

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079272.D
 Acq On : 15 May 2015 16:20
 Operator : TP/IZ
 Sample : G2231-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Manual Integrations
 APPROVED

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 5/18/2015 3:39:05 PM

Quant Time: May 15 23:41:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	63585	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	253558	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	120256	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	228886	20.00	ng	0.00
75) Chrysene-d12	16.09	240	225305	20.00	ng	0.00
86) Perylene-d12	17.95	264	220987	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	495840m	134.23	ng	0.02
7) Phenol-d6	6.75	99	611247	125.19	ng	0.00
23) Nitrobenzene-d5	7.87	82	388874	88.14	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	199047	153.00	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	749207	86.80	ng	0.00
78) Terphenyl-d14	14.77	244	821480	87.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	59999m	37.36	ng	
3) Pyridine	2.83	79	166861m	35.50	ng	
4) n-Nitrosodimethylamine	2.74	42	83493m	41.46	ng	
6) Aniline	6.76	93	42681	6.19	ng	# 1
8) 2-Chlorophenol	6.91	128	189753	45.29	ng	89
9) Benzaldehyde	6.63	77	58363	17.74	ng	96
10) Phenol	6.76	94	222629	39.31	ng	81
11) bis(2-Chloroethyl)ether	6.87	93	175624	42.30	ng	87
12) 1,3-Dichlorobenzene	7.10	146	190757	40.51	ng	# 89
13) 1,4-Dichlorobenzene	7.20	146	198543	40.97	ng	99
14) 1,2-Dichlorobenzene	7.38	146	190677	42.26	ng	99
15) Benzyl Alcohol	7.37	79	159903	44.12	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.54	45	264246	41.60	ng	98
17) 2-Methylphenol	7.52	107	149373	44.31	ng	100
18) Hexachloroethane	7.79	117	67225	40.27	ng	# 83
19) n-Nitroso-di-n-propylamine	7.70	70	141688	42.96	ng	95
20) 3+4-Methylphenols	7.70	107	200917	44.72	ng	# 52
22) Acetophenone	7.69	105	303394	52.96	ng	# 87
24) Nitrobenzene	7.90	77	216026	49.40	ng	# 87
25) Isophorone	8.19	82	360579	44.09	ng	# 92
26) 2-Nitrophenol	8.28	139	92399	51.05	ng	# 85
27) 2,4-Dimethylphenol	8.35	122	168209	46.44	ng	95
28) bis(2-Chloroethoxy)methane	8.48	93	240284	47.65	ng	98
29) 2,4-Dichlorophenol	8.59	162	161914	50.27	ng	88
30) 1,2,4-Trichlorobenzene	8.68	180	159627	45.12	ng	97
31) Naphthalene	8.78	128	529643	43.84	ng	99
32) Benzoic acid	8.50	122	234256m	95.99	ng	
33) 4-Chloroaniline	8.86	127	39057	7.64	ng	94
34) Hexachlorobutadiene	8.94	225	90139	44.24	ng	97
35) Caprolactam	9.31	113	42924	41.21	ng	# 77
36) 4-Chloro-3-methylphenol	9.47	107	167479	49.51	ng	99
37) 2-Methylnaphthalene	9.64	142	385672	46.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	154803	45.71	ng	99
40) Hexachlorocyclopentadiene	9.83	237	141911	83.33	ng	93

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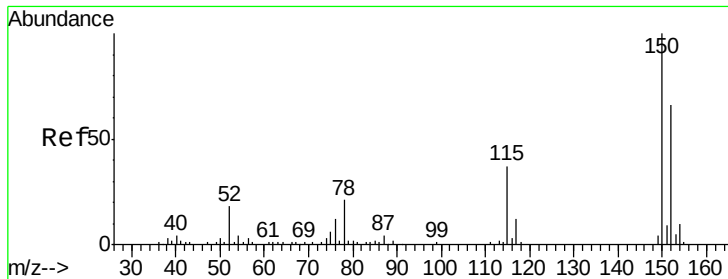
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	109886	47.19	nq	98
43) 2,4,5-Trichlorophenol	10.04	196	115716	49.16	nq	# 94
45) 1,1'-Biphenyl	10.23	154	450822	47.16	nq	99
46) 2-Chloronaphthalene	10.24	162	341949	45.86	nq	98
47) 2-Nitroaniline	10.38	65	101013	46.75	nq	# 79
48) Acenaphthylene	10.75	152	576643	47.10	nq	100
49) Dimethylphthalate	10.62	163	415995	47.13	nq	99
50) 2,6-Dinitrotoluene	10.68	165	84242	48.37	nq	# 57
51) Acenaphthene	10.97	154	340064	46.57	nq	99
52) 3-Nitroaniline	10.89	138	27992	12.87	nq	82
53) 2,4-Dinitrophenol	11.03	184	78544	94.30	nq	# 59
54) Dibenzofuran	11.19	168	518378	49.15	nq	95
55) 4-Nitrophenol	11.11	139	144006	83.62	nq	92
56) 2,4-Dinitrotoluene	11.19	165	117561	51.05	nq	94
57) Fluorene	11.61	166	419167	48.42	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	92514	48.09	nq	# 98
59) Diethylphthalate	11.50	149	413699	47.31	nq	96
60) 4-Chlorophenyl-phenylether	11.62	204	184587	48.07	nq	# 88
61) 4-Nitroaniline	11.65	138	88605	40.71	nq	93
62) Azobenzene	11.82	77	418391	48.56	nq	94
64) 4,6-Dinitro-2-methylphenol	11.69	198	52744	53.00	nq	98
65) n-Nitrosodiphenylamine	11.77	169	356332	46.75	nq	99
66) 4-Bromophenyl-phenylether	12.23	248	113511	47.58	nq	# 82
67) Hexachlorobenzene	12.29	284	130921	48.01	nq	# 74
68) Atrazine	12.45	200	103571	46.72	nq	97
69) Pentachlorophenol	12.54	266	138245	86.08	nq	97
70) Phenanthrene	12.80	178	572195	44.69	nq	99
71) Anthracene	12.86	178	582179	46.34	nq	99
72) Carbazole	13.07	167	566860	47.34	nq	98
73) Di-n-butylphthalate	13.52	149	679497	47.32	nq	# 98
74) Fluoranthene	14.27	202	626392	46.95	nq	96
76) Benzidine	14.46	184	121171	19.96	nq	97
77) Pyrene	14.55	202	638318	49.17	nq	100
79) Butylbenzylphthalate	15.39	149	350365	61.74	nq	99
80) Benzo(a)anthracene	16.08	228	578182	46.86	nq	99
81) 3,3'-Dichlorobenzidine	16.06	252	162090	36.88	nq	# 97
82) Chrysene	16.13	228	492626	41.51	nq	99
83) Bis(2-ethylhexyl)phthalate	16.15	149	435166	50.62	nq	100
84) Di-n-octyl phthalate	16.99	149	756638	49.98	nq	98
85) Indeno(1,2,3-cd)pyrene	19.39	276	672885	44.50	nq	99
87) Benzo(b)fluoranthene	17.47	252	565525	46.75	nq	# 96
88) Benzo(k)fluoranthene	17.51	252	577145	49.29	nq	98
89) Benzo(a)pyrene	17.89	252	556507	49.97	nq	98
90) Dibenzo(a,h)anthracene	19.43	278	555452	46.93	nq	98
91) Benzo(g,h,i)perylene	19.81	276	557492	46.99	nq	# 94

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



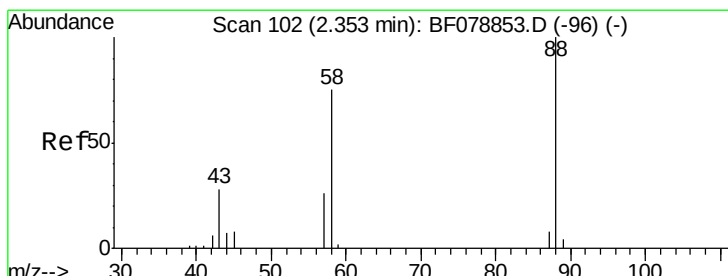
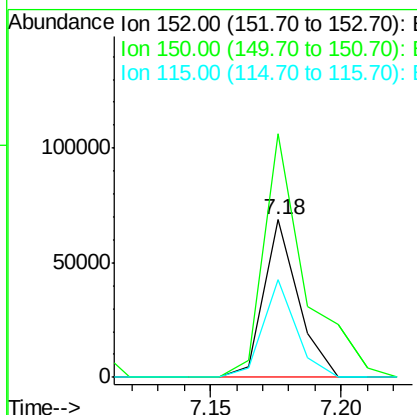
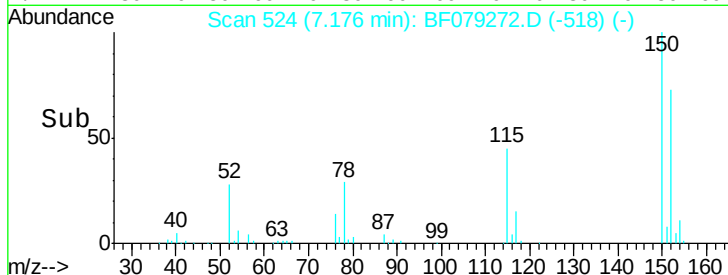
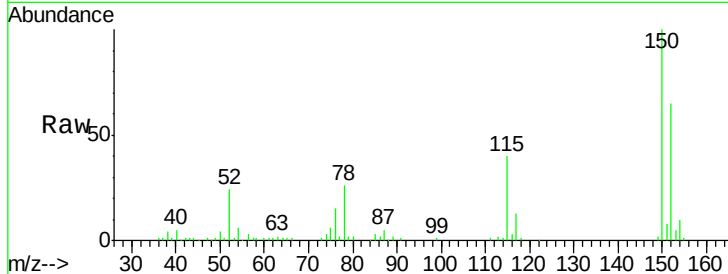
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tot Ion:	152	Resp:	63585
Ion Ratio	Lower	Upper	
152	100		
150	154.7	123.8	185.8
115	61.8	49.4	74.0

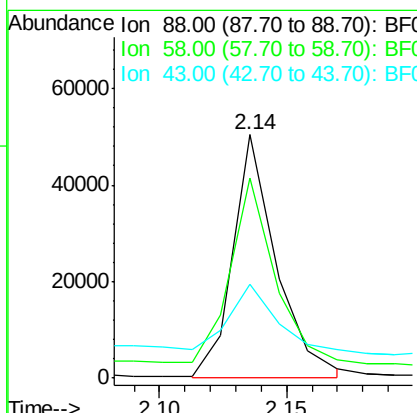
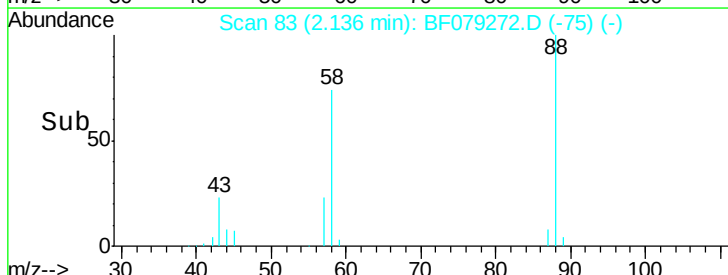
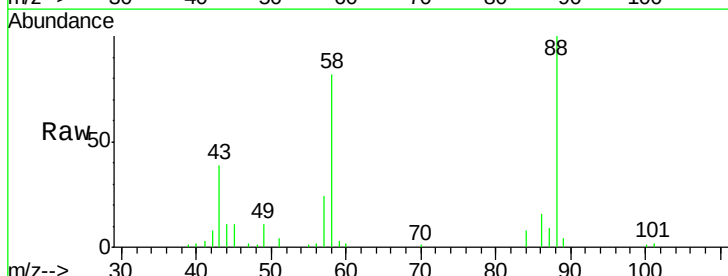
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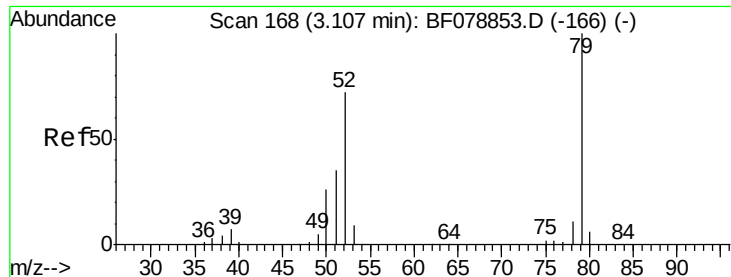
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#2
 1,4-Dioxane
 Concen: 37.36 ng m
 RT: 2.14 min Scan# 83
 Delta R.T. 0.07 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:	88	Resp:	59999
Ion Ratio	Lower	Upper	
88	100		
58	0.0	63.5	95.3#
43	0.0	24.6	37.0#





#3

Pvridine

Concen: 35.50 ng m

RT: 2.83 min Scan# 144

Delta R.T. 0.07 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

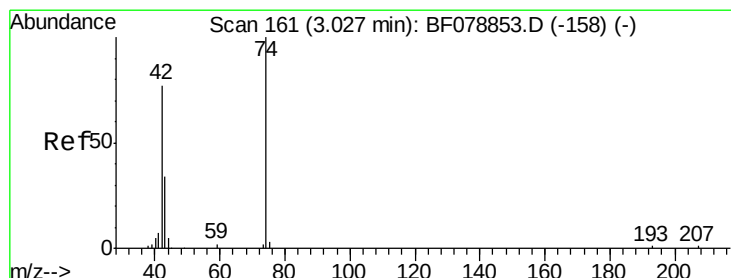
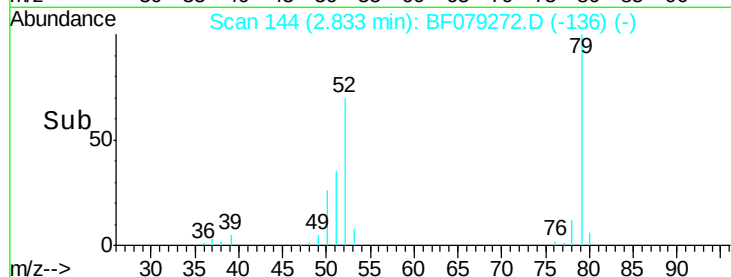
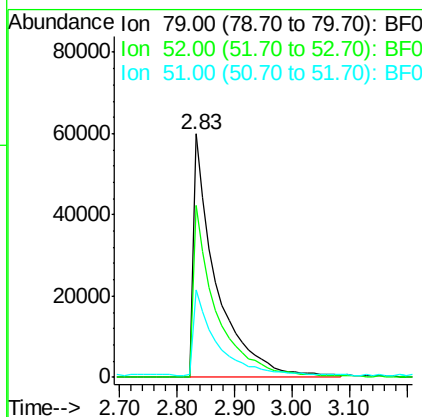
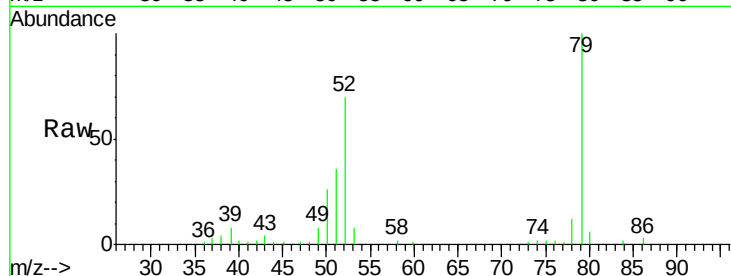
ClientSampleId :

LAR9797-AMSD

Tot Ion:	79	Resp:	166861
Ion	Ratio	Lower	Upper
79	100		
52	70.4	57.6	86.4
51	35.9	28.7	43.1

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#4

n-Nitrosodimethylamine

Concen: 41.46 ng m

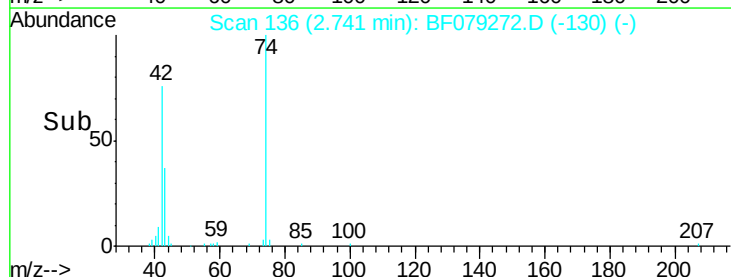
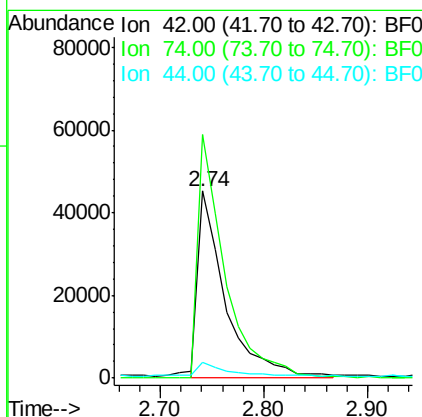
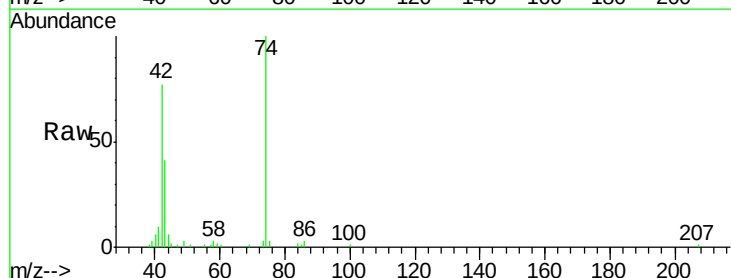
RT: 2.74 min Scan# 136

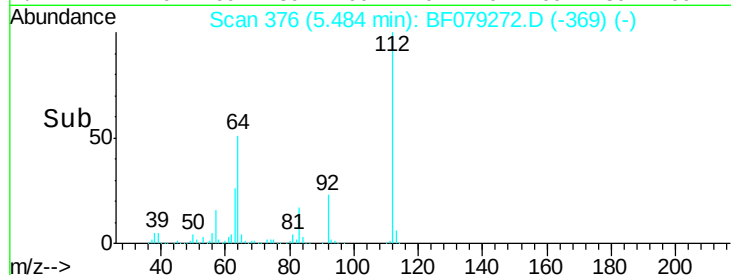
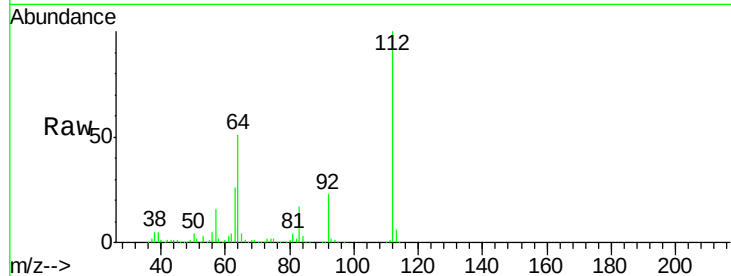
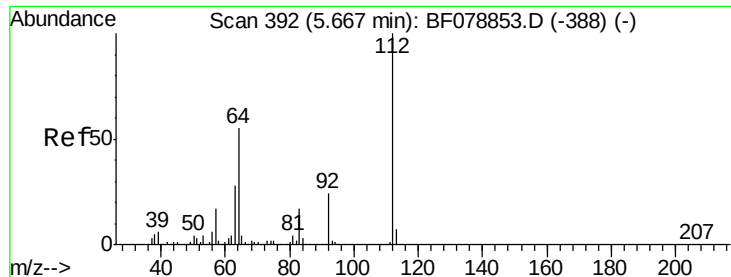
Delta R.T. 0.05 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	42	Resp:	83493
Ion	Ratio	Lower	Upper
42	100		
74	130.3	104.4	156.6
44	8.1	6.2	9.2





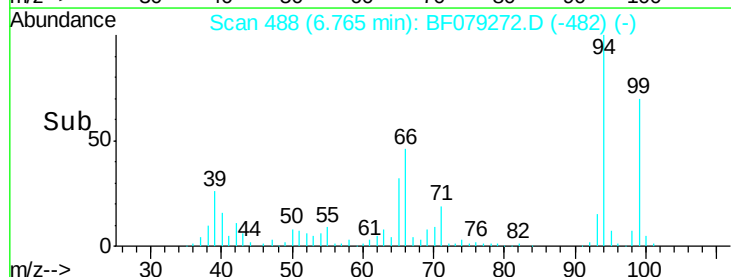
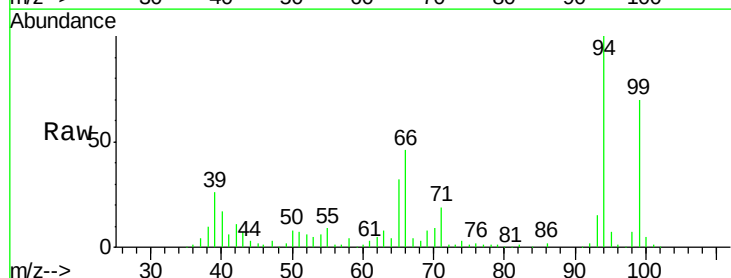
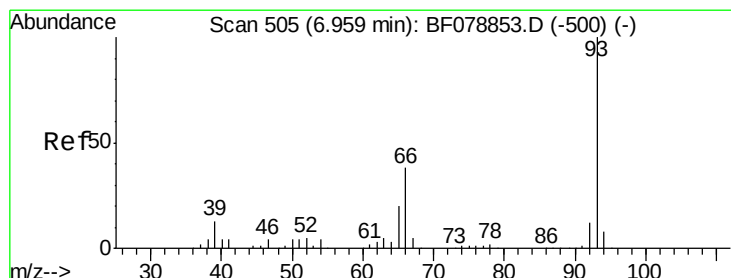
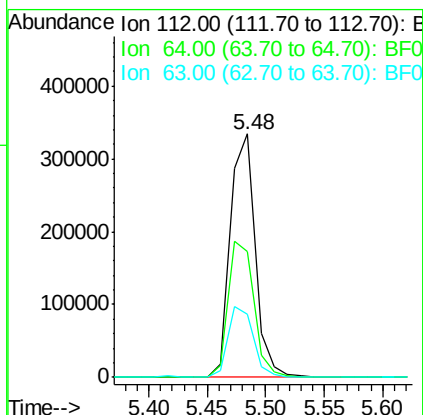
#5
2-Fluorophenol
Concen: 134.23 ng/mL
RT: 5.48 min Scan# 376
Delta R.T. 0.02 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tot Ion	Ratio	Resp	Lower	Upper
112	100	495840		
64	51.5	44.2	66.2	
63	25.8	22.7	34.1	

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LAR9797-AMSD

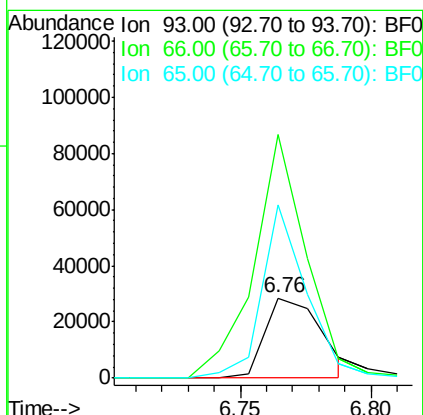
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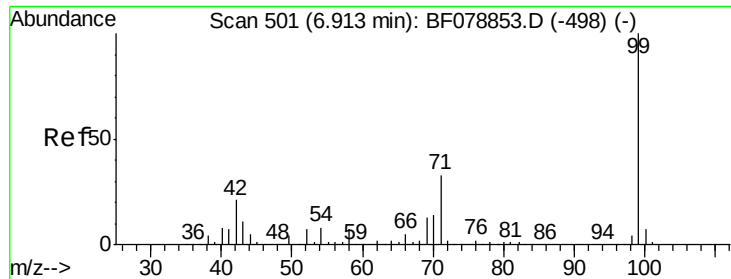
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#6
Aniline
Concen: 6.19 ng/mL
RT: 6.76 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	42681		
66	305.0	30.7	46.1#	
65	216.3	15.8	23.8#	





#7

Phenol-d6

Concen: 125.19 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

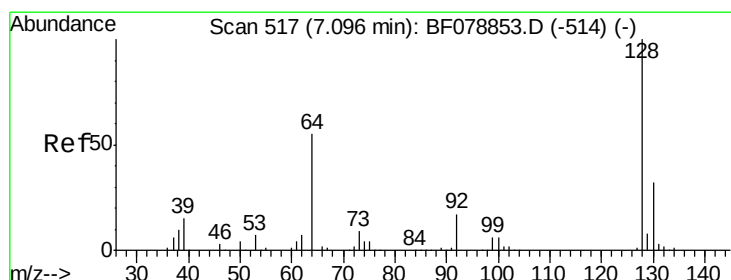
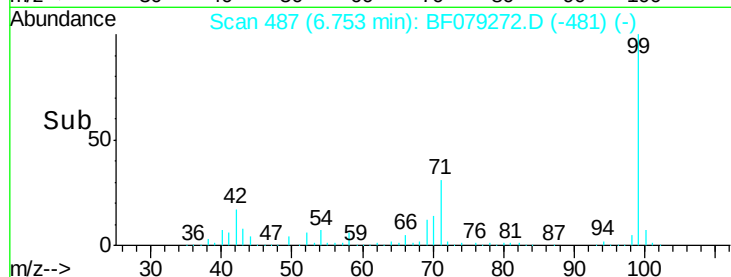
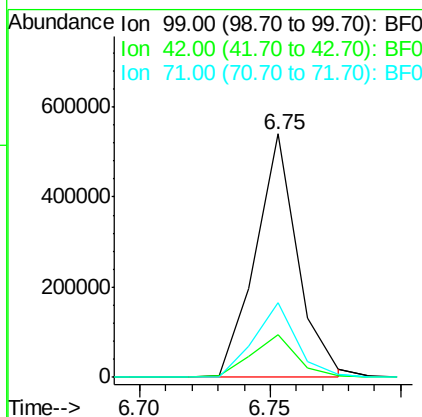
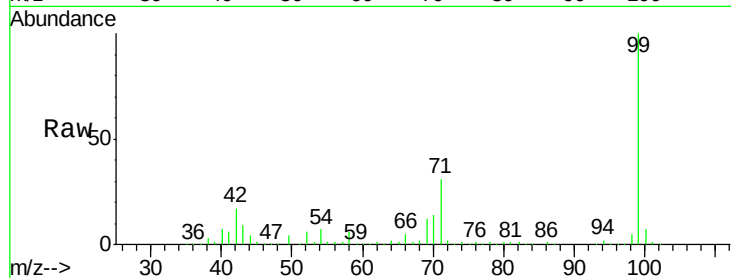
ClientSampleId :

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Tot Ion:	99	Resp:	611247
Ion Ratio	Lower	Upper	
99	100		
42	17.4	17.1	25.7
71	30.7	26.3	39.5

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#8

2-Chlorophenol

Concen: 45.29 ng

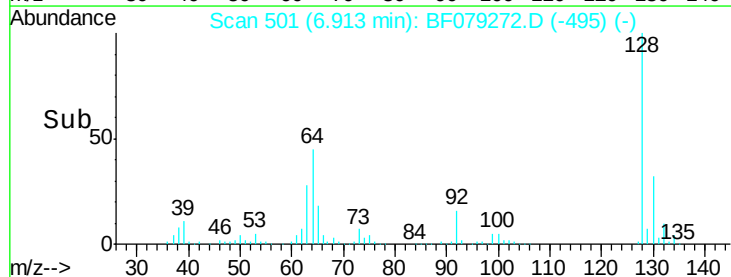
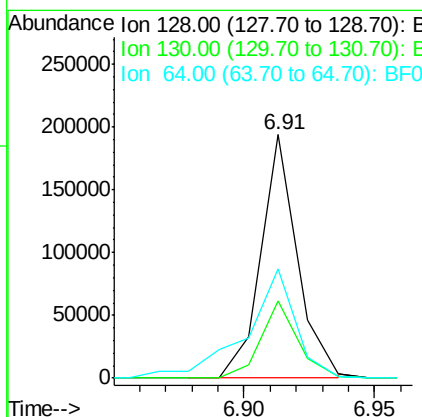
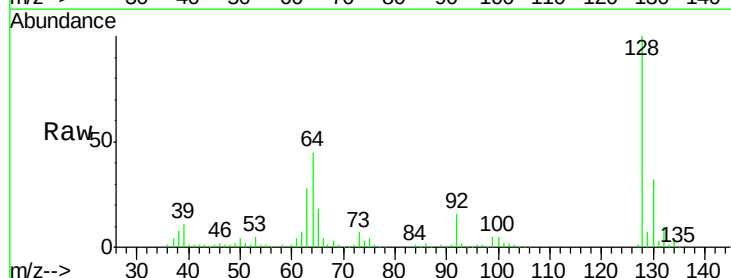
RT: 6.91 min Scan# 501

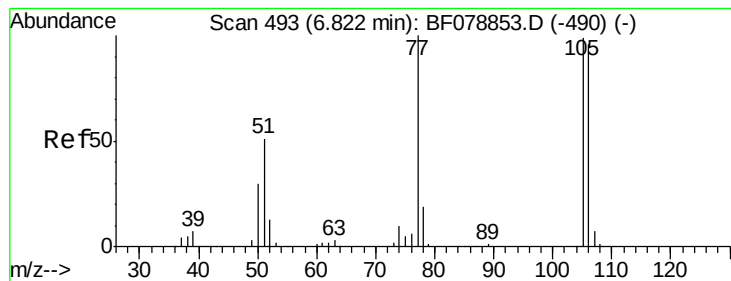
Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	128	Resp:	189753
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.4	52.4
64	45.1	37.8	77.8





