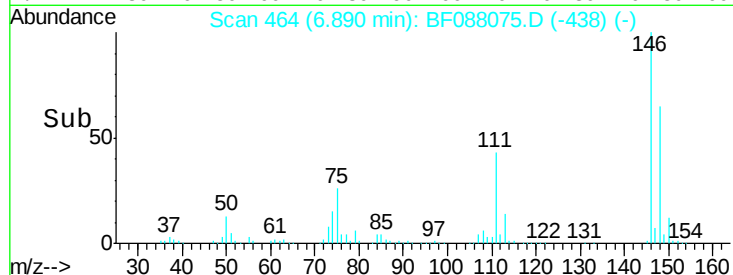
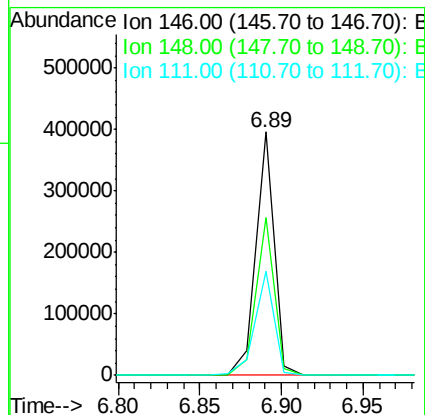
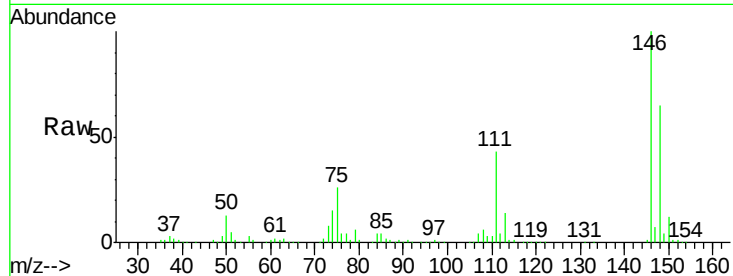
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	146	Resp:	310030
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.3	78.5
111	42.6	28.7	43.1

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#15

Benzyl Alcohol

Concen: 37.39 ng

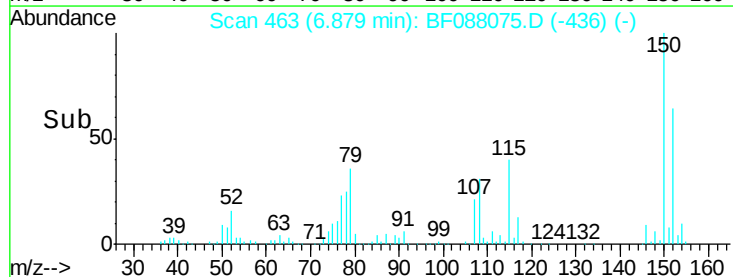
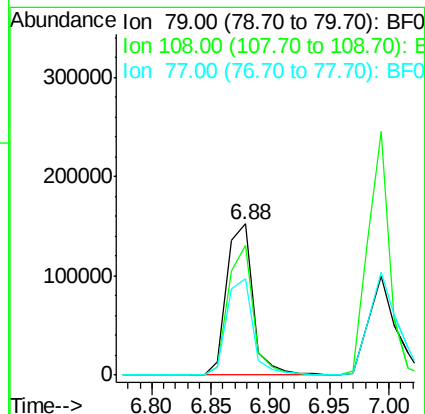
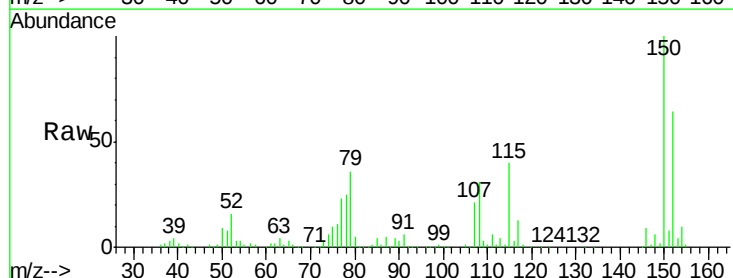
RT: 6.88 min Scan# 463

Delta R.T. 0.01 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion:	79	Resp:	235037
Ion Ratio	Lower	Upper	
79	100		
108	85.8	65.0	97.6
77	64.1	50.3	75.5





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 37.36 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

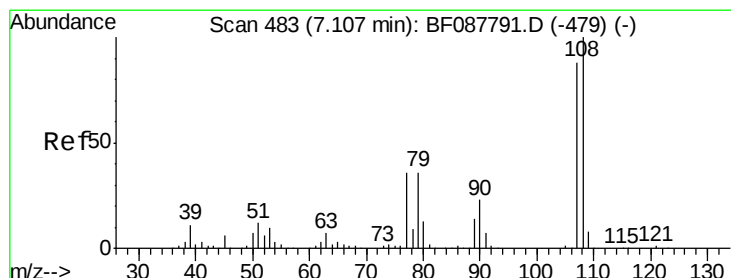
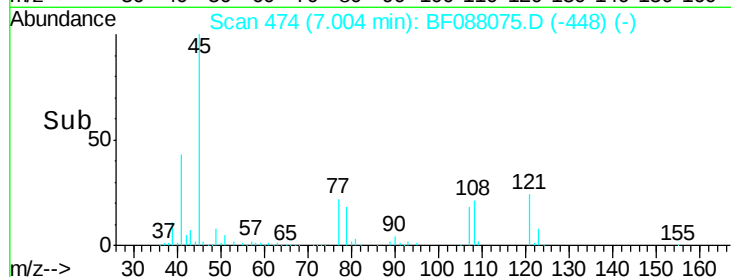
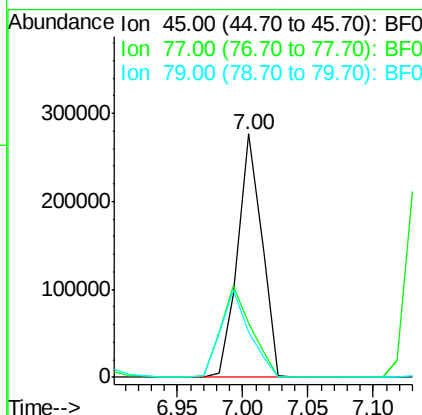
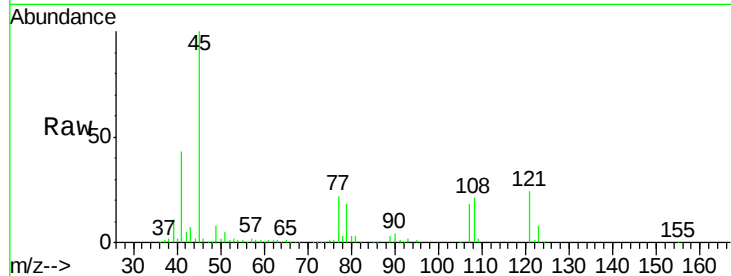
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	45	Resp:	355616
Ion Ratio		Lower	Upper
45	100		
77	22.2	0.0	32.5
79	18.4	0.0	29.5

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#17

2-Methylphenol

Concen: 42.42 ng

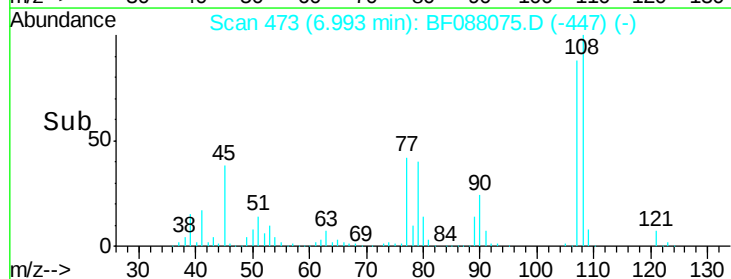
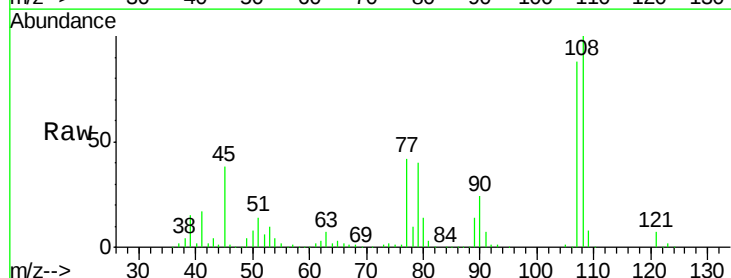
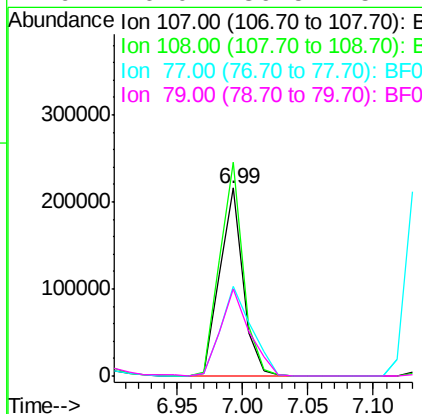
RT: 6.99 min Scan# 473

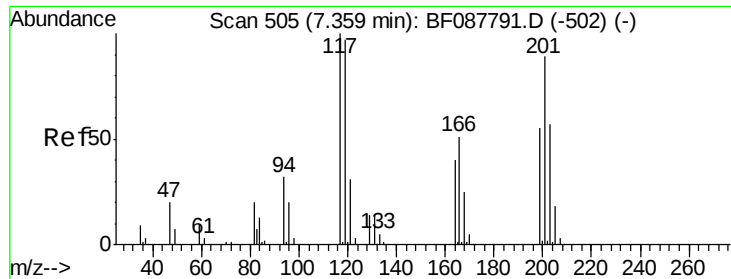
Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion:	107	Resp:	269977
Ion Ratio		Lower	Upper
107	100		
108	113.6	90.9	136.3
77	47.9	36.6	55.0
79	46.0	36.5	54.7





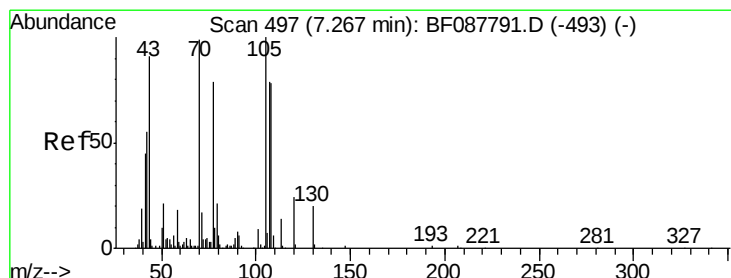
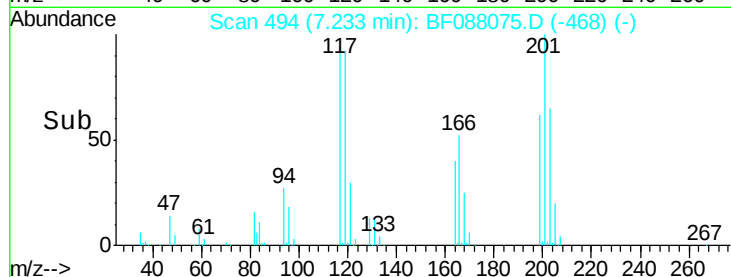
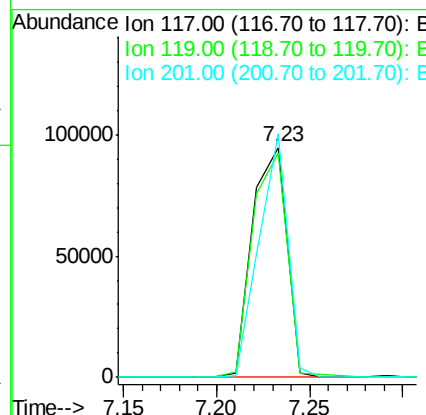
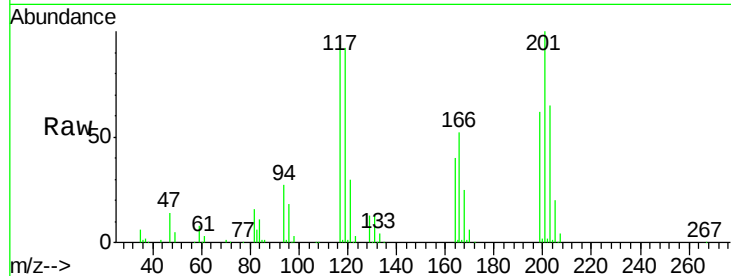
#18
Hexachloroethane
Concen: 40.37 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	121504		
119	97.8	77.4	116.2	
201	106.0	80.4	120.6	

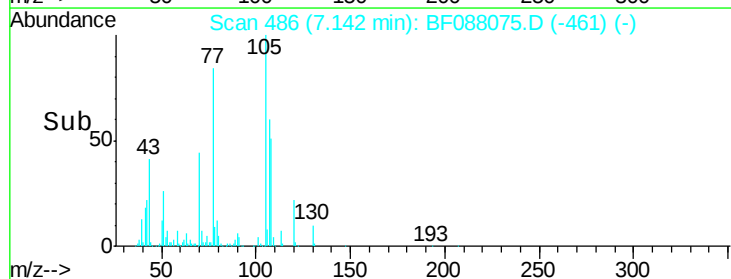
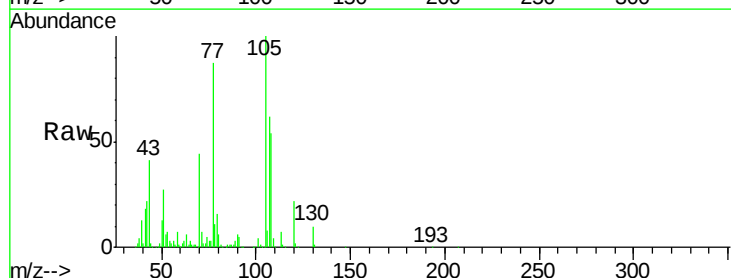
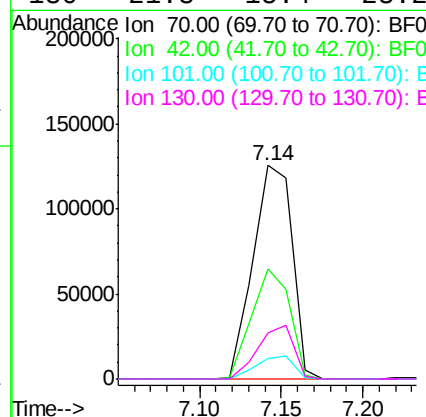
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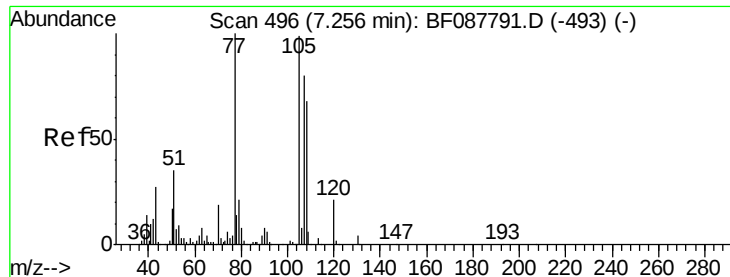
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#19
n-Nitroso-di-n-propylamine
Concen: 40.72 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	209303		
42	51.3	49.6	74.4	
101	9.7	7.1	10.7	
130	21.8	15.4	23.2	





#20

3+4-Methylphenols

Concen: 42.93 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

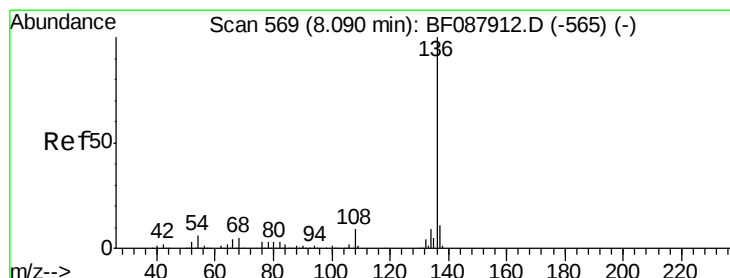
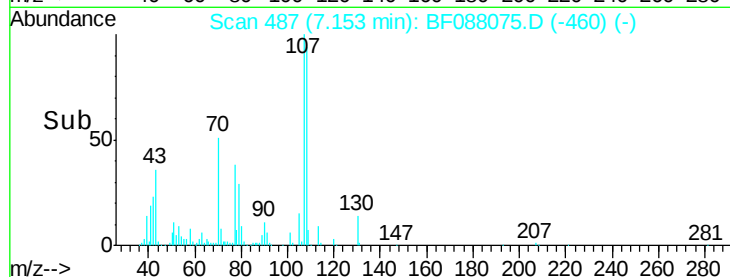
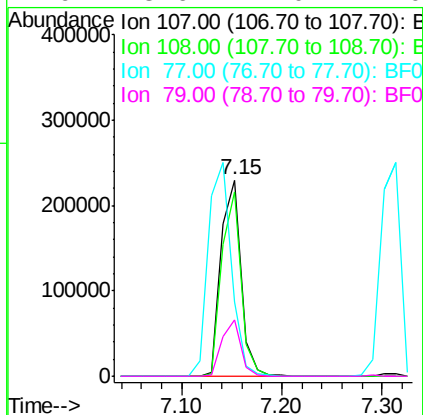
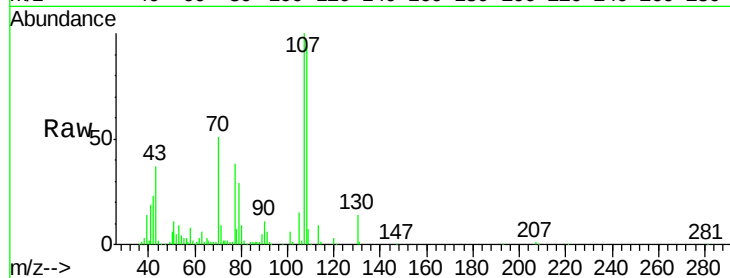
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	94.3	67.8	107.8	
77	38.2	59.3	99.3#	
79	28.6	7.0	47.0	

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#21

Naphthalene-d8

Concen: 20.00 ng

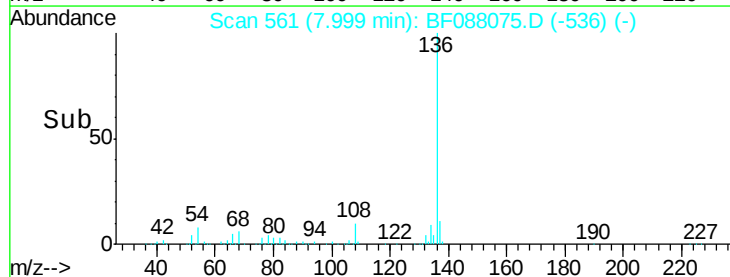
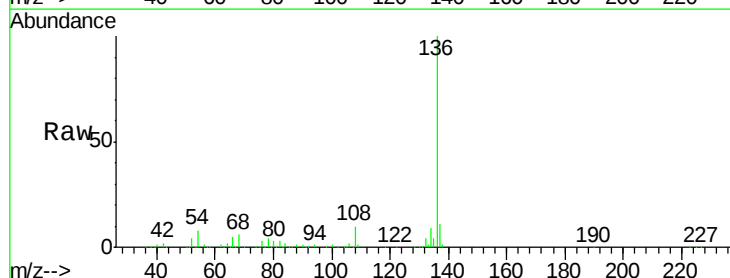
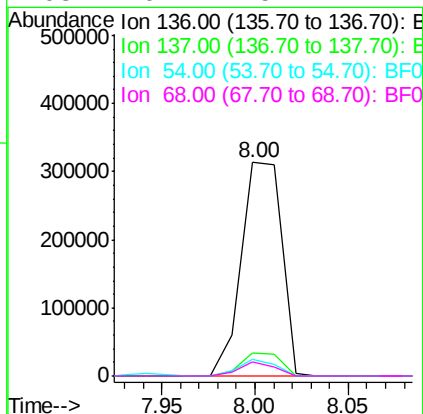
RT: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	7.6	6.6	10.0	
68	6.4	5.1	7.7	





#22

Acetophenone

Concen: 40.55 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF088075.D

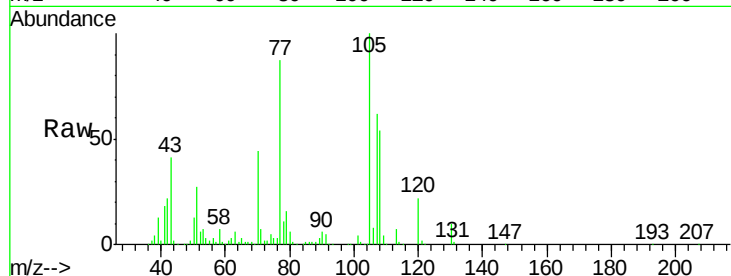
Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

ClientSampleId :

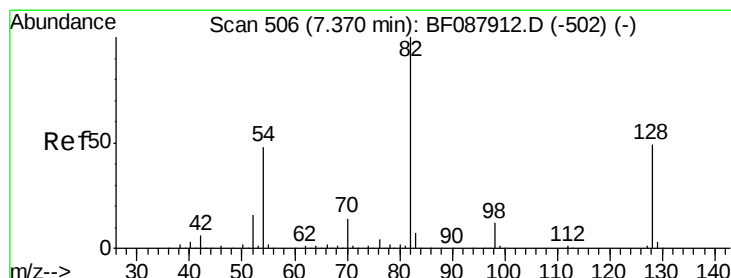
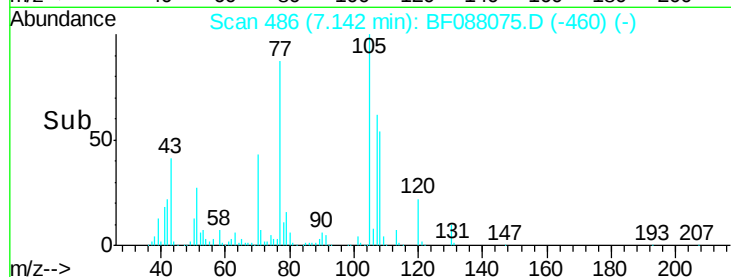
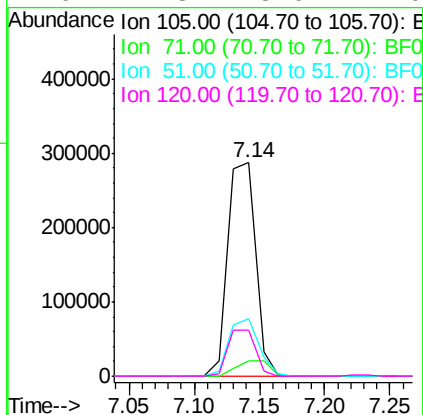
HSR-WC-52-060916MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
427429	105	100			
	71	7.2		5.3	7.9
	51	27.2		18.2	27.4
	120	21.8		18.0	27.0

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#23

Nitrobenzene-d5

Concen: 75.17 ng

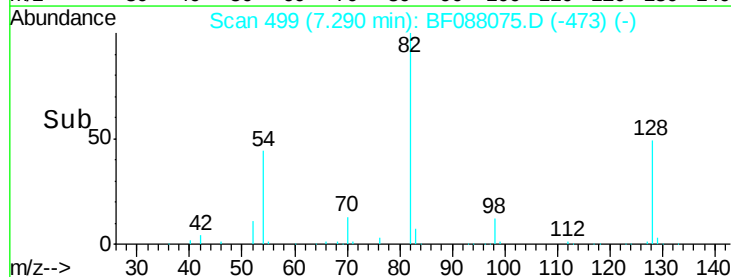
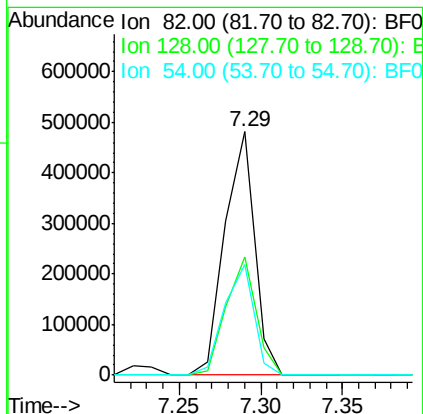
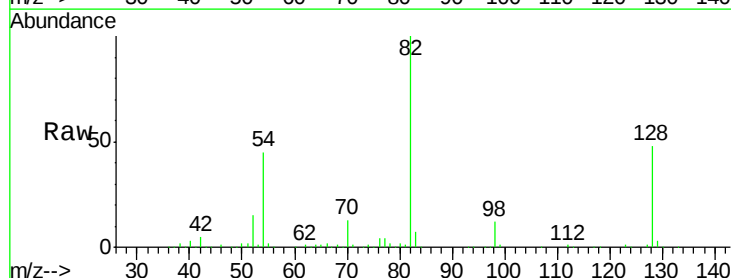
RT: 7.29 min Scan# 499

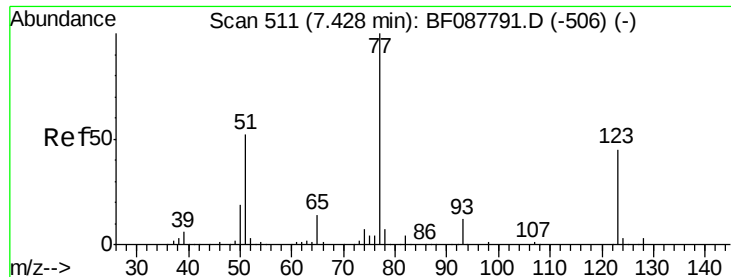
Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
607127	82	100			
	128	48.5		35.9	53.9
	54	45.4		40.9	61.3