#9

Benzaldehyde

Concen: 17.74 ng

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

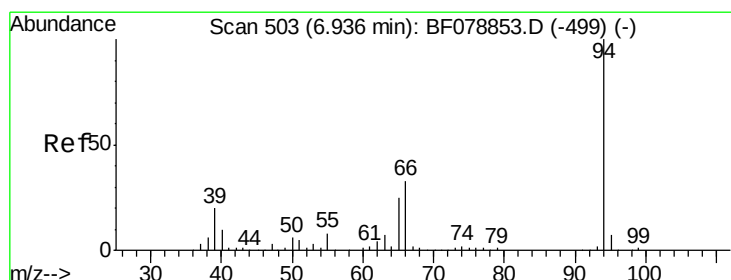
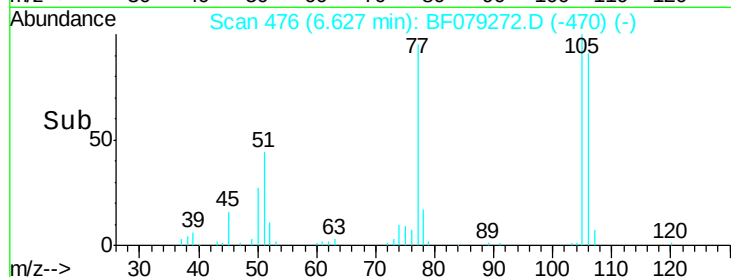
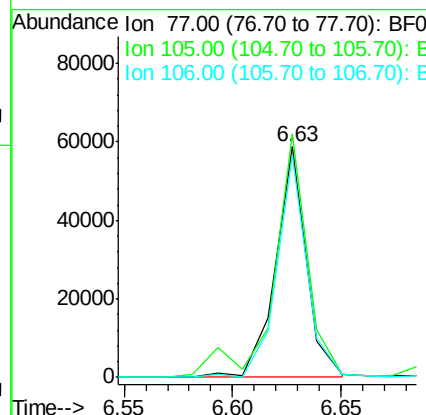
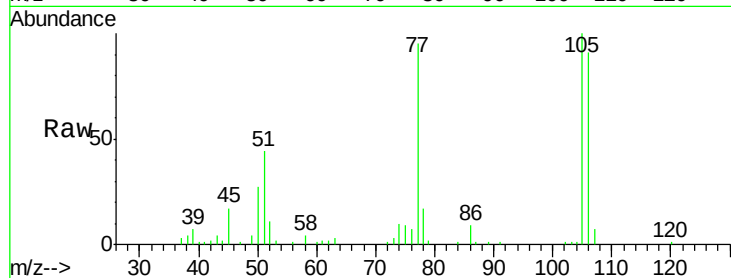
ClientSampleId :

LAR9797-AMSD

Tot Ion:	77	Resp:	58363
Ion	Ratio	Lower	Upper
77	100		
105	105.5	78.9	118.9
106	96.3	75.8	115.8

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#10

Phenol

Concen: 39.31 ng

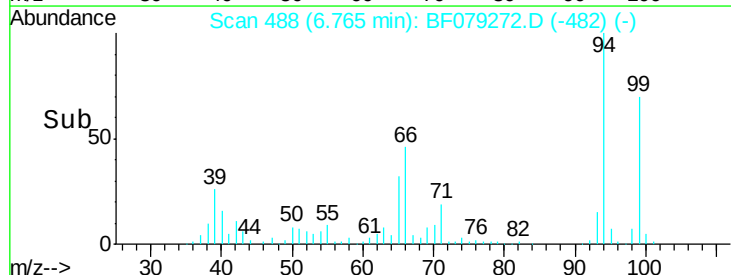
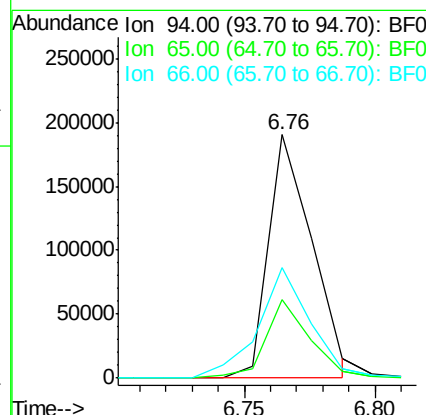
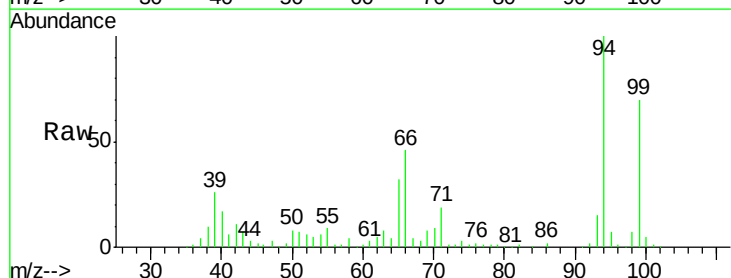
RT: 6.76 min Scan# 488

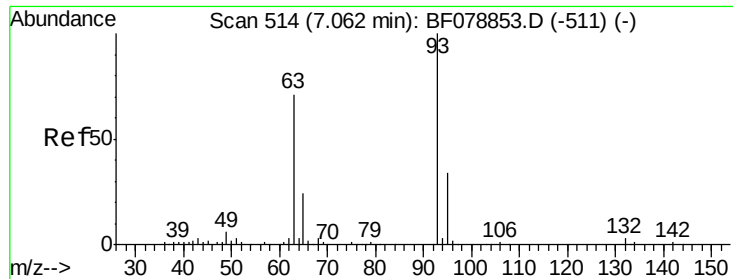
Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	94	Resp:	222629
Ion	Ratio	Lower	Upper
94	100		
65	32.3	5.1	45.1
66	45.5	13.1	53.1





#11

bis(2-Chloroethyl)ether

Concen: 42.30 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

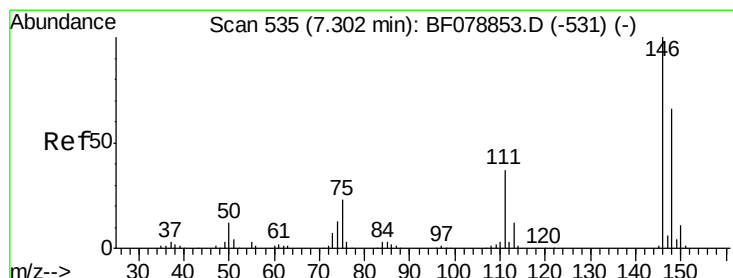
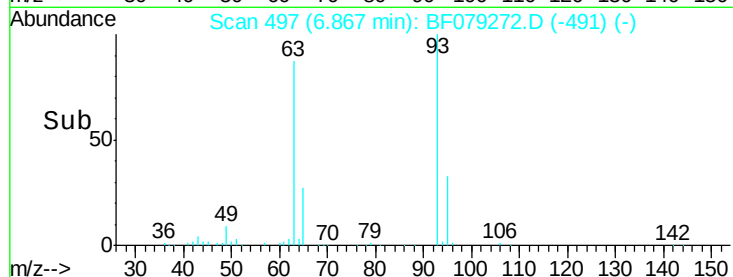
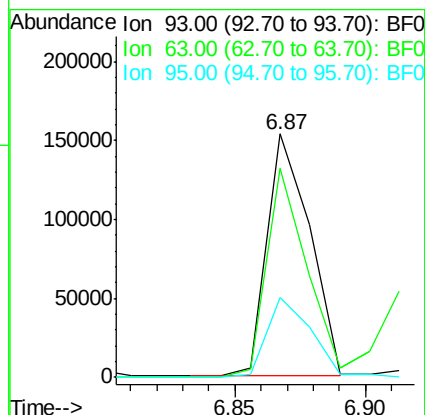
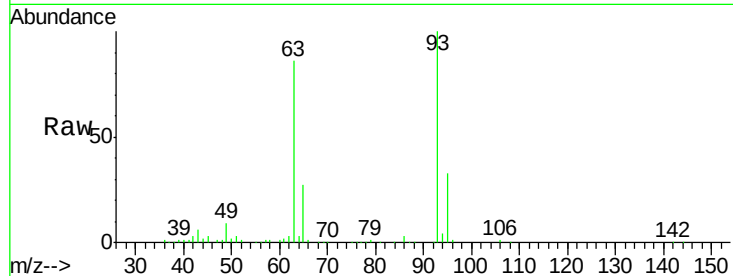
ClientSampleId :

LAR9797-AMSD

Tot Ion:	93	Resp:	175624
Ion	Ratio	Lower	Upper
93	100		
63	85.9	50.8	90.8
95	32.6	13.9	53.9

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#12

1,3-Dichlorobenzene

Concen: 40.51 ng

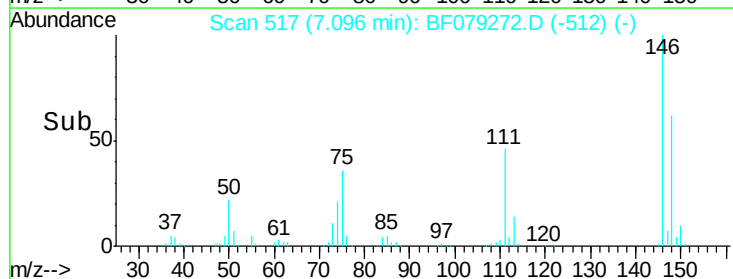
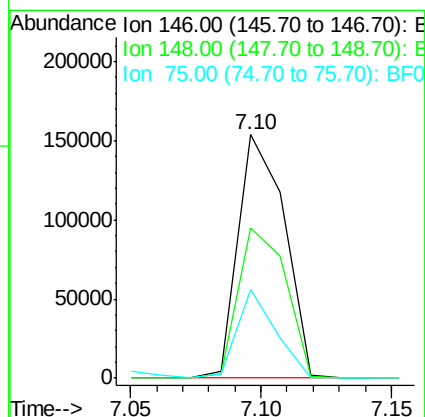
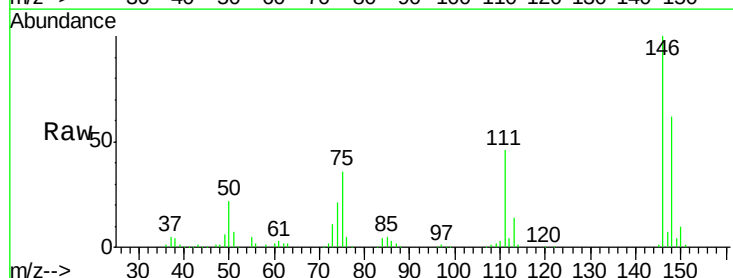
RT: 7.10 min Scan# 517

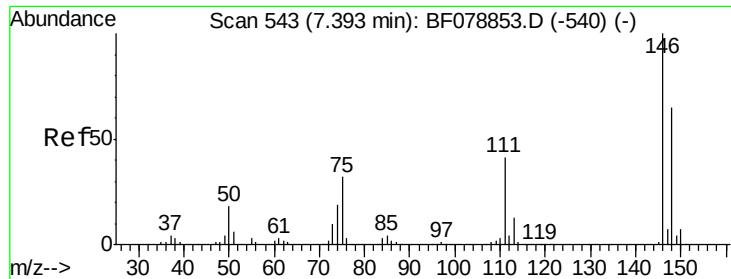
Delta R.T. -0.01 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	146	Resp:	190757
Ion	Ratio	Lower	Upper
146	100		
148	61.6	52.4	78.6
75	36.4	18.6	27.8#





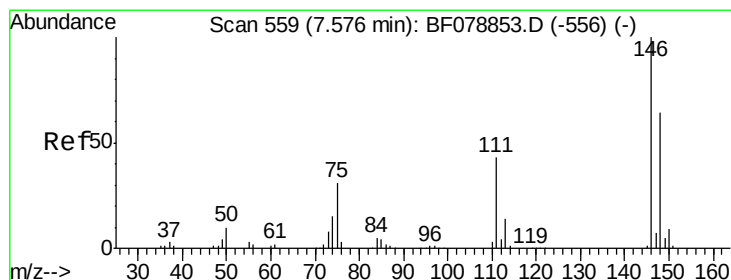
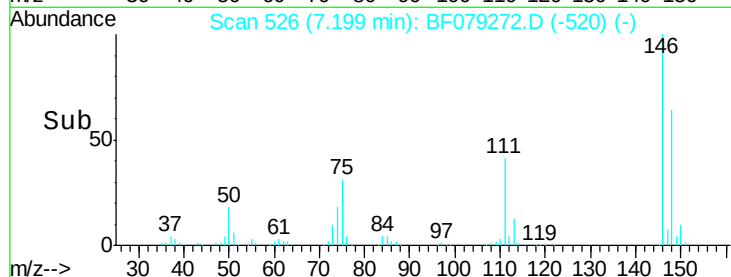
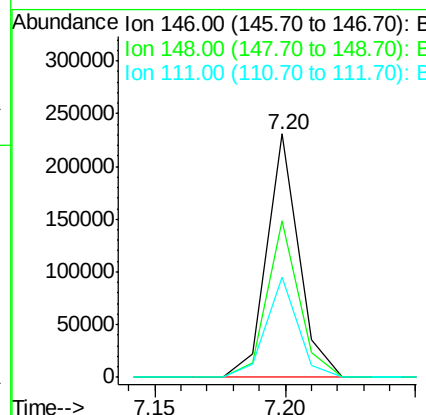
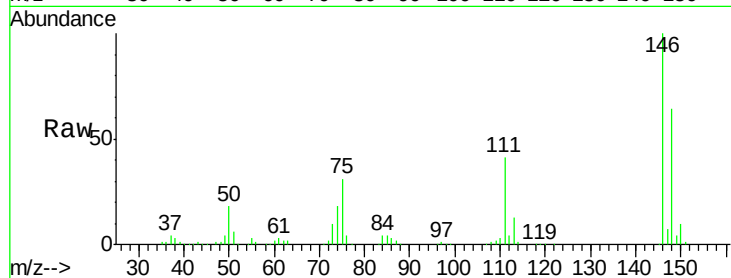
#13
 1,4-Dichlorobenzene
 Concen: 40.97 ng
 RT: 7.20 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
111	41.4	32.8	49.2

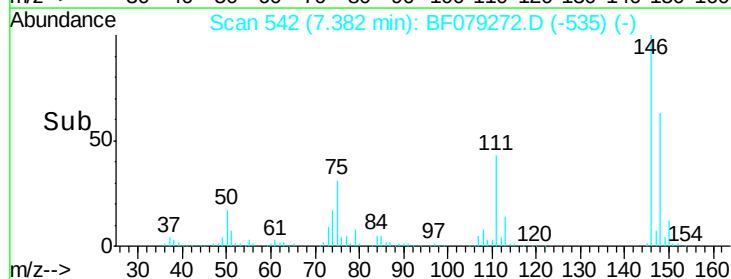
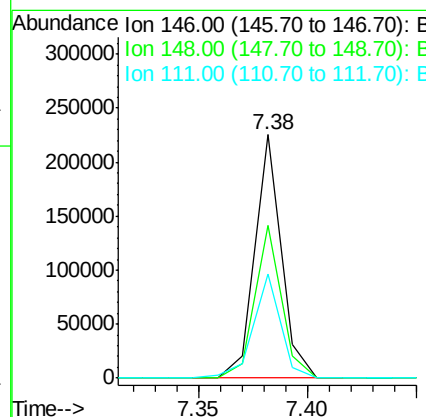
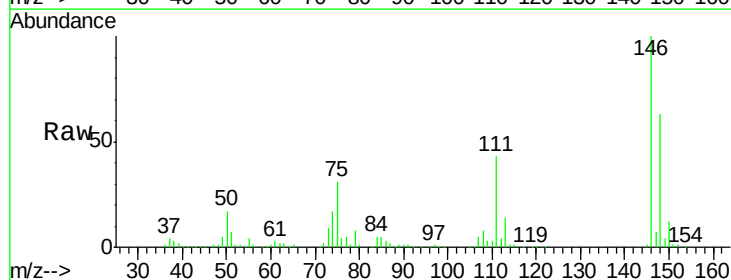
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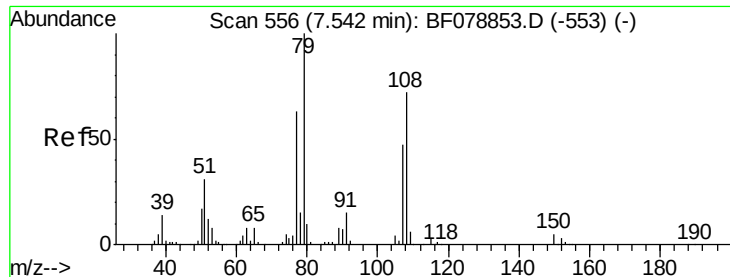
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#14
 1,2-Dichlorobenzene
 Concen: 42.26 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	43.0	34.6	52.0





#15

Benzyl Alcohol

Concen: 44.12 ng

RT: 7.37 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

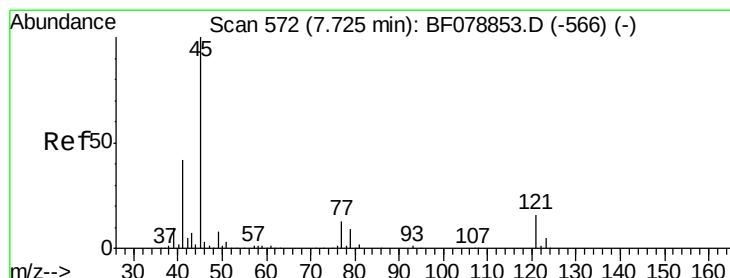
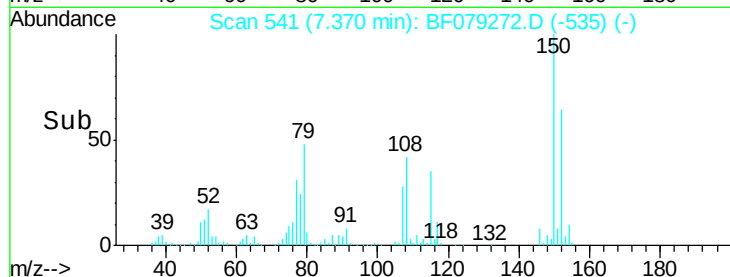
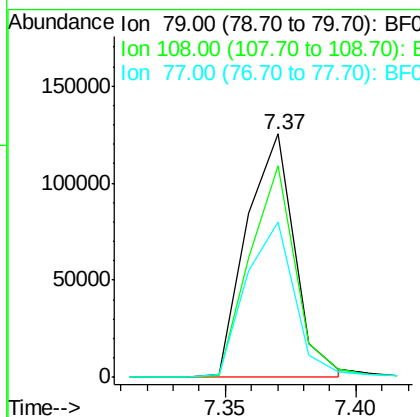
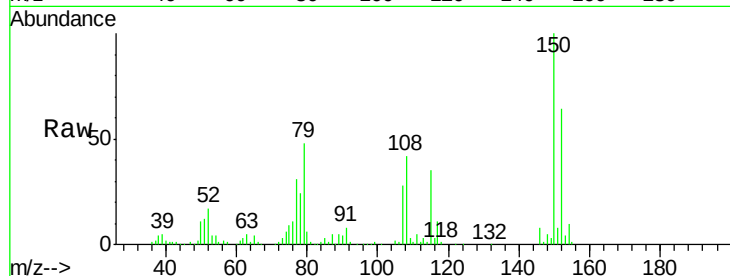
ClientSampleId :

LAR9797-AMSD

Tot Ion:	79	Resp:	159903
Ion Ratio	Lower	Upper	
79	100		
108	87.0	57.4	86.2#
77	63.9	50.2	75.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.60 ng

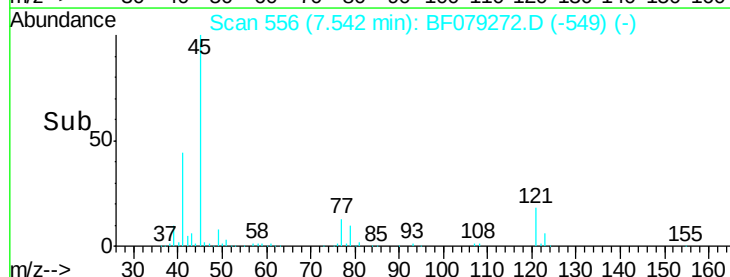
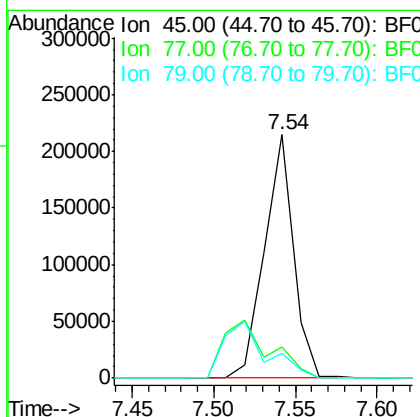
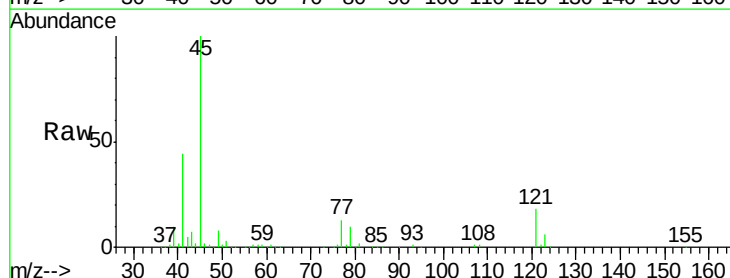
RT: 7.54 min Scan# 556

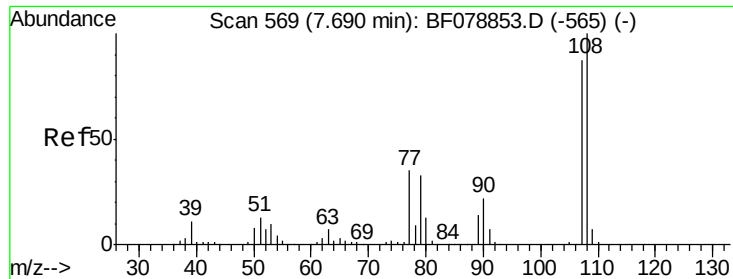
Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	45	Resp:	264246
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	32.6
79	10.4	0.0	29.3





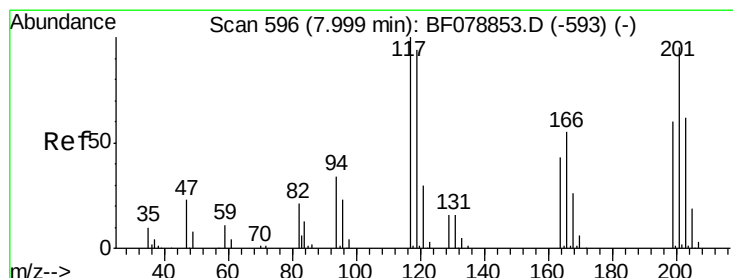
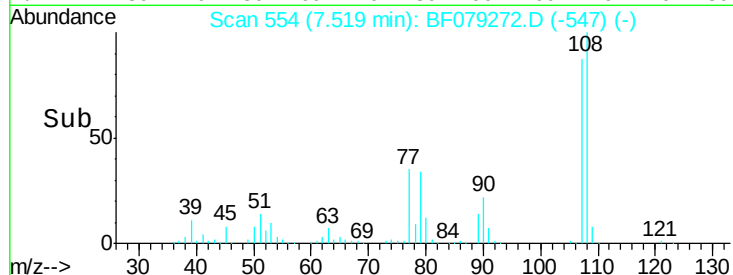
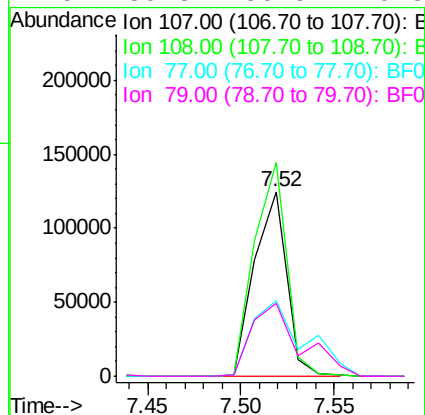
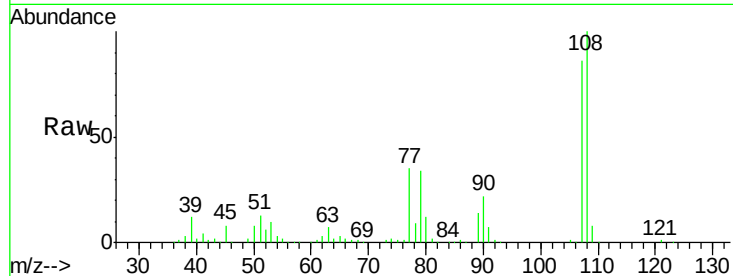
#17
2-Methylphenol
Concen: 44.31 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion:	107	Resp:	149373
Ion Ratio	Lower	Upper	
107	100		
108	115.7	92.4	138.6
77	40.9	32.6	49.0
79	39.8	30.9	46.3

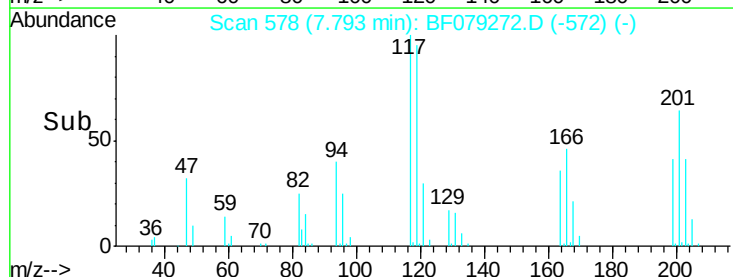
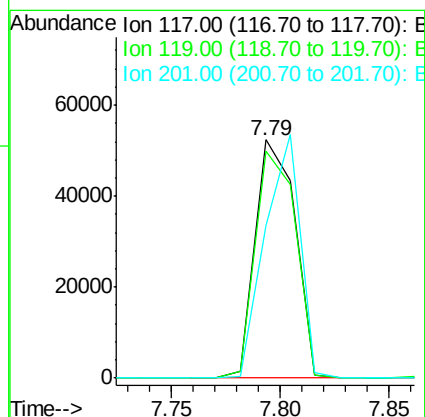
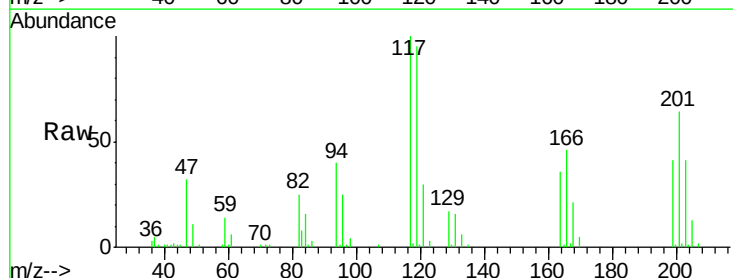
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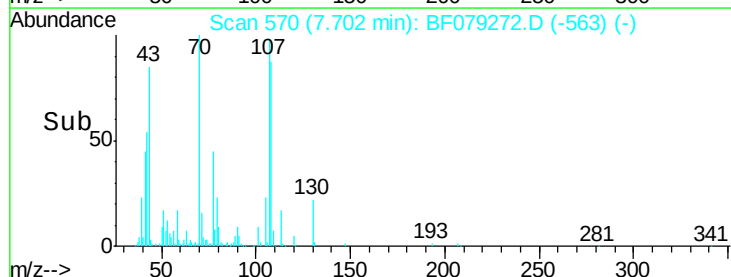
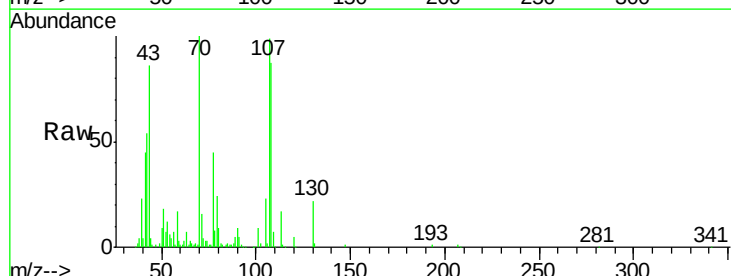
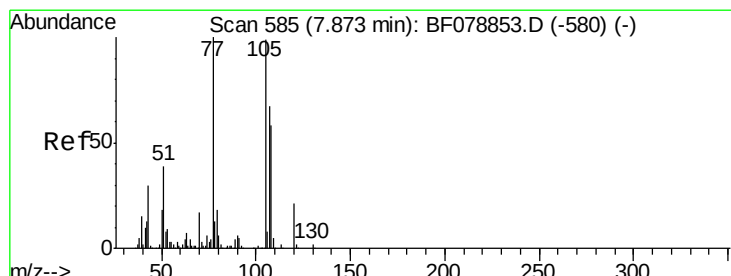
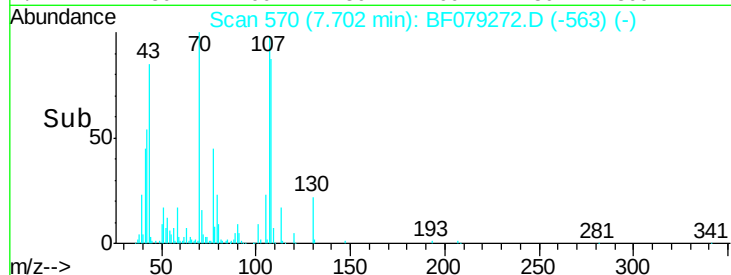
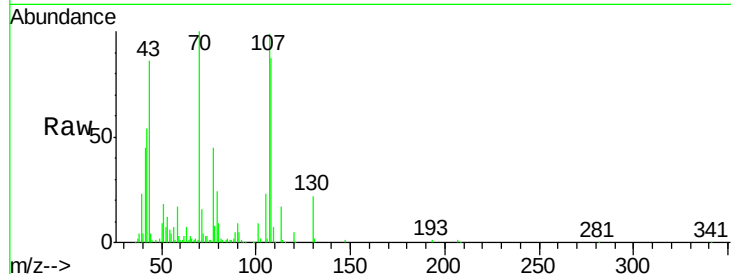
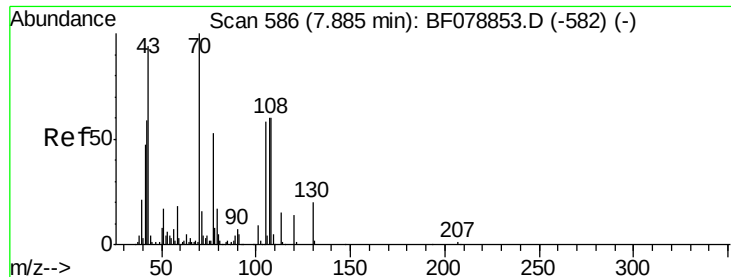
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#18
Hexachloroethane
Concen: 40.27 ng
RT: 7.79 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

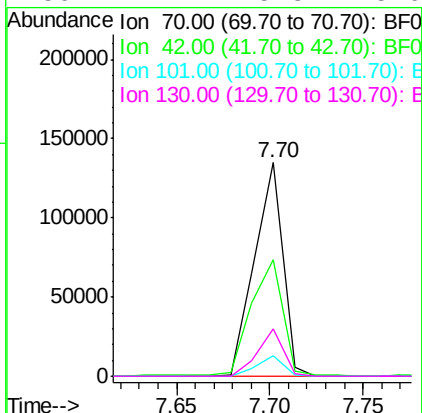
Tgt Ion:	117	Resp:	67225
Ion Ratio	Lower	Upper	
117	100		
119	95.3	75.2	112.8
201	63.9	75.8	113.8#





#19
n-Nitroso-di-n-propylamine
Concen: 42.96 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.4	47.3	70.9	
101	9.4	7.5	11.3	
130	22.1	15.8	23.6	



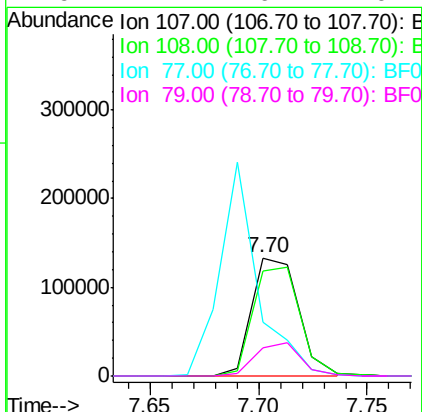
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

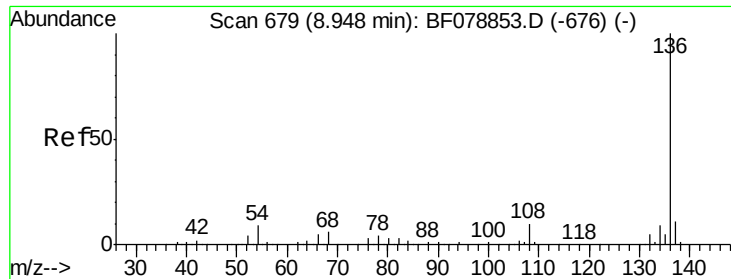
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#20
3+4-Methylphenols
Concen: 44.72 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	66.5	106.5	
77	45.5	130.6	170.6	
79	24.2	6.4	46.4	





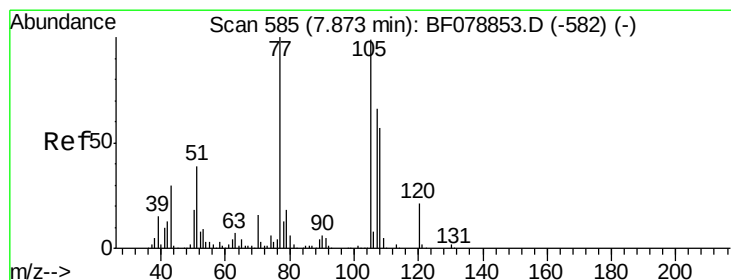
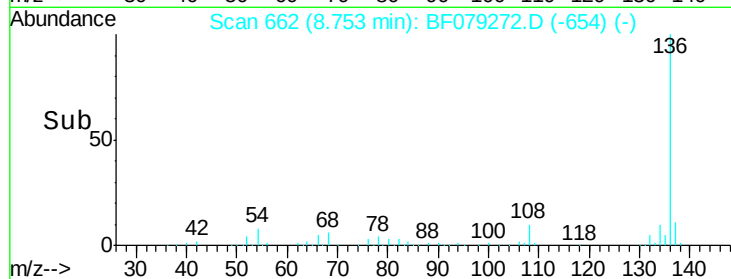
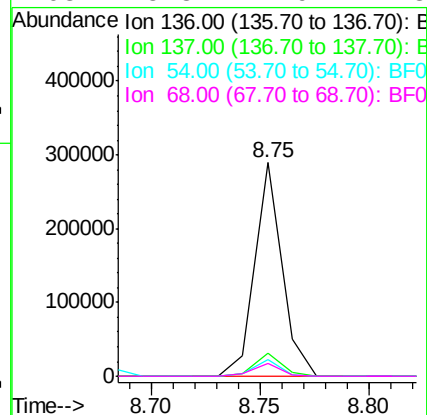
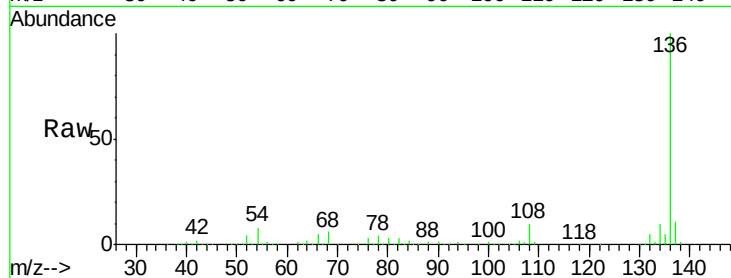
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		253558		
137	11.0		8.8	13.2	
54	7.9		6.9	10.3	
68	5.8		4.9	7.3	

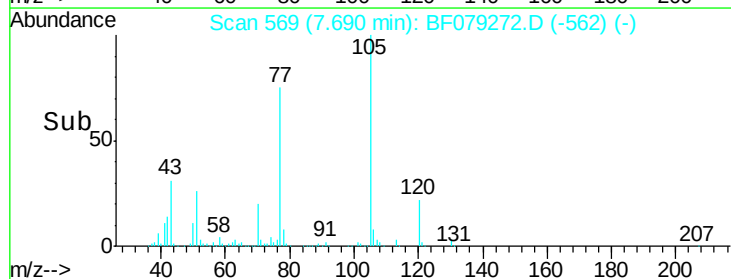
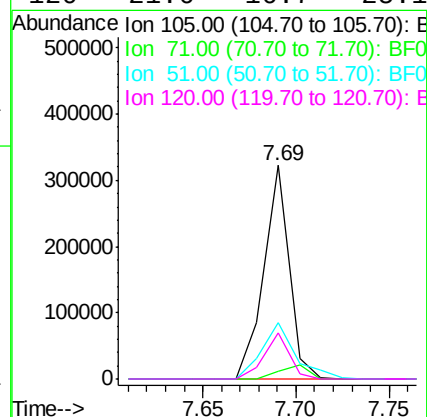
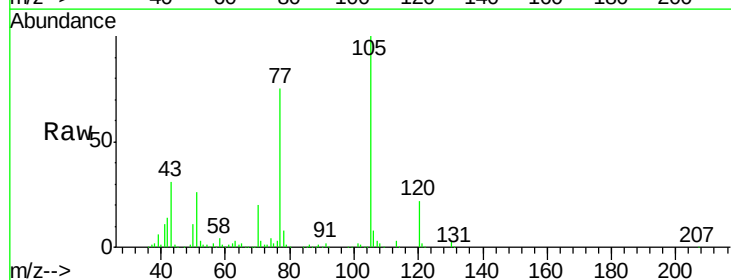
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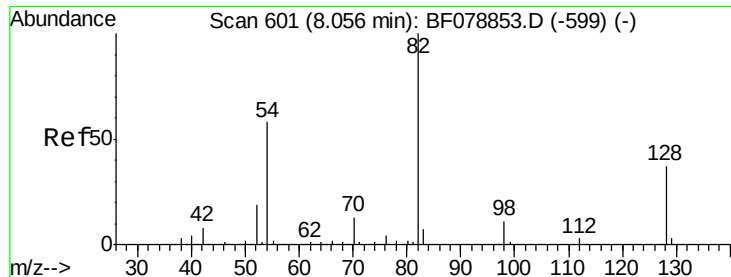
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#22
Acetophenone
Concen: 52.96 ng
RT: 7.69 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		303394		
71	3.5		2.2	3.4#	
51	26.3		31.1	46.7#	
120	21.6		16.7	25.1	





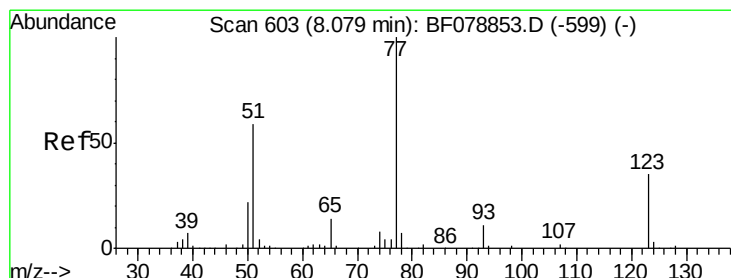
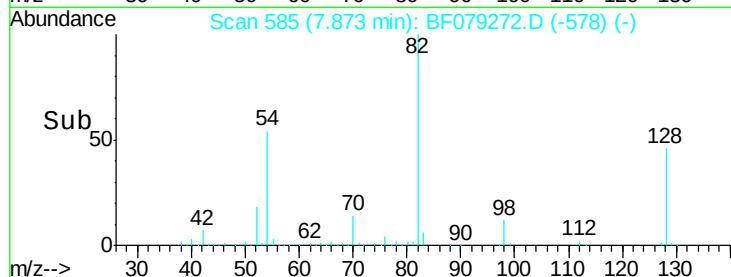
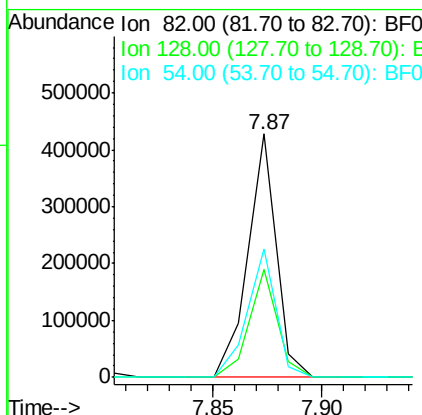
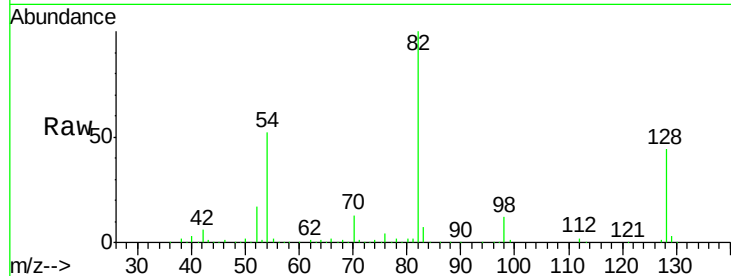
#23
 Nitrobenzene-d5
 Concen: 88.14 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tot Ion:	82	Resp:	388874
Ion Ratio	Lower	Upper	
82	100		
128	44.5	29.7	44.5
54	52.5	46.2	69.4

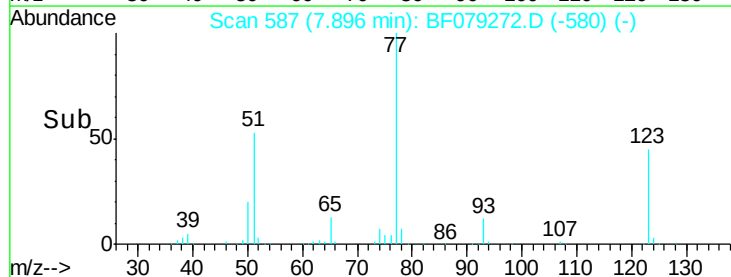
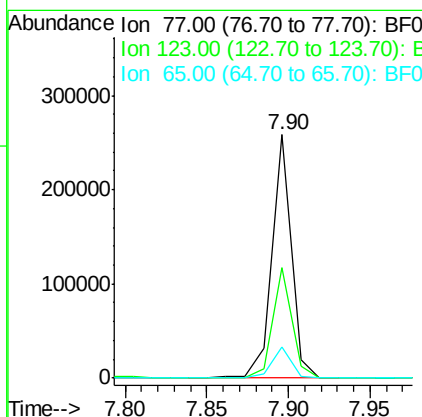
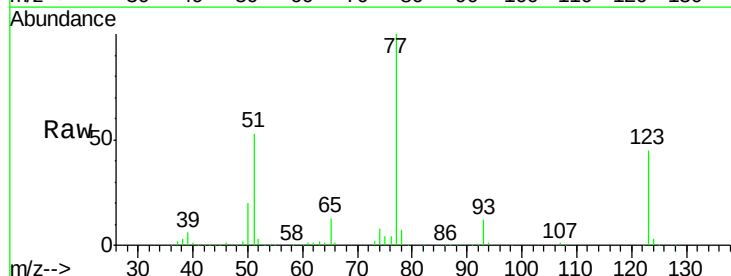
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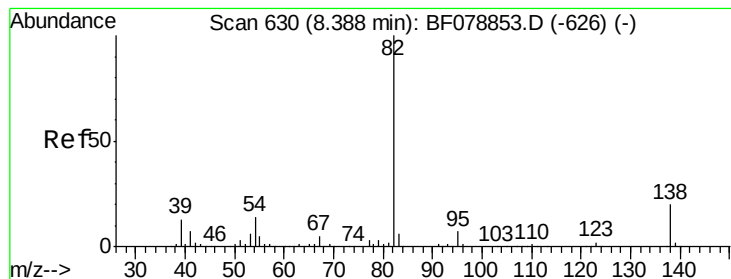
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#24
 Nitrobenzene
 Concen: 49.40 ng
 RT: 7.90 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:	77	Resp:	216026
Ion Ratio	Lower	Upper	
77	100		
123	45.2	28.3	42.5#
65	13.0	11.0	16.4





#25

Isophorone

Concen: 44.09 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

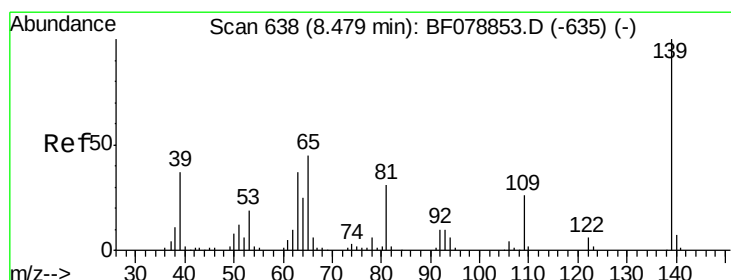
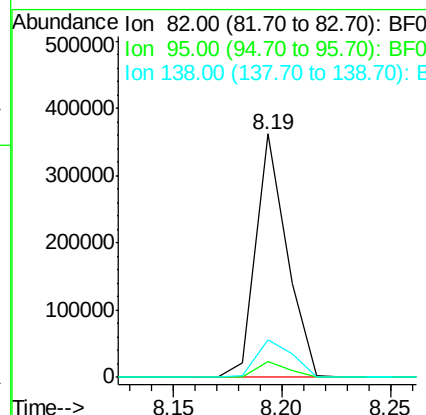
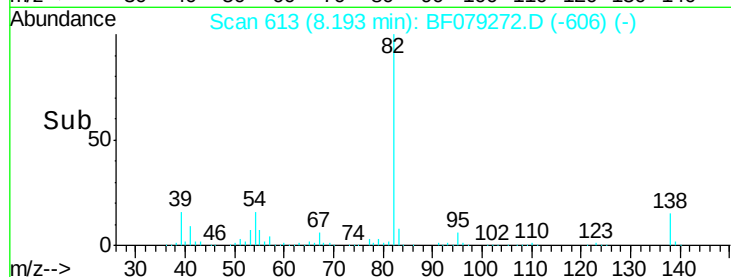
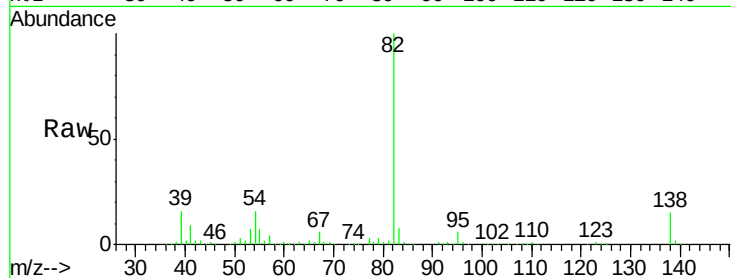
ClientSampleId :

LAR9797-AMSD

Tot Ion:	82	Resp:	360579
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.4	8.2
138	15.4	16.1	24.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.05 ng

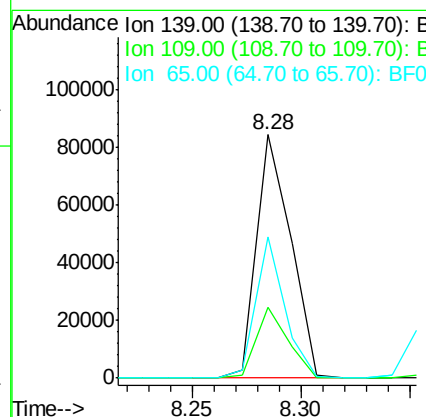
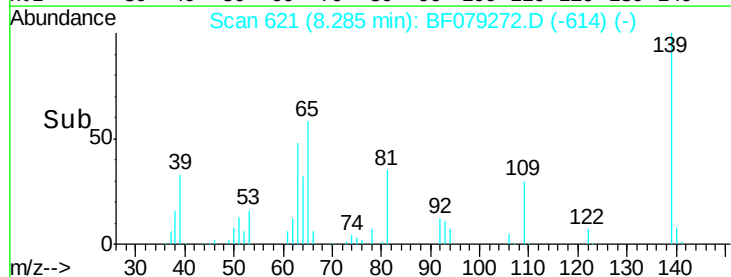
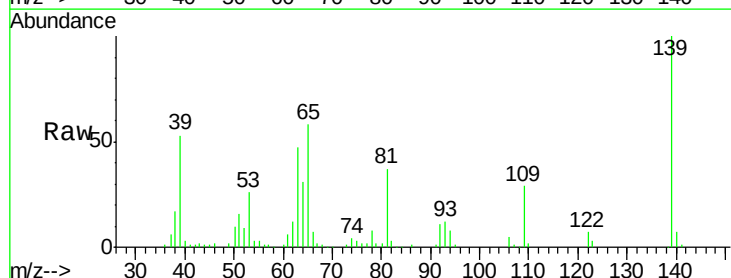
RT: 8.28 min Scan# 621

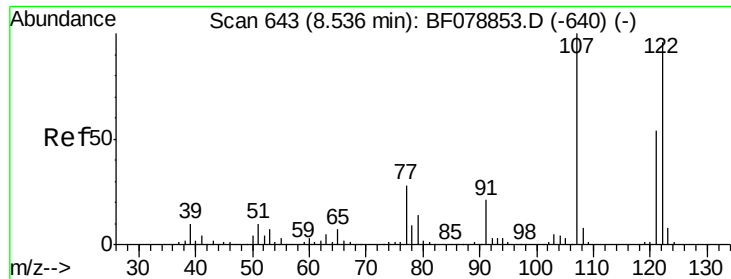
Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	139	Resp:	92399
Ion Ratio	Lower	Upper	
139	100		
109	29.3	20.9	31.3
65	58.3	35.8	53.8#





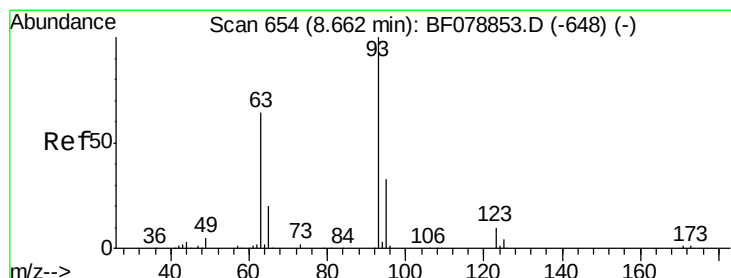
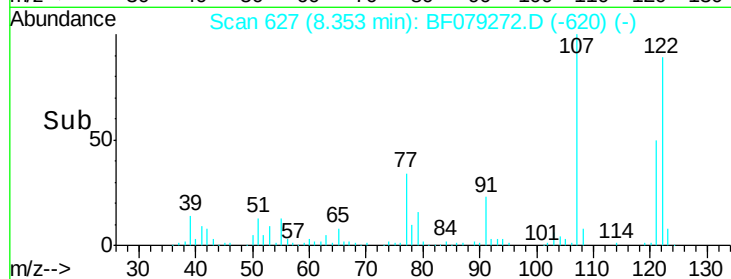
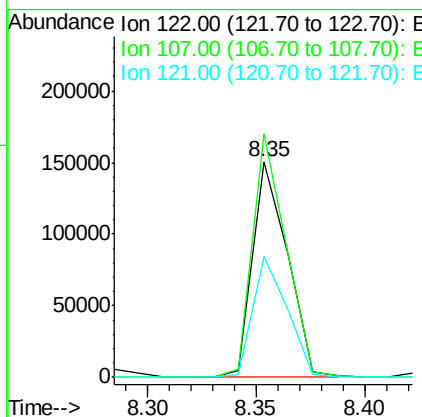
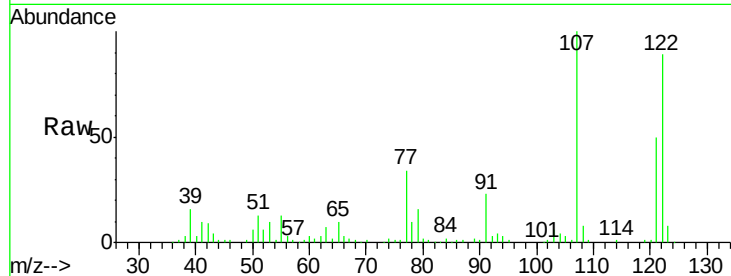
#27
 2,4-Dimethylphenol
 Concen: 46.44 ng
 RT: 8.35 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	168209		
107	112.9	83.6	125.4	
121	56.0	44.9	67.3	

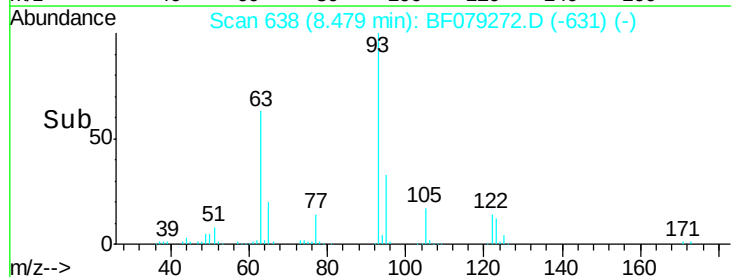
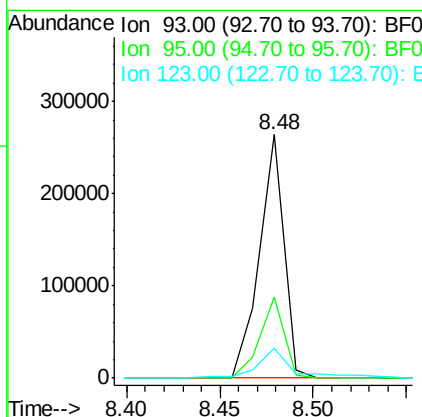
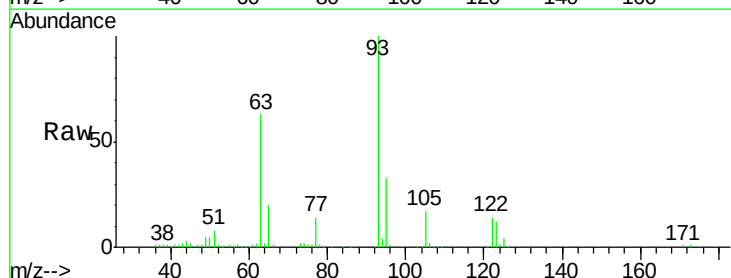
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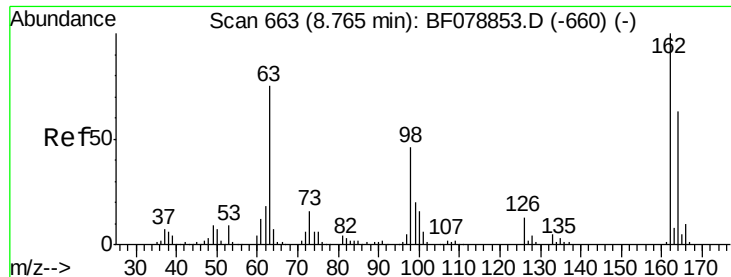
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.65 ng
 RT: 8.48 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	240284		
95	33.4	26.2	39.2	
123	12.1	8.6	12.8	





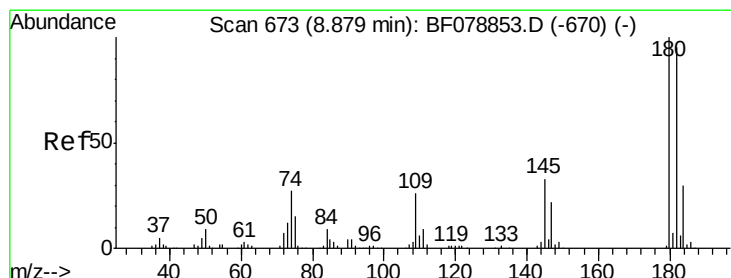
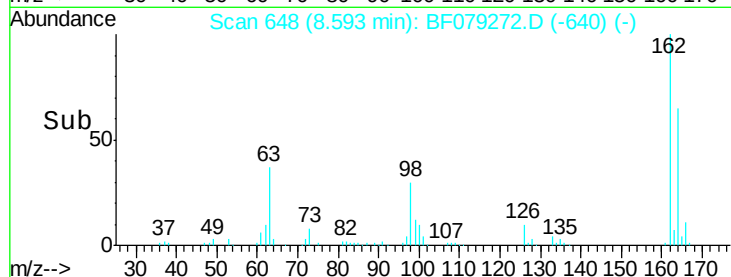
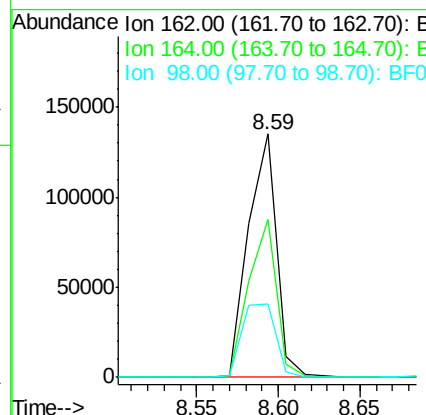
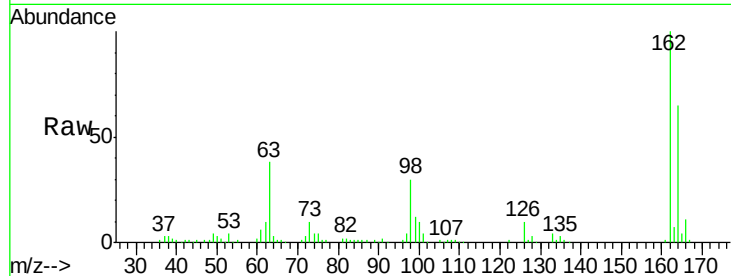
#29
2,4-Dichlorophenol
Concen: 50.27 ng
RT: 8.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	161914		
164	64.7	42.7	82.7	
98	30.3	26.3	66.3	

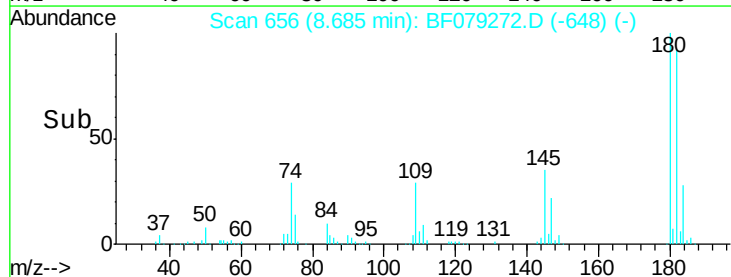
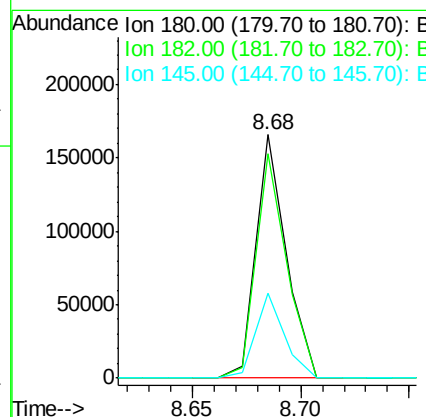
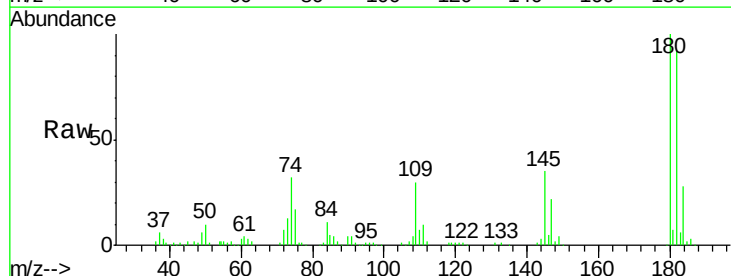
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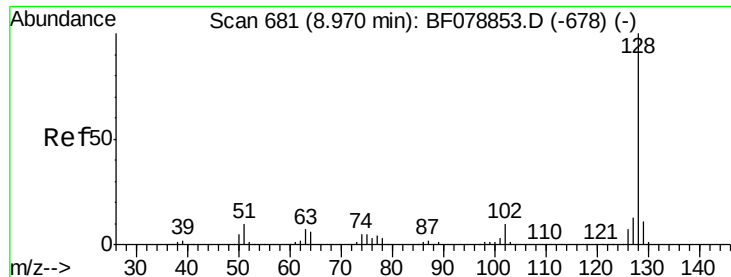
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#30
1,2,4-Trichlorobenzene
Concen: 45.12 ng
RT: 8.68 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	159627		
182	92.0	75.7	113.5	
145	35.0	26.2	39.4	