#24

Nitrobenzene

Concen: 43.27 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

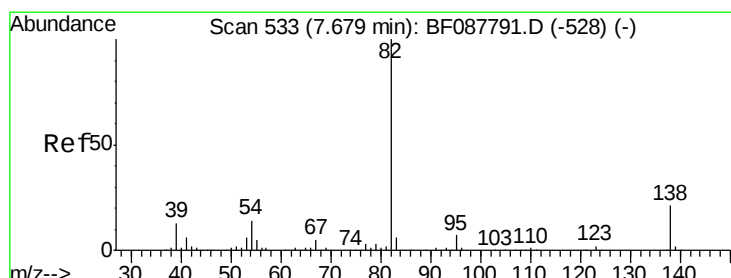
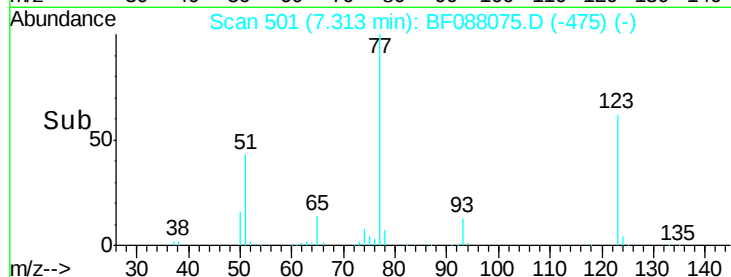
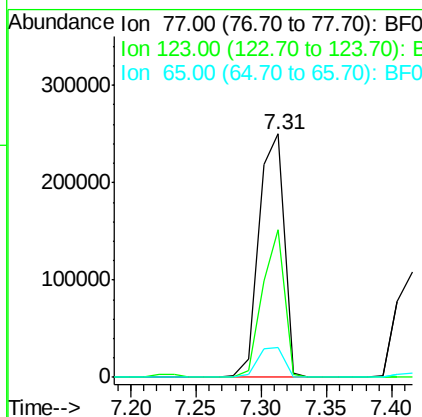
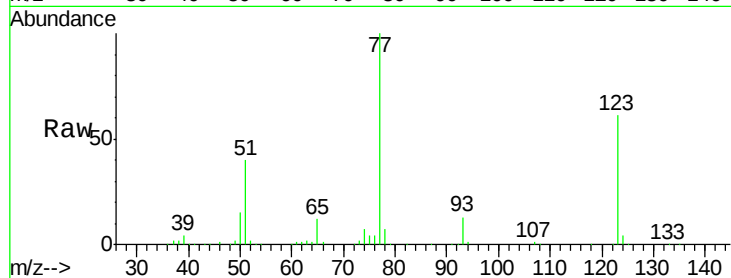
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	77	Resp:	338560
Ion Ratio	Lower	Upper	
77	100		
123	60.8	45.0	67.4
65	12.2	10.2	15.2

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#25

Isophorone

Concen: 41.86 ng

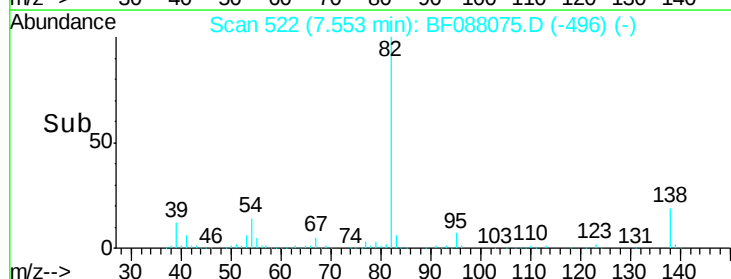
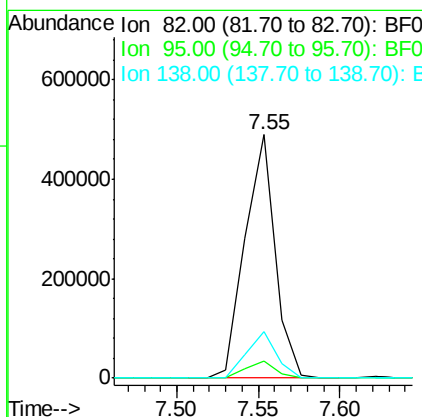
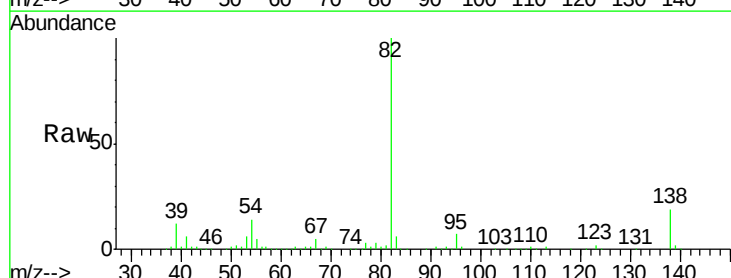
RT: 7.55 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion:	82	Resp:	626232
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	19.1	14.6	21.8





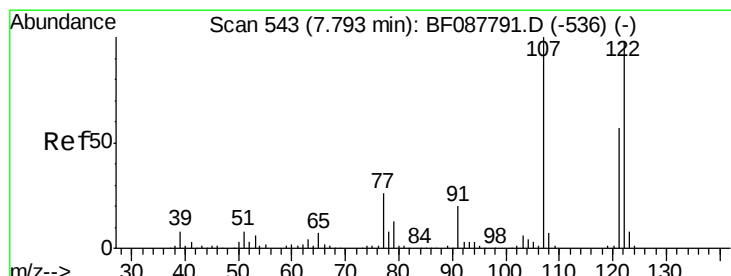
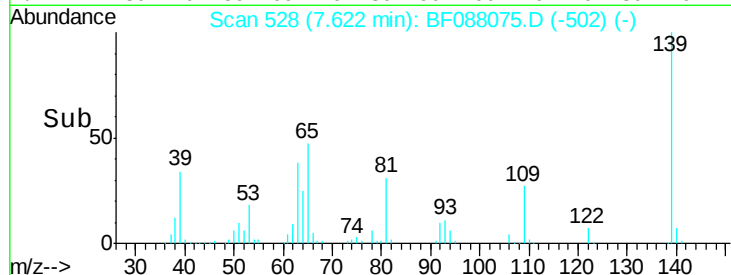
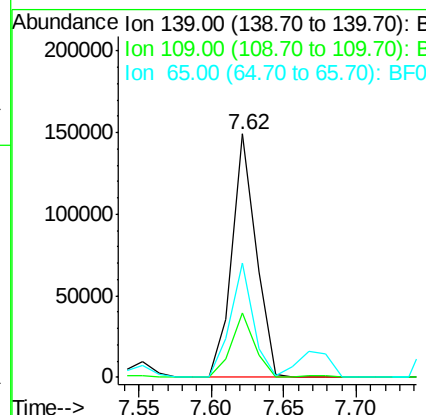
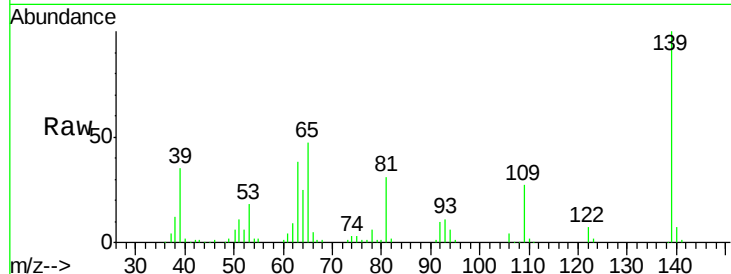
#26
 2-Nitrophenol
 Concen: 41.25 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.7	23.0	34.4	
65	46.9	45.8	68.8	

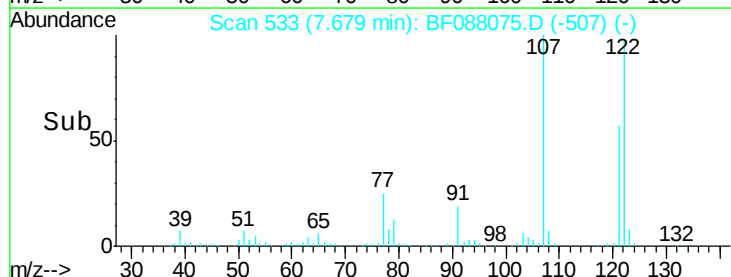
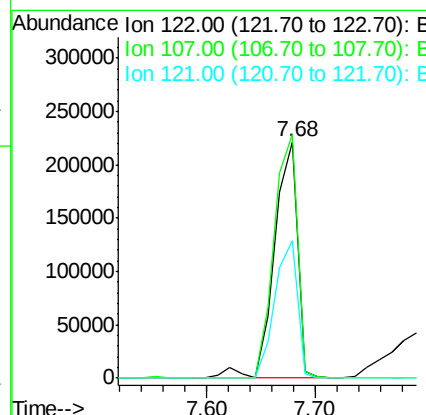
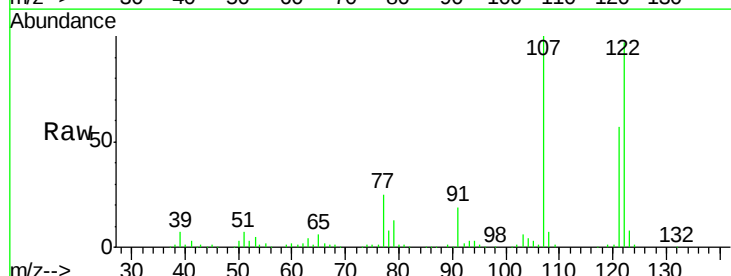
Manual Integrations
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#27
 2,4-Dimethylphenol
 Concen: 42.52 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	103.2	82.4	123.6	
121	58.5	46.3	69.5	





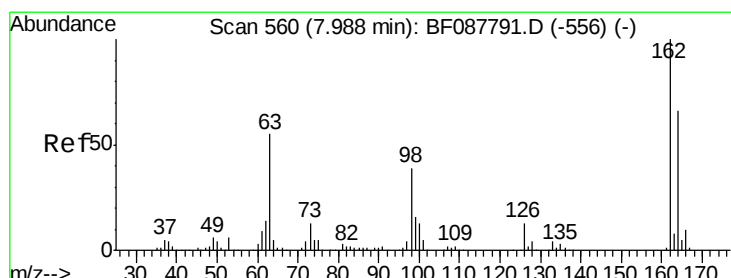
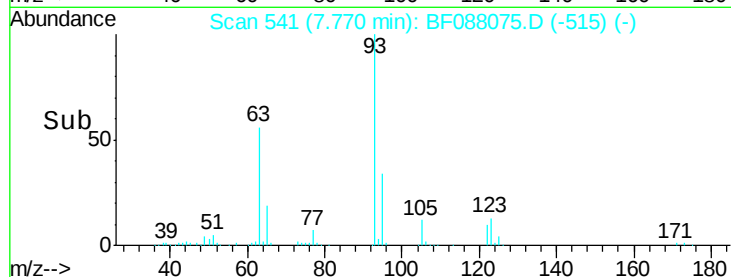
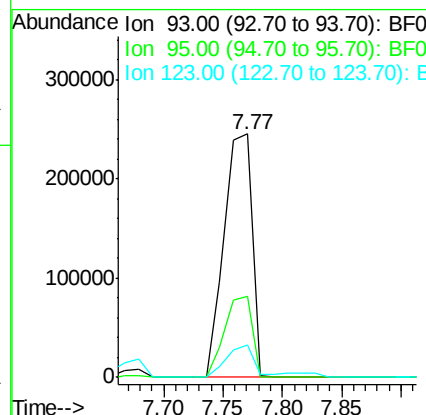
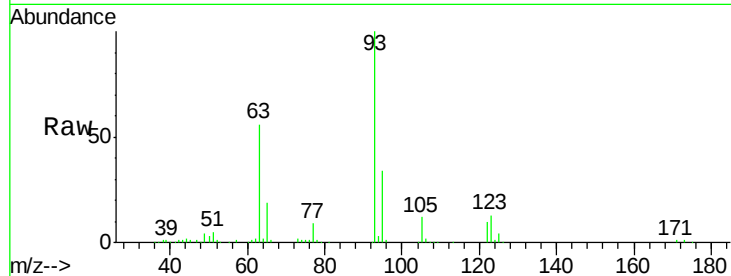
#28
bis(2-Chloroethoxy)methane
Concen: 43.25 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.5	26.5	39.7	
123	13.4	11.6	17.4	

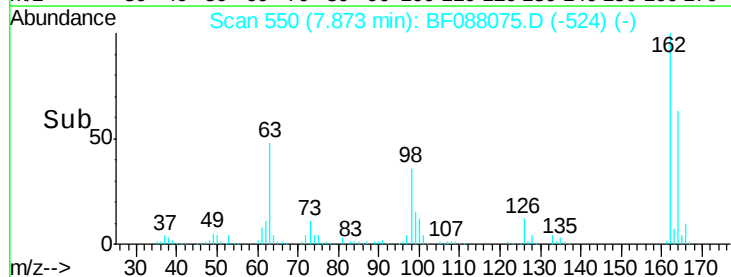
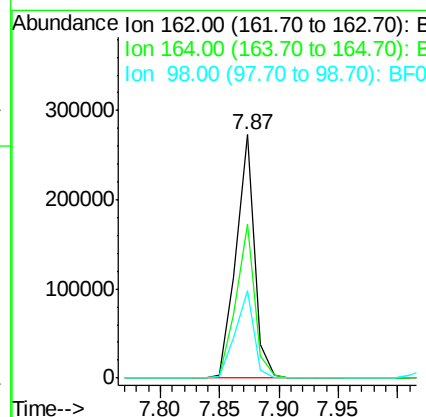
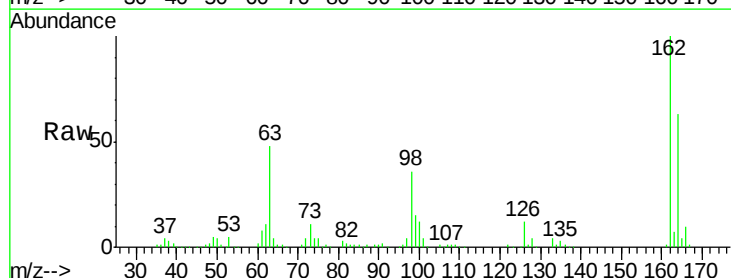
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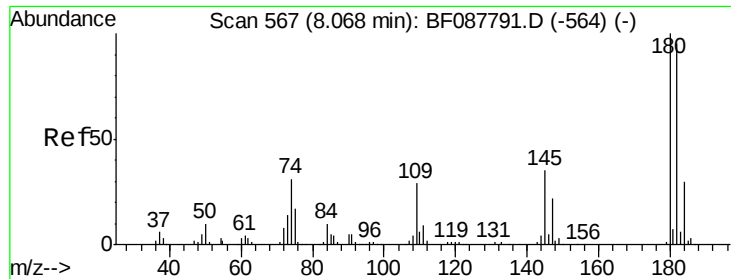
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#29
2,4-Dichlorophenol
Concen: 46.01 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.5	43.8	83.8	
98	36.2	21.3	61.3	





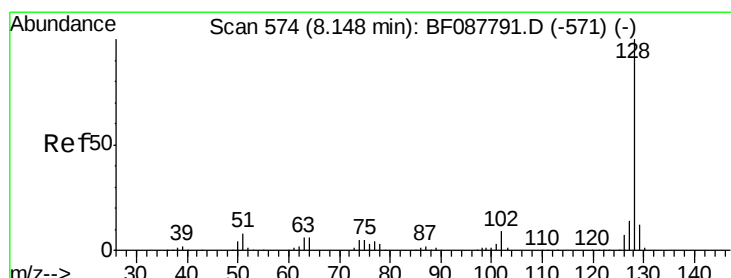
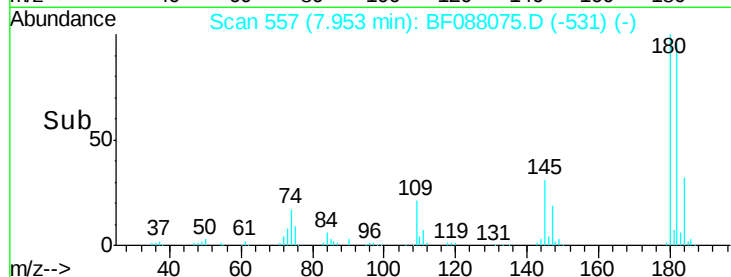
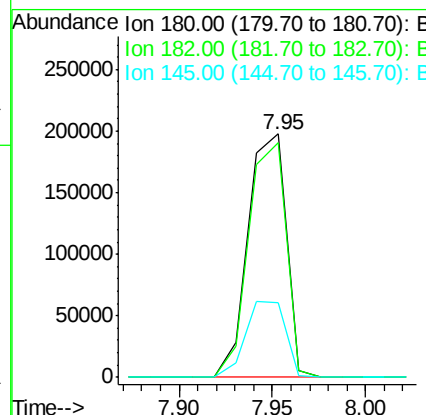
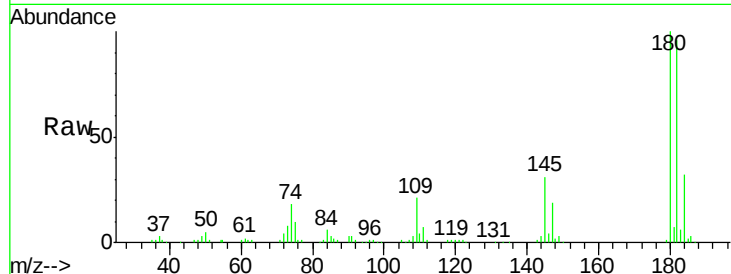
#30
 1,2,4-Trichlorobenzene
 Concen: 40.39 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Instrument :
 BNA_F
 ClientSampleID :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	283380		
182	96.4	76.0	114.0	
145	30.6	26.5	39.7	

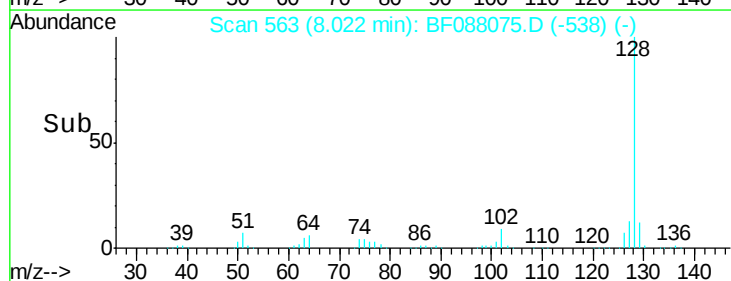
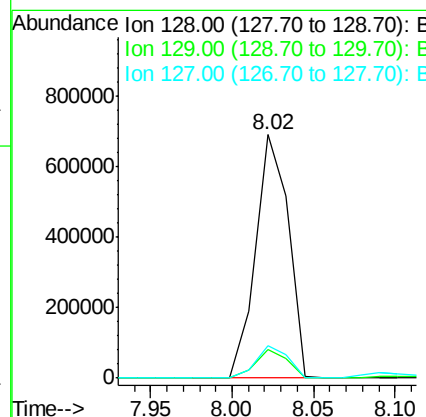
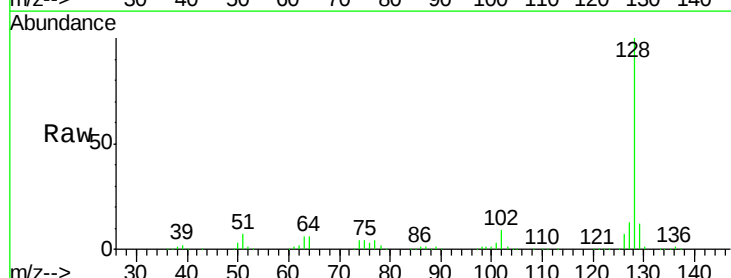
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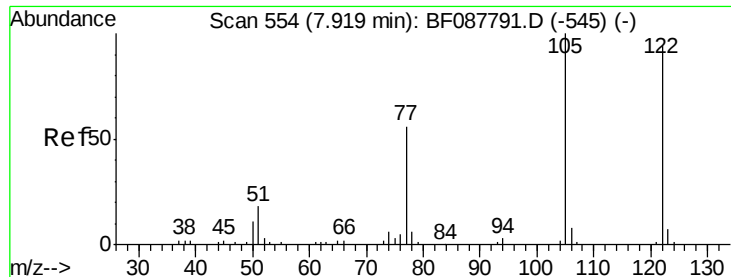
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#31
 Naphthalene
 Concen: 41.20 ng
 RT: 8.02 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	961642		
129	11.5	9.4	14.2	
127	13.3	10.9	16.3	





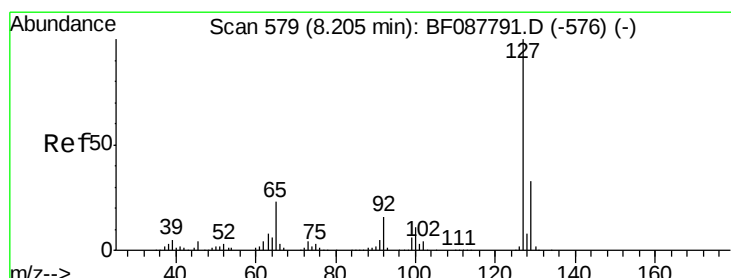
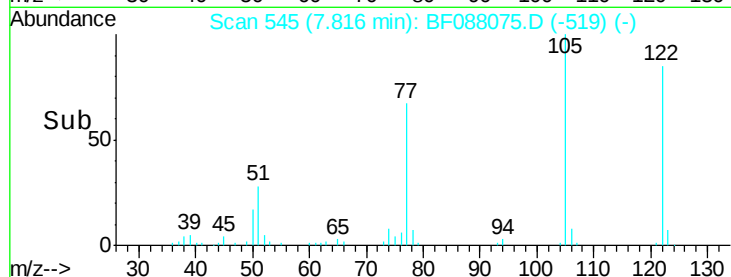
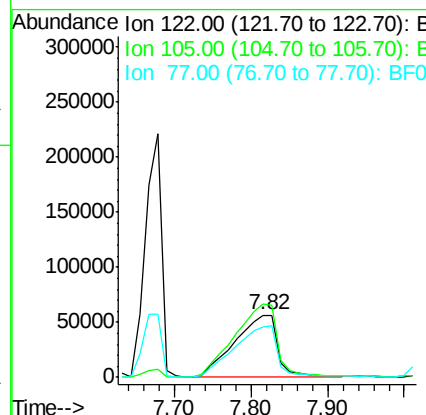
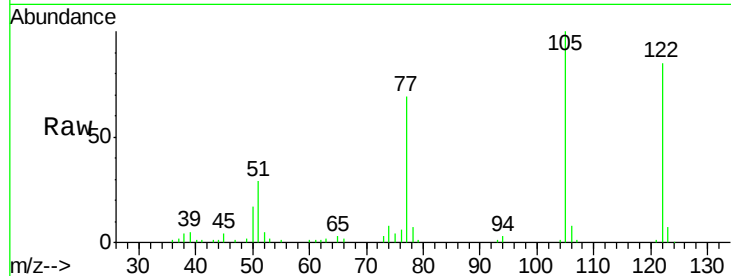
#32
Benzoic acid
Concen: 51.61 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
122	100		
105	117.0	101.6	141.6
77	80.3	70.6	110.6

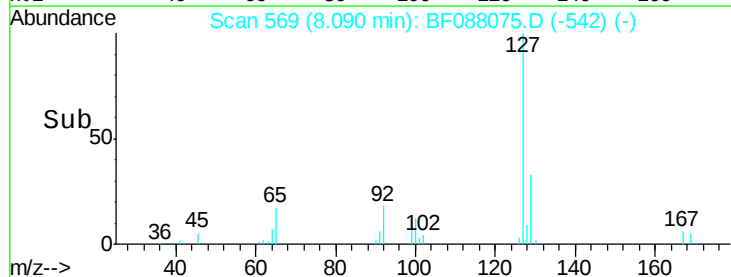
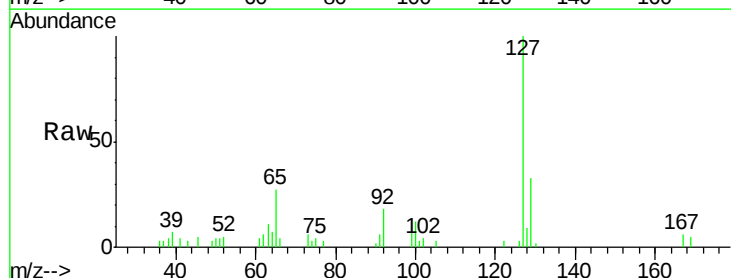
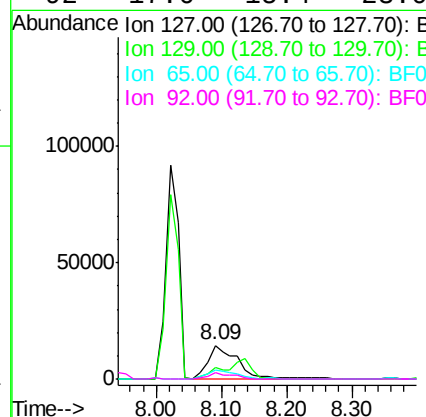
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#33
4-Chloroaniline
Concen: 4.44 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	27.0	24.7	37.1
92	17.6	15.4	23.0