#31

Naphthalene

Concen: 43.84 ng

RT: 8.78 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

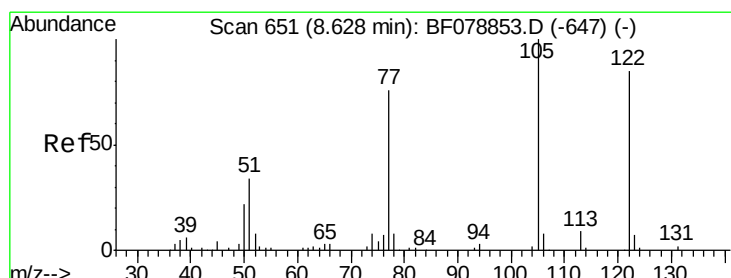
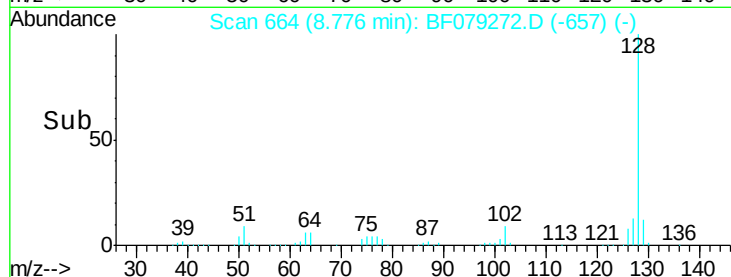
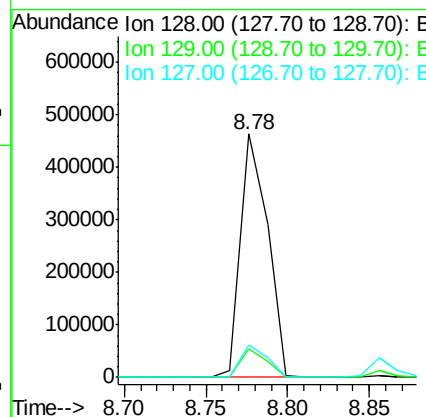
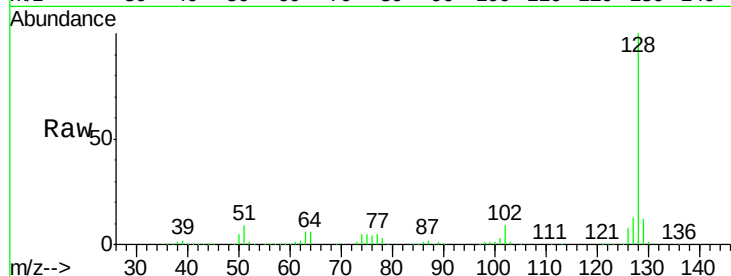
ClientSampleId :

LAR9797-AMSD

Tot Ion:	128	Resp:	529643
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.2	13.8
127	13.2	10.3	15.5

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#32

Benzoic acid

Concen: 95.99 ng m

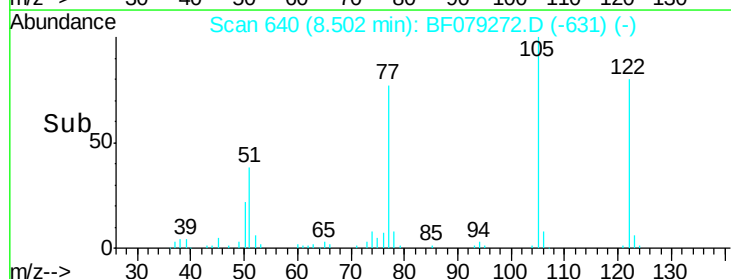
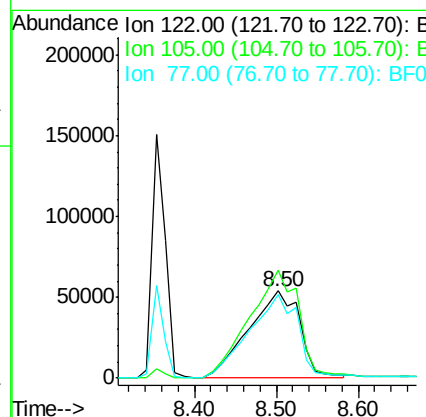
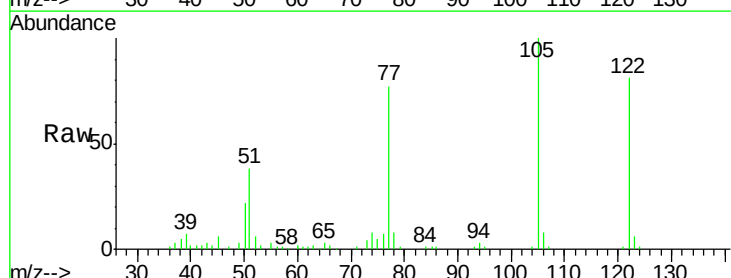
RT: 8.50 min Scan# 640

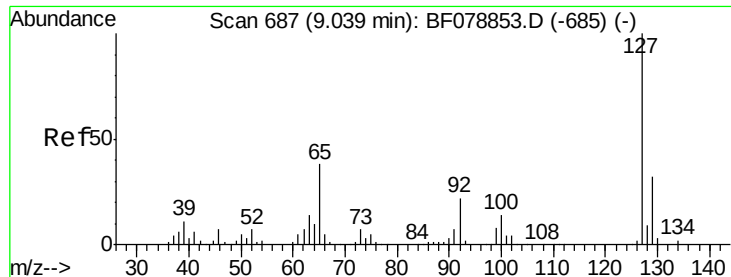
Delta R.T. 0.02 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	122	Resp:	234256
Ion Ratio	Lower	Upper	
122	100		
105	123.5	100.7	140.7
77	95.1	72.0	112.0





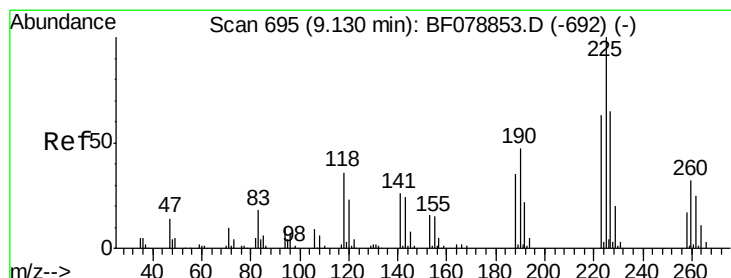
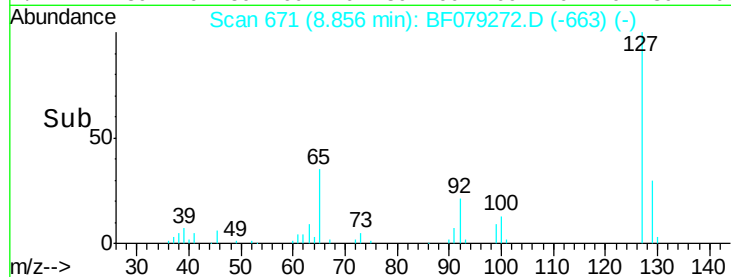
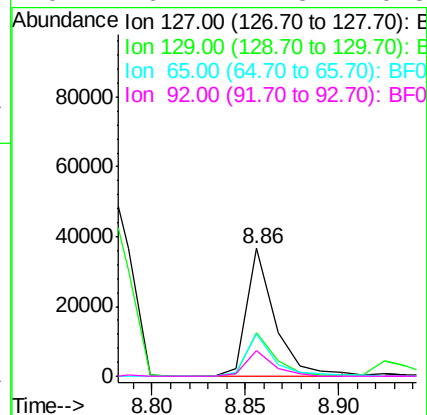
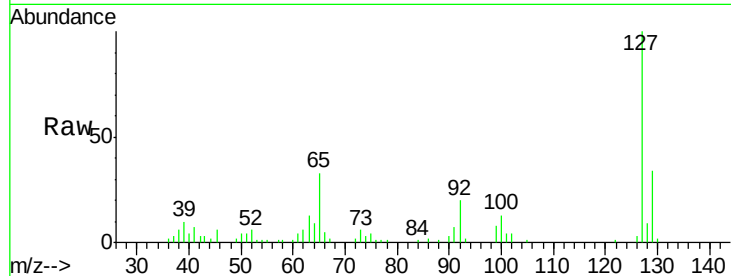
#33
4-Chloroaniline
Concen: 7.64 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		39057		
129	33.9	25.6	38.4		
65	32.8	30.2	45.4		
92	20.1	17.5	26.3		

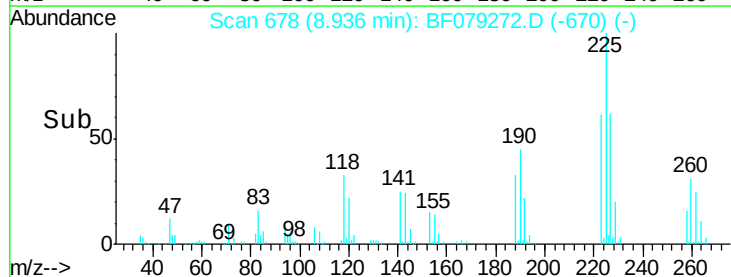
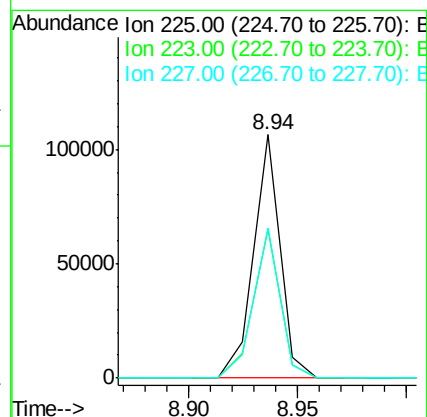
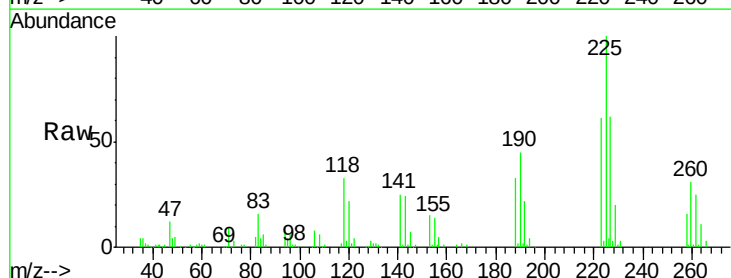
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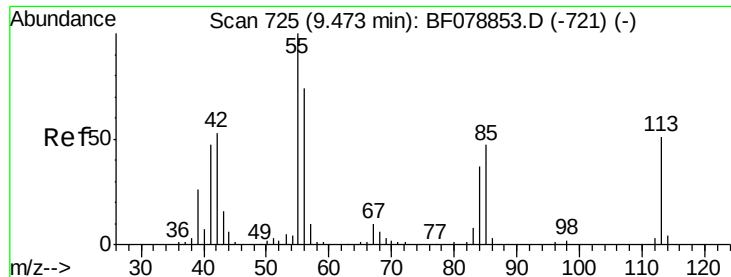
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#34
Hexachlorobutadiene
Concen: 44.24 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		90139		
223	61.3	50.6	75.8		
227	61.9	52.1	78.1		





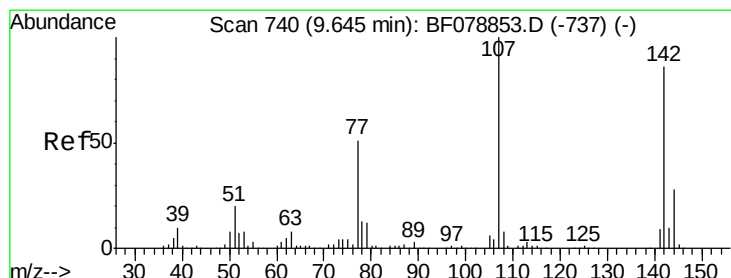
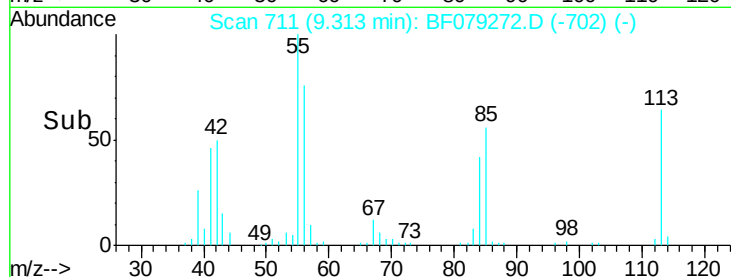
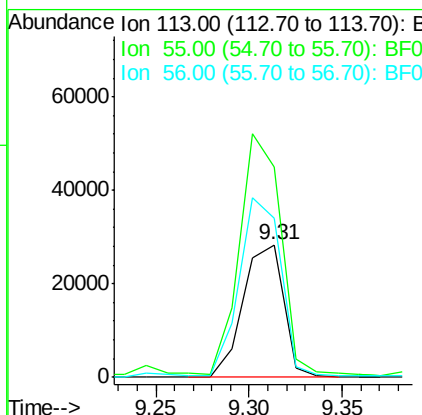
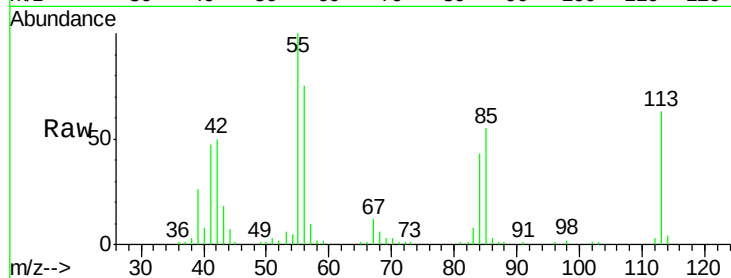
#35
 Caprolactam
 Concen: 41.21 ng
 RT: 9.31 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.7	176.0	216.0#
56	119.4	123.8	163.8#

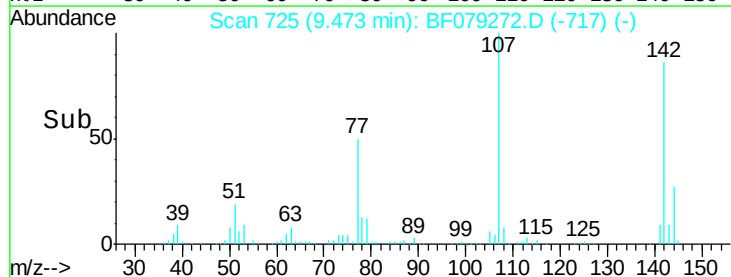
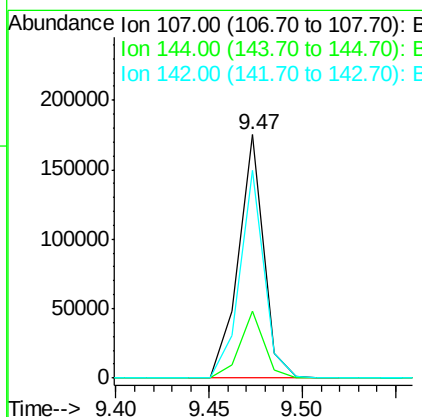
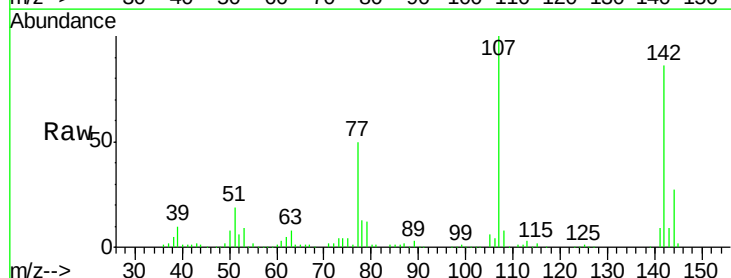
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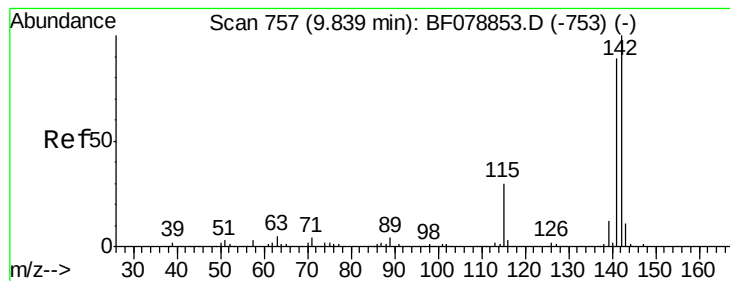
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#36
 4-Chloro-3-methylphenol
 Concen: 49.51 ng
 RT: 9.47 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	22.5	33.7
142	85.5	68.6	103.0





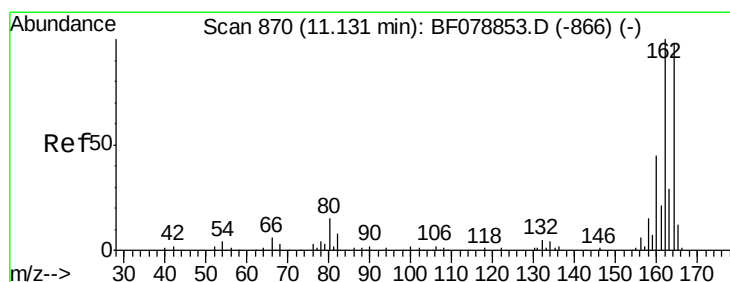
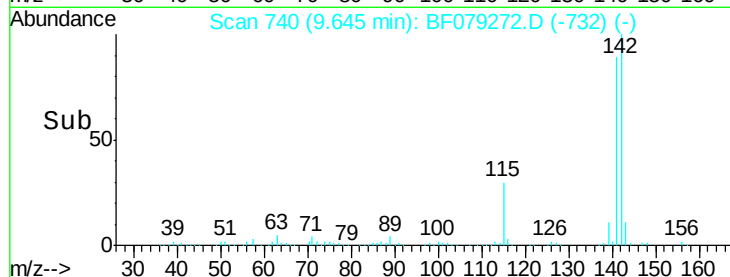
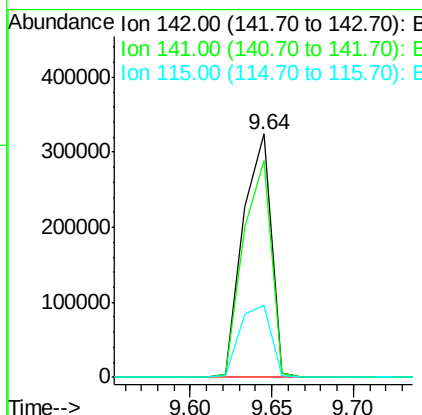
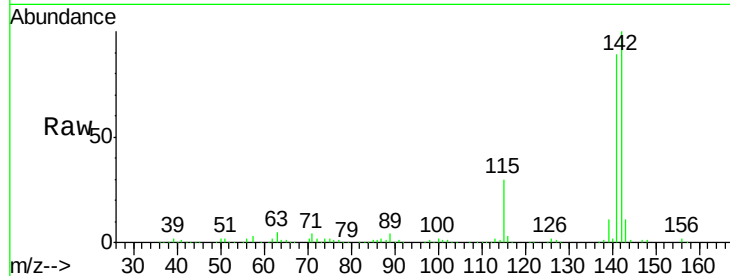
#37
2-Methylnaphthalene
Concen: 46.07 ng
RT: 9.64 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	29.7	24.2	36.4

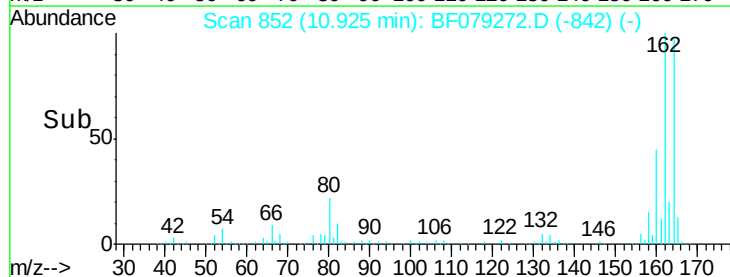
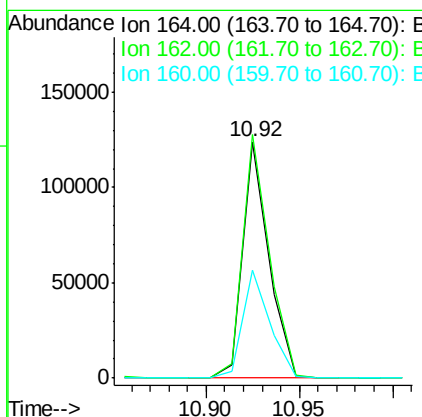
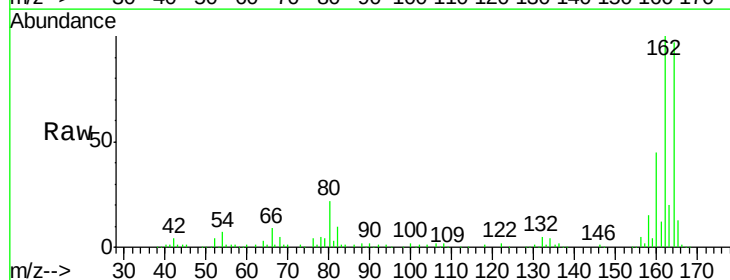
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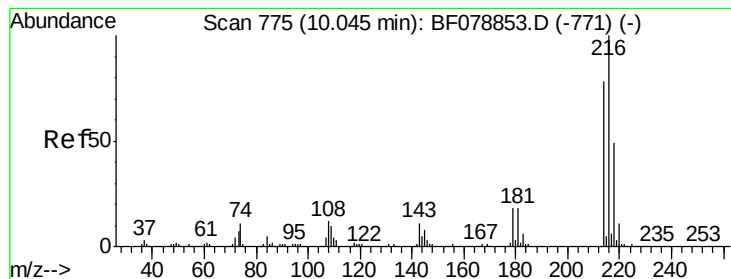
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.0
160	45.9	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.71 ng

RT: 9.85 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

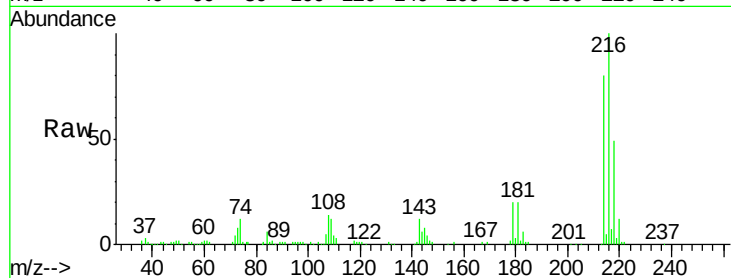
ClientSampleId :

LAR9797-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		154803		
214	79.5		64.0	96.0	
179	21.7		17.0	25.4	
108	22.6		17.0	25.6	

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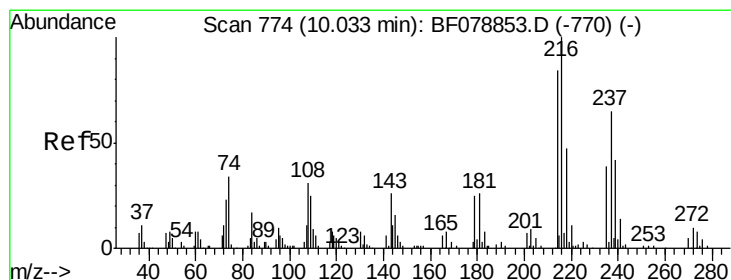
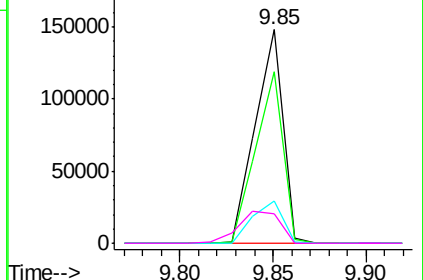
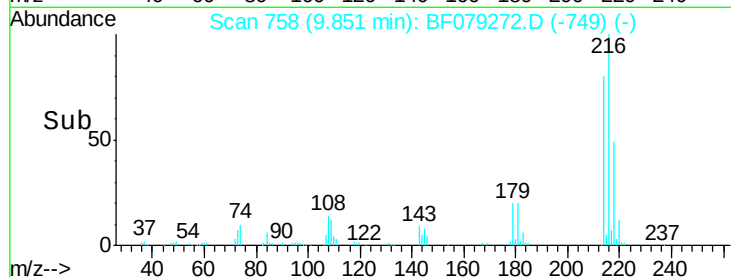


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.33 ng

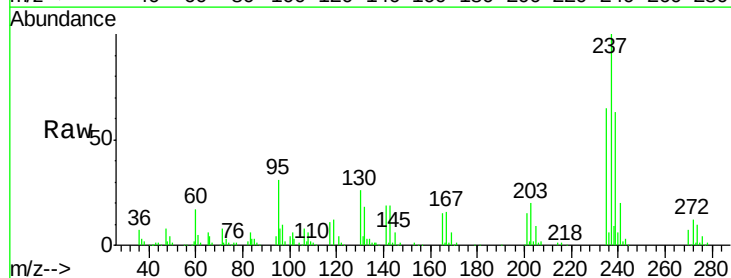
RT: 9.83 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

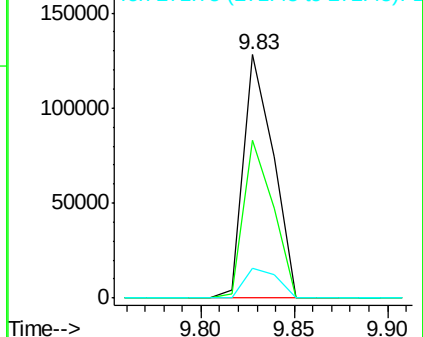
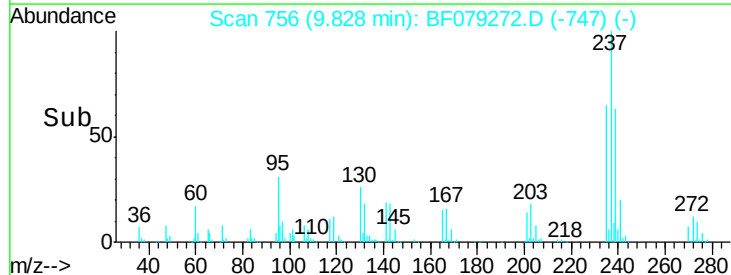
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		141911		
235	64.9		40.0	80.0	
272	12.5		0.0	36.0	

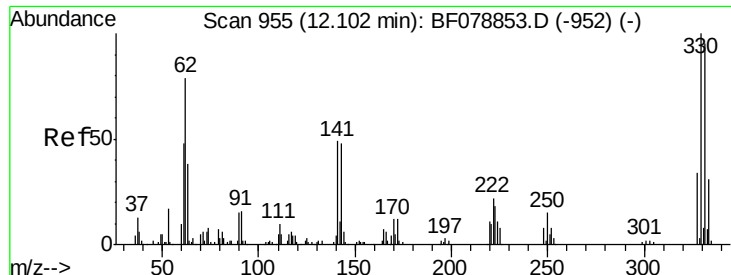


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





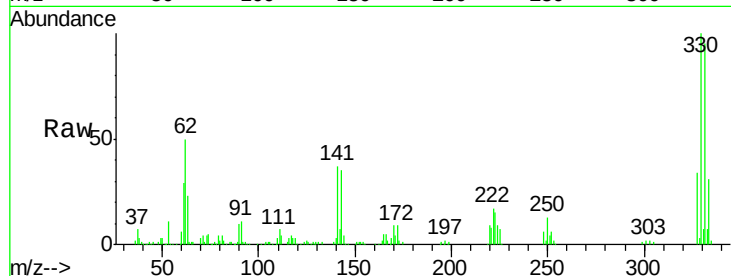
#41
 2,4,6-Tribromophenol
 Concen: 153.00 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

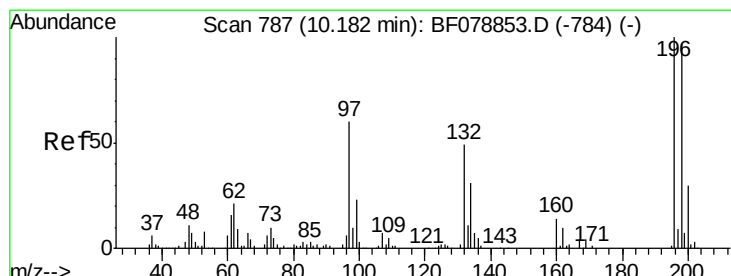
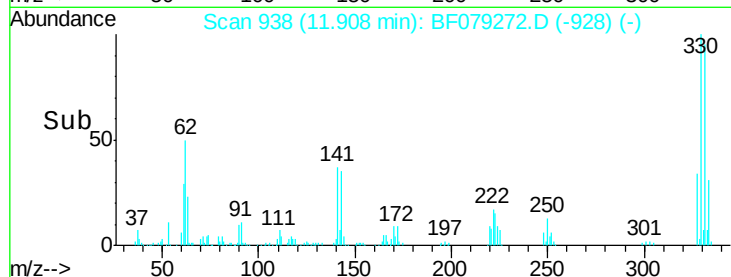
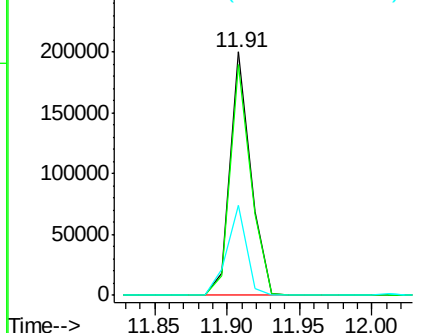
Tot Ion	Ratio	Resp	Lower	Upper
330	100	199047		
332	95.0	76.9	115.3	
141	35.0	27.8	41.8	

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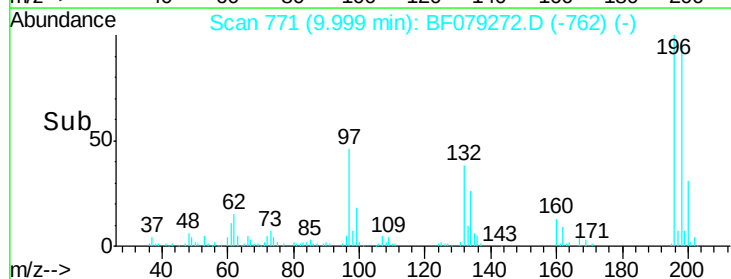
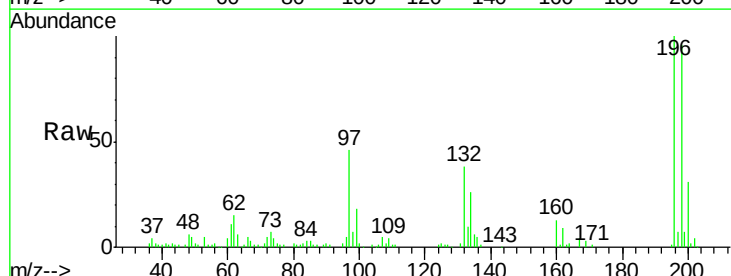
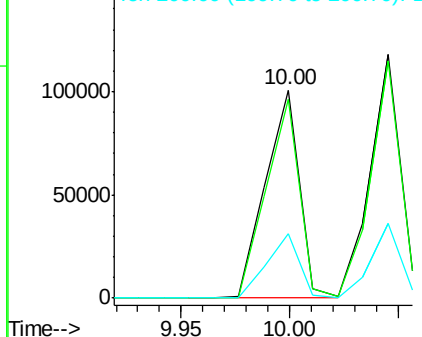
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

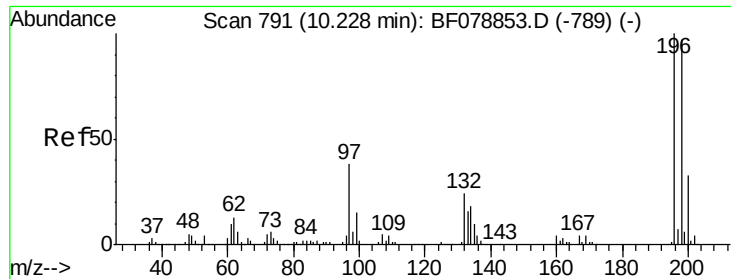


#42
 2,4,6-Trichlorophenol
 Concen: 47.19 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109886		
198	95.5	77.4	116.2	
200	31.2	23.7	35.5	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





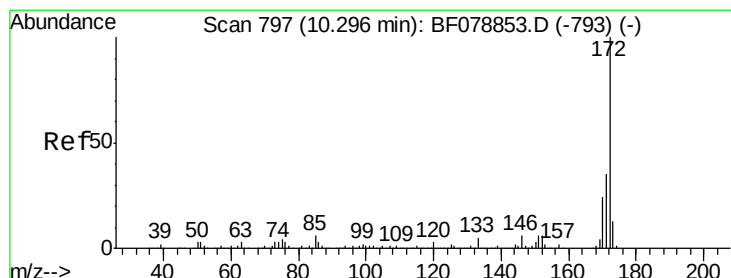
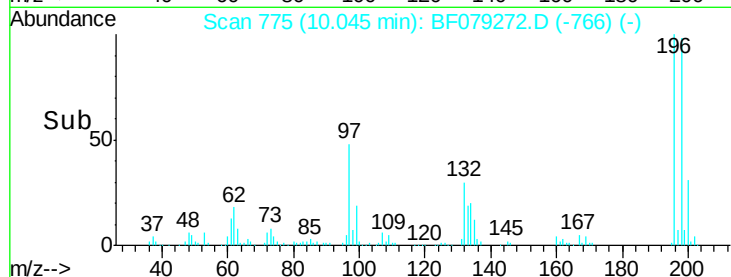
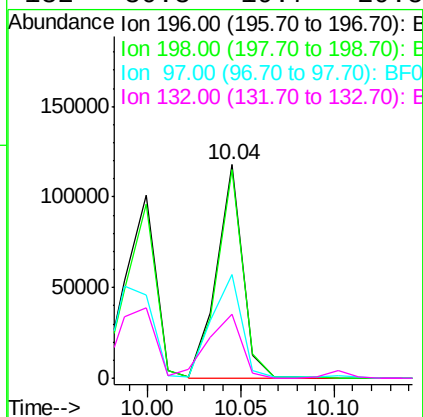
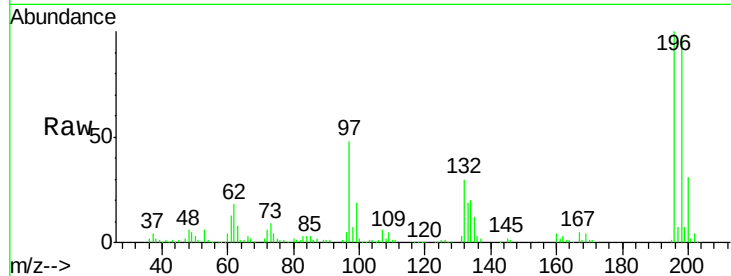
#43
 2,4,5-Trichlorophenol
 Concen: 49.16 ng
 RT: 10.04 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	115716		
198	97.6	77.3	115.9	
97	48.3	31.3	46.9	
132	30.3	19.7	29.5	

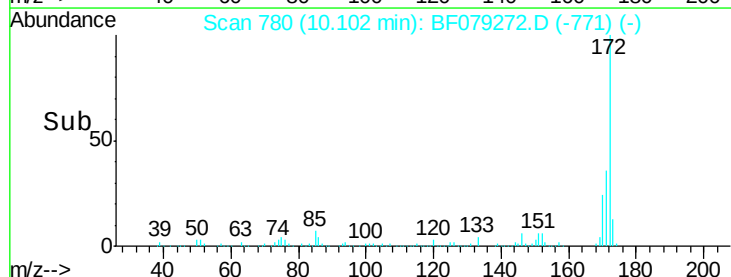
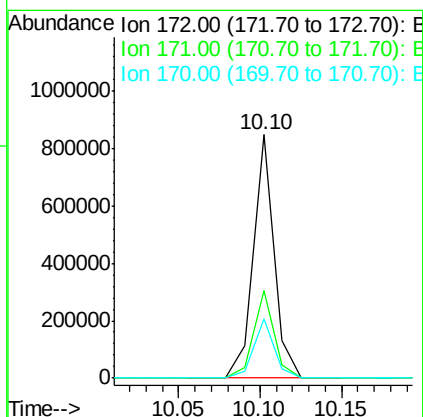
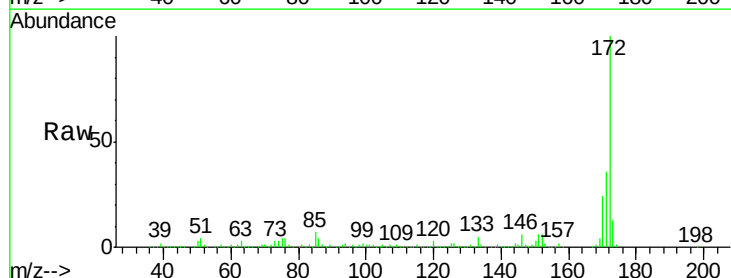
Manual Integrations
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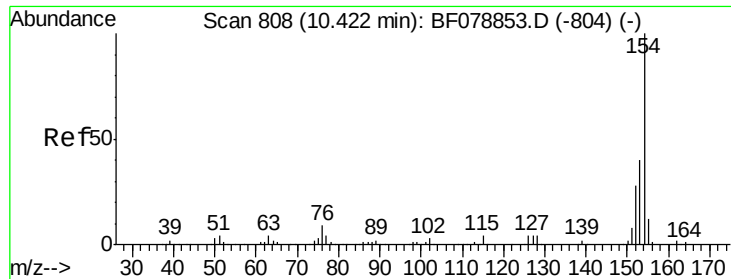
apatel
 5/18/2015 3:39:05 PM



#44
 2-Fluorobiphenyl
 Concen: 86.80 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	749207		
171	36.0	28.3	42.5	
170	24.4	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 47.16 ng

RT: 10.23 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

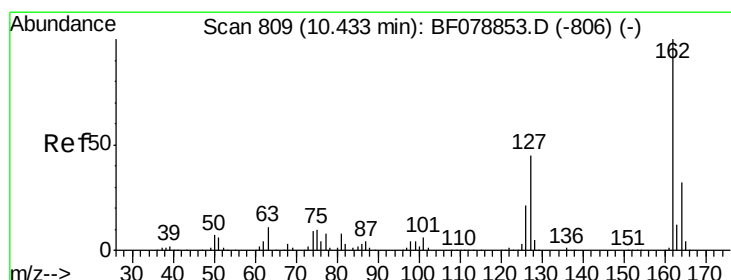
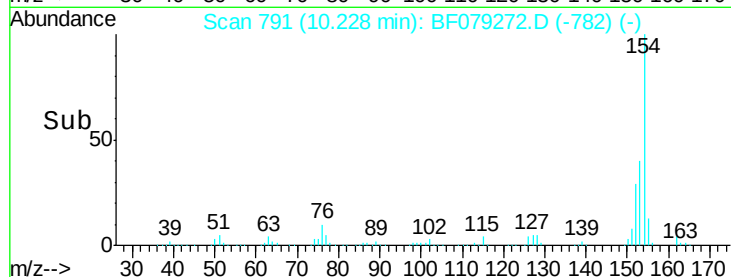
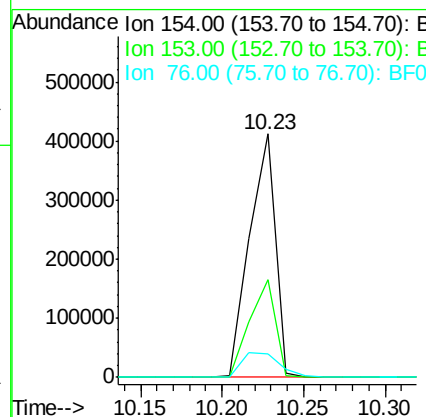
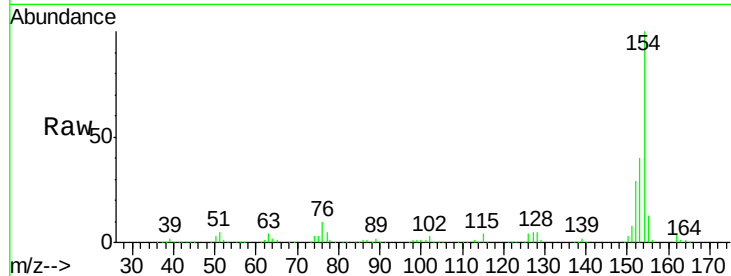
ClientSampled :

LAR9797-AMSD

Tot Ion:	154	Resp:	450822
Ion Ratio	Lower	Upper	
154	100		
153	40.2	19.7	59.7
76	9.8	0.0	29.1

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#46

2-Chloronaphthalene

Concen: 45.86 ng

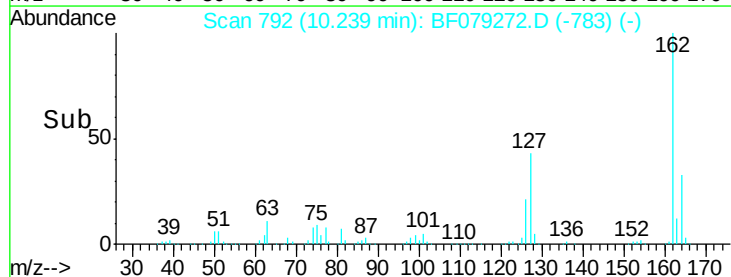
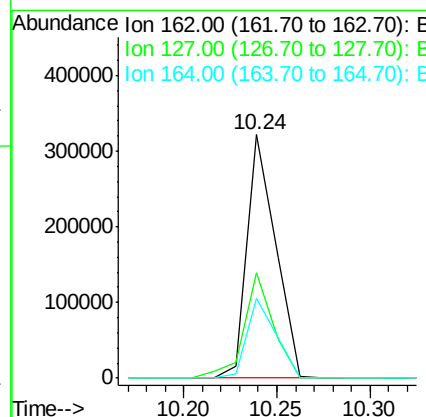
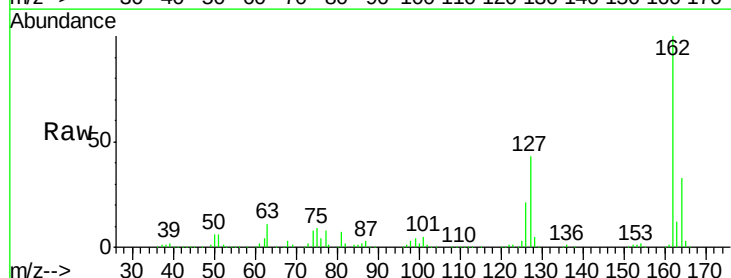
RT: 10.24 min Scan# 792

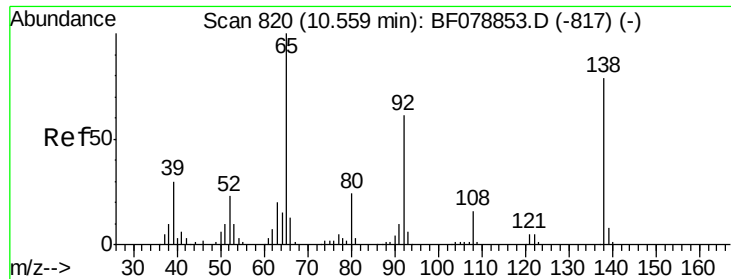
Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	162	Resp:	341949
Ion Ratio	Lower	Upper	
162	100		
127	43.1	36.3	54.5
164	32.8	25.9	38.9





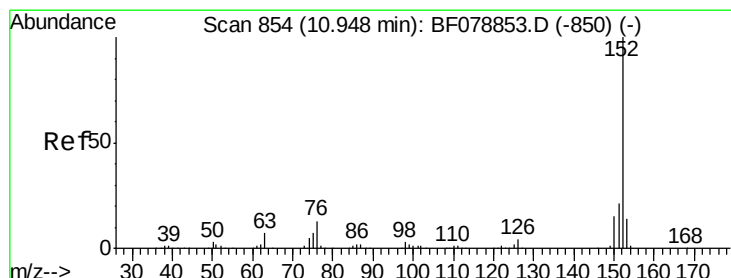
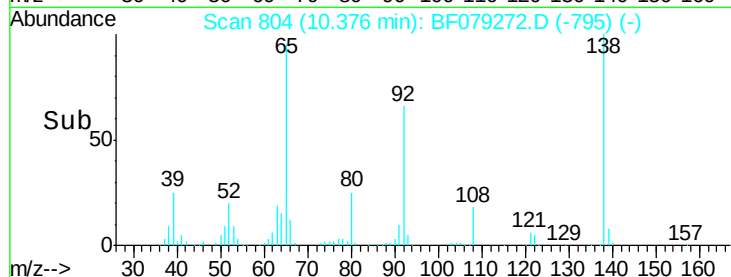
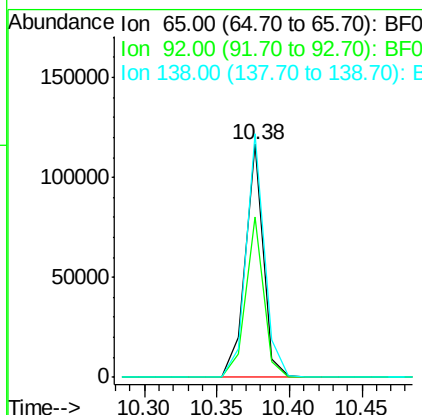
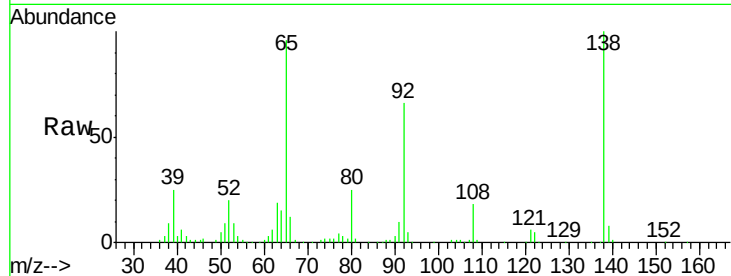
#47
2-Nitroaniline
Concen: 46.75 ng
RT: 10.38 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.0	49.1	73.7	
138	104.6	63.2	94.8	

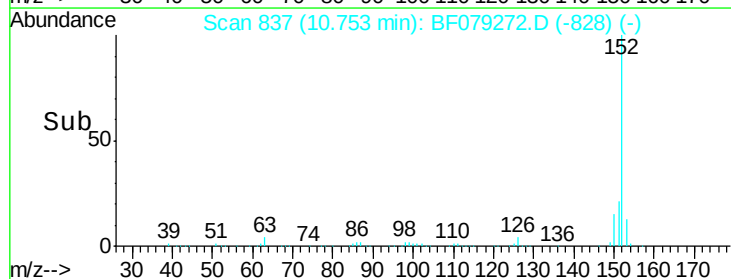
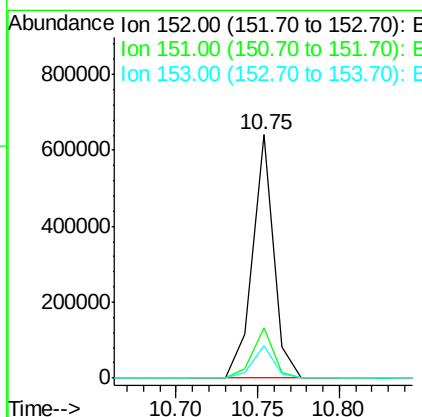
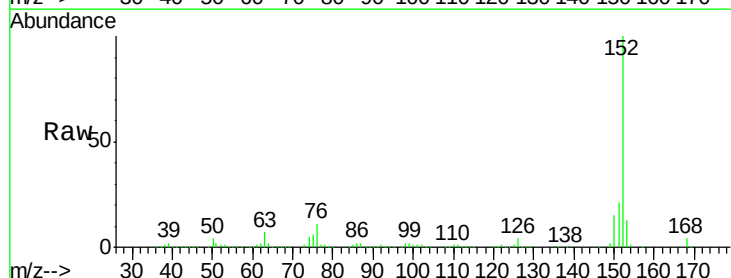
Manual Integrations
APPROVED

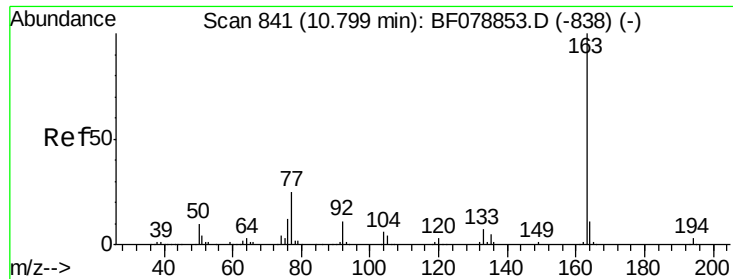
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#48
Acenaphthylene
Concen: 47.10 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.7	16.6	24.8	
153	13.4	11.0	16.6	





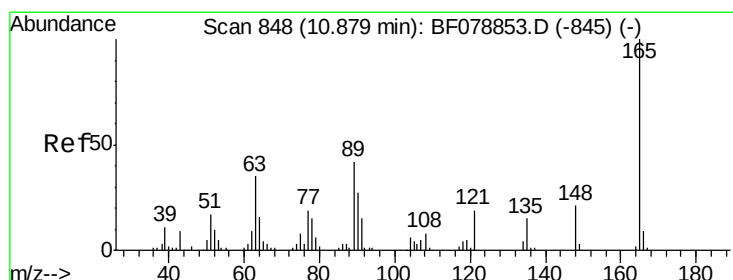
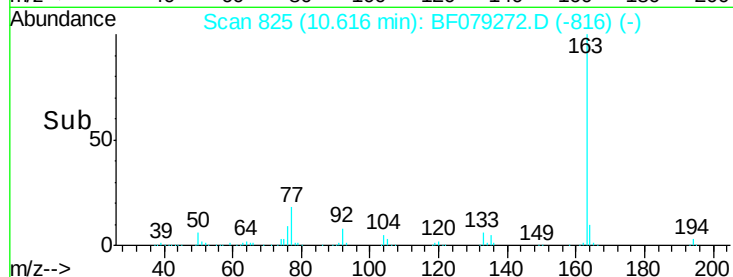
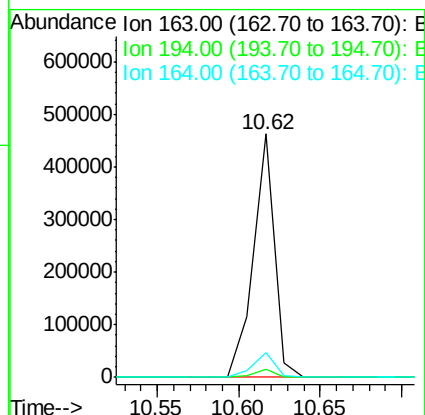
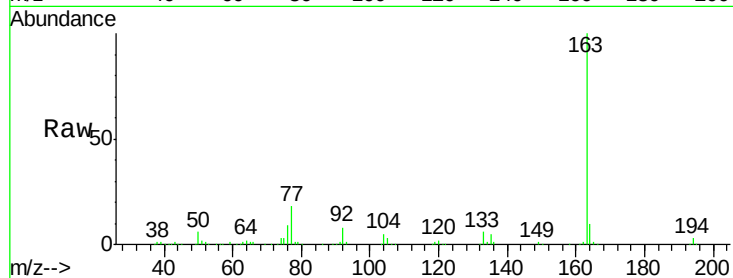
#49
Dimethylphthalate
Concen: 47.13 ng
RT: 10.62 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	415995		
194	3.4		2.4	3.6
164	10.2		8.6	12.8

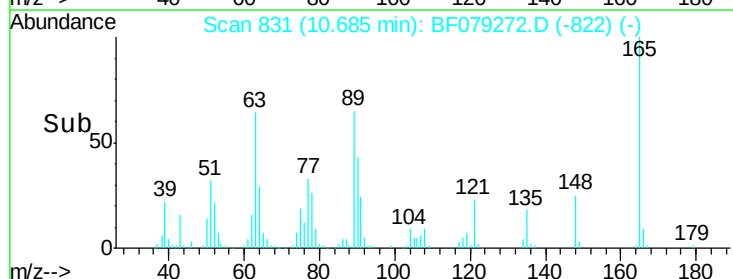
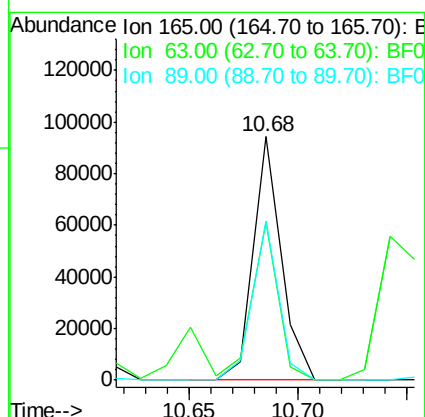
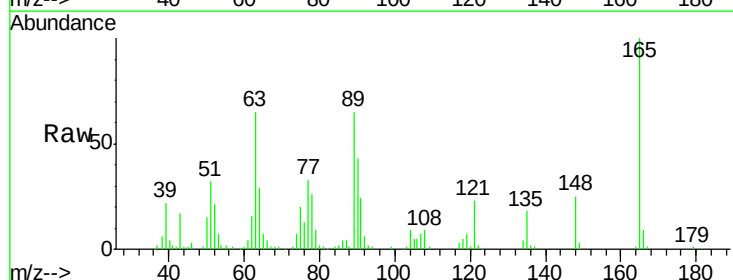
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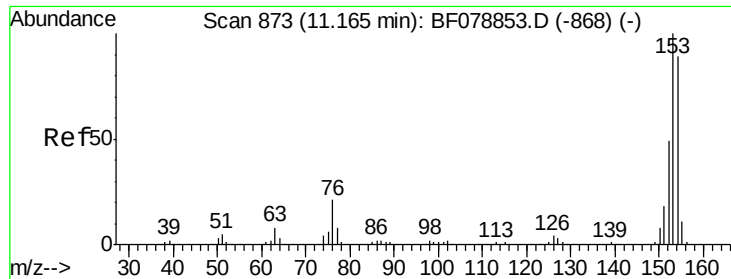
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#50
2,6-Dinitrotoluene
Concen: 48.37 ng
RT: 10.68 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	84242		
63	65.0		29.2	43.8#
89	65.4		33.3	49.9#





#51

Acenaphthene

Concen: 46.57 ng

RT: 10.97 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

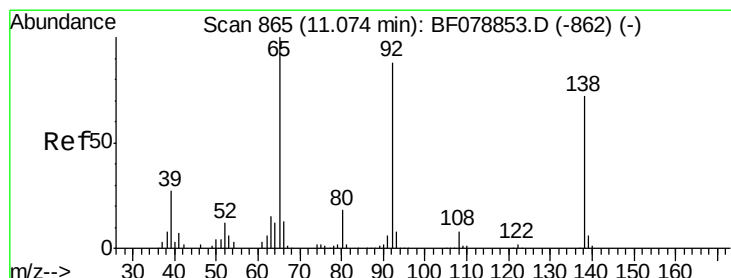
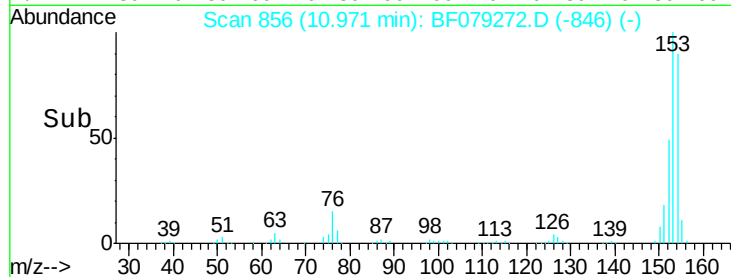
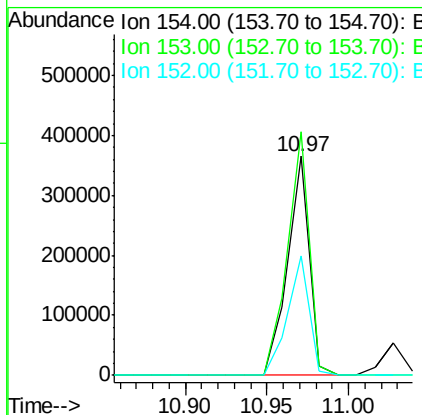
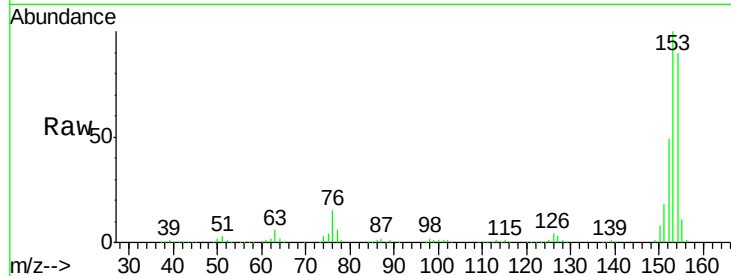
ClientSampleId :

LAR9797-AMSD

Tot Ion:	154	Resp:	340064
Ion Ratio	Lower	Upper	
154	100		
153	111.2	90.2	135.2
152	54.5	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 12.87 ng