#34

Hexachlorobutadiene

Concen: 38.79 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

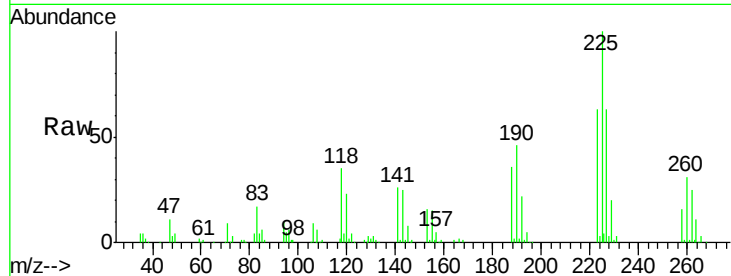
ClientSampleId :

HSR-WC-52-060916MSD

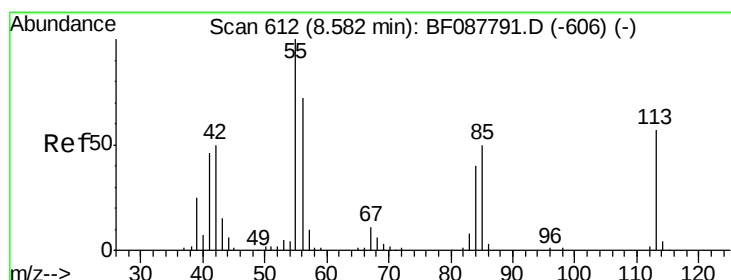
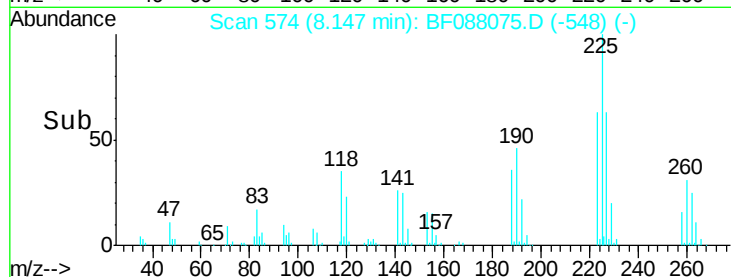
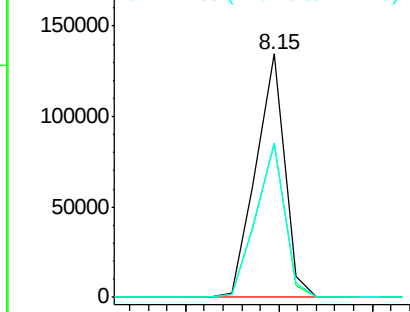
Tot Ion:	225	Resp:	143516
Ion Ratio		Lower	Upper
225	100		
223	63.4	50.9	76.3
227	63.1	51.9	77.9

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



#35

Caprolactam

Concen: 48.05 ng m

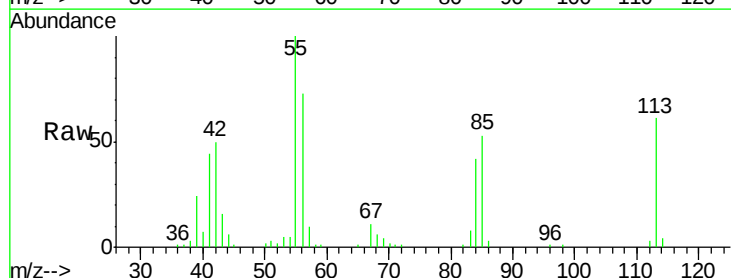
RT: 8.47 min Scan# 602

Delta R.T. -0.00 min

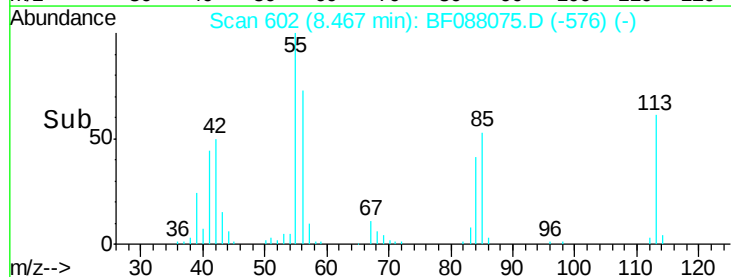
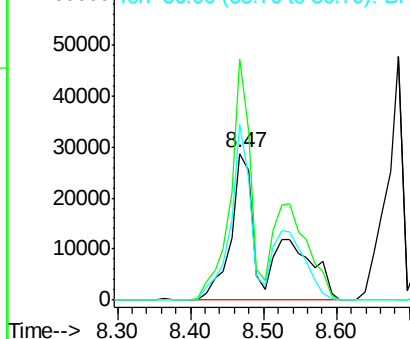
Lab File: BF088075.D

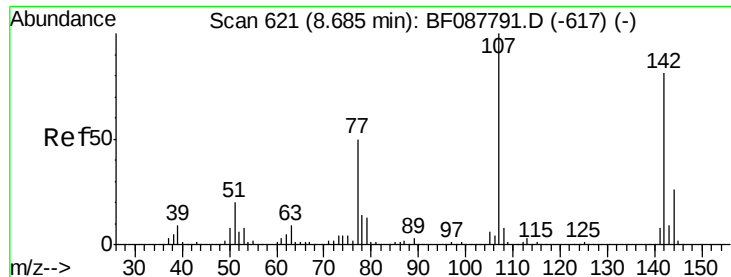
Acq: 16 Jun 2016 14:56

Tgt Ion:	113	Resp:	102533
Ion Ratio		Lower	Upper
113	100		
55	164.8	158.6	198.6
56	119.6	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





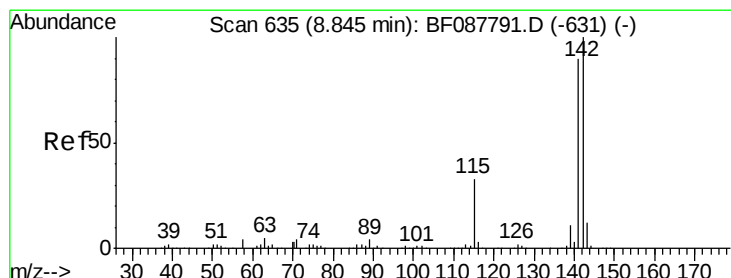
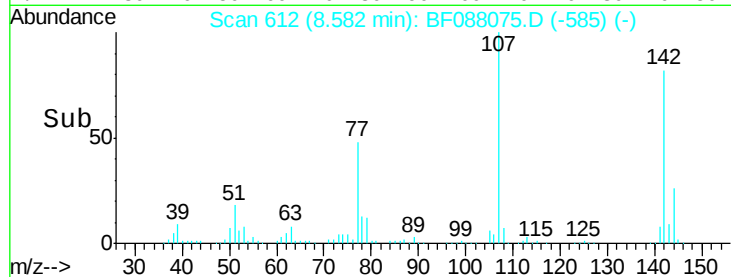
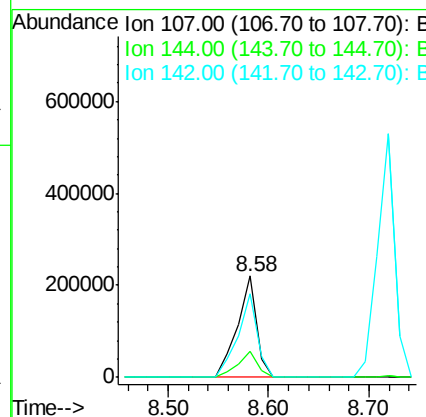
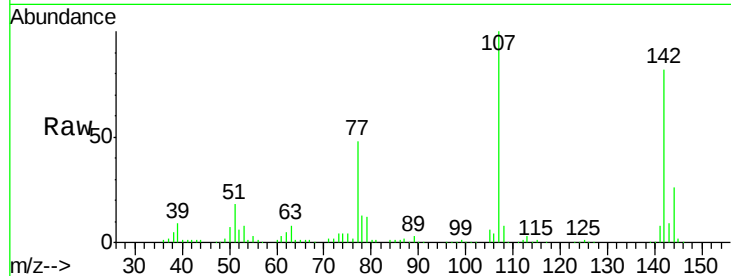
#36
 4-Chloro-3-methylphenol
 Concen: 43.11 ng
 RT: 8.58 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	296994		
144	26.1	20.8	31.2	
142	81.9	63.4	95.2	

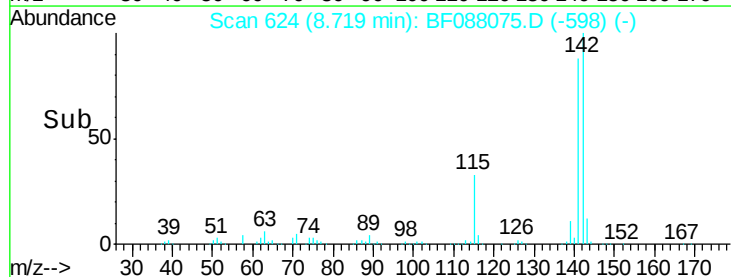
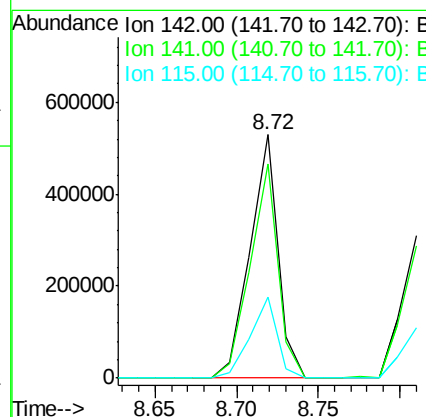
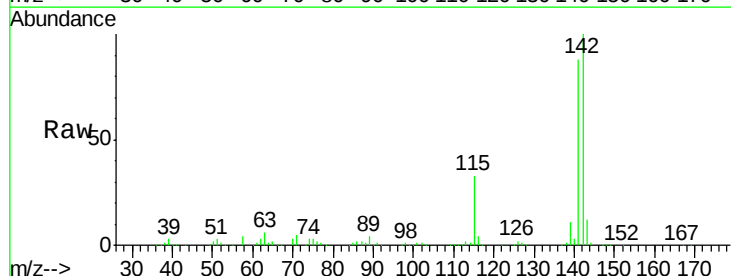
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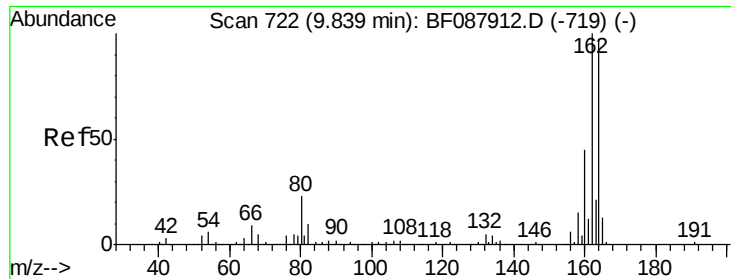
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#37
 2-Methylnaphthalene
 Concen: 40.86 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	628639		
141	88.0	71.0	106.6	
115	33.3	22.6	33.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF088075.D

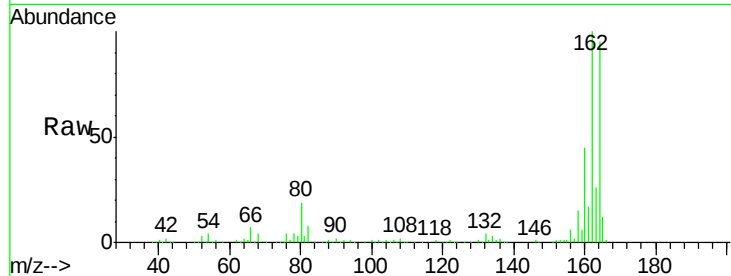
Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

ClientSampleId :

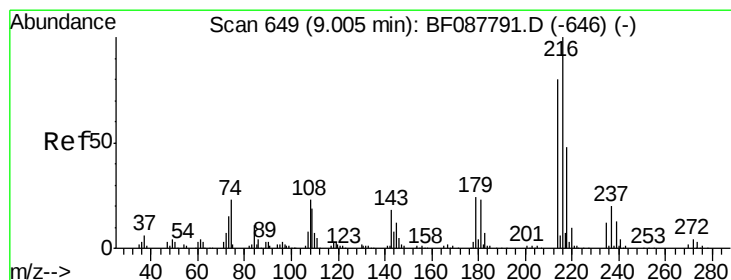
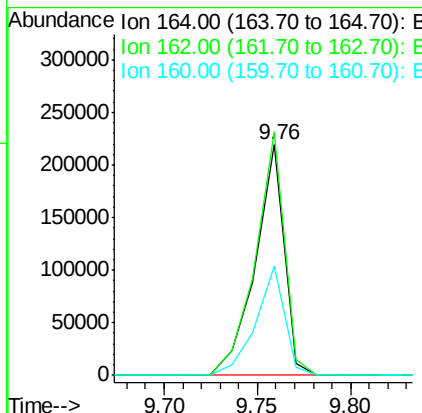
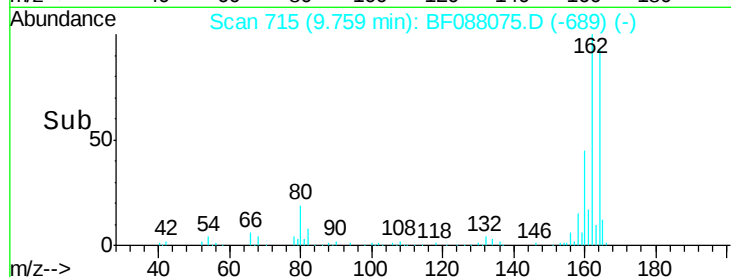
HSR-WC-52-060916MSD



Tot Ion	164	Resp	234198
Ion Ratio	Lower	Upper	
164	100		
162	105.6	85.4	128.2
160	47.3	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.42 ng

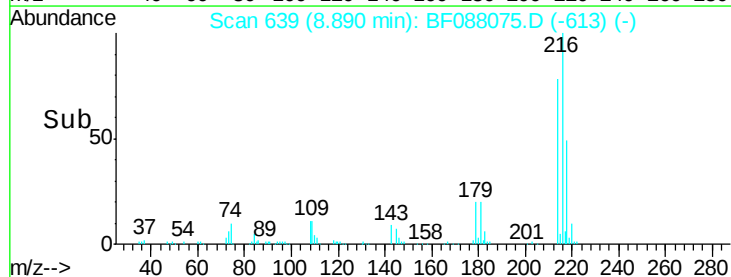
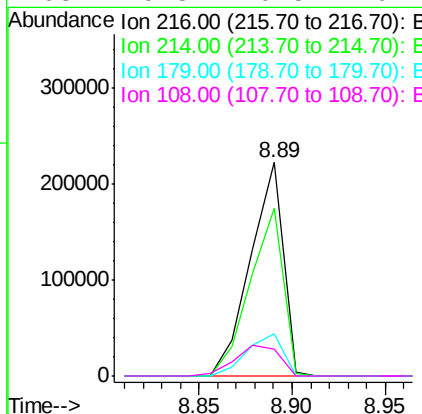
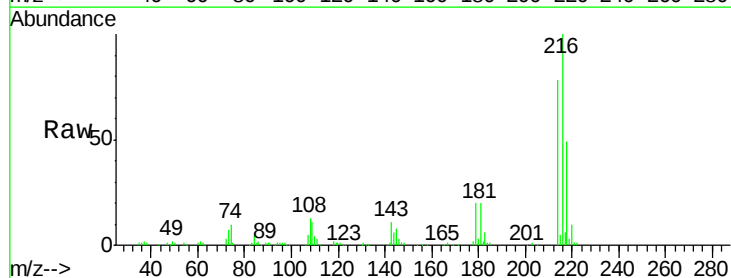
RT: 8.89 min Scan# 639

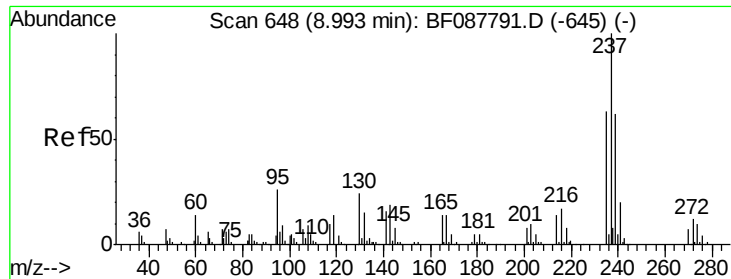
Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion	216	Resp	271963
Ion Ratio	Lower	Upper	
216	100		
214	79.3	2.9	4.3#
179	21.9	0.0	0.0#
108	19.8	0.5	0.7#





#40

Hexachlorocyclopentadiene

Concen: 43.15 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

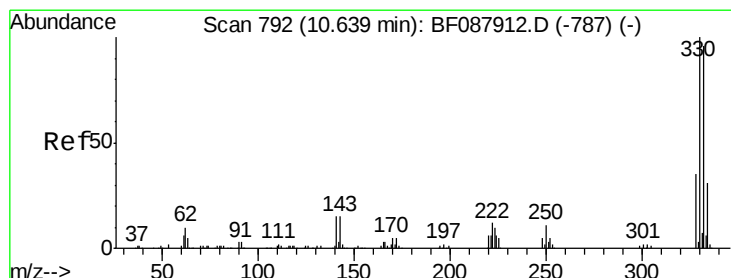
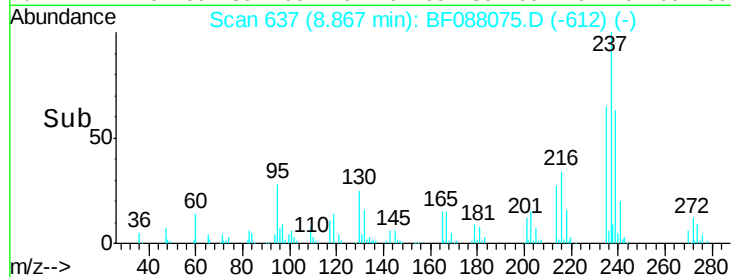
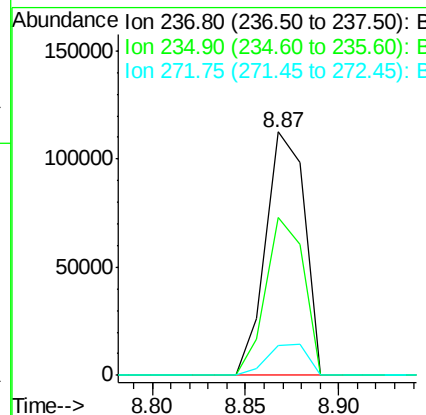
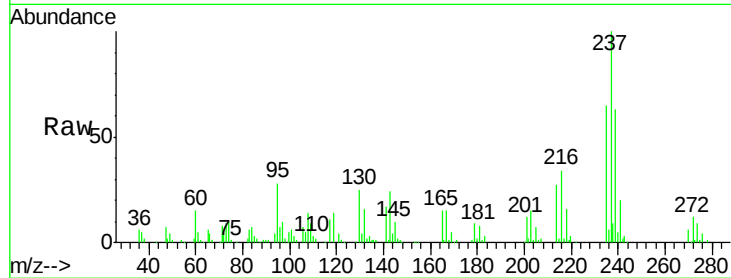
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	237	Resp:	163004
Ion Ratio	Lower	Upper	
237	100		
235	64.8	43.4	83.4
272	12.1	0.0	32.3

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#41

2,4,6-Tribromophenol

Concen: 97.62 ng

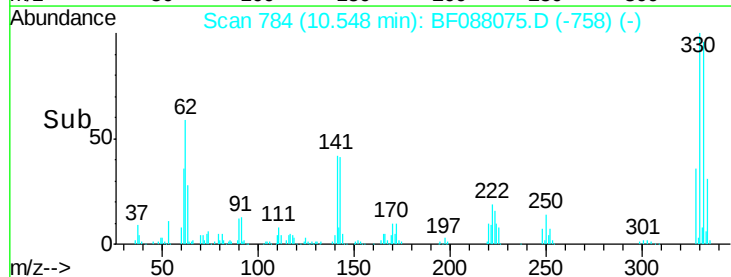
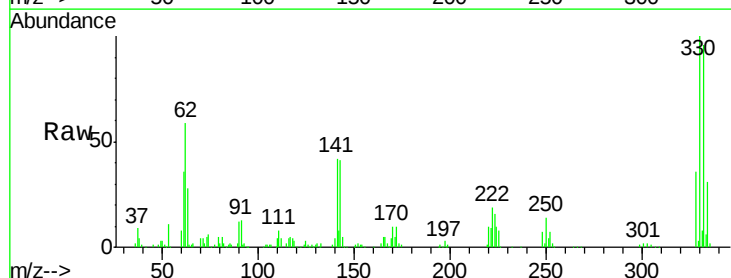
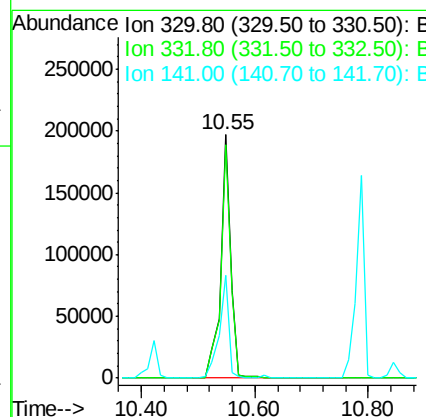
RT: 10.55 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion:	330	Resp:	241397
Ion Ratio	Lower	Upper	
330	100		
332	96.5	0.0	0.0#
141	39.4	0.0	0.0#





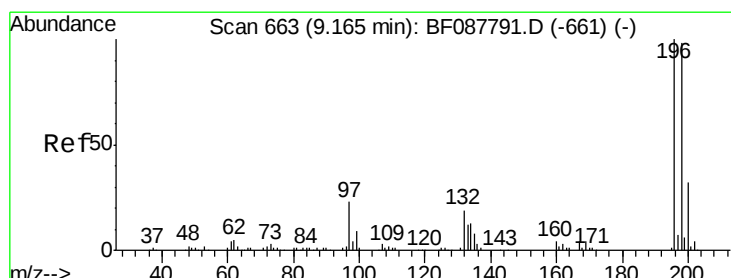
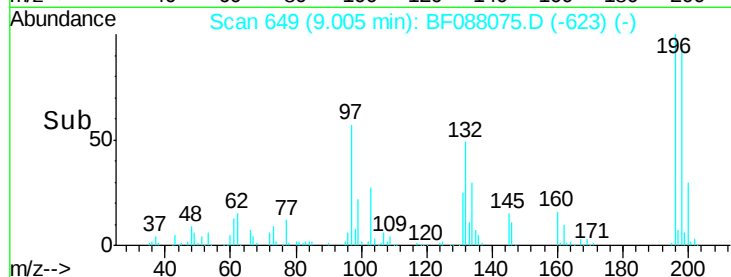
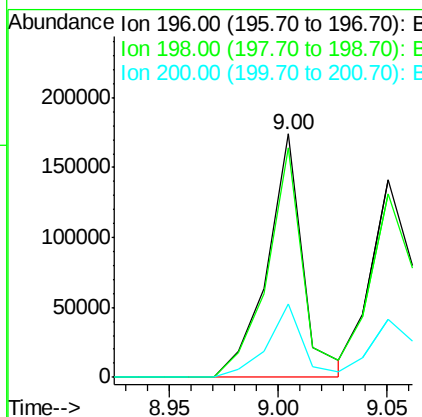
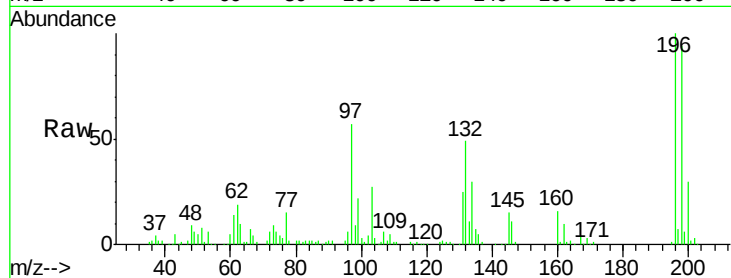
#42
 2,4,6-Trichlorophenol
 Concen: 42.49 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	198997		
198	94.4	78.0	117.0	
200	30.1	25.4	38.2	

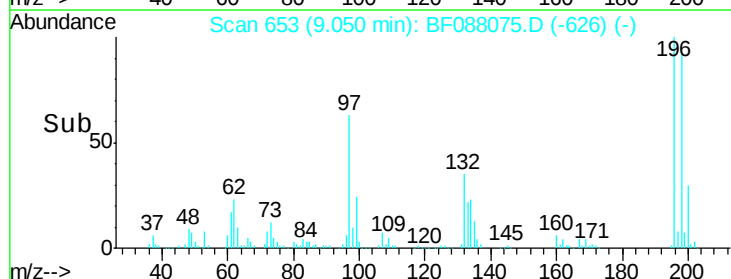
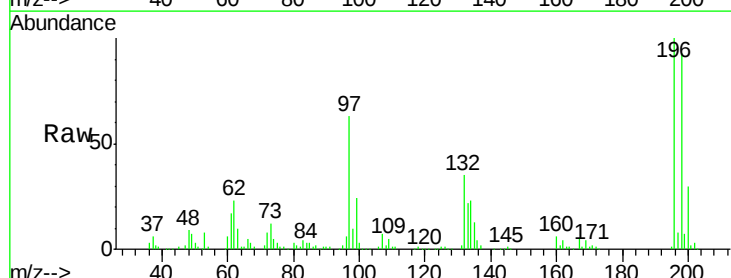
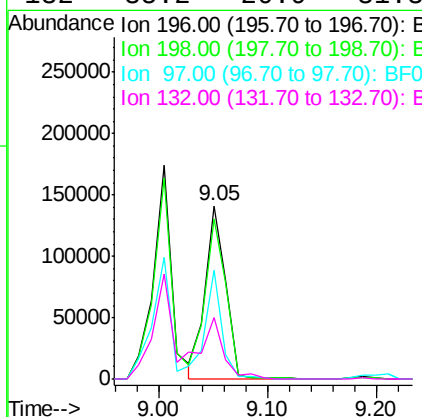
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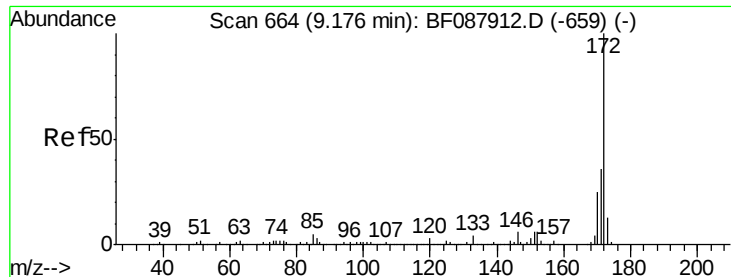
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#43
 2,4,5-Trichlorophenol
 Concen: 38.29 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.01 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186595		
198	92.6	77.5	116.3	
97	62.8	32.0	48.0#	
132	35.2	20.9	31.3#	