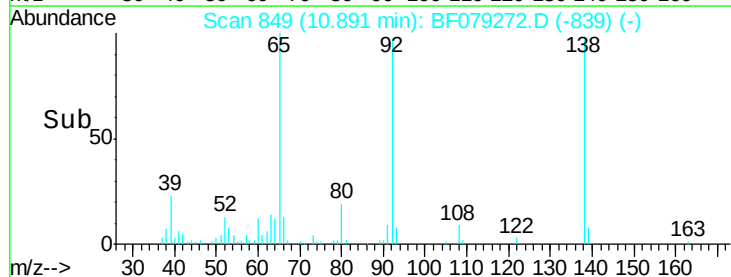
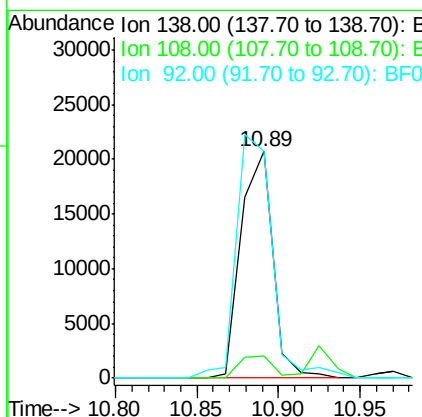
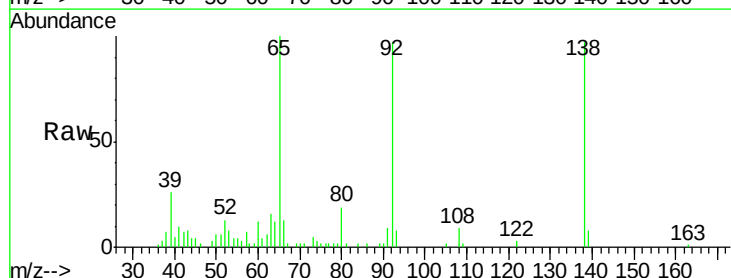
RT: 10.89 min Scan# 849

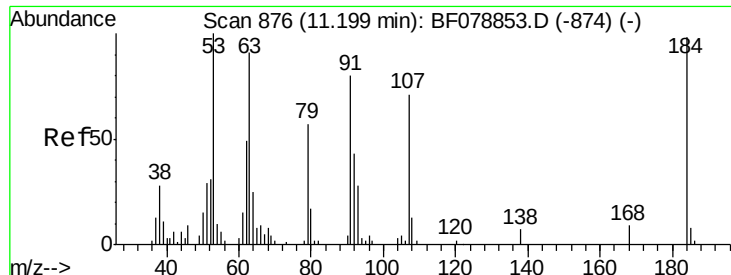
Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	138	Resp:	27992
Ion Ratio	Lower	Upper	
138	100		
108	9.7	8.5	12.7
92	100.0	97.4	146.0





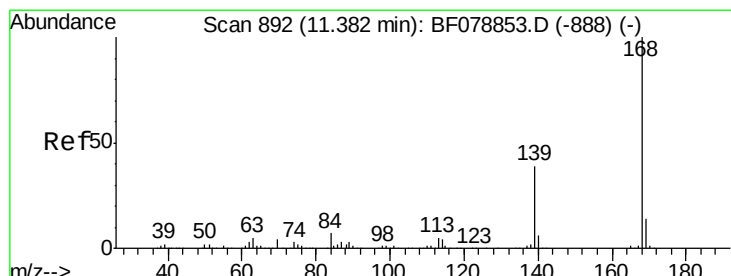
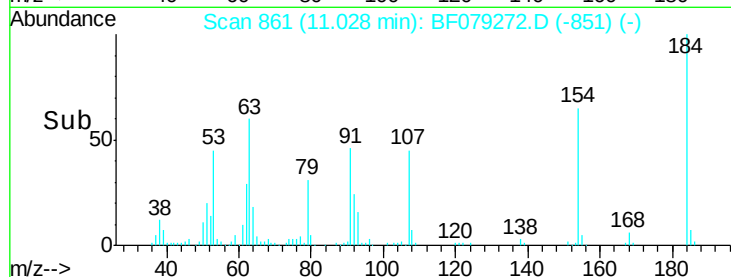
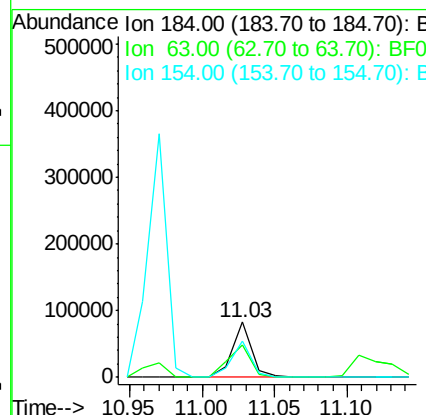
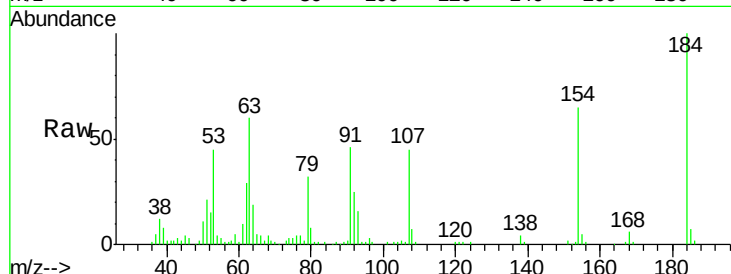
#53
2,4-Dinitrophenol
Concen: 94.30 ng
RT: 11.03 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.5	98.8	148.2#
154	65.4	63.4	95.0

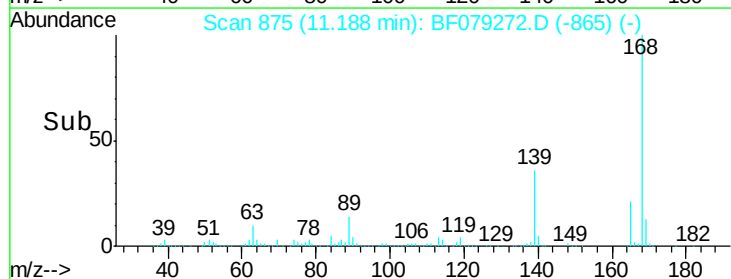
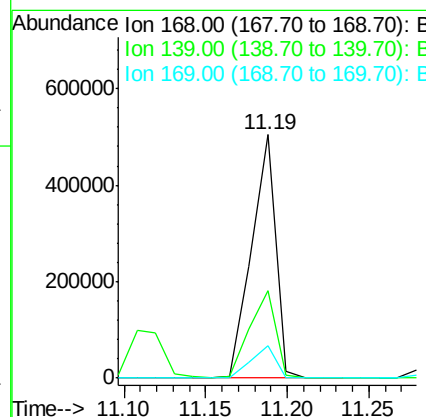
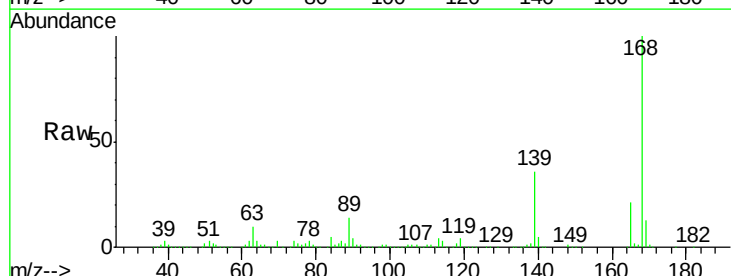
Manual Integrations
APPROVED

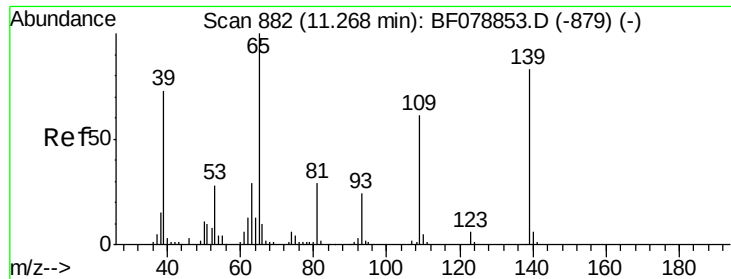
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#54
Dibenzofuran
Concen: 49.15 ng
RT: 11.19 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	31.5	47.3
169	13.2	11.0	16.4





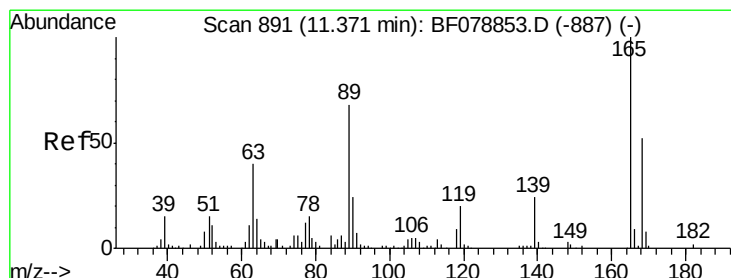
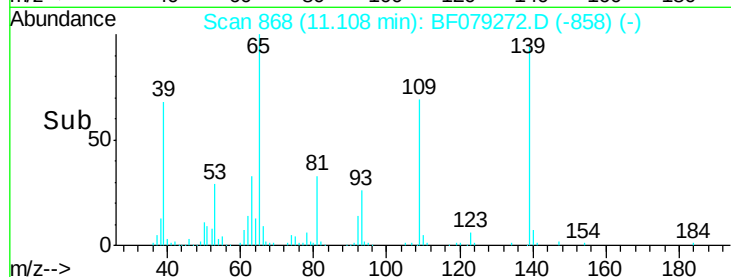
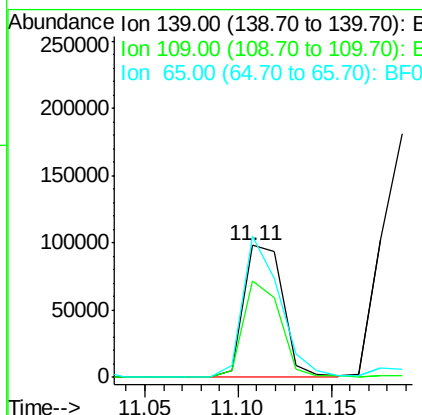
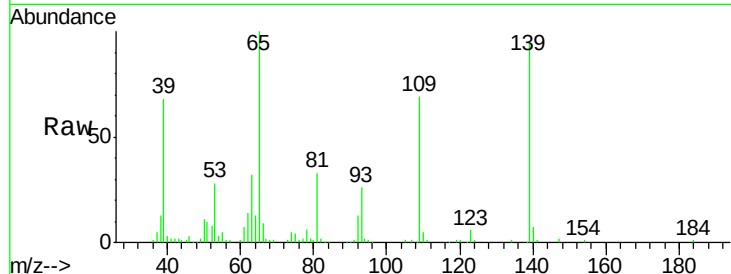
#55
4-Nitrophenol
Concen: 83.62 ng
RT: 11.11 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	73.4	54.4	94.4
65	106.8	101.0	141.0

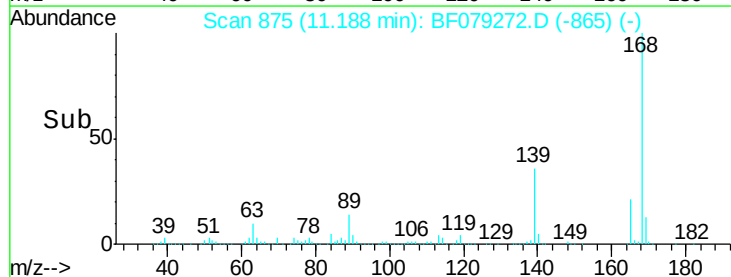
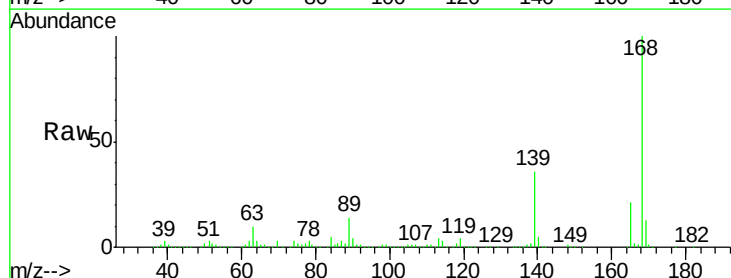
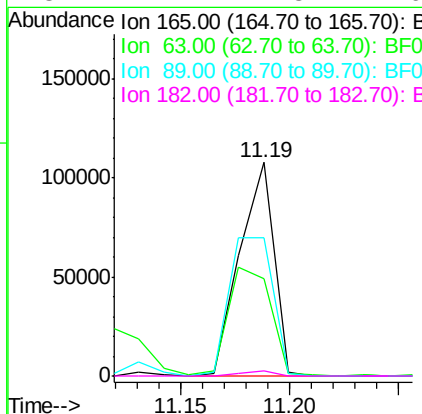
Manual Integrations
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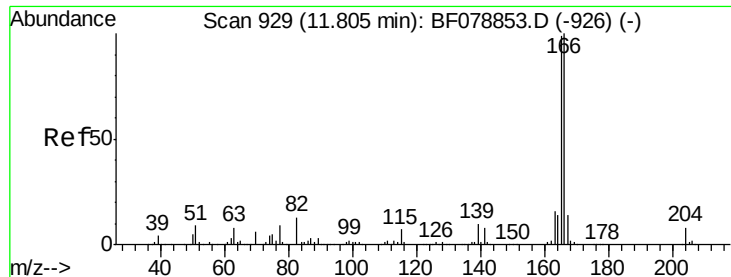
apatel
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#56
2,4-Dinitrotoluene
Concen: 51.05 ng
RT: 11.19 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	32.3	48.5
89	64.8	54.6	81.8
182	2.1	1.8	2.6





#57

Fluorene

Concen: 48.42 ng

RT: 11.61 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

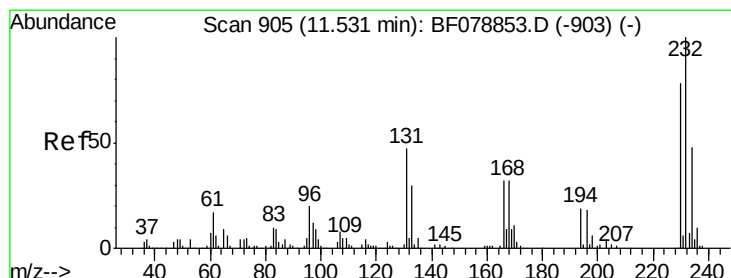
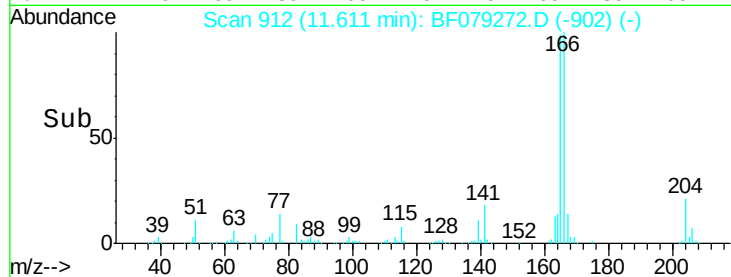
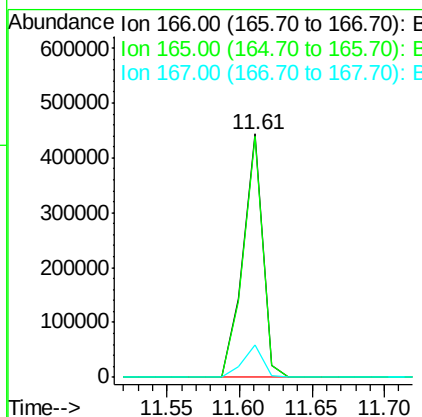
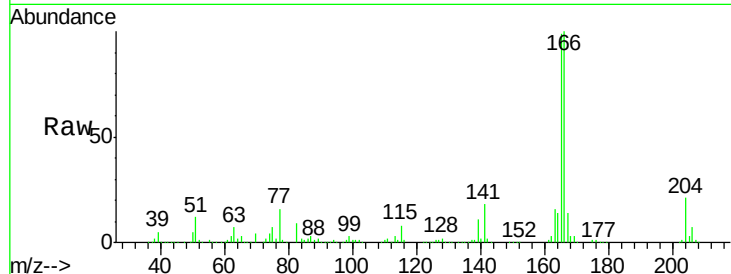
ClientSampleId :

LAR9797-AMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.5	119.3
167	13.5	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.09 ng

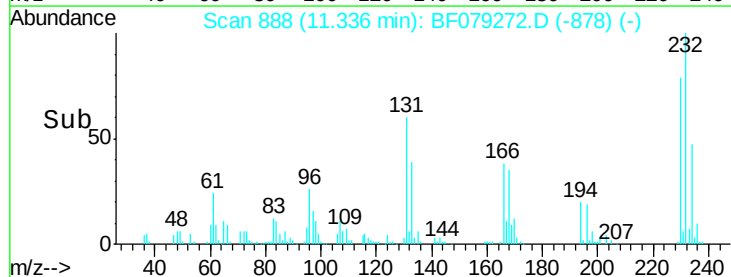
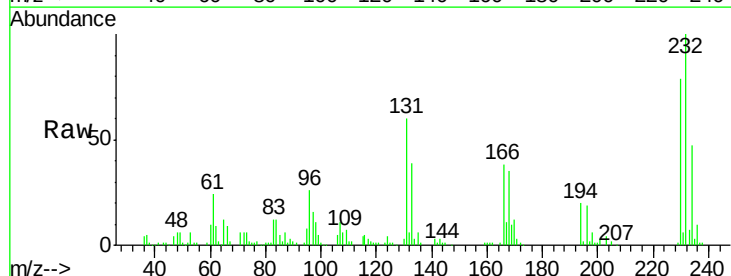
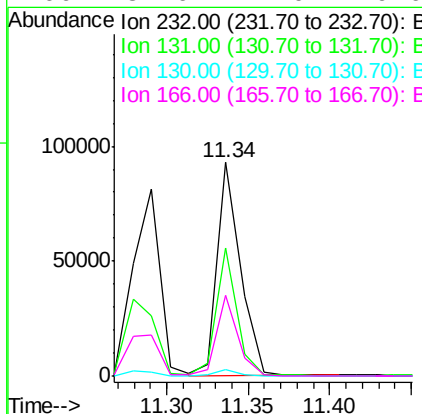
RT: 11.34 min Scan# 888

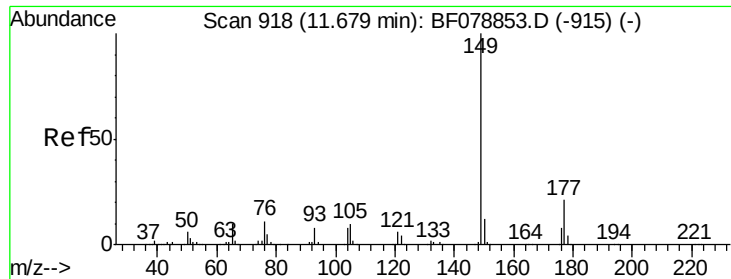
Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.4	41.9	62.9
130	2.9	1.9	2.9#
166	34.6	27.0	40.6





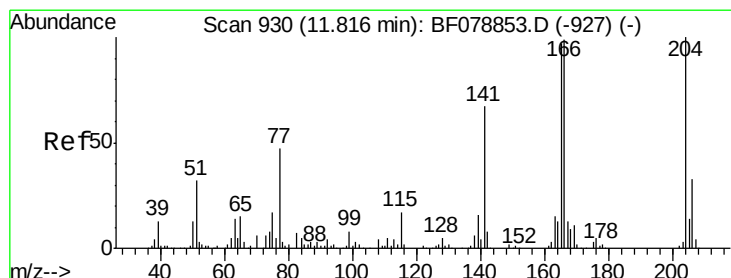
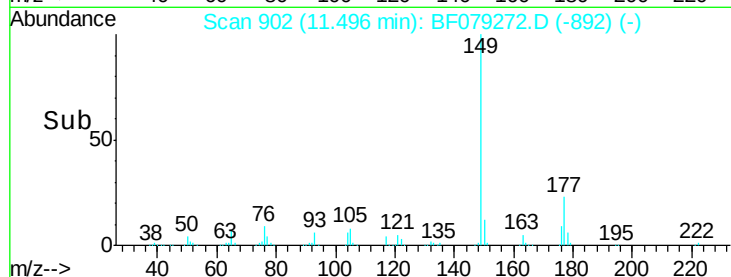
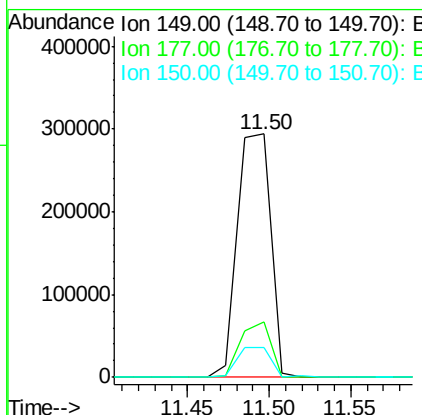
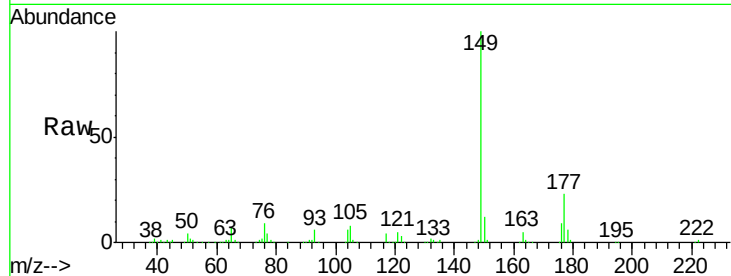
#59
Diethylphthalate
Concen: 47.31 ng
RT: 11.50 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	413699		
177	23.0		16.4	24.6
150	12.1		9.8	14.6

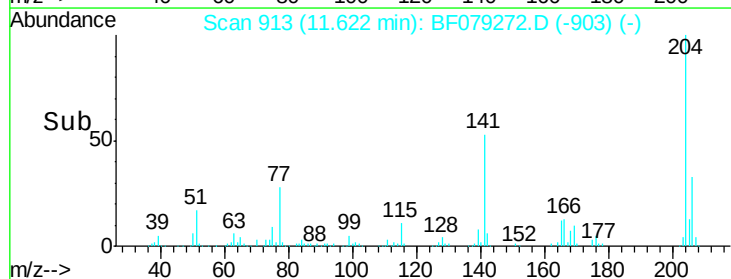
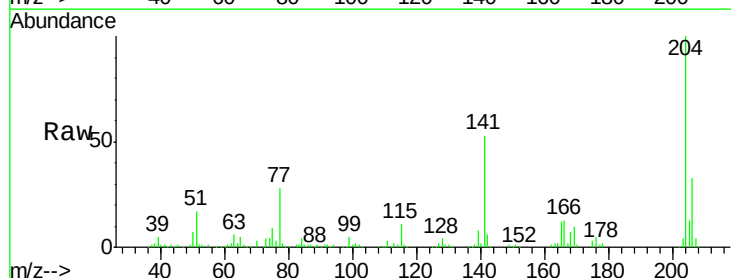
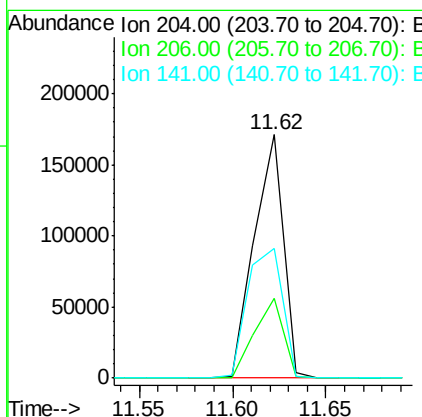
Manual Integrations
APPROVED

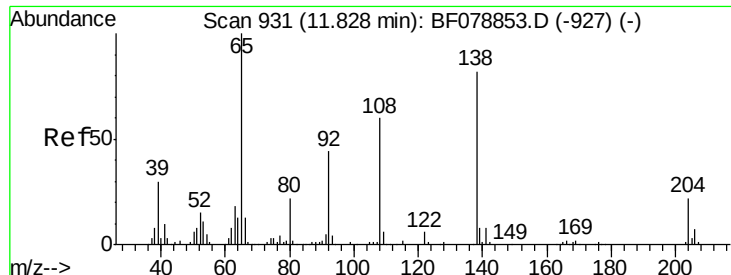
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#60
4-Chlorophenyl-phenylether
Concen: 48.07 ng
RT: 11.62 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	184587		
206	32.6		26.2	39.4
141	53.4		53.6	80.4#





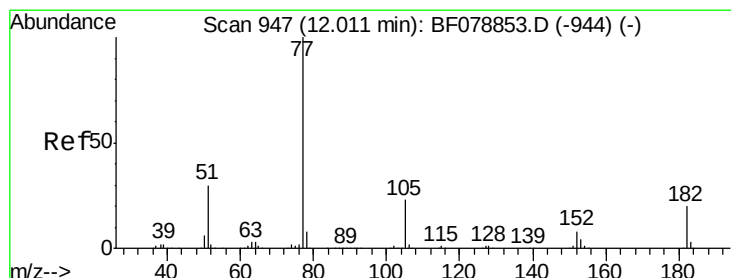
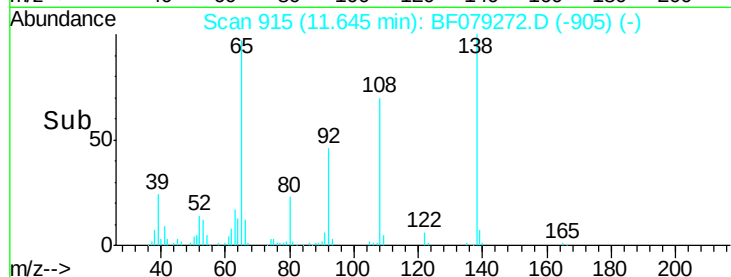
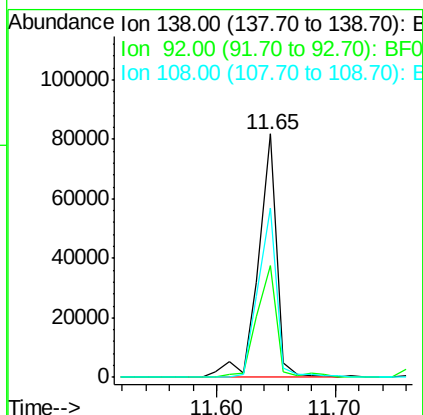
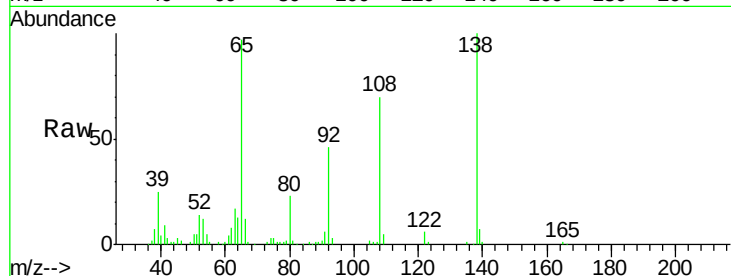
#61
4-Nitroaniline
Concen: 40.71 ng
RT: 11.65 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.0	33.7	73.7
108	69.8	53.4	93.4

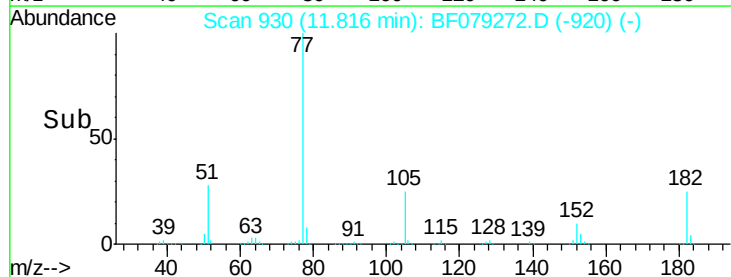
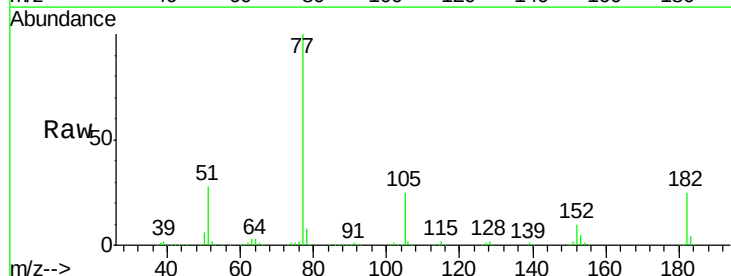
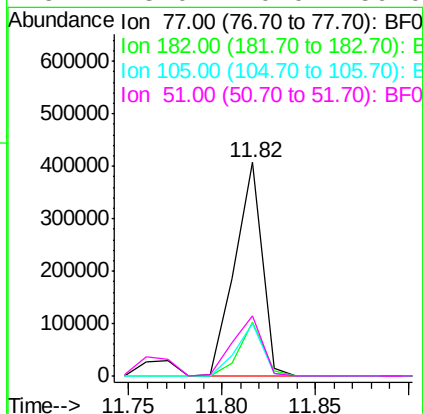
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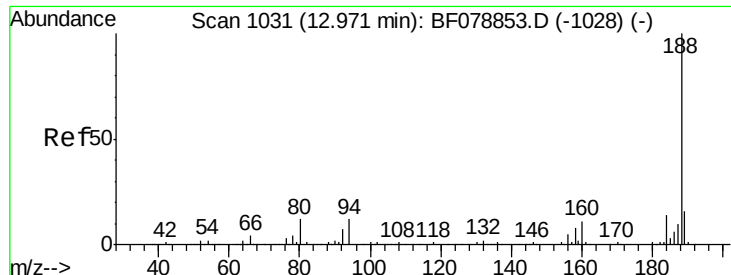
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#62
Azobenzene
Concen: 48.56 ng
RT: 11.82 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	0.0	40.0
105	24.8	2.9	42.9
51	28.0	10.0	50.0





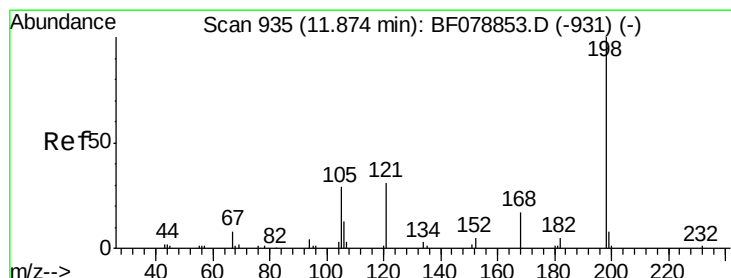
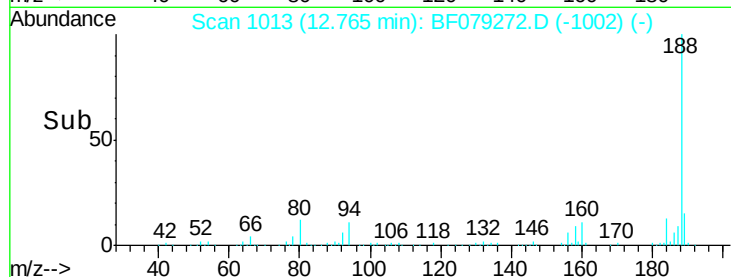
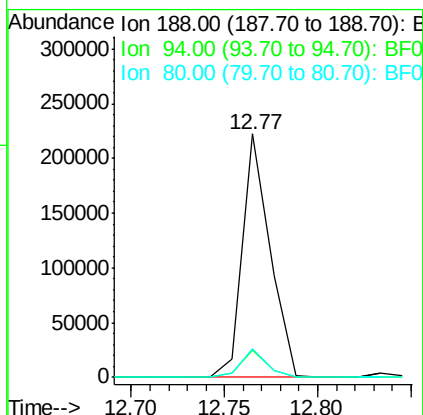
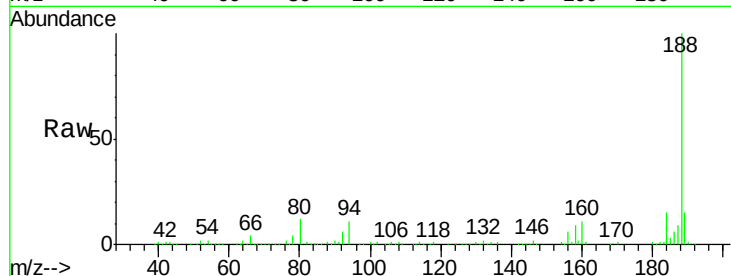
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	228886		
94	11.4		9.4	14.0
80	11.6		9.8	14.6

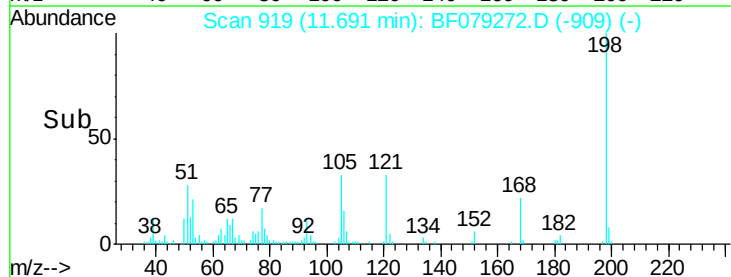
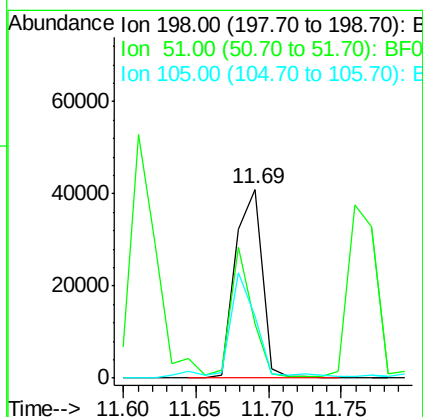
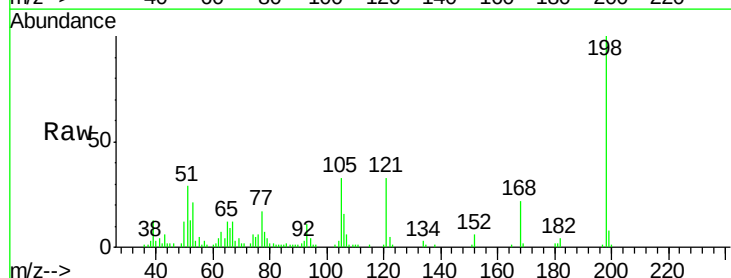
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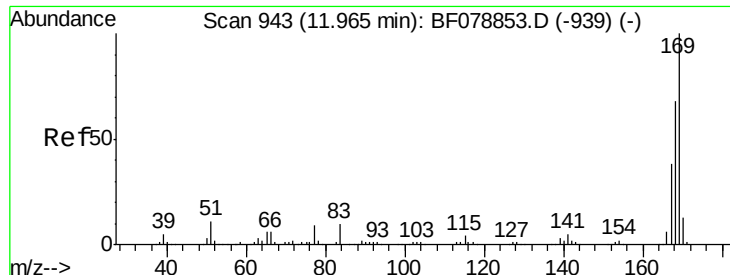
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#64
4,6-Dinitro-2-methylphenol
Concen: 53.00 ng
RT: 11.69 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	52744		
51	28.8		7.0	47.0
105	32.8		13.7	53.7





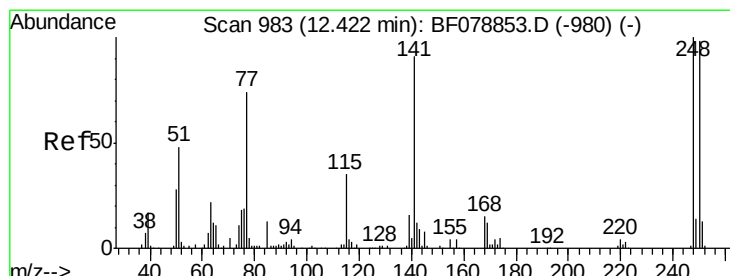
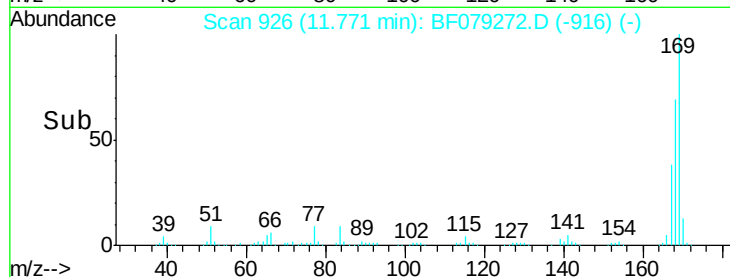
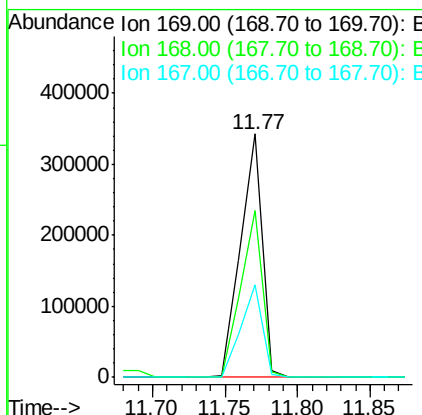
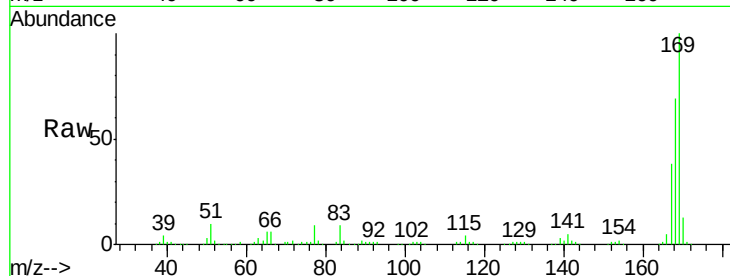
#65
 n-Nitrosodiphenylamine
 Concen: 46.75 ng
 RT: 11.77 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	356332		
168	68.5		54.1	81.1
167	38.1		30.1	45.1

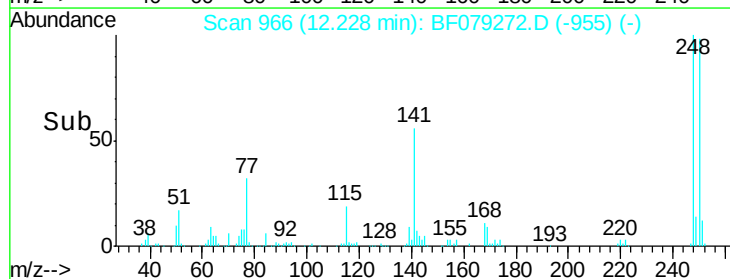
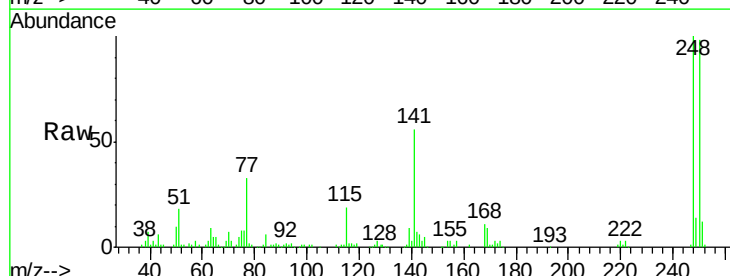
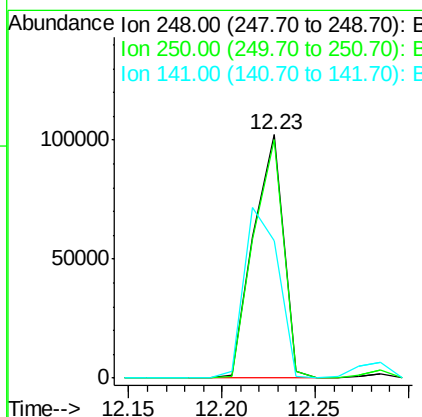
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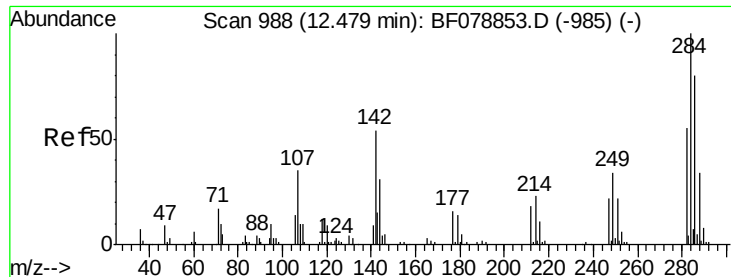
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#66
 4-Bromophenyl-phenylether
 Concen: 47.58 ng
 RT: 12.23 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	113511		
250	97.8		78.0	117.0
141	56.3		72.6	109.0





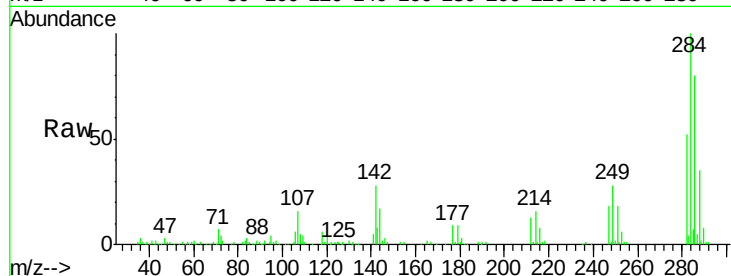
#67
Hexachlorobenzene
Concen: 48.01 ng
RT: 12.29 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

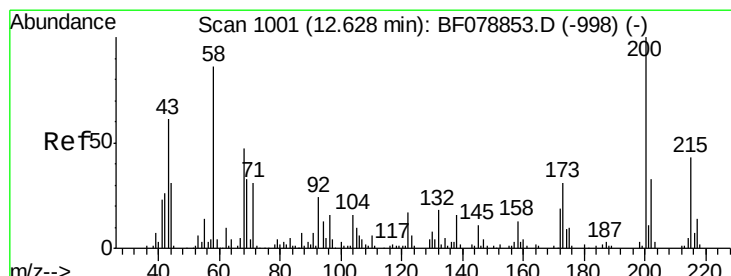
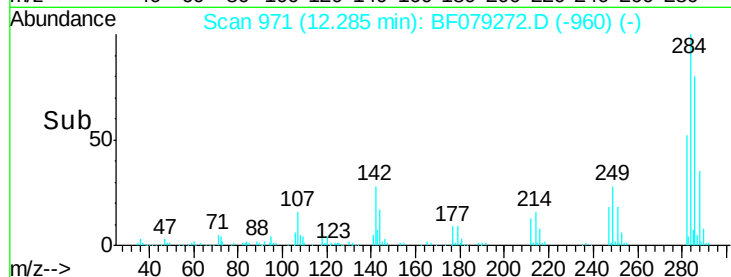
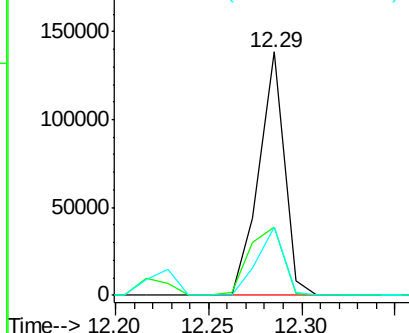
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	27.8	43.2	64.8#
249	28.3	27.5	41.3

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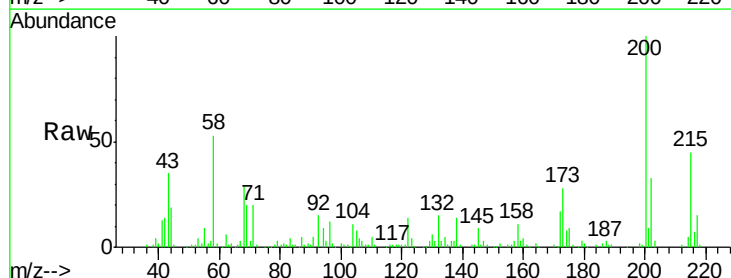


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

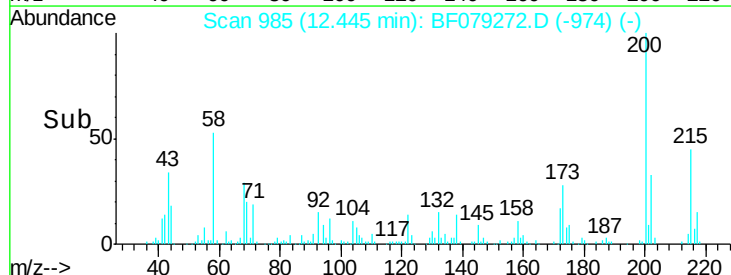
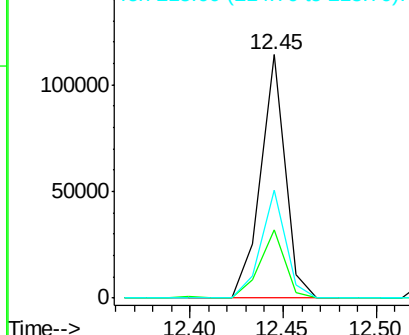


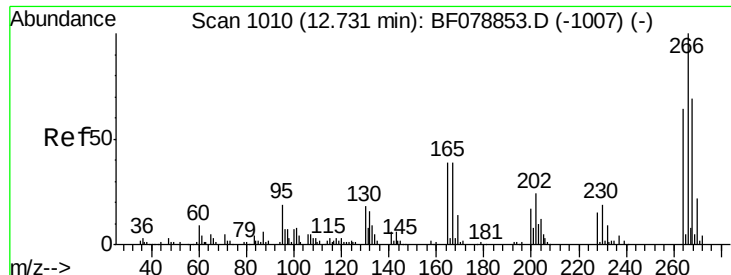
#68
Atrazine
Concen: 46.72 ng
RT: 12.45 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.1	10.9	50.9
215	44.6	23.2	63.2



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





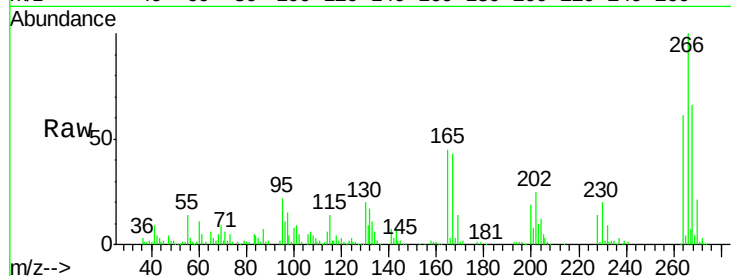
#69
 Pentachlorophenol
 Concen: 86.08 ng
 RT: 12.54 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

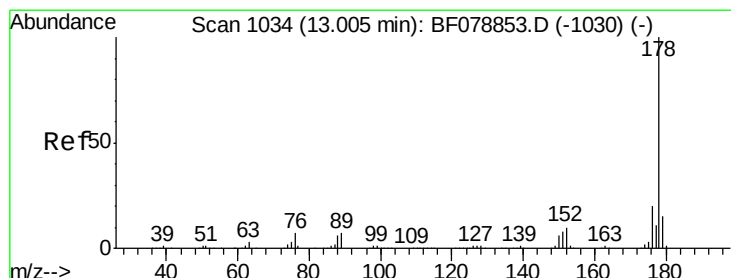
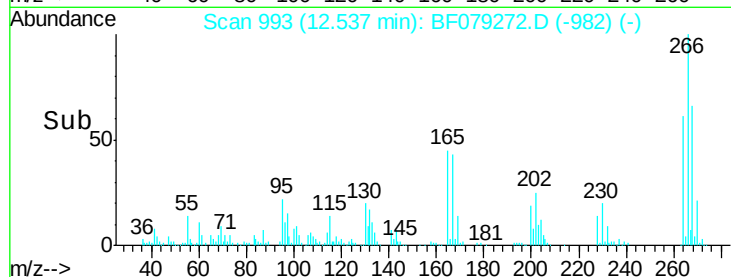
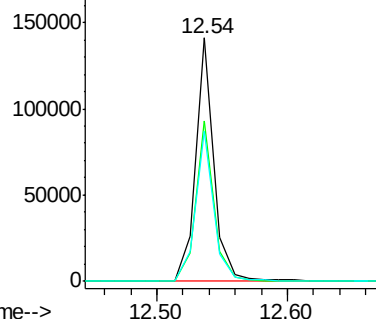
Tot Ion	Ratio	Resp	Lower	Upper
266	100	138245		
268	65.9	55.0	82.6	
264	61.4	50.9	76.3	

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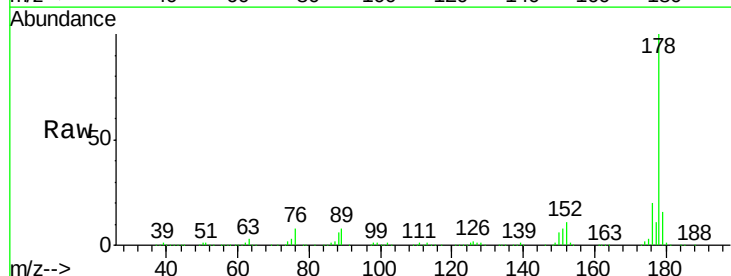


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

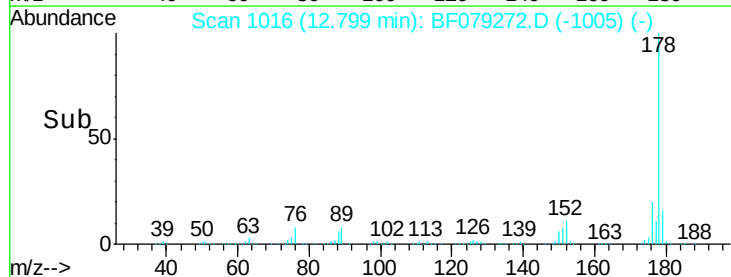
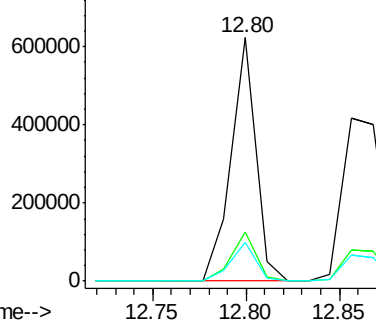


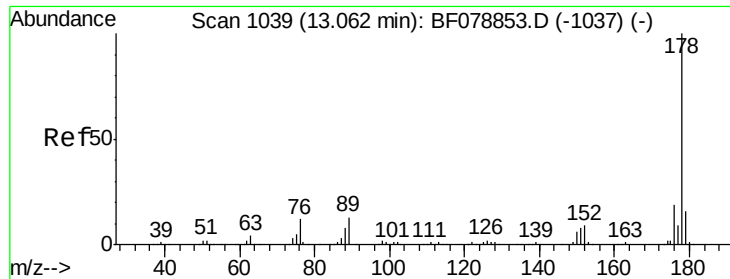
#70
 Phenanthrene
 Concen: 44.69 ng
 RT: 12.80 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	572195		
176	20.4	15.9	23.9	
179	15.8	12.2	18.4	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





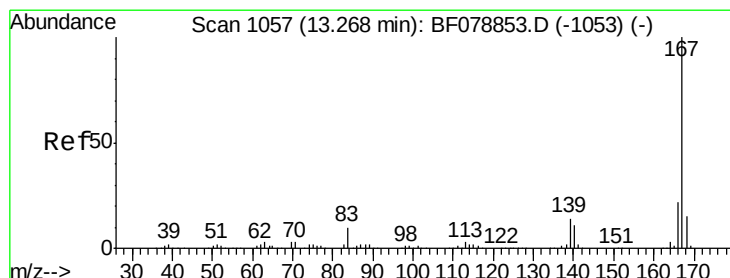
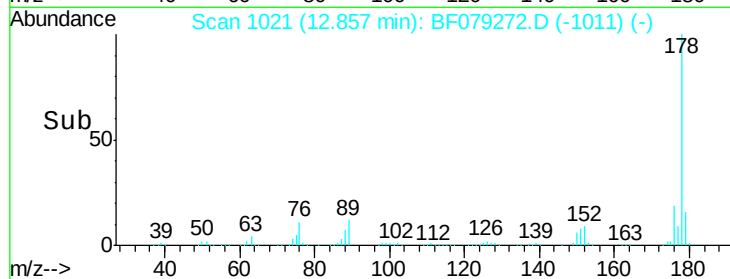
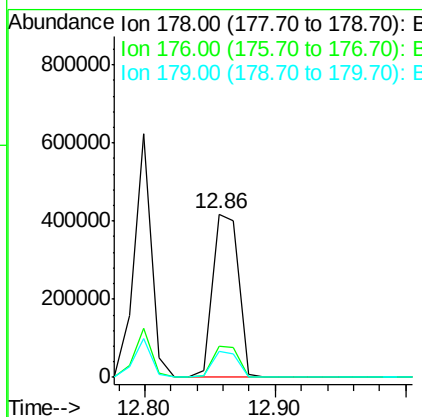
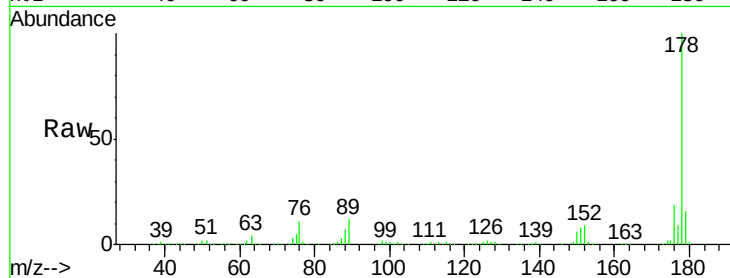
#71
 Anthracene
 Concen: 46.34 ng
 RT: 12.86 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.6	12.6	19.0

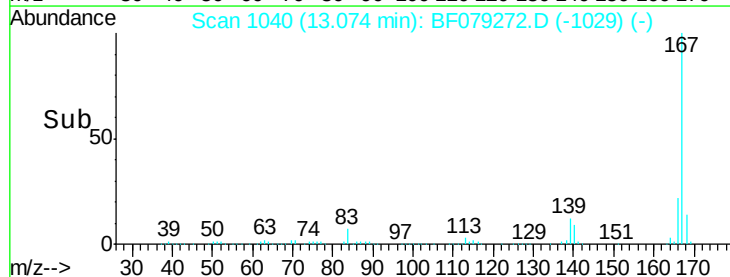
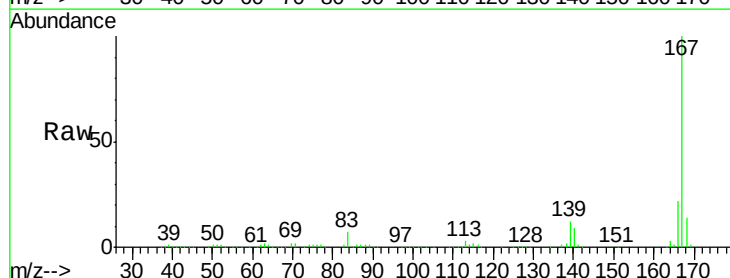
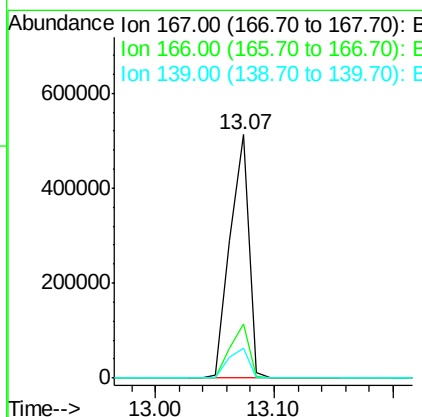
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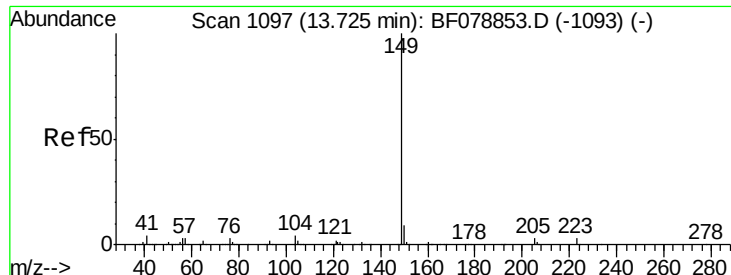
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#72
 Carbazole
 Concen: 47.34 ng
 RT: 13.07 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	12.3	11.0	16.4





#73

Di-n-butylphthalate

Concen: 47.32 ng

RT: 13.52 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

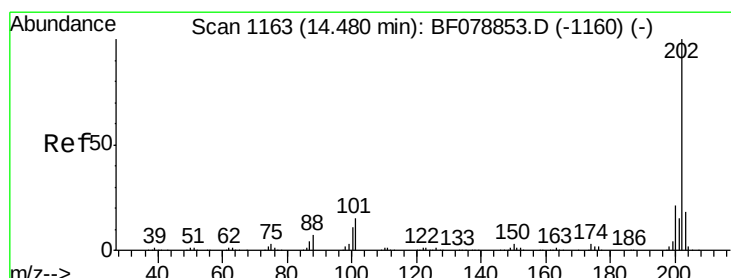
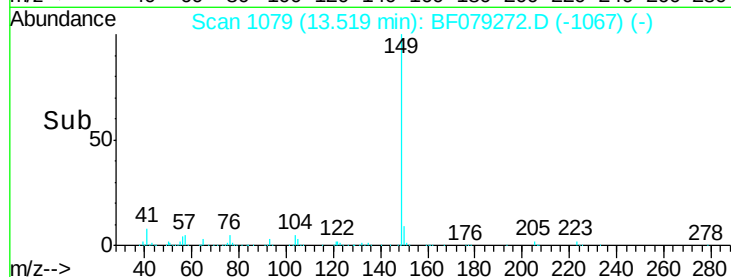
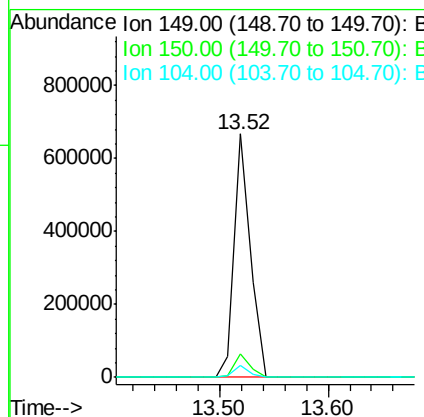
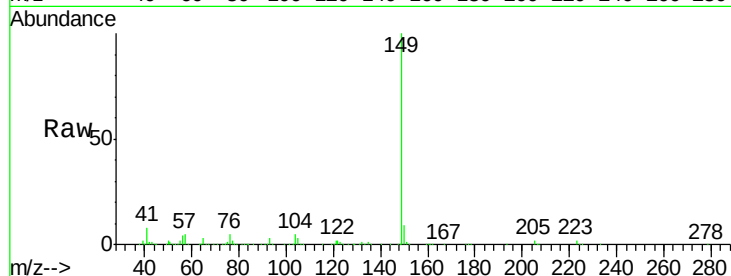
ClientSampleId :

LAR9797-AMSD

Tot Ion:	149	Resp:	679497
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.0	10.4
104	5.1	3.3	4.9#