#44

2-Fluorobiphenyl

Concen: 75.38 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:172 Resp: 1133179

Ion Ratio Lower Upper

172 100

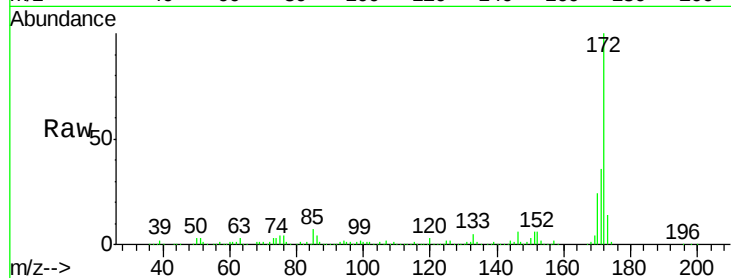
171 36.1 28.6 43.0

170 24.4 19.2 28.8

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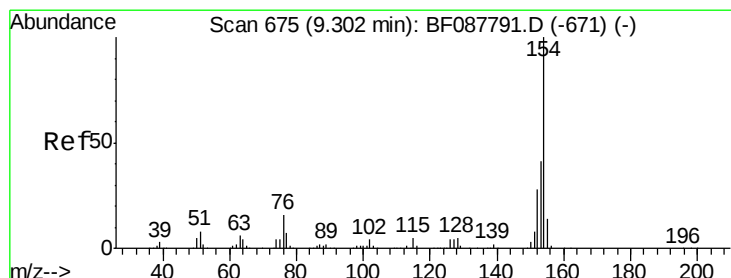
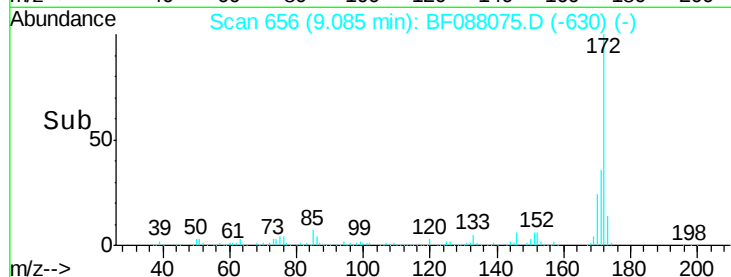
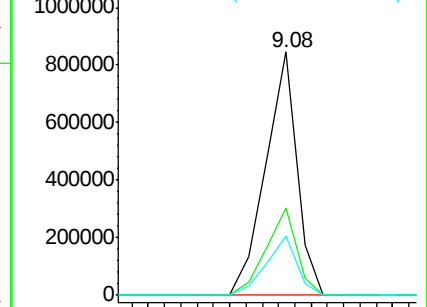
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 46.08 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

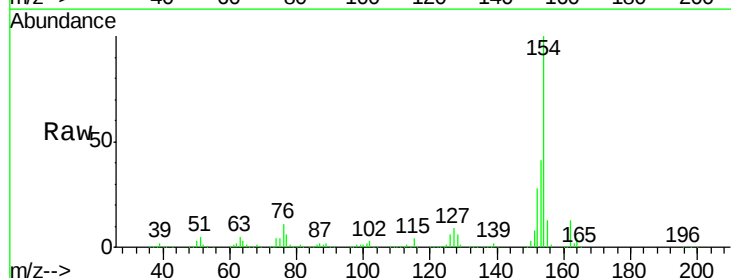
Tgt Ion:154 Resp: 807467

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

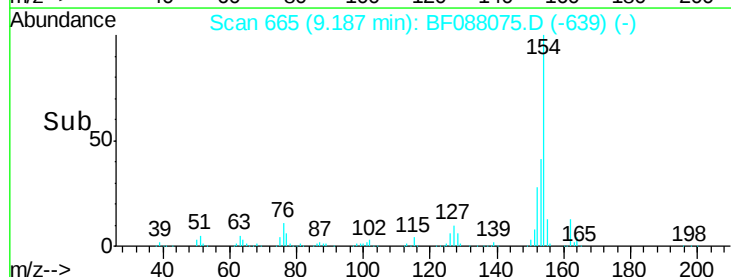
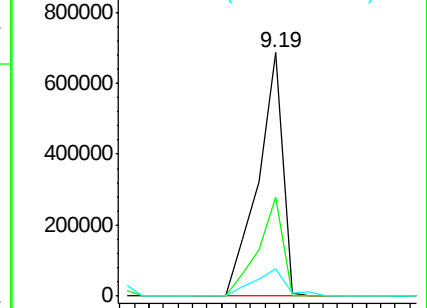
76 11.5 0.0 35.1

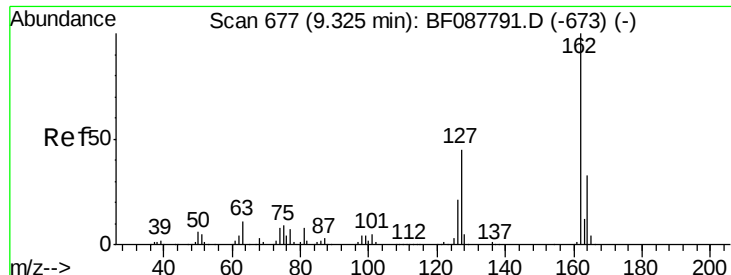


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





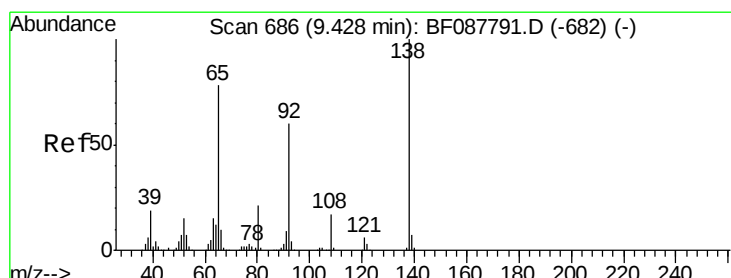
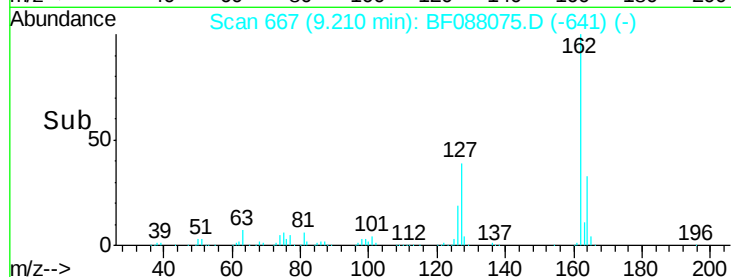
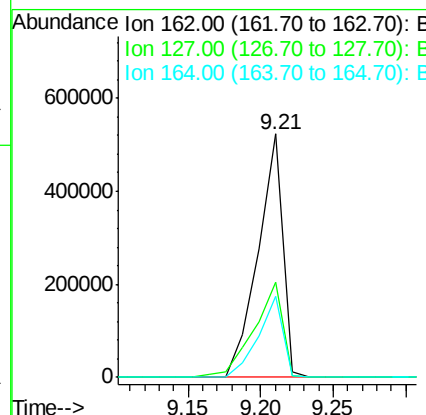
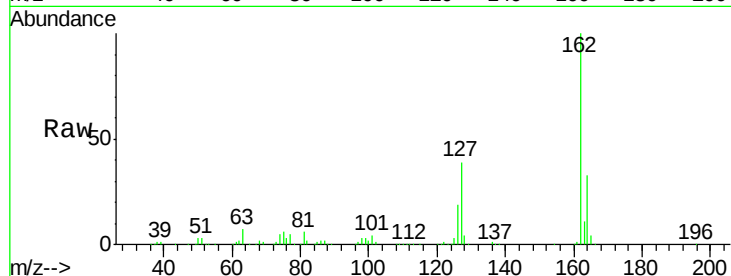
#46
2-Chloronaphthalene
Concen: 41.04 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	621959		
127	39.2		35.2	52.8
164	33.3		26.6	39.8

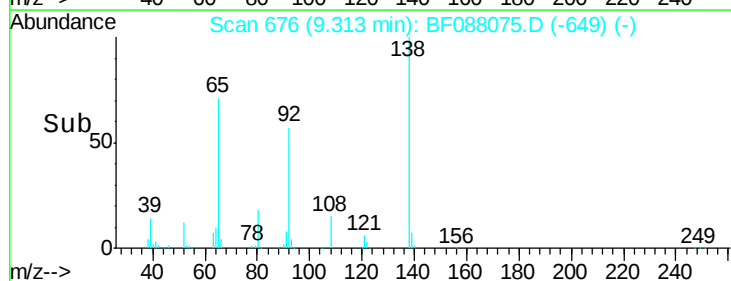
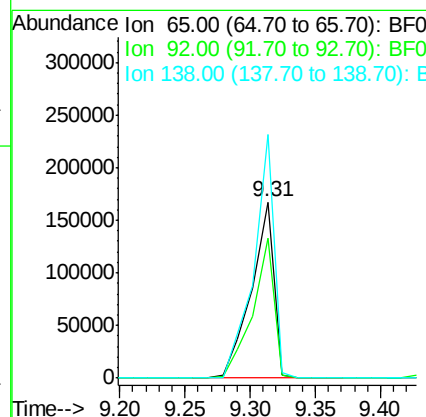
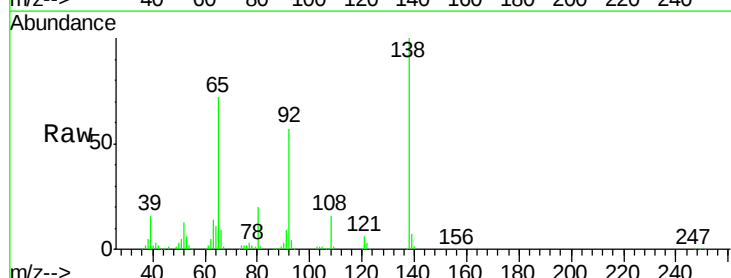
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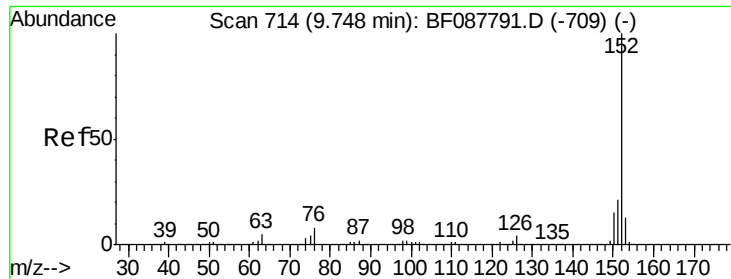
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#47
2-Nitroaniline
Concen: 45.22 ng
RT: 9.31 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	202162		
92	79.4		54.6	82.0
138	138.4		77.0	115.4#





#48

Acenaphthylene

Concen: 39.90 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

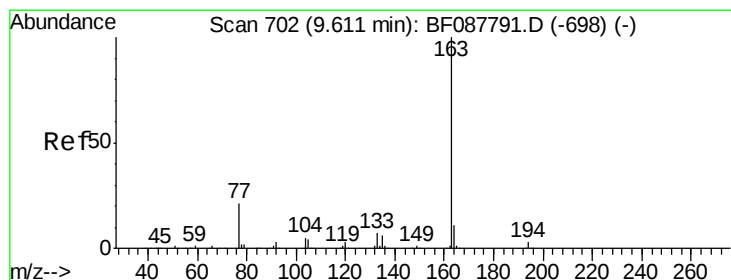
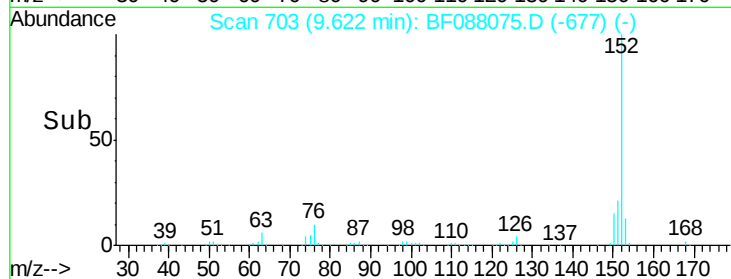
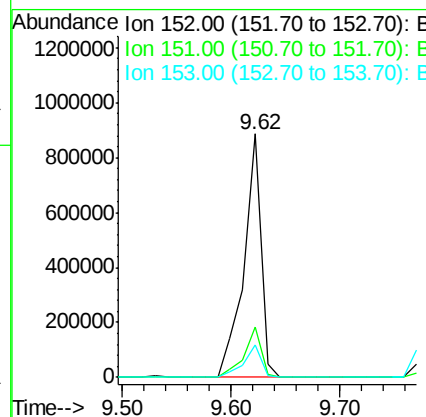
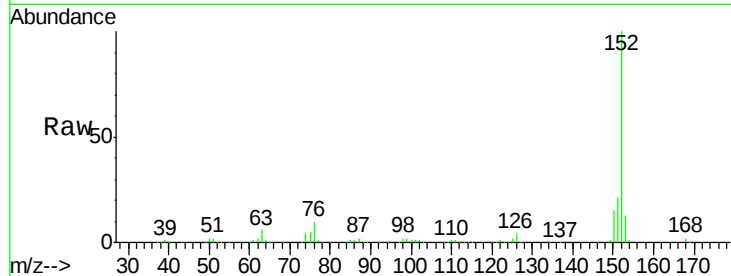
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	152	Resp:	961887
Ion Ratio		Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.5	11.0	16.6

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#49

Dimethylphthalate

Concen: 43.49 ng

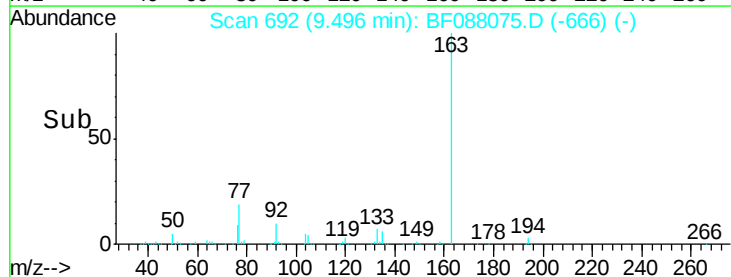
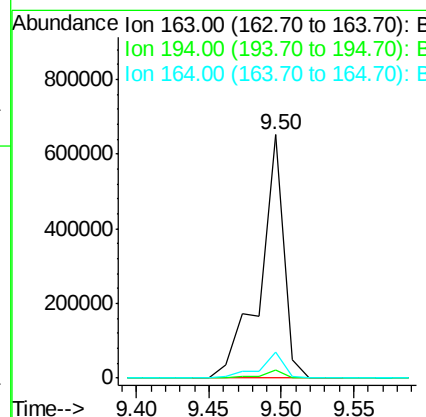
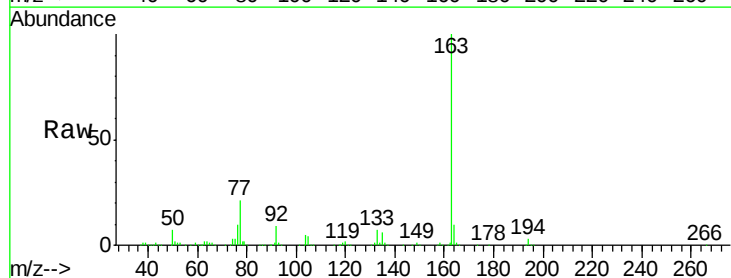
RT: 9.50 min Scan# 692

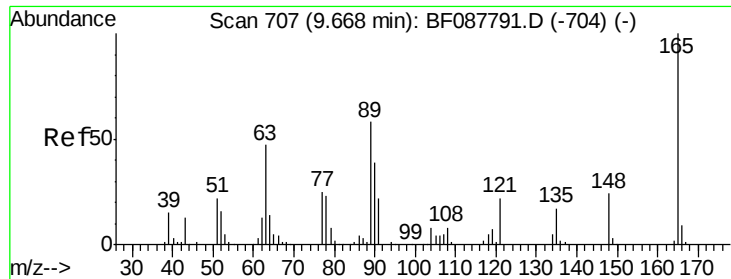
Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion:	163	Resp:	737739
Ion Ratio		Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.5	8.3	12.5





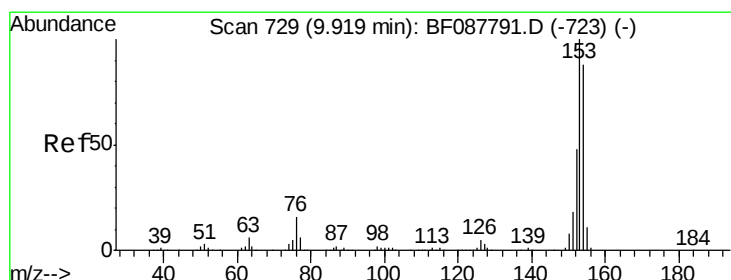
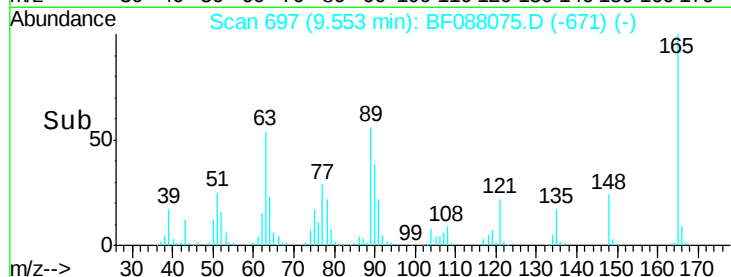
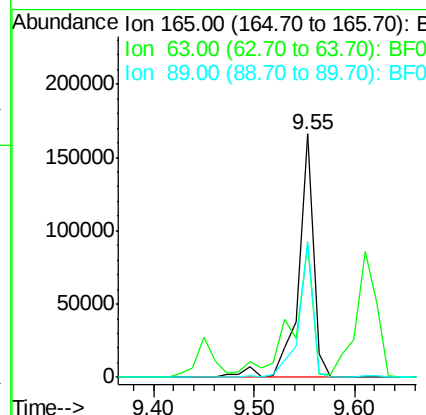
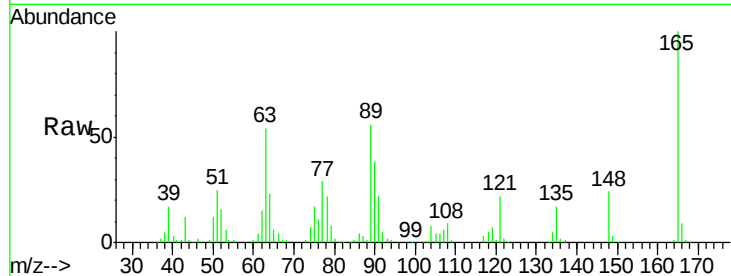
#50
 2,6-Dinitrotoluene
 Concen: 44.81 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.3	28.1	42.1#	
89	55.7	32.2	48.2#	

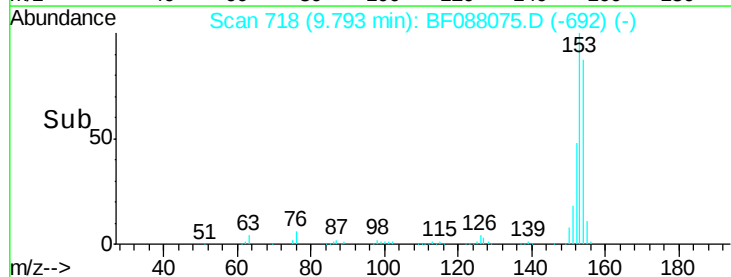
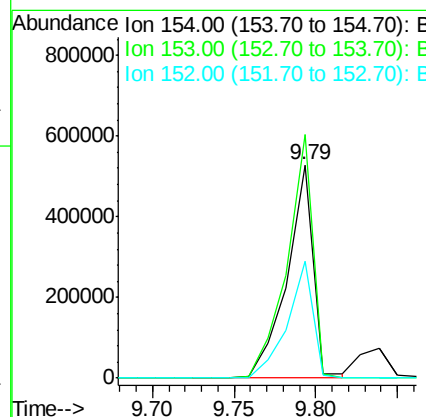
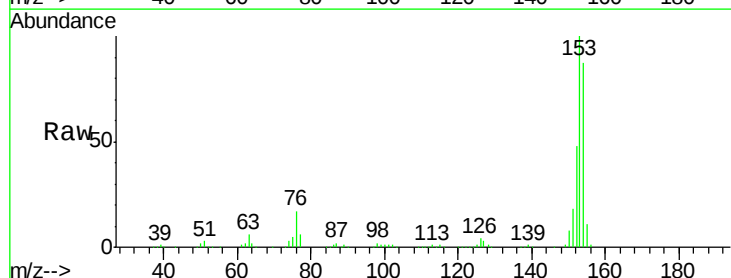
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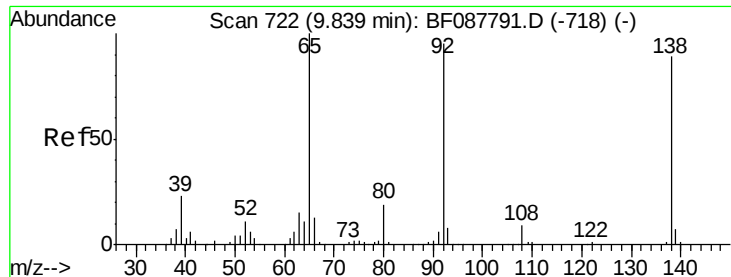
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#51
 Acenaphthene
 Concen: 39.32 ng
 RT: 9.79 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.3	89.5	134.3	
152	54.7	42.7	64.1	





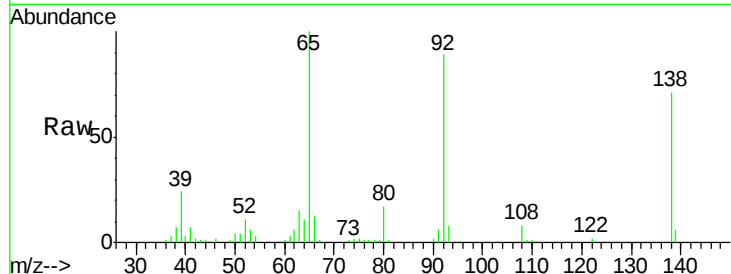
#52
3-Nitroaniline
Concen: 8.57 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

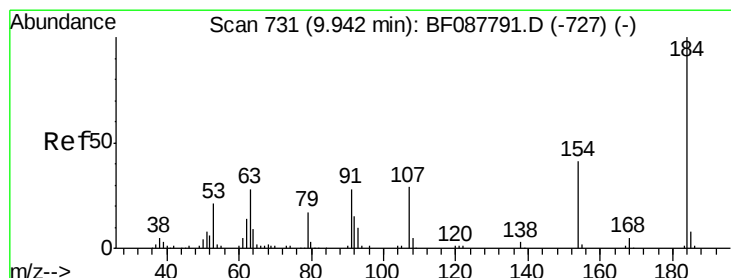
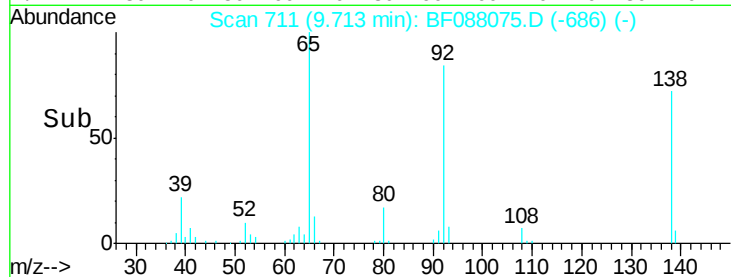
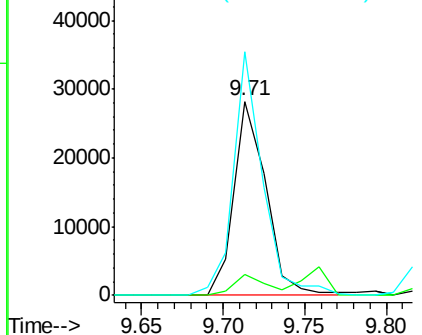
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.5	12.7
92	125.4	95.7	143.5

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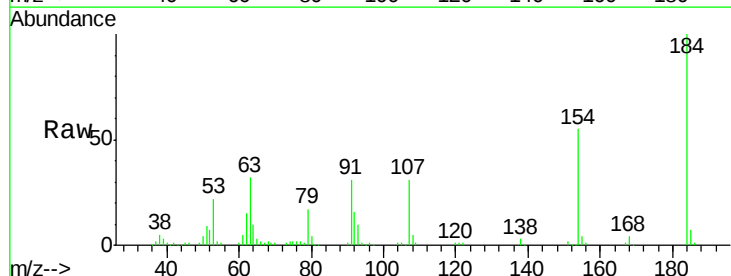


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

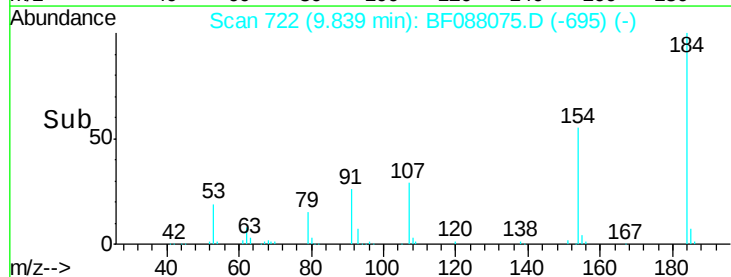
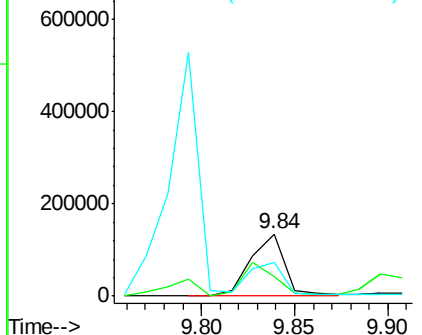


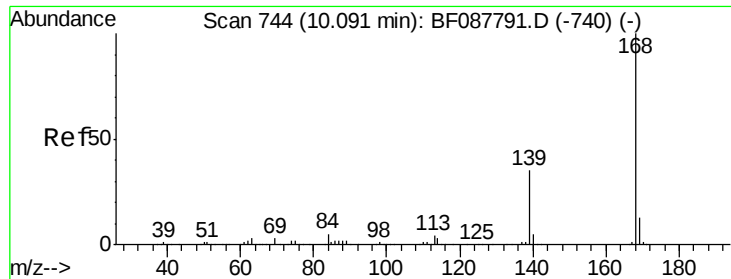
#53
2,4-Dinitrophenol
Concen: 81.96 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	32.2	57.6	86.4#
154	55.1	53.5	80.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 37.10 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF088075.D

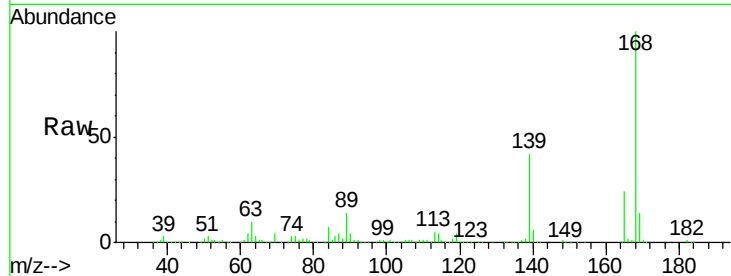
Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

ClientSampleId :

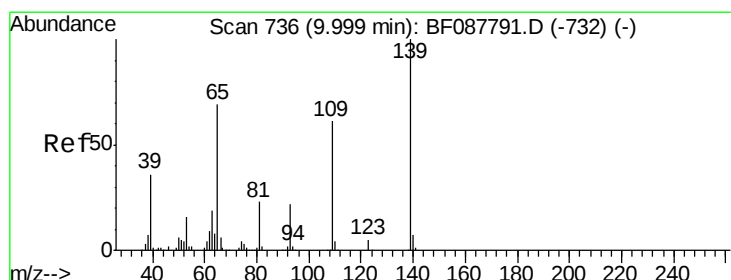
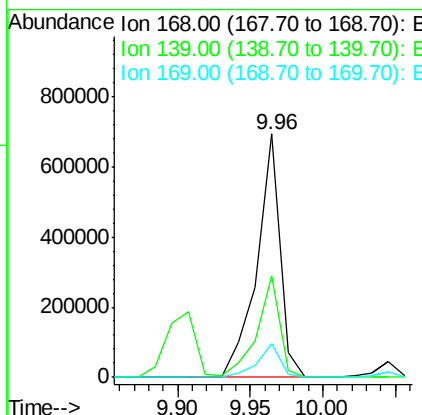
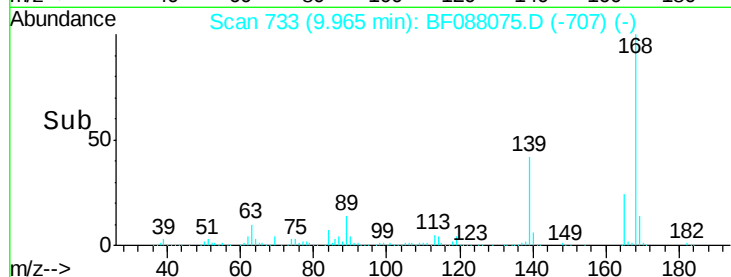
HSR-WC-52-060916MSD



Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	26.4	39.6#
169	13.7	10.4	15.6

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#55

4-Nitrophenol

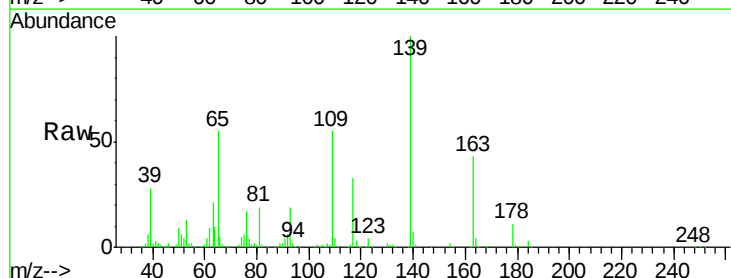
Concen: 76.36 ng

RT: 9.91 min Scan# 728

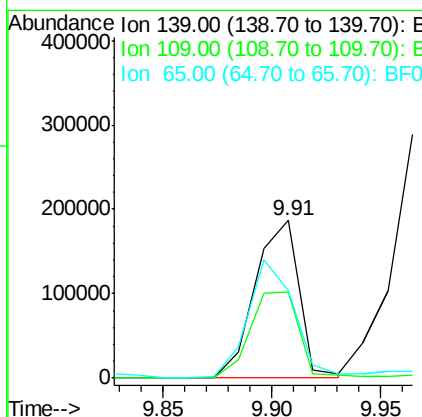
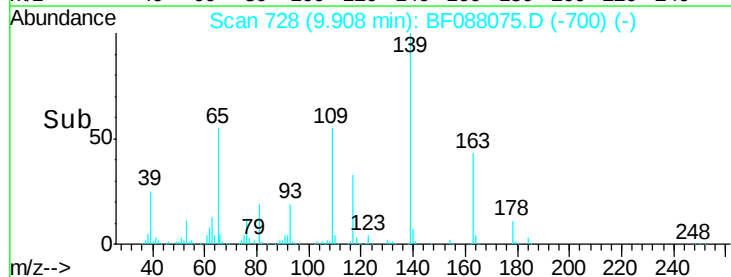
Delta R.T. 0.02 min

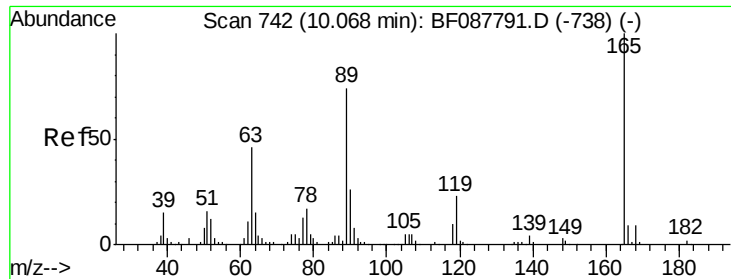
Lab File: BF088075.D

Acq: 16 Jun 2016 14:56



Tgt Ion	Ratio	Lower	Upper
139	100		
109	54.9	48.9	88.9
65	55.5	84.9	124.9#





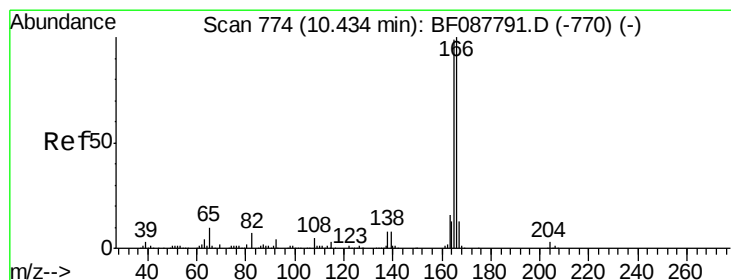
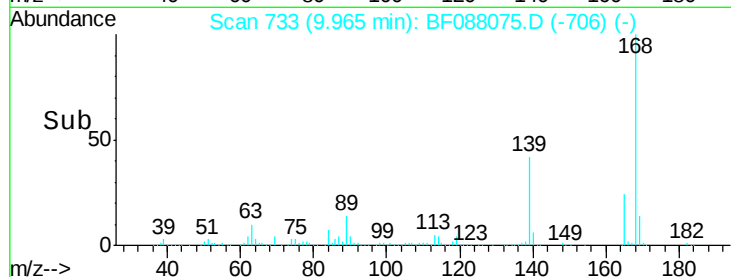
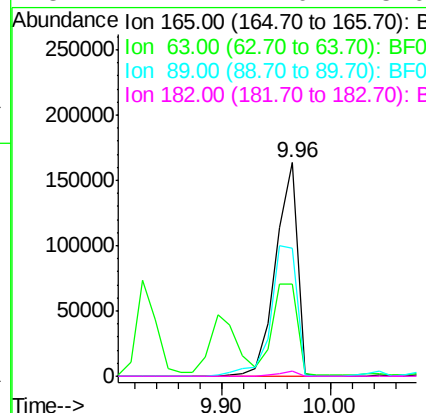
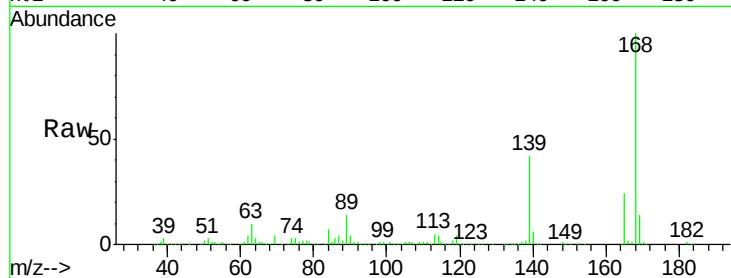
#56
2,4-Dinitrotoluene
Concen: 45.20 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		225705		
63	43.1	22.0	33.0#		
89	60.0	41.1	61.7		
182	2.4	2.0	3.0		

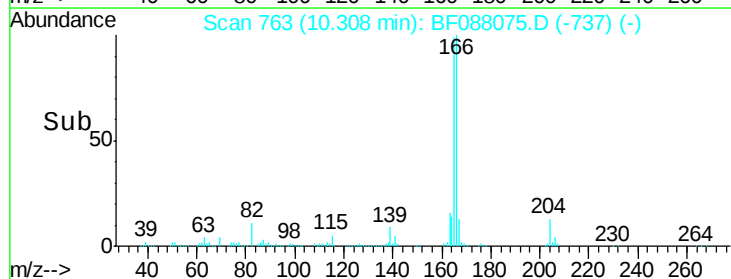
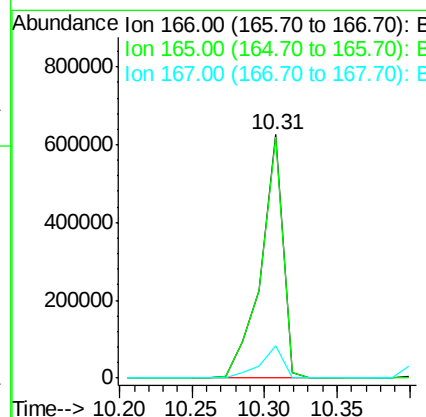
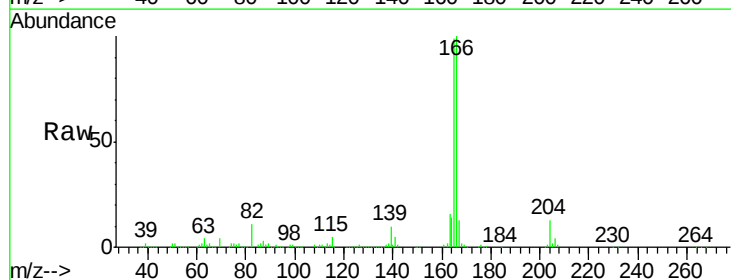
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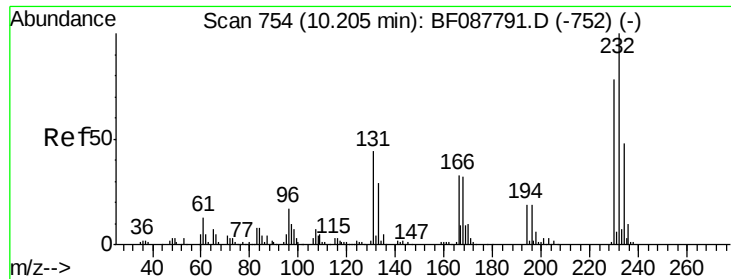
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#57
Fluorene
Concen: 47.57 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		661872		
165	99.0	77.8	116.8		
167	13.4	11.2	16.8		





#58

2,3,4,6-Tetrachlorophenol

Concen: 40.97 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:232 Resp: 156873

Ion Ratio Lower Upper

232 100

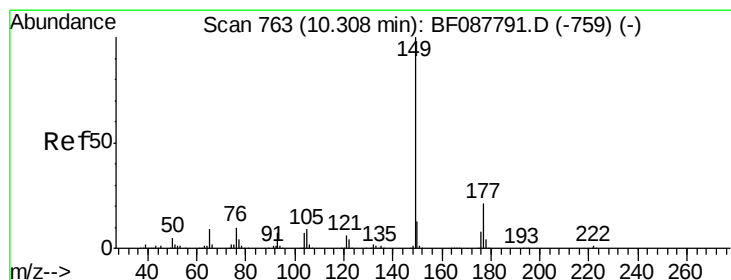
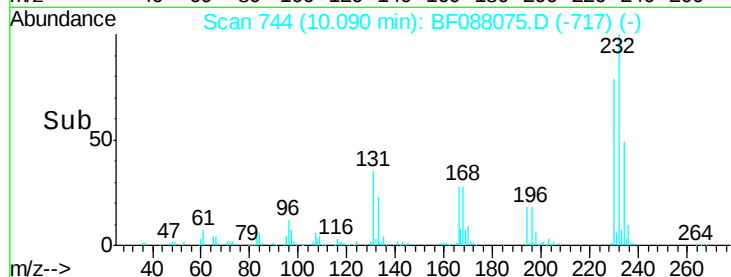
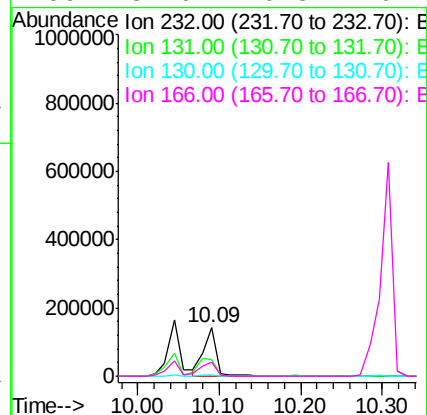
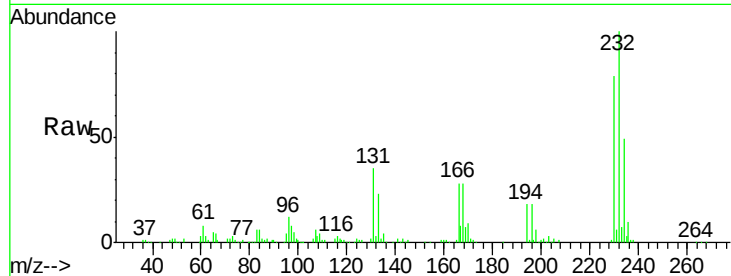
131 52.1 0.9 1.3#

130 2.4 1.5 2.3#

166 34.9 0.5 0.7#

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#59

Diethylphthalate

Concen: 43.57 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

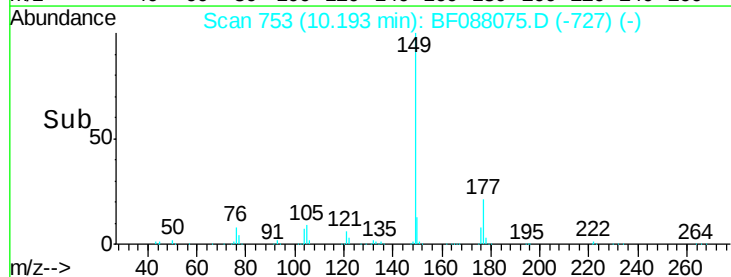
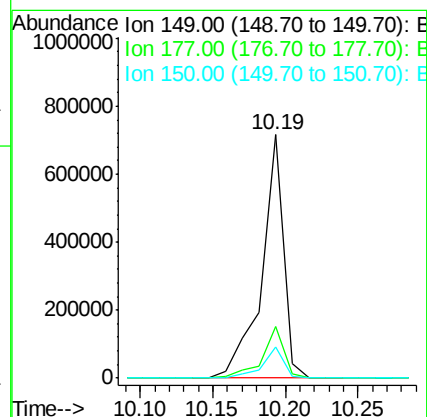
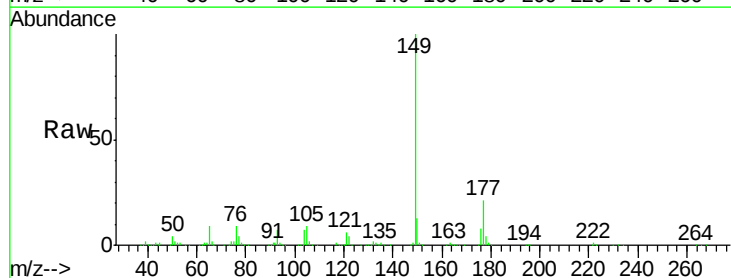
Tgt Ion:149 Resp: 748281

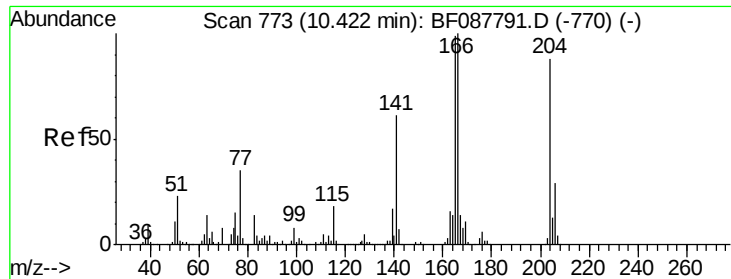
Ion Ratio Lower Upper

149 100

177 21.0 16.9 25.3

150 12.6 10.1 15.1





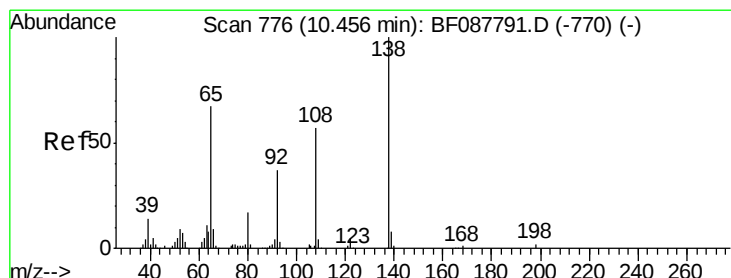
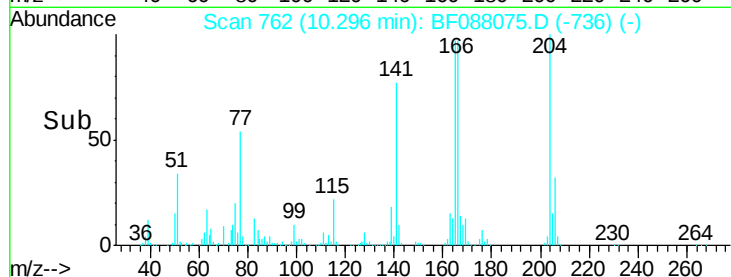
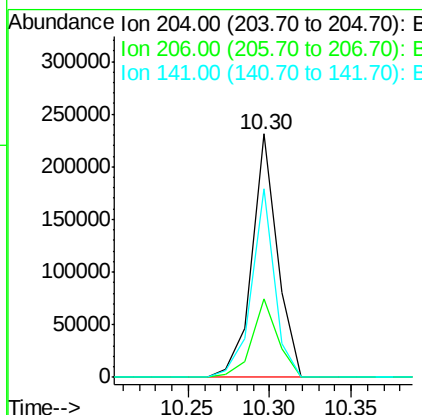
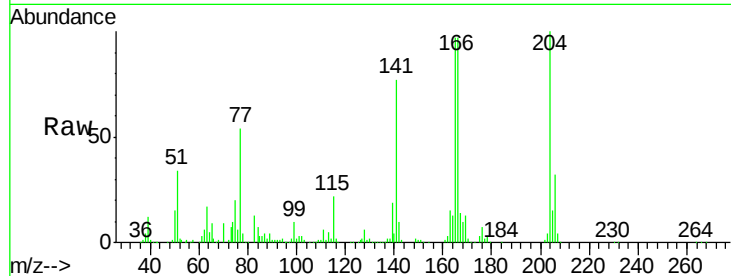
#60
4-Chlorophenyl-phenylether
Concen: 36.49 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	77.3	55.0	82.6

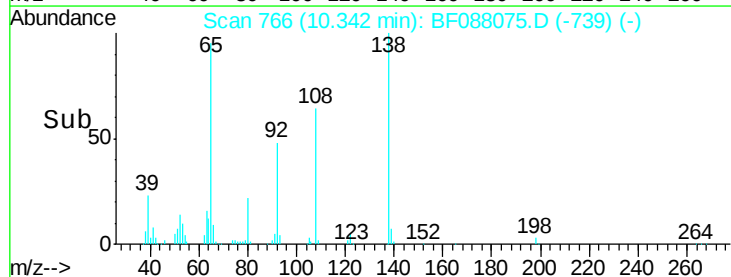
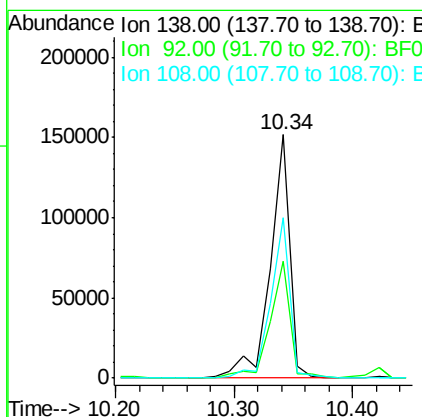
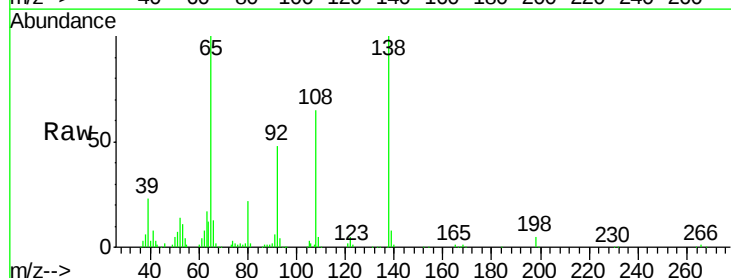
Manual Integrations
APPROVED

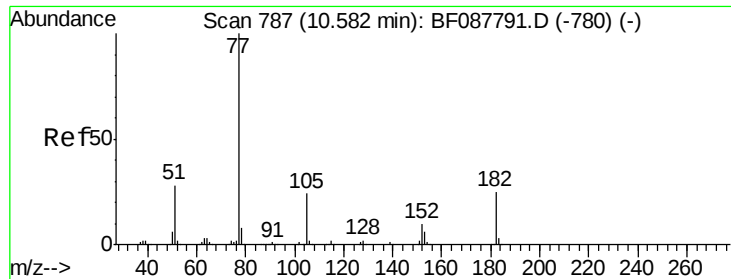
sohil
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#61
4-Nitroaniline
Concen: 41.09 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	27.3	67.3
108	65.7	46.7	86.7





#62

Azobenzene

Concen: 40.86 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF088075.D

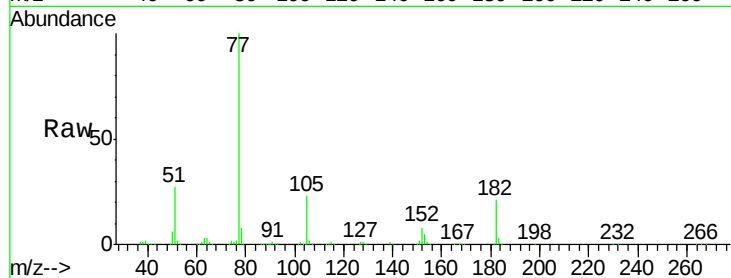
Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

ClientSampleId :

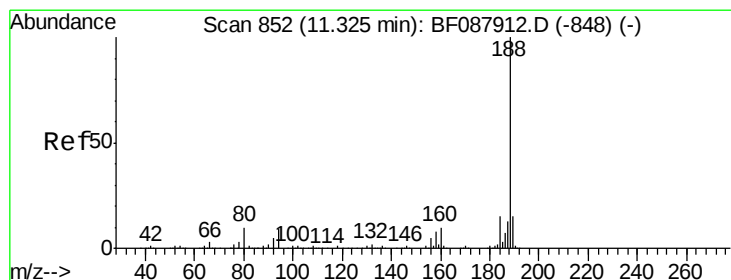
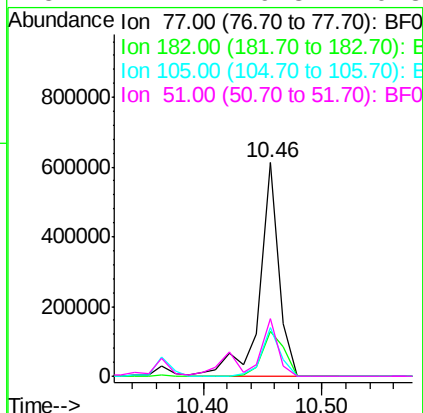
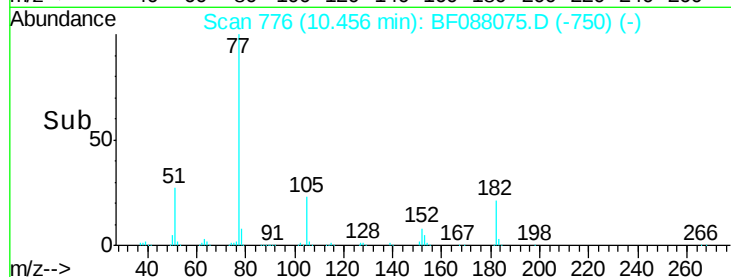
HSR-WC-52-060916MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	20.8	4.4	44.4		
105	23.1	3.8	43.8		
51	27.1	9.3	49.3		

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng

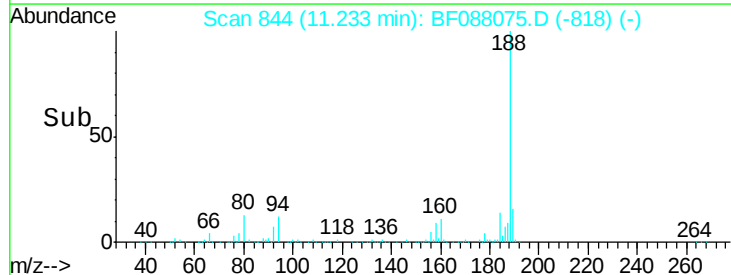
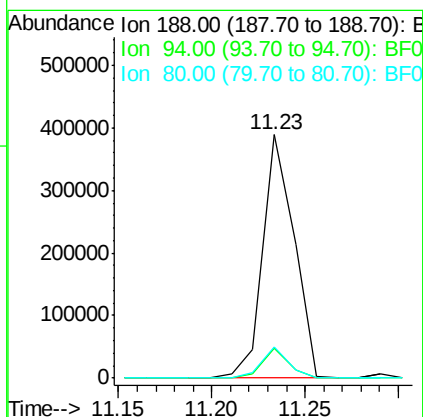
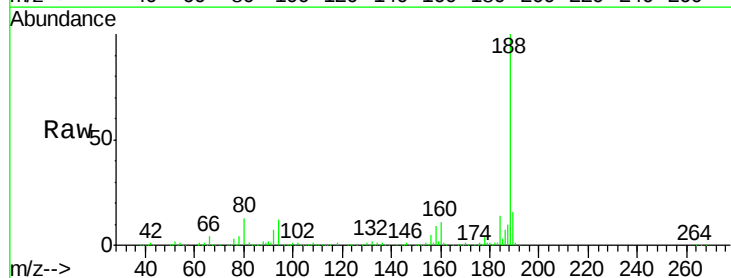
RT: 11.23 min Scan# 844

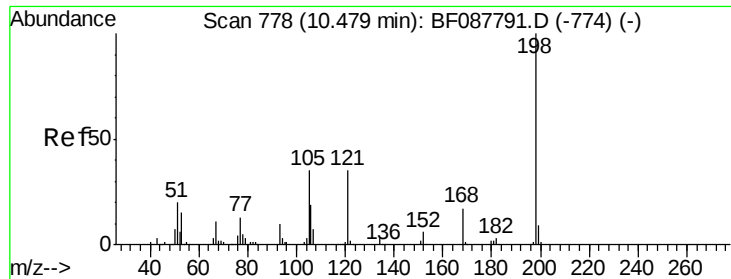
Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	12.3	9.0	13.6		
80	12.8	10.0	15.0		





#64

4,6-Dinitro-2-methylphenol

Concen: 42.95 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:198 Resp: 120036

Ion Ratio Lower Upper

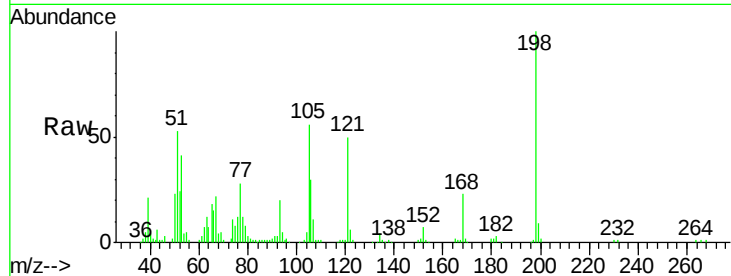
198 100

51 53.4 39.6 79.6

105 55.7 36.6 76.6

Manual Integrations
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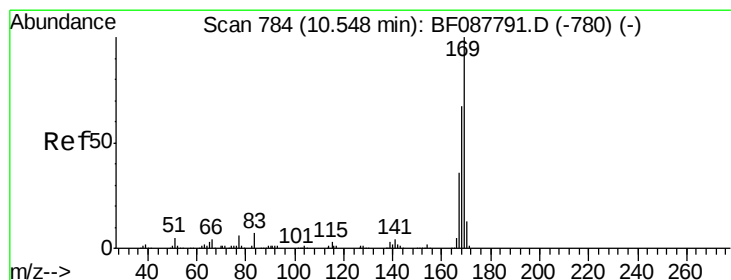
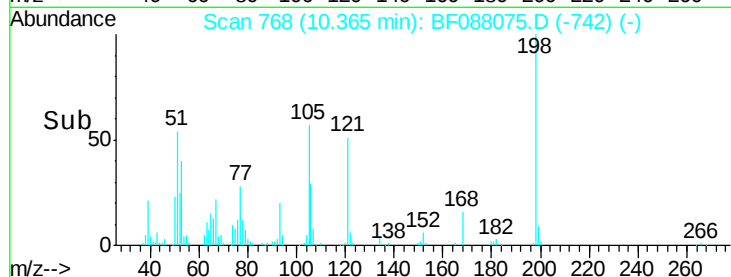
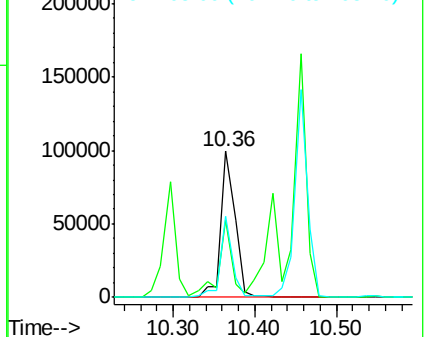
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 38.76 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

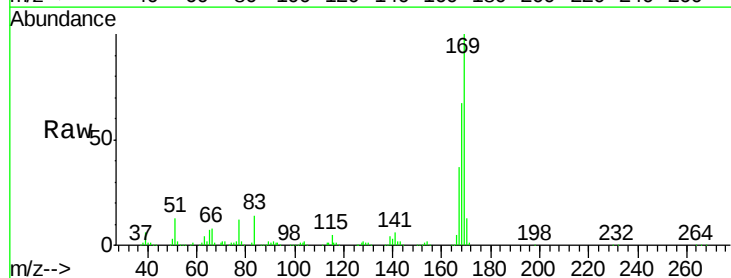
Tgt Ion:169 Resp: 579044

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

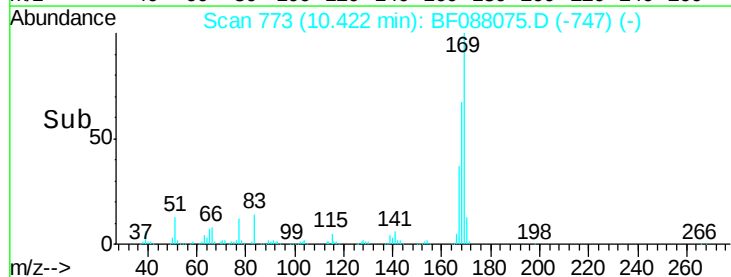
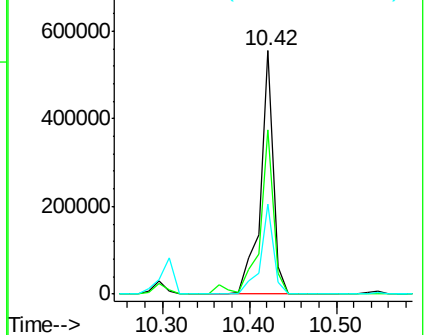
167 36.7 29.4 44.0

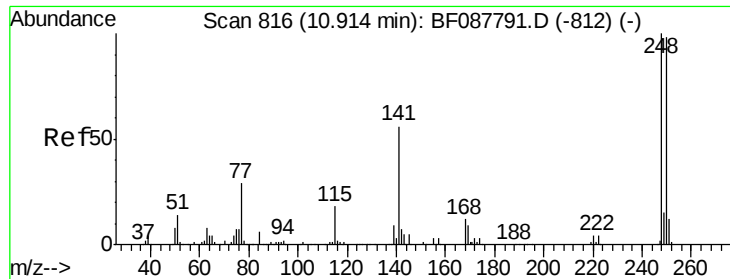


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





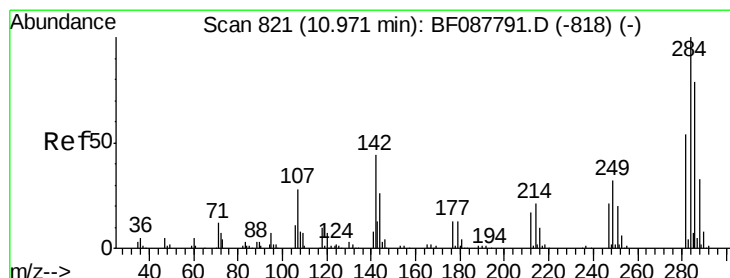
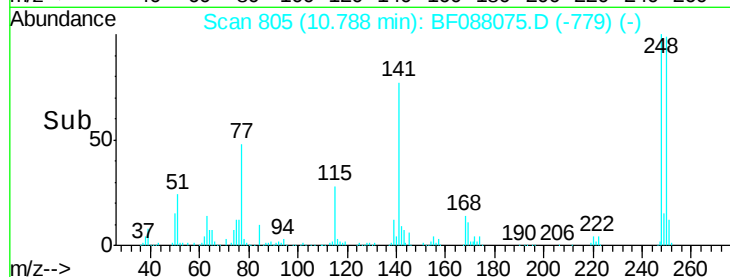
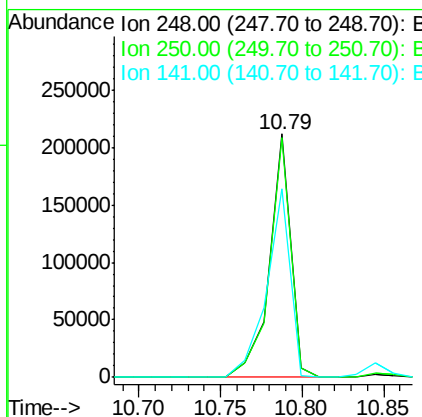
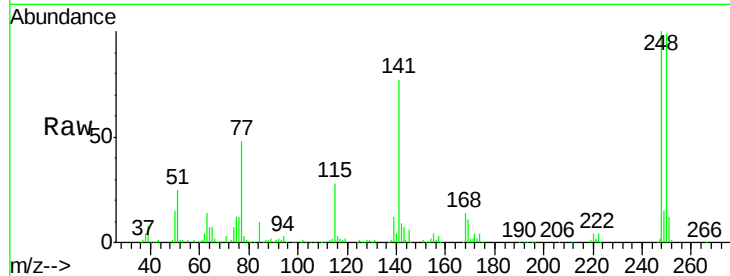
#66
4-Bromophenyl-phenylether
Concen: 40.01 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.1	115.7
141	77.2	50.6	76.0

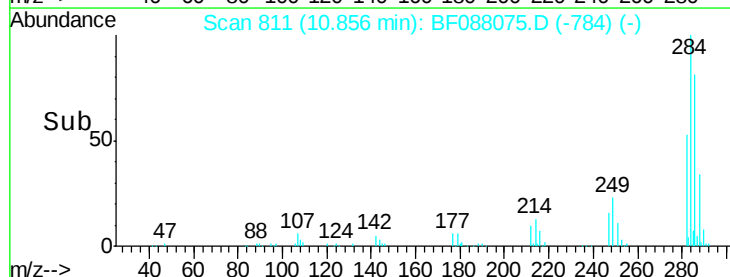
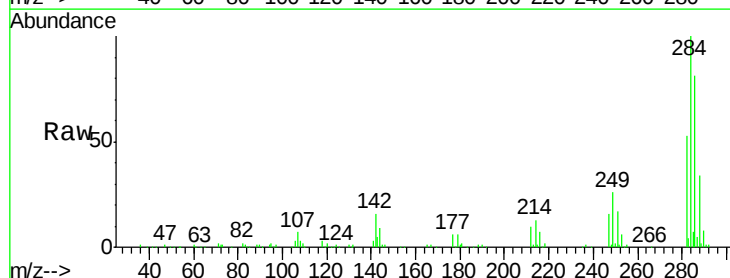
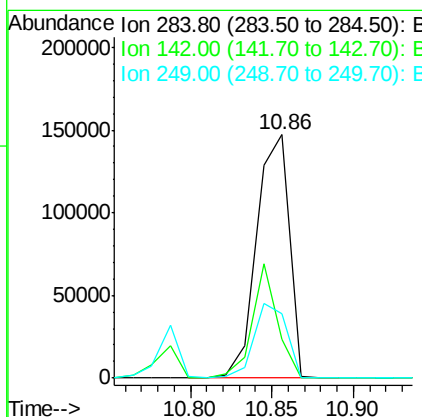
Manual Integrations
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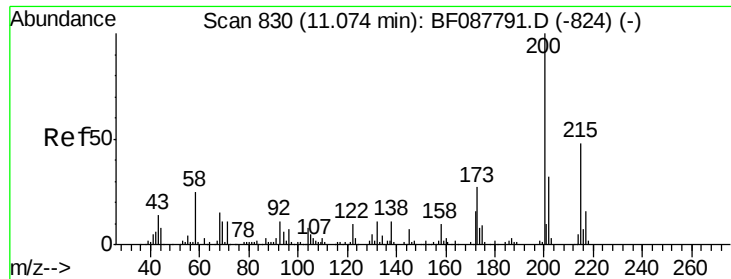
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#67
Hexachlorobenzene
Concen: 40.83 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	16.1	35.8	53.8
249	26.4	25.8	38.6





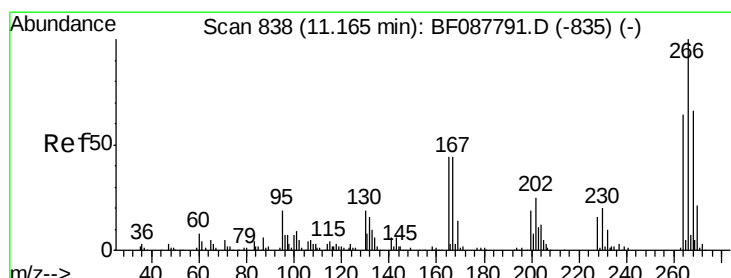
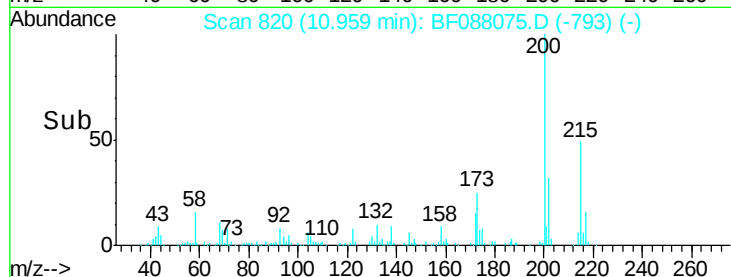
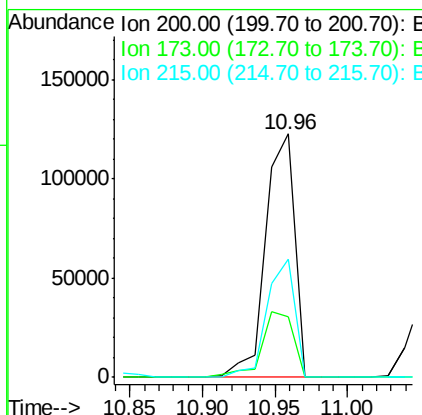
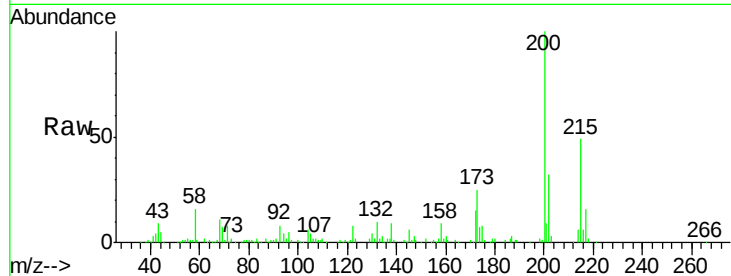
#68
Atrazine
Concen: 37.68 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.0	44.0
215	48.7	29.3	69.3

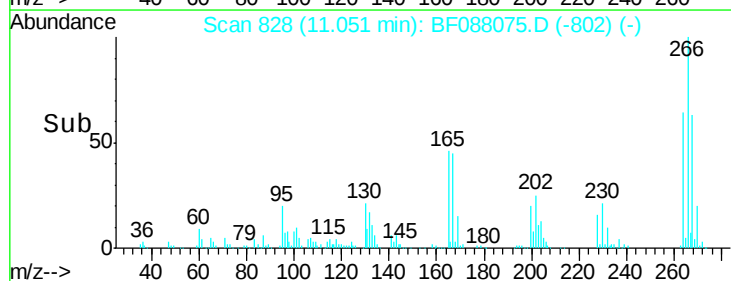
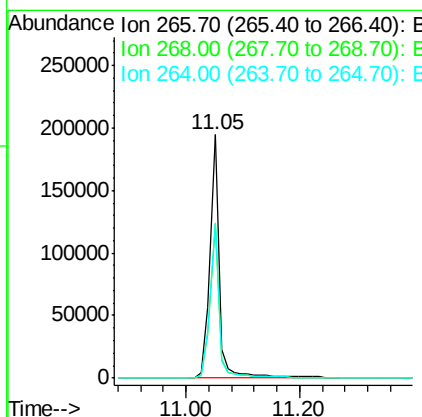
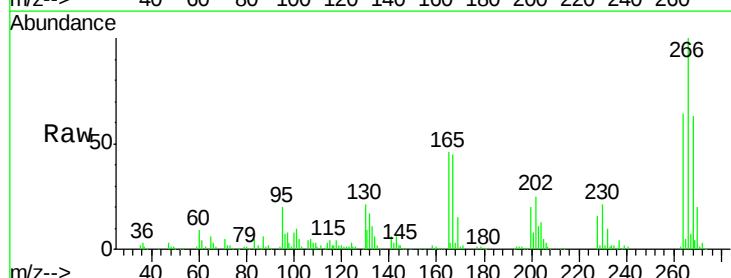
Manual Integrations
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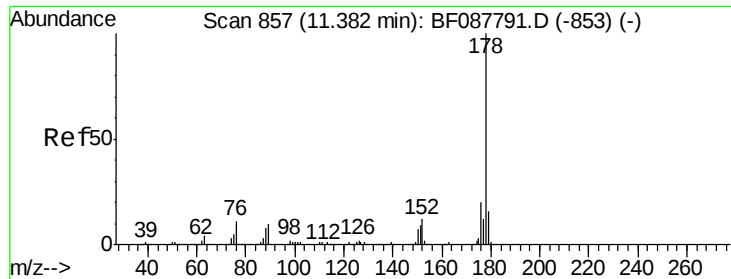
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#69
Pentachlorophenol
Concen: 81.93 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.8	79.2
264	63.8	49.6	74.4





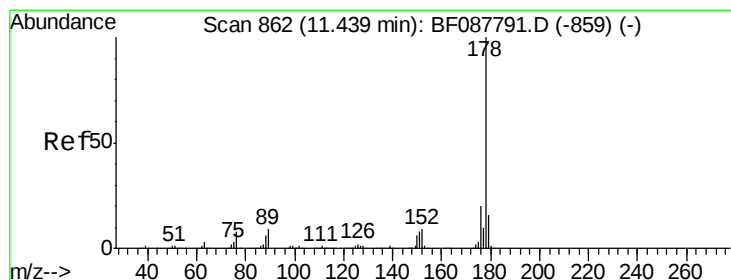
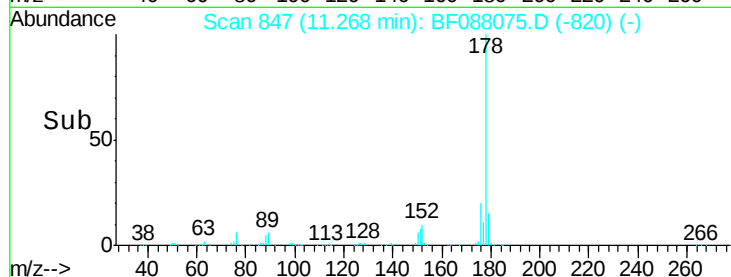
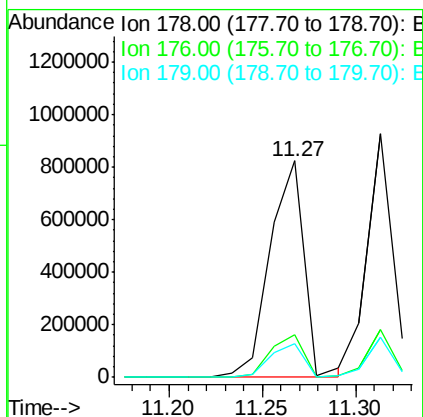
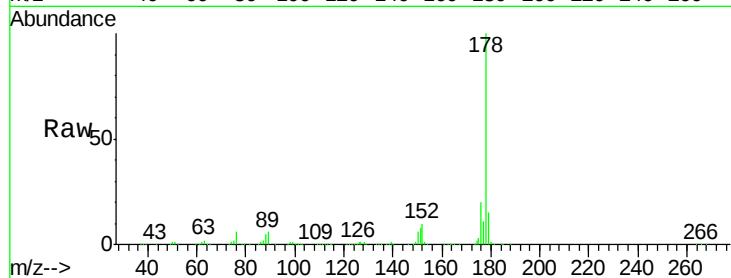
#70
Phenanthrene
Concen: 44.95 ng
RT: 11.27 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion:178 Resp: 1061772
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.4 13.0 19.4

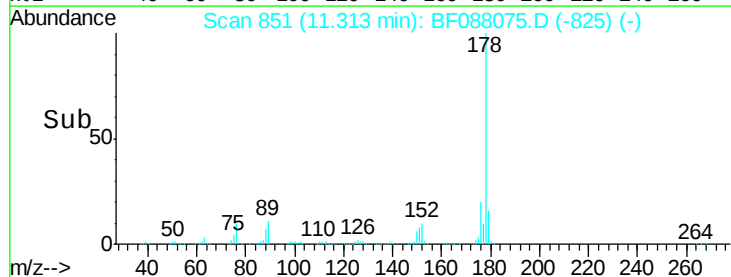
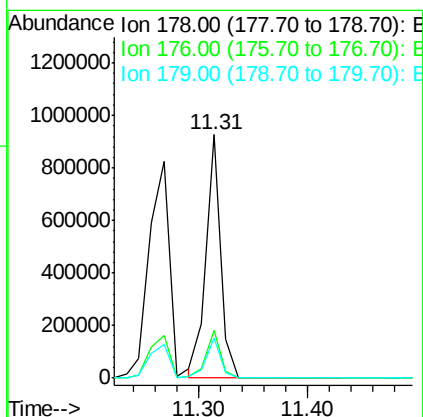
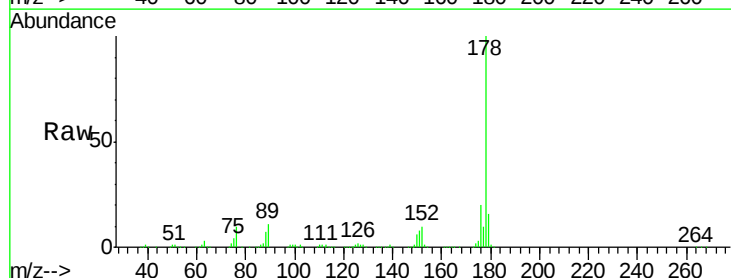
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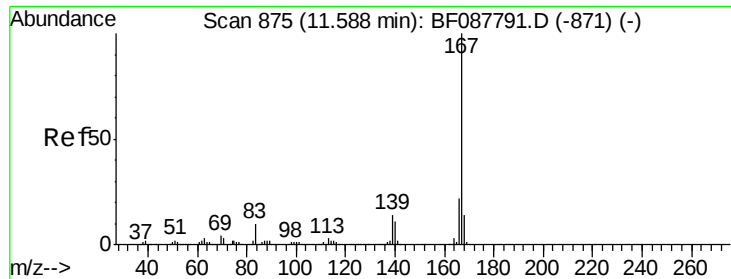
sohil
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#71
Anthracene
Concen: 37.14 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion:178 Resp: 884999
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.2 12.8 19.2





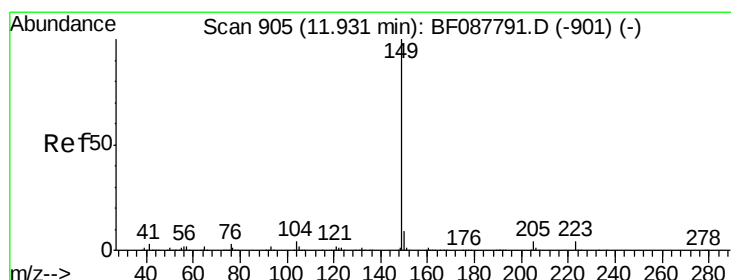
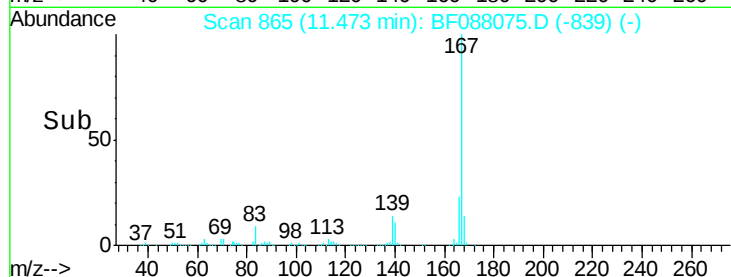
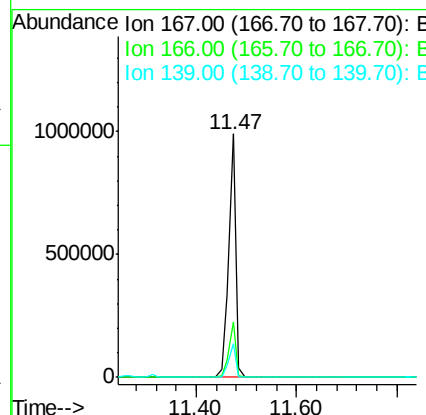
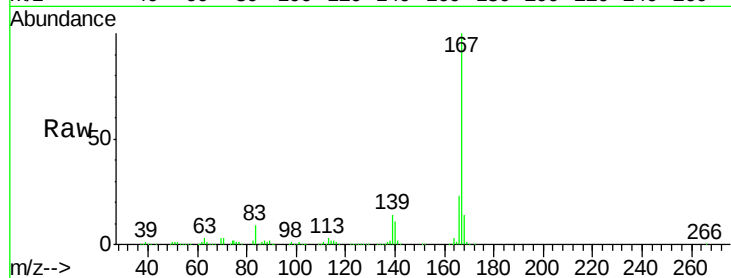
#72
 Carbazole
 Concen: 43.16 ng
 RT: 11.47 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.9	11.2	16.8

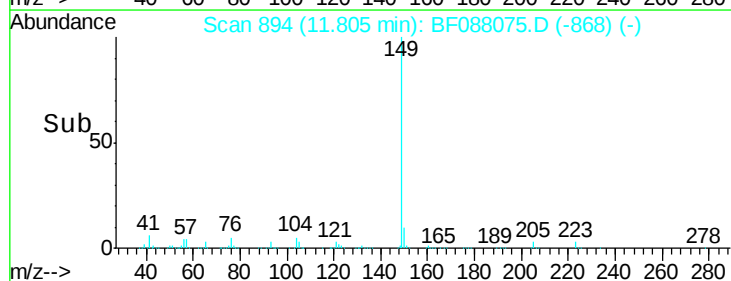
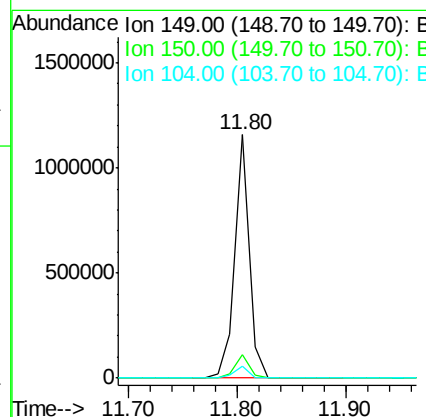
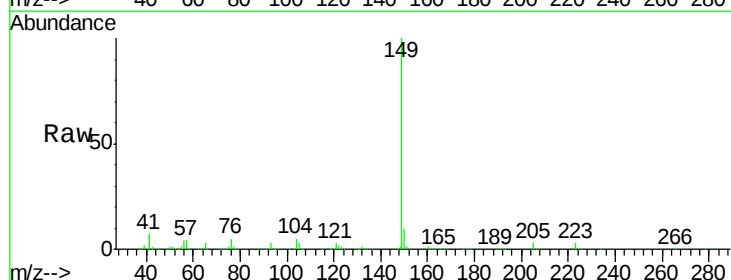
Manual Integrations
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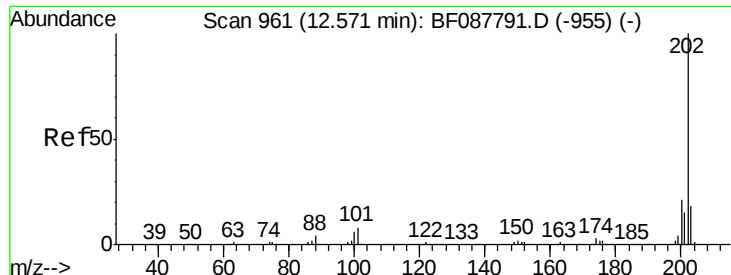
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#73
 Di-n-butylphthalate
 Concen: 37.39 ng
 RT: 11.80 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.1	4.0	6.0





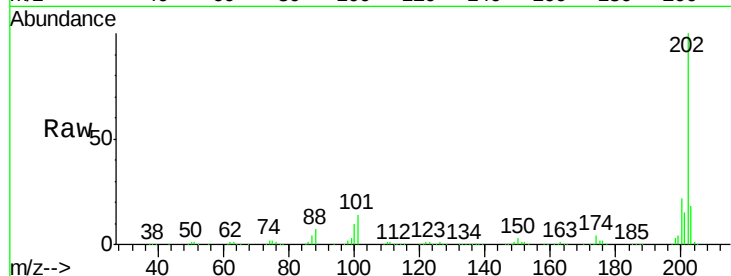
#74
Fluoranthene
 Concen: 37.34 ng
 RT: 12.44 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

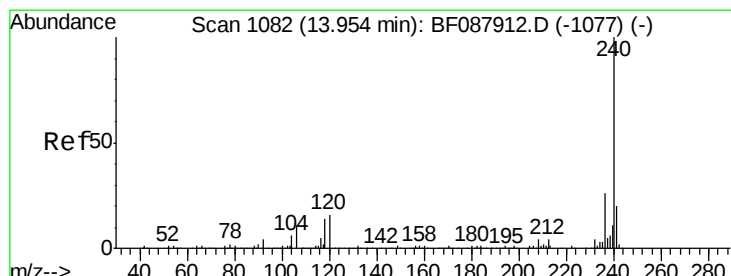
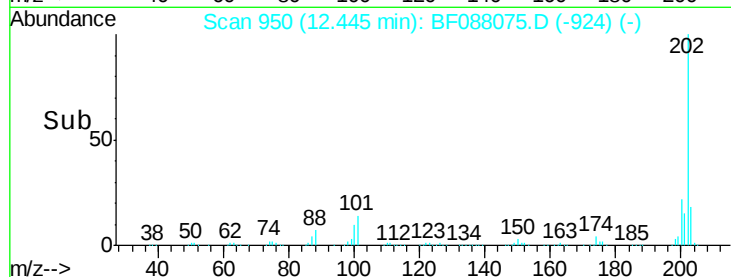
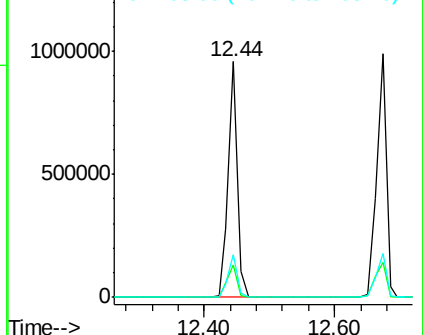
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	0.0	33.1
203	18.1	0.0	38.1

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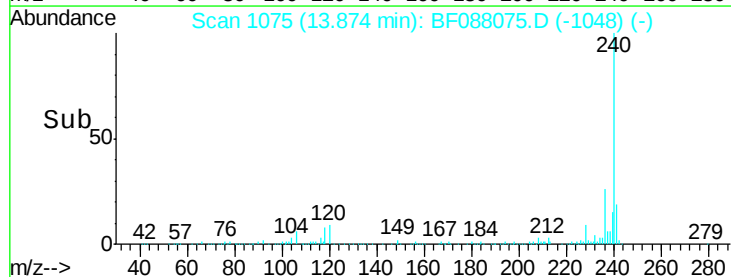
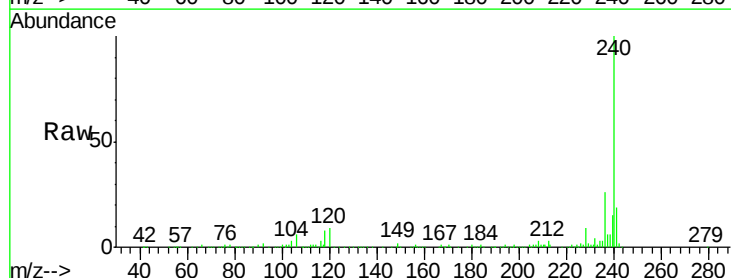
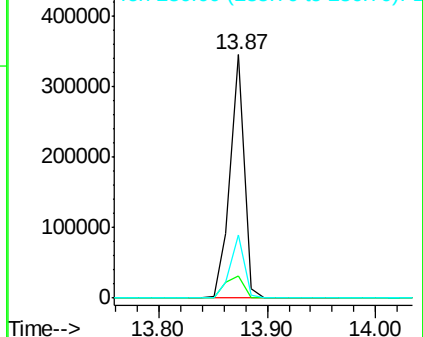
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

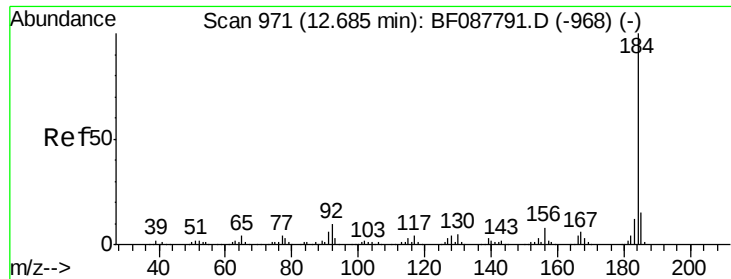


#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.3	6.8	10.2
236	25.7	20.2	30.2

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





#76

Benzidine

Concen: 5.24 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

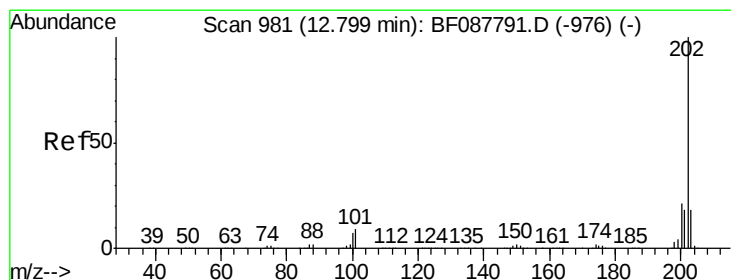
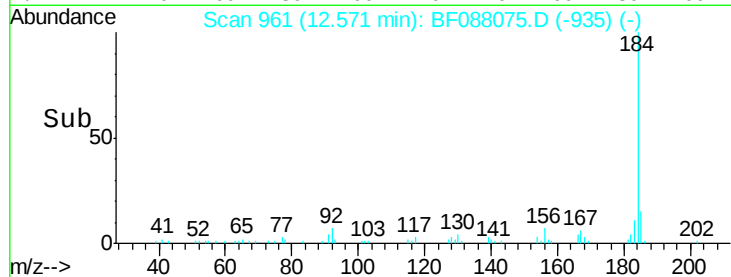
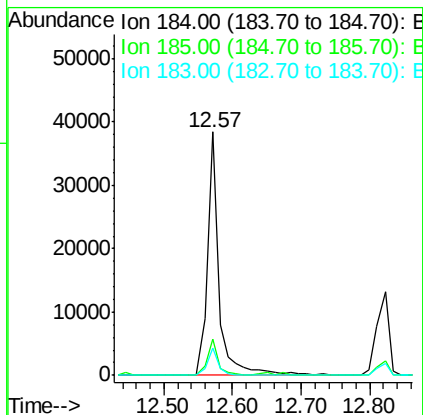
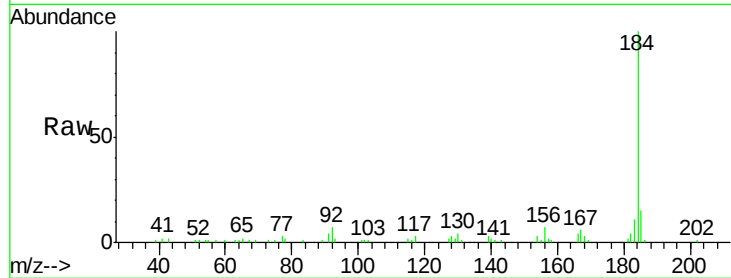
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.5	18.7
183	11.4	9.3	13.9

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#77

Pyrene

Concen: 43.18 ng

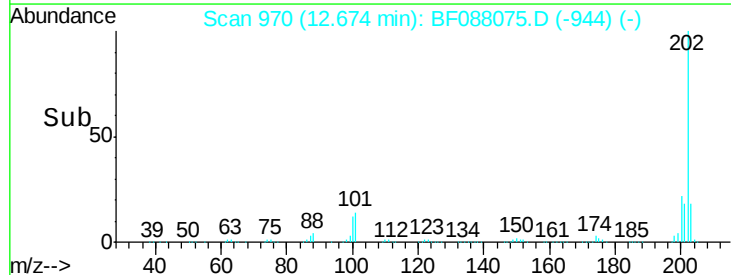
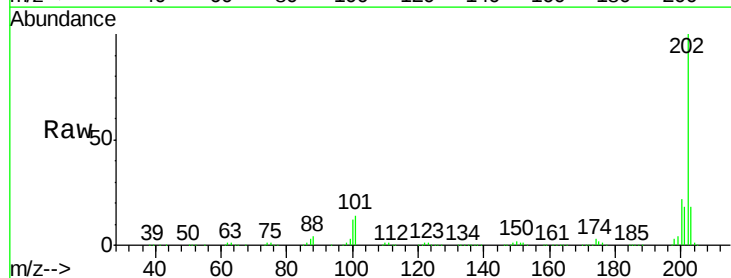
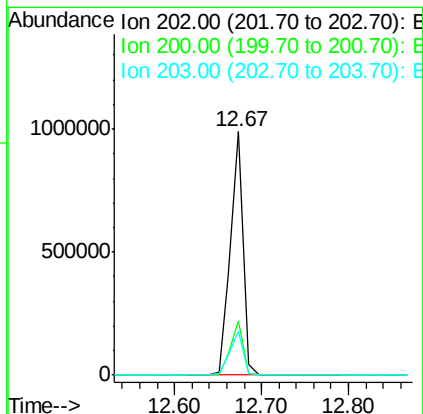
RT: 12.67 min Scan# 970

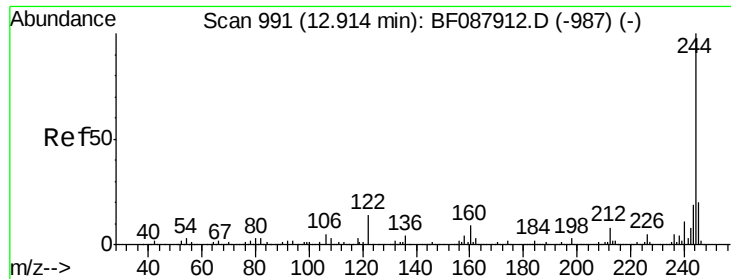
Delta R.T. -0.00 min

Lab File: BF088075.D

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Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.0	14.5	21.7





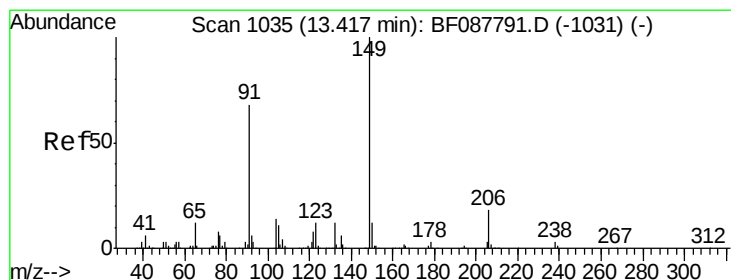
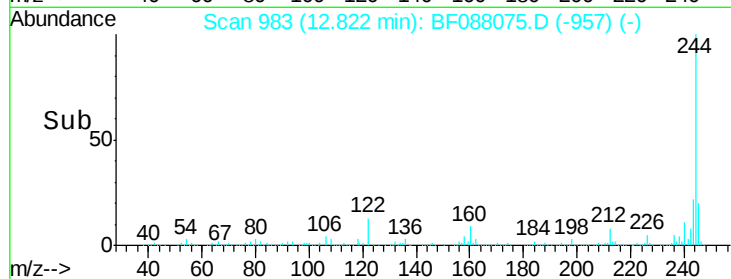
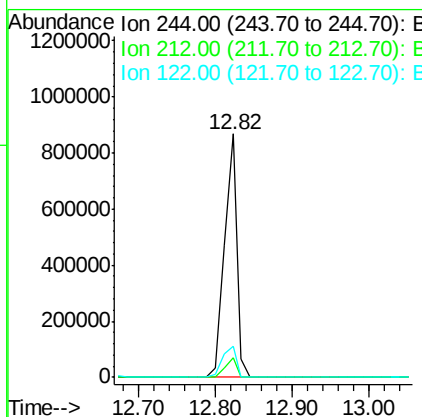
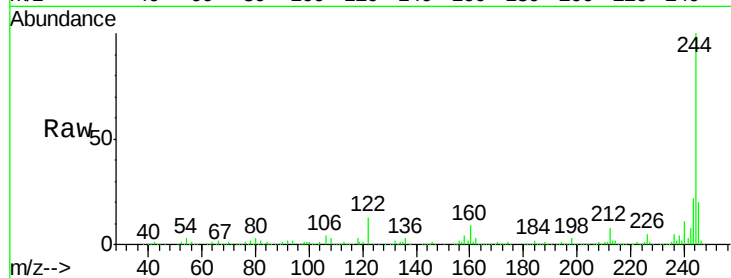
#78
 Terphenyl-d14
 Concen: 72.34 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	12.7	11.2	16.8

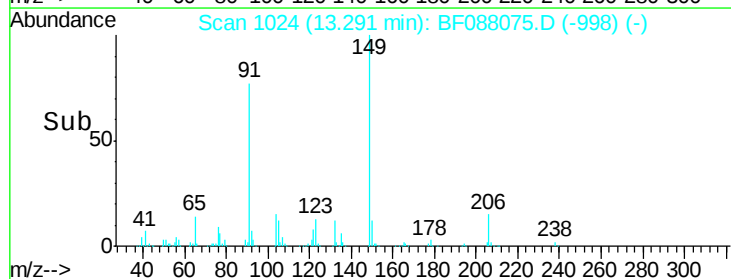
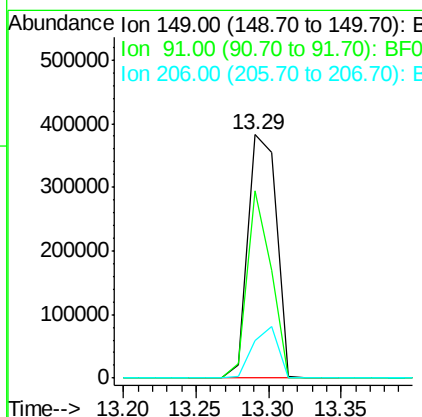
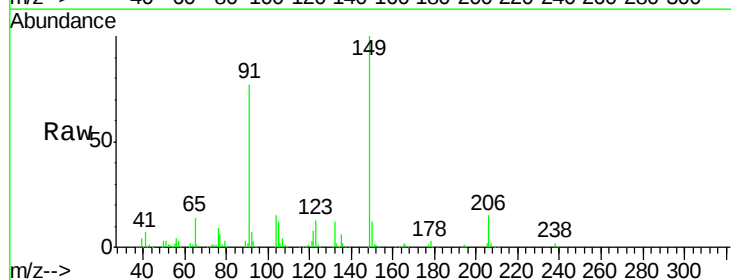
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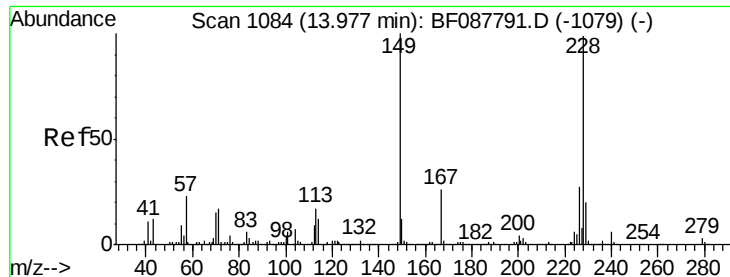
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#79
 Butylbenzylphthalate
 Concen: 50.84 ng
 RT: 13.29 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF088075.D
 Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.7	48.0	72.0#
206	15.4	16.0	24.0#





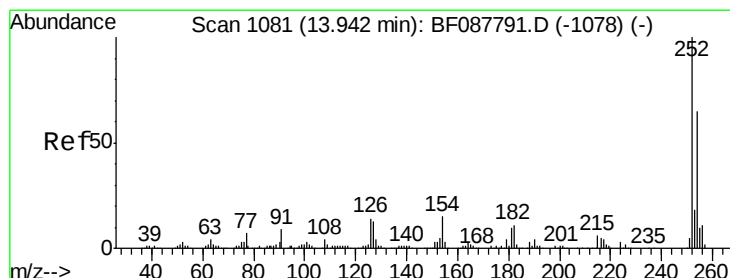
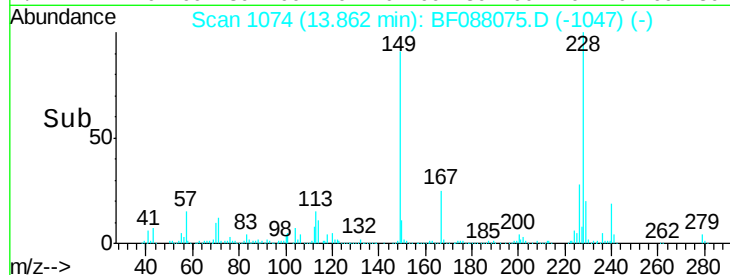
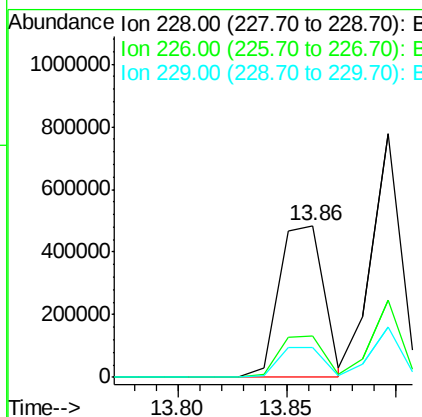
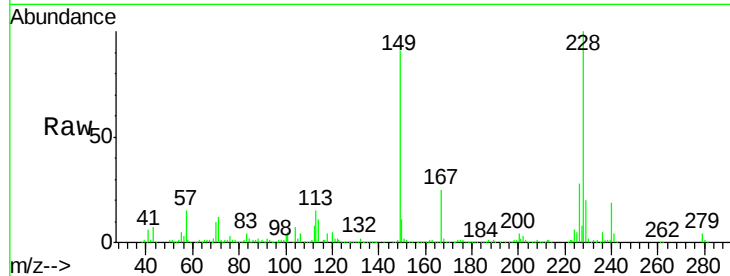
#80
Benzo(a)anthracene
Concen: 39.09 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.6	16.0	24.0

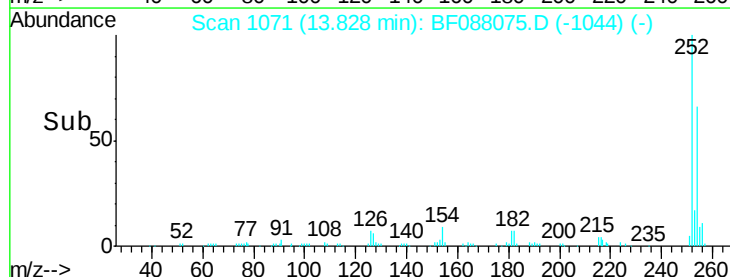
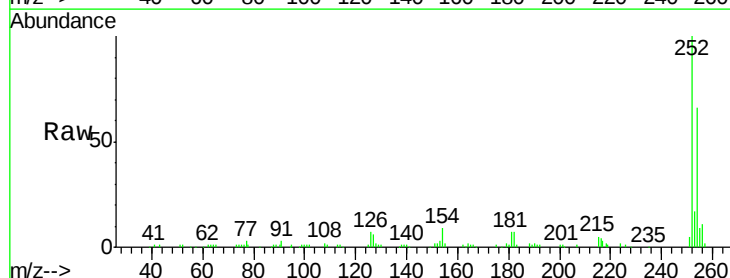
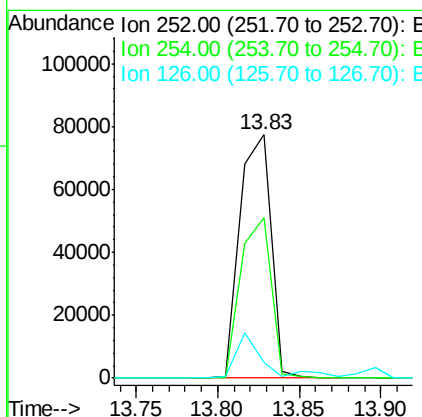
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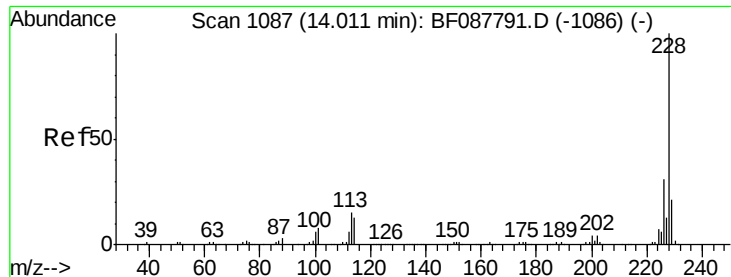
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#81
3,3'-Dichlorobenzidine
Concen: 21.33 ng
RT: 13.83 min Scan# 1071
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.6	78.8
126	6.5	6.2	9.2





#82

Chrysene

Concen: 44.11 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

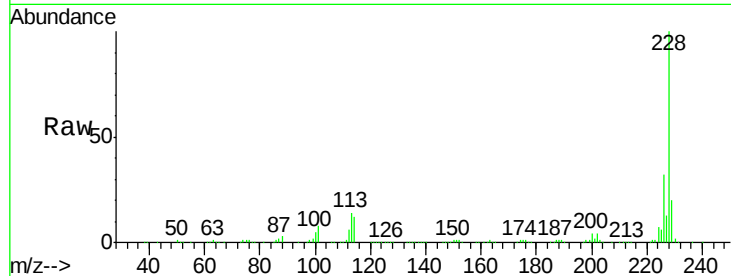
ClientSampleId :

HSR-WC-52-060916MSD

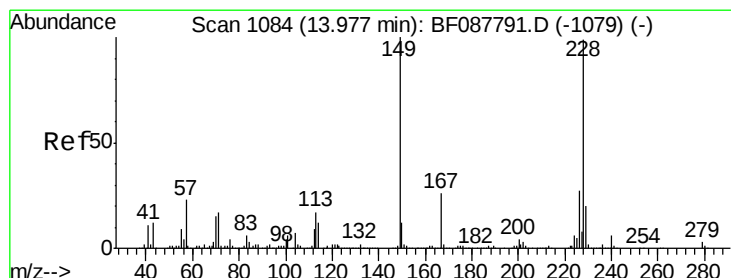
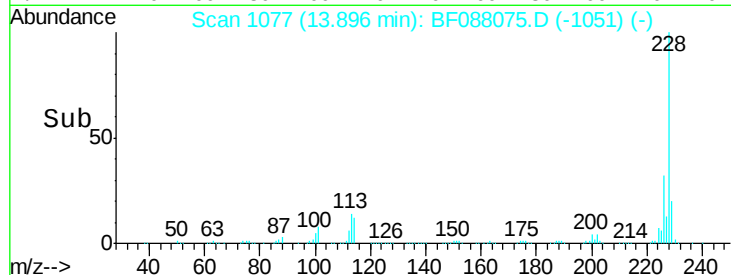
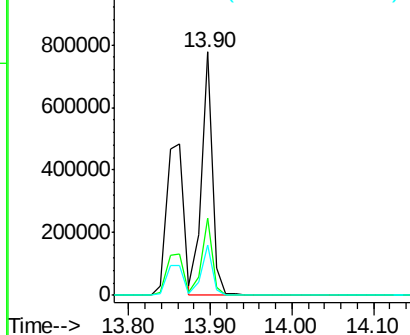
Tot Ion:	228	Resp:	739618
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.4	38.2
229	20.4	16.3	24.5

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.99 ng

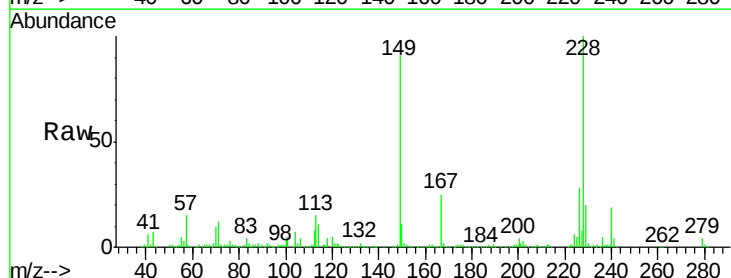
RT: 13.86 min Scan# 1074

Delta R.T. 0.01 min

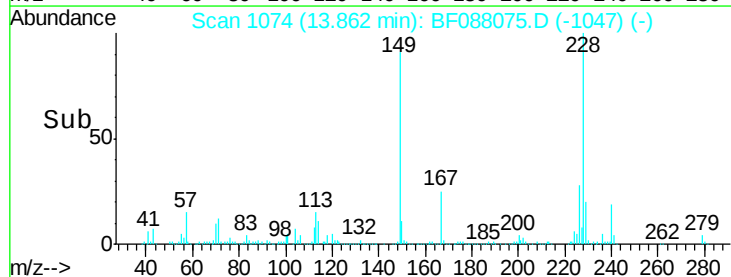
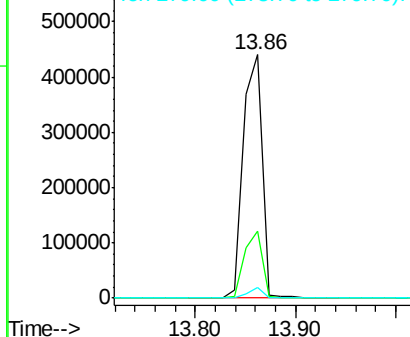
Lab File: BF088075.D

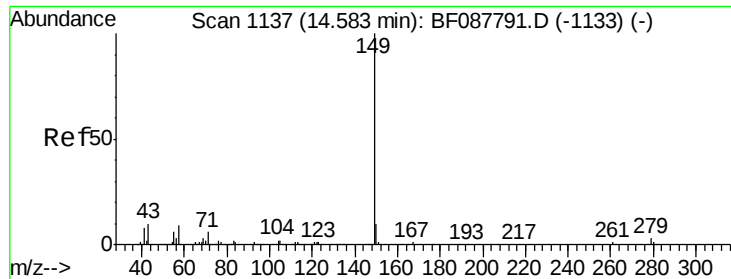
Acq: 16 Jun 2016 14:56

Tgt Ion:	149	Resp:	574462
Ion Ratio	Lower	Upper	
149	100		
167	27.4	20.5	30.7
279	4.2	2.0	3.0#



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





#84

Di-n-octyl phthalate

Concen: 55.61 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Instrument :

BNA_F

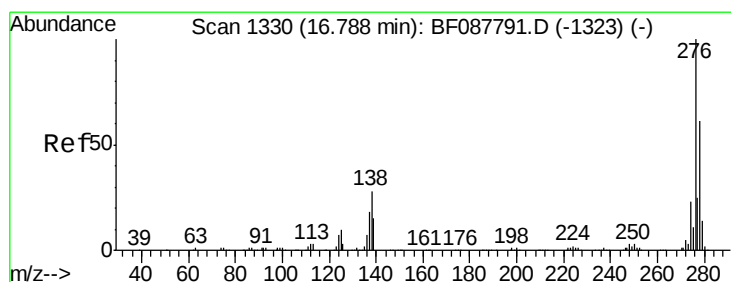
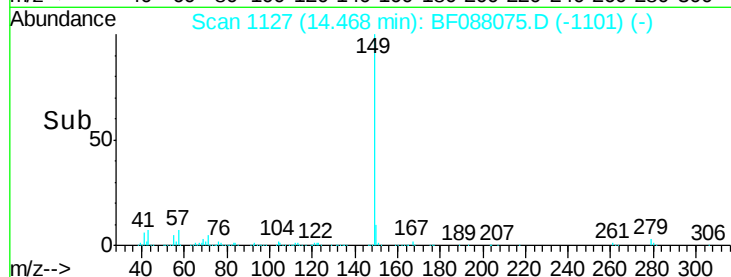
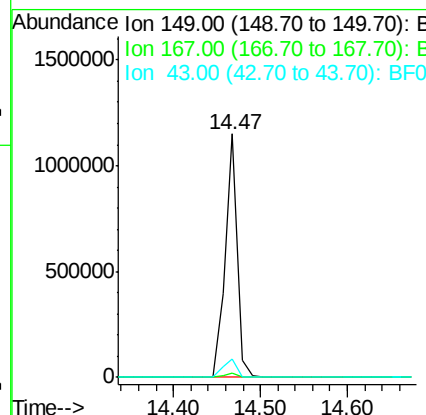
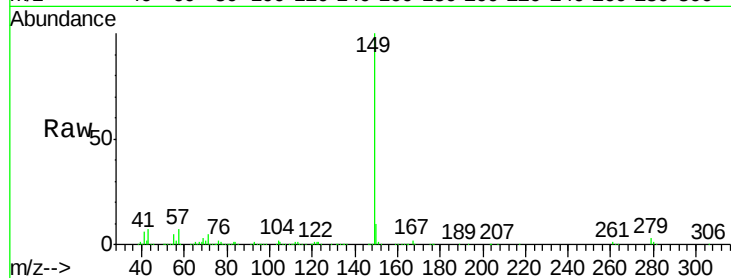
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	149	Resp:	1128693
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	8.4	0.0	0.0#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 41.57 ng

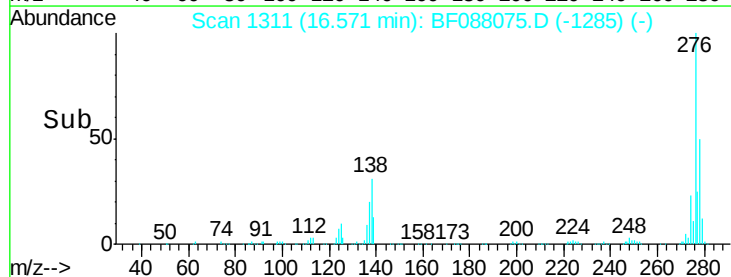
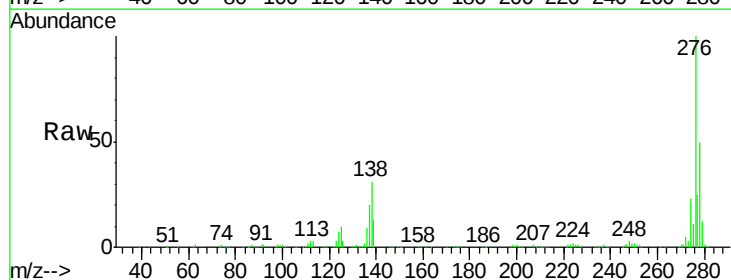
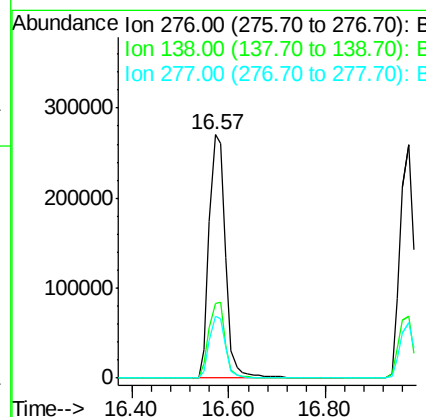
RT: 16.57 min Scan# 1311

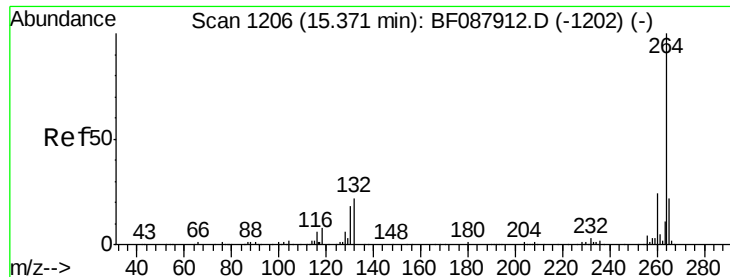
Delta R.T. -0.00 min

Lab File: BF088075.D

Acq: 16 Jun 2016 14:56

Tgt Ion:	276	Resp:	647546
Ion Ratio	Lower	Upper	
276	100		
138	31.5	0.0	0.0#
277	25.0	0.0	0.0#





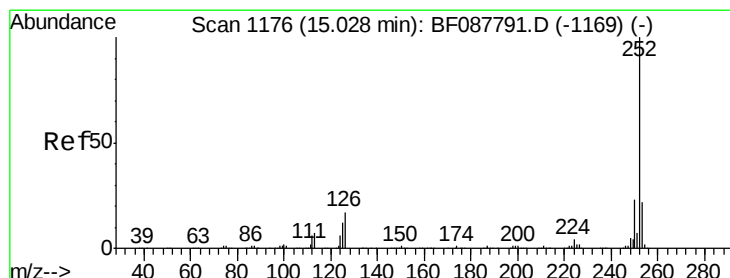
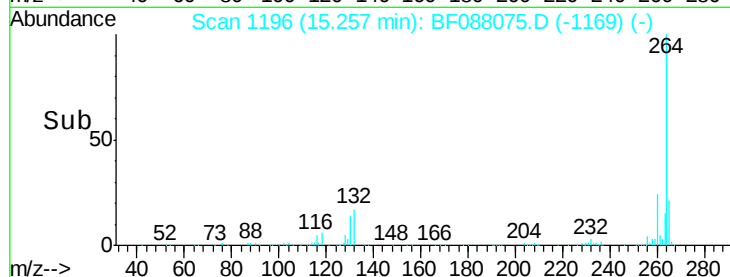
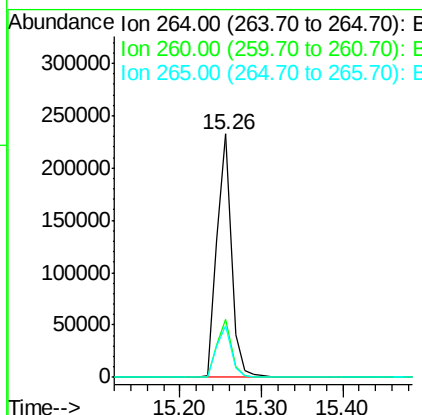
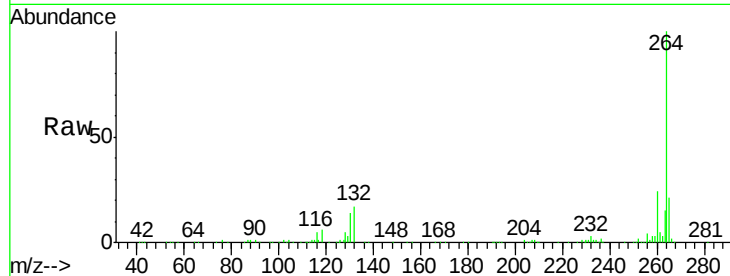
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	16.9	25.3

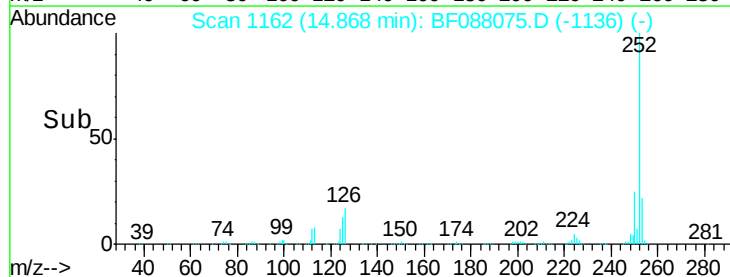
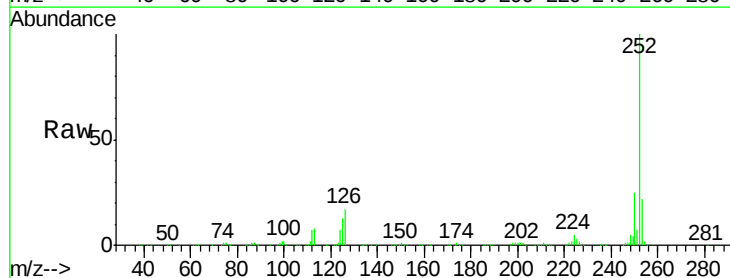
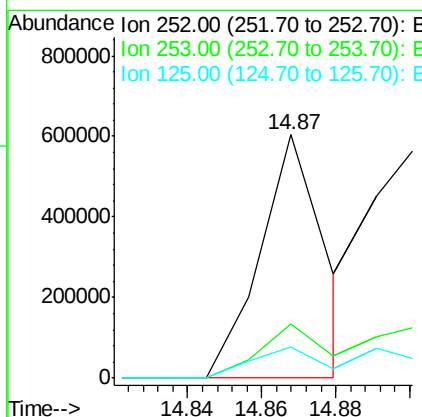
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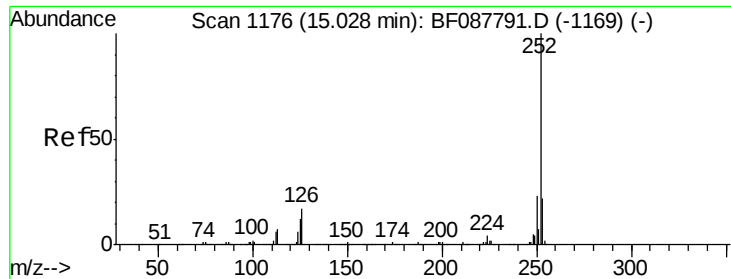
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#87
Benzo(b)fluoranthene
Concen: 36.43 ng m
RT: 14.87 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	13.0	7.1	10.7#





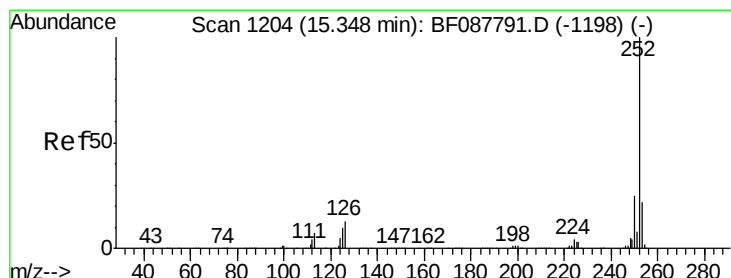
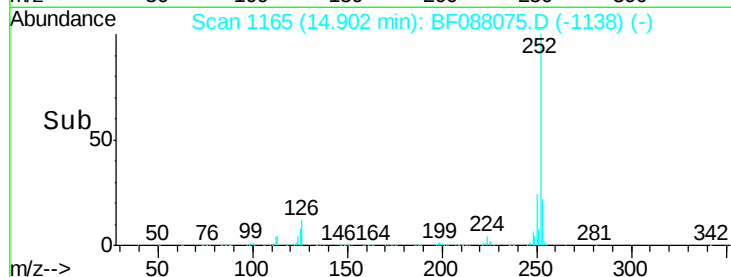
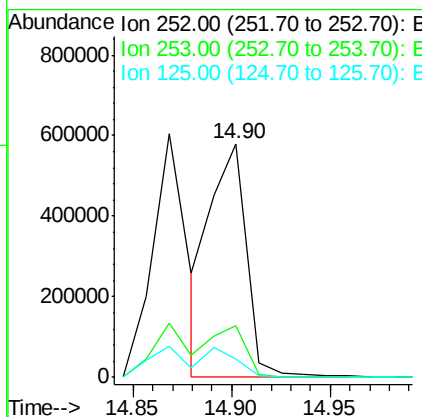
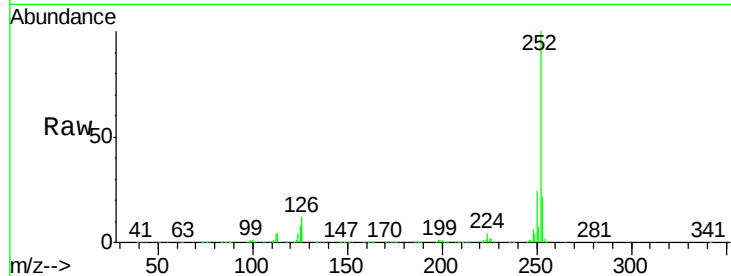
#88
Benzo(k)fluoranthene
Concen: 49.46 ng m
RT: 14.90 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	7.8	11.2	16.8

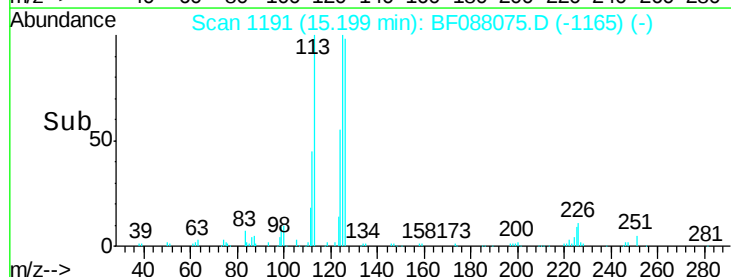
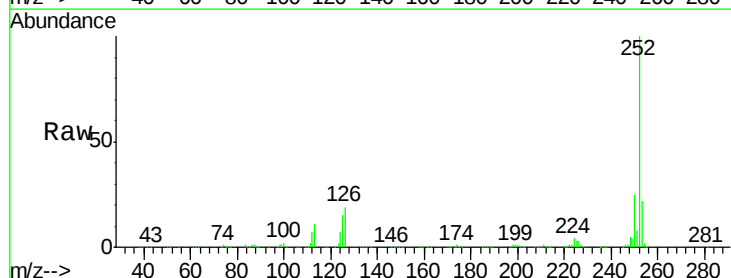
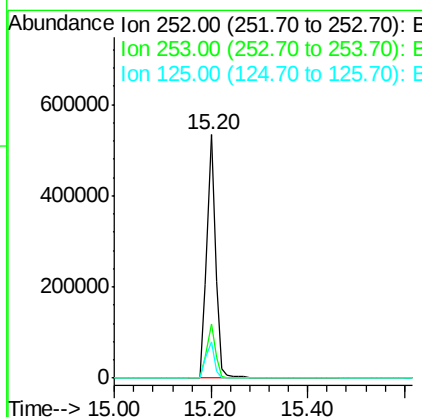
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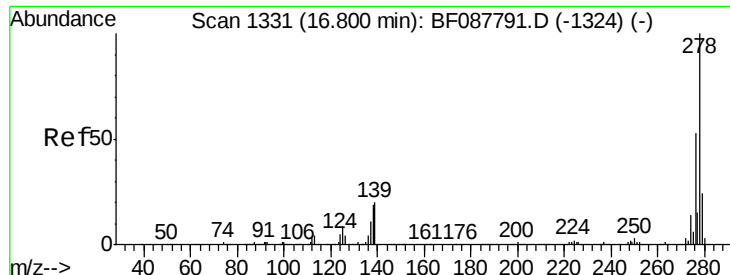
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#89
Benzo(a)pyrene
Concen: 42.15 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.7	12.5	18.7





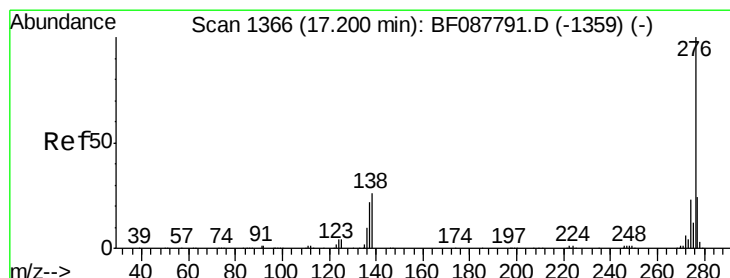
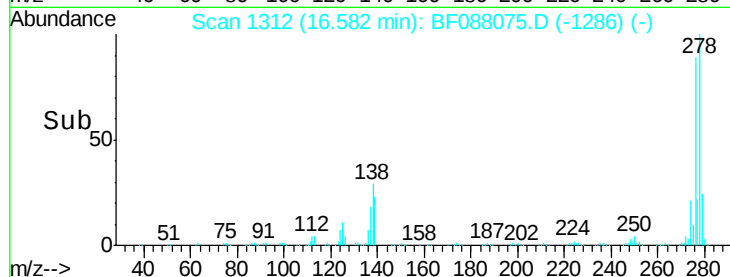
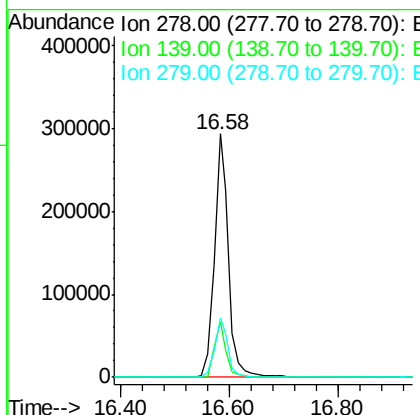
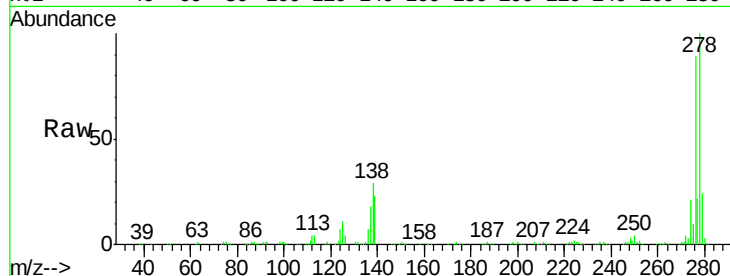
#90
Dibenzo(a,h)anthracene
Concen: 35.79 ng
RT: 16.58 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.7	15.7	23.5
279	24.3	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 35.33 ng
RT: 16.97 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF088075.D
Acq: 16 Jun 2016 14:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	26.4	21.4	32.2