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#74

Fluoranthene

Concen: 46.95 ng

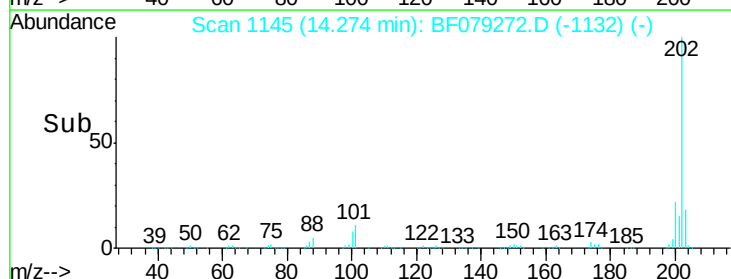
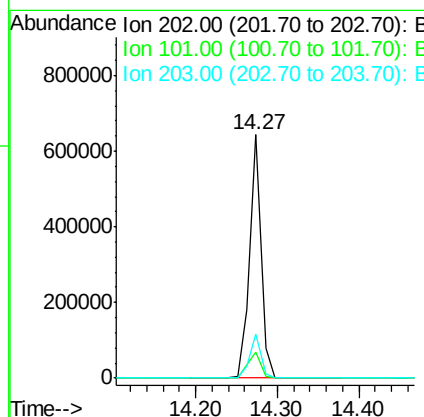
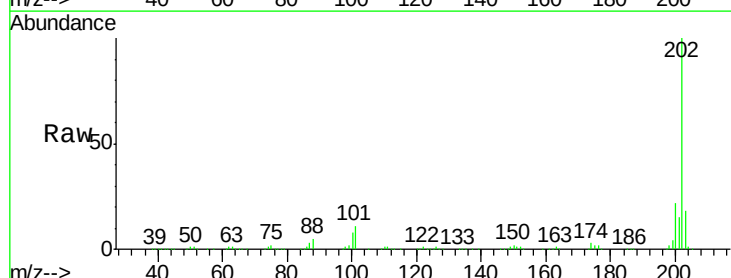
RT: 14.27 min Scan# 1145

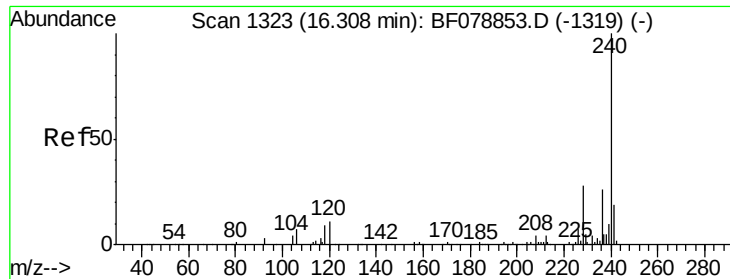
Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	202	Resp:	626392
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	34.7
203	17.8	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

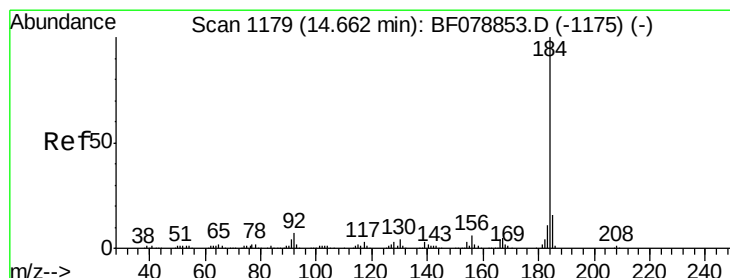
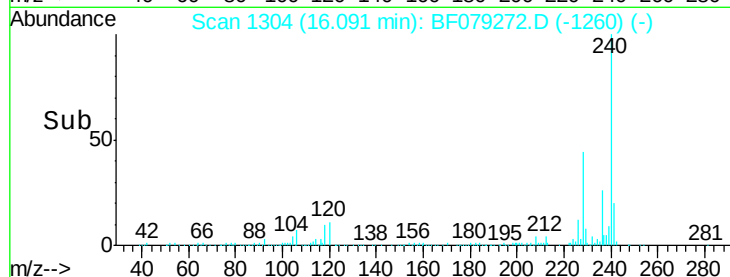
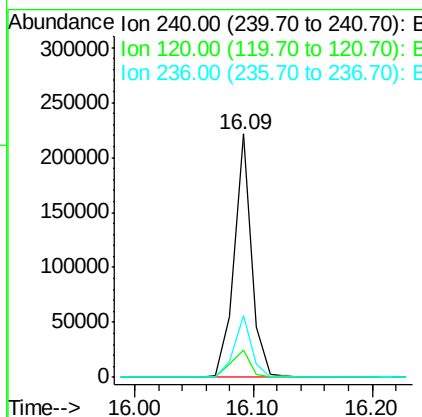
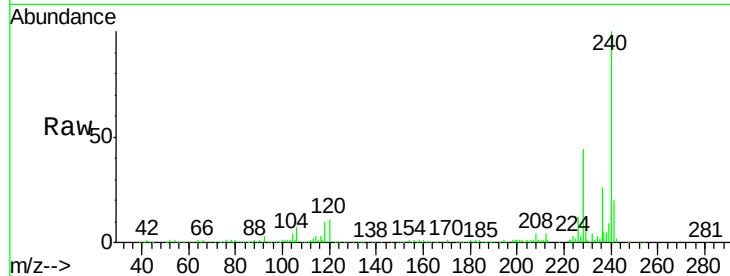
ClientSampleId :

LAR9797-AMSD

Tot Ion:	240	Resp:	225305
Ion Ratio	Lower	Upper	
240	100		
120	11.2	8.6	12.8
236	25.6	21.0	31.6

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#76

Benzidine

Concen: 19.96 ng

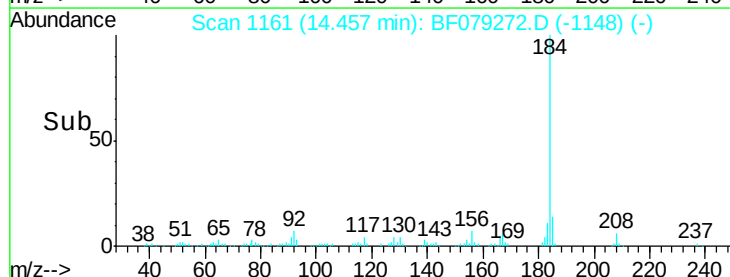
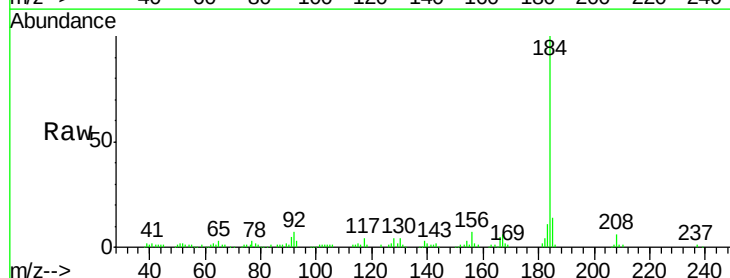
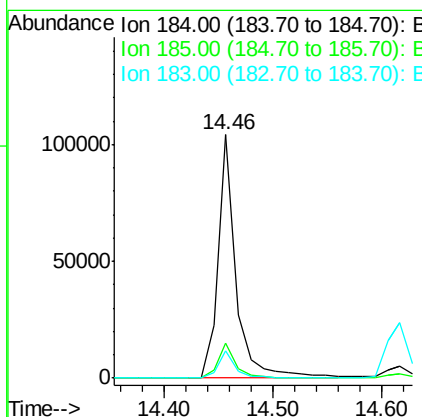
RT: 14.46 min Scan# 1161

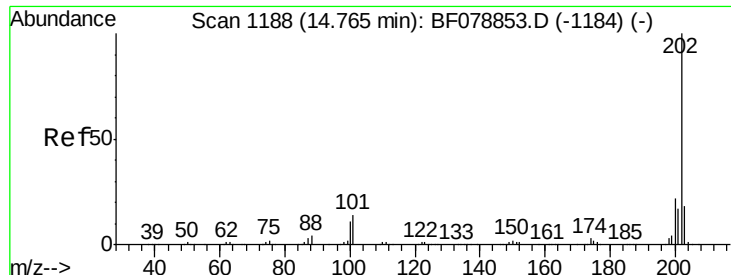
Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	184	Resp:	121171
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.8	19.2
183	11.0	9.0	13.4





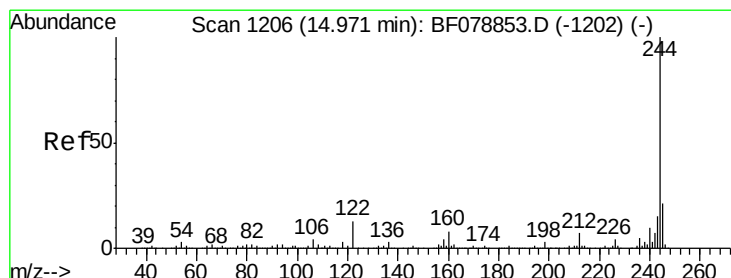
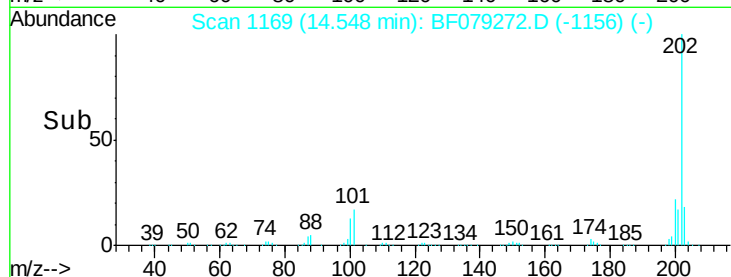
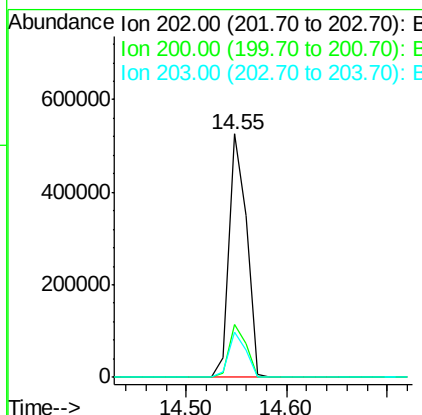
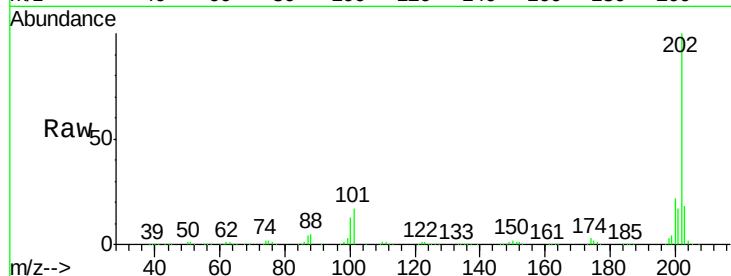
#77
Pvrene
Concen: 49.17 ng
RT: 14.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.4	14.7	22.1

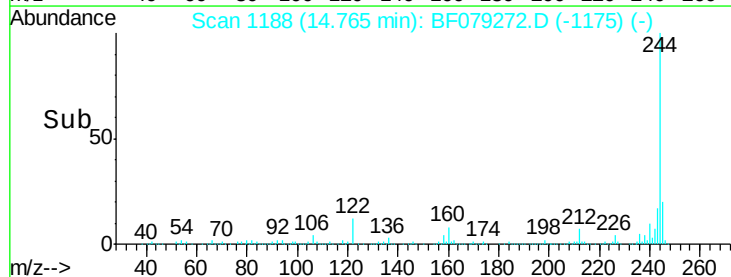
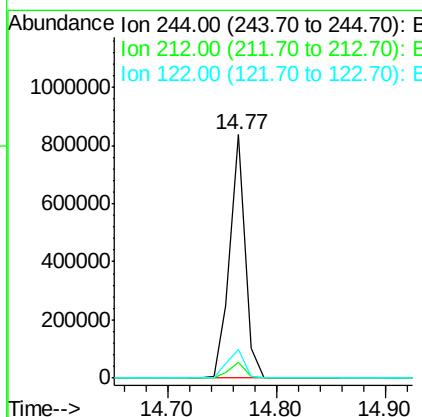
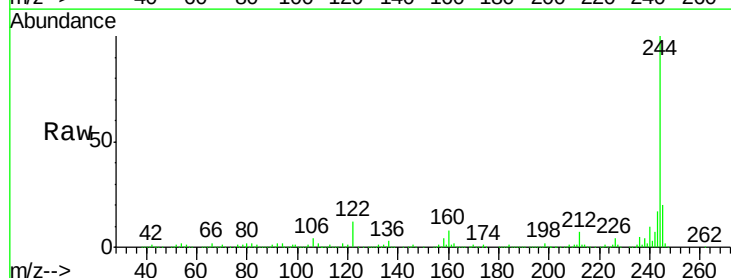
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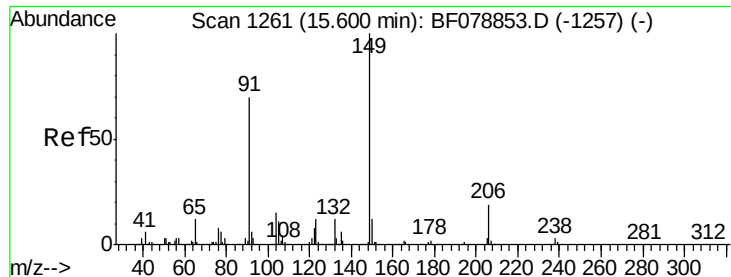
apatel
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#78
Terphenyl-d14
Concen: 87.29 ng
RT: 14.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.8	10.5	15.7





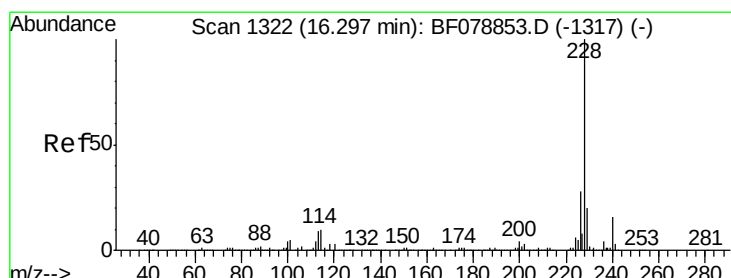
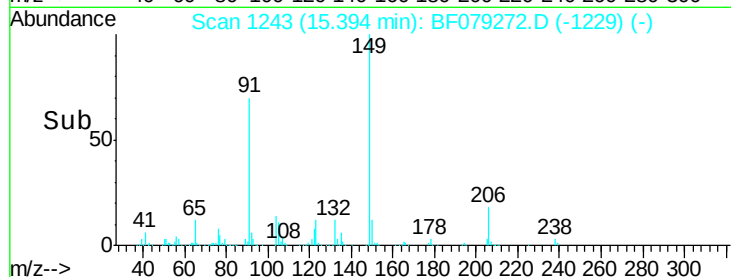
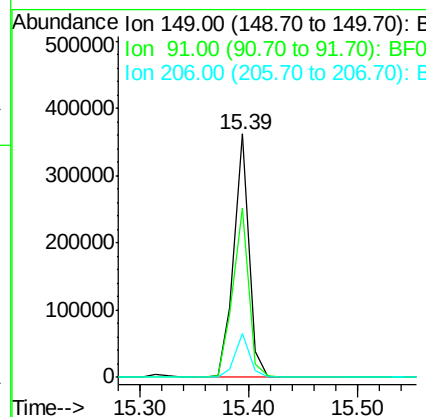
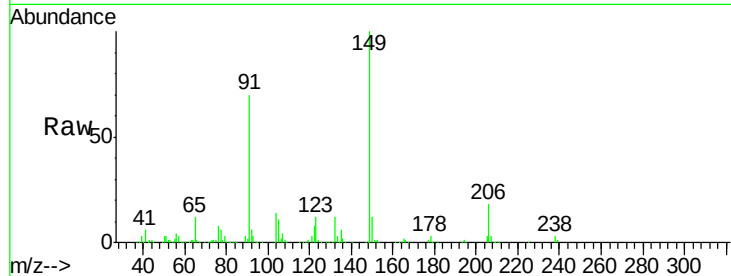
#79
Butylbenzylphthalate
Concen: 61.74 ng
RT: 15.39 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	69.7	56.2	84.2
206	18.0	15.2	22.8

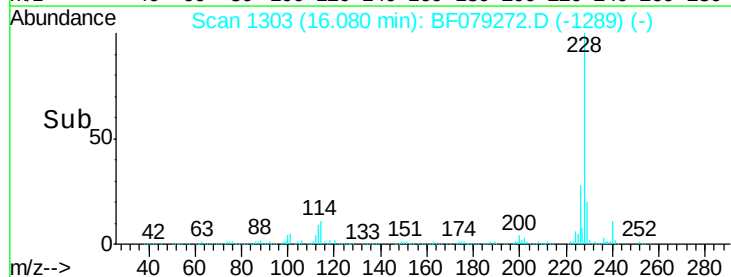
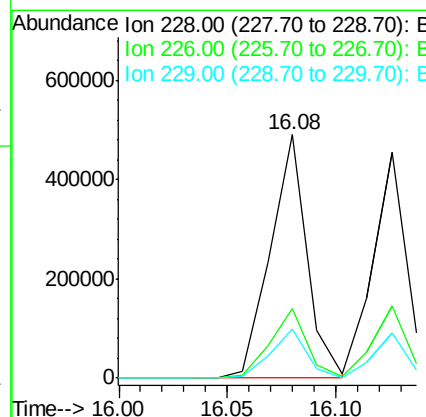
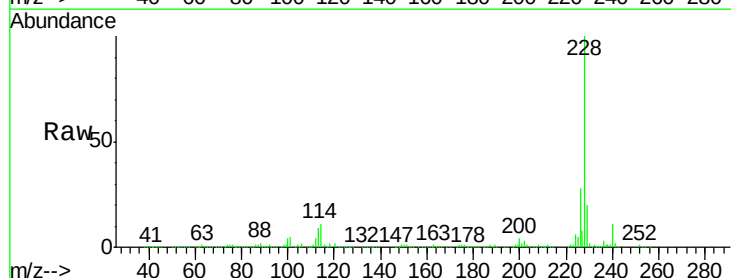
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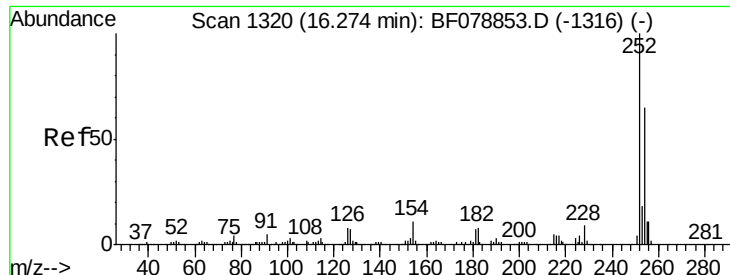
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#80
Benzo(a)anthracene
Concen: 46.86 ng
RT: 16.08 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.1	16.1	24.1





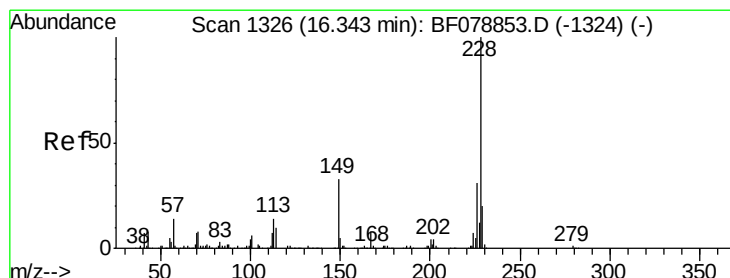
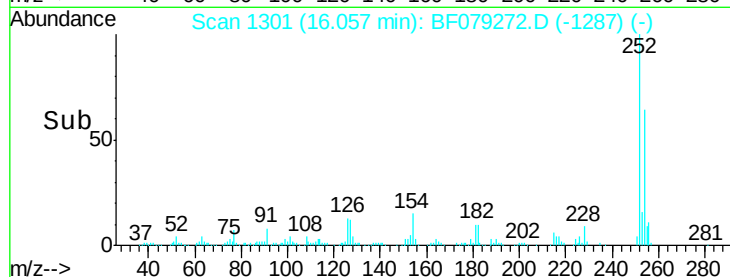
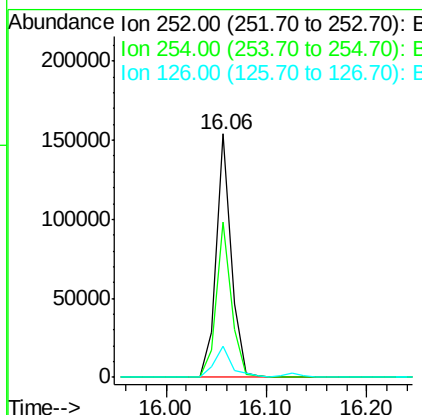
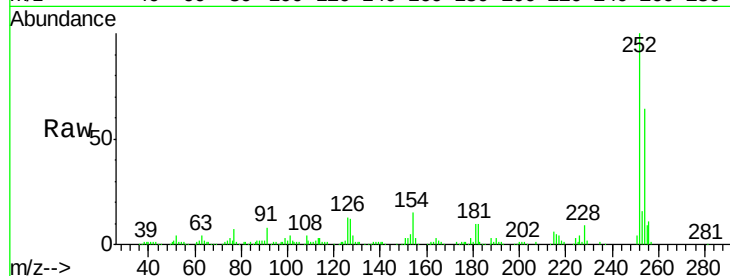
#81
 3,3'-Dichlorobenzidine
 Concen: 36.88 ng
 RT: 16.06 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.2	78.2
126	12.6	6.6	9.8

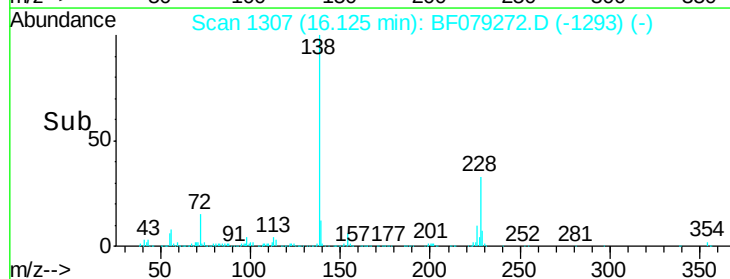
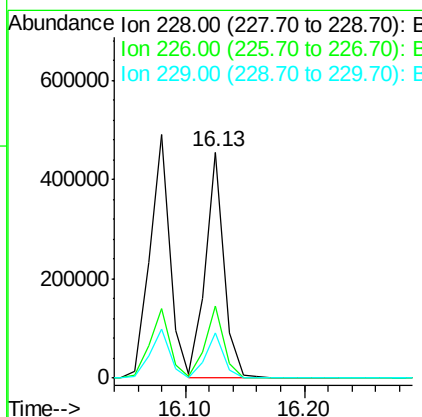
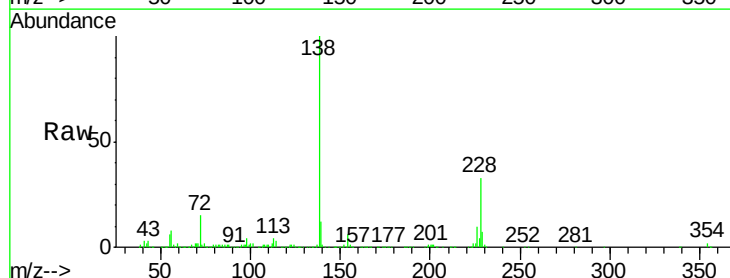
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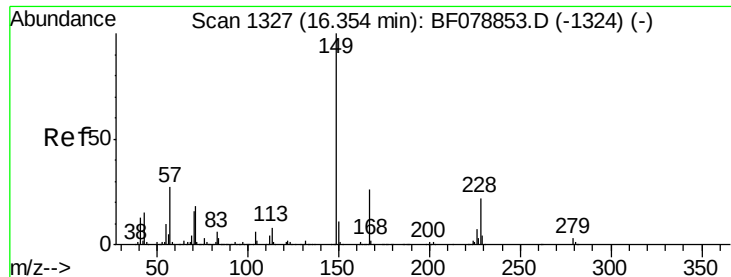
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#82
 Chrysene
 Concen: 41.51 ng
 RT: 16.13 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.8	37.2
229	20.2	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.62 ng

RT: 16.15 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

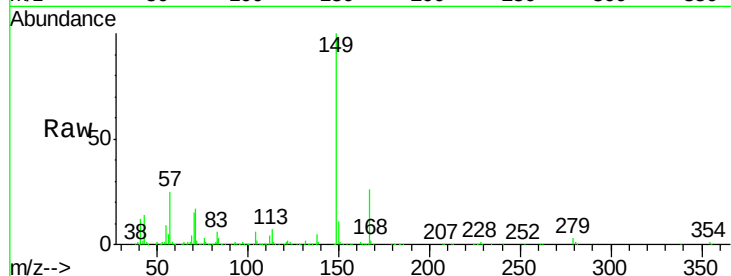
ClientSampleId :

LAR9797-AMSD

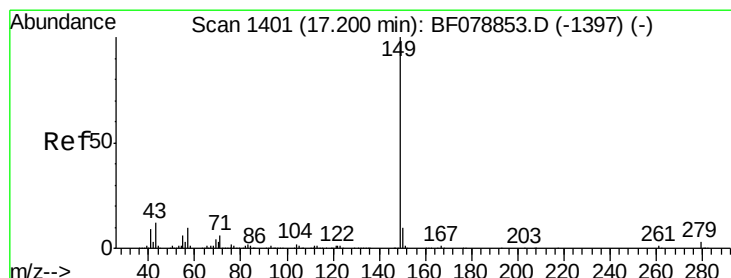
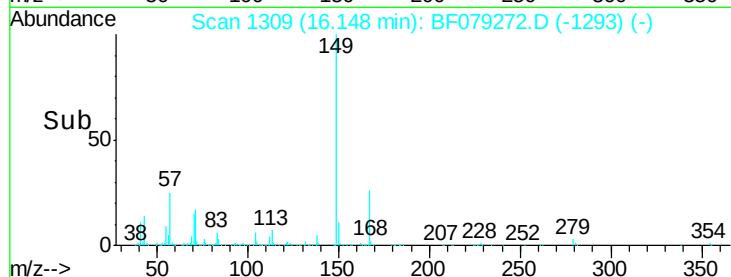
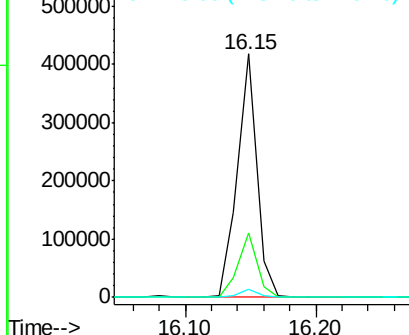
Tot Ion:	149	Resp:	435166
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.2	31.8
279	3.1	2.6	4.0

Manual Integrations
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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: 49.98 ng

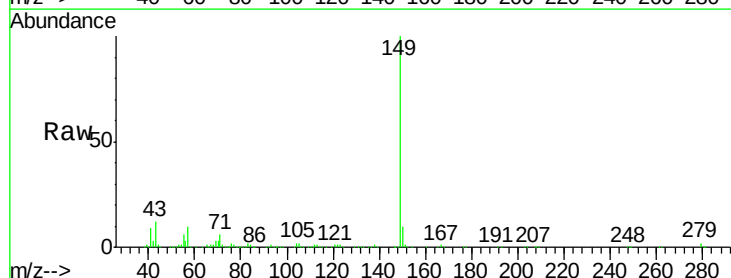
RT: 16.99 min Scan# 1383

Delta R.T. 0.00 min

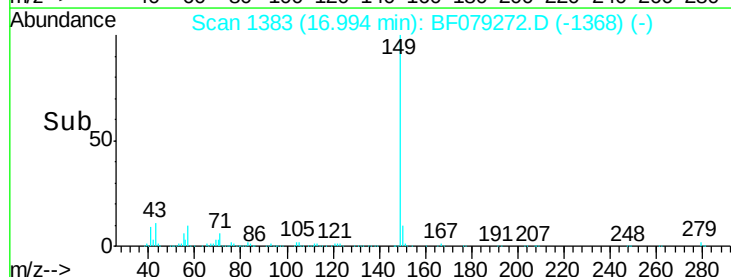
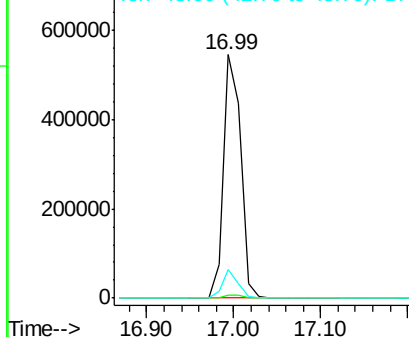
Lab File: BF079272.D

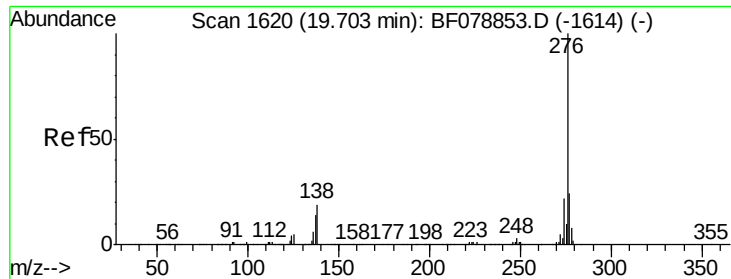
Acq: 15 May 2015 16:20

Tgt Ion:	149	Resp:	756638
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.2	9.0	13.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





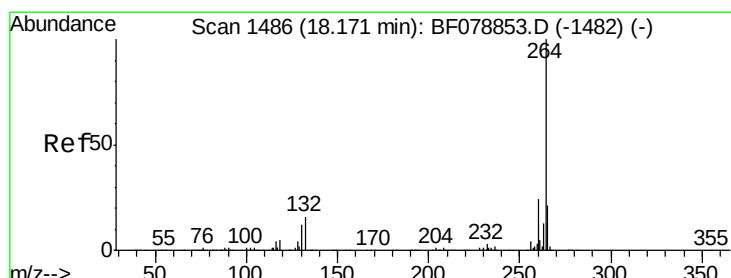
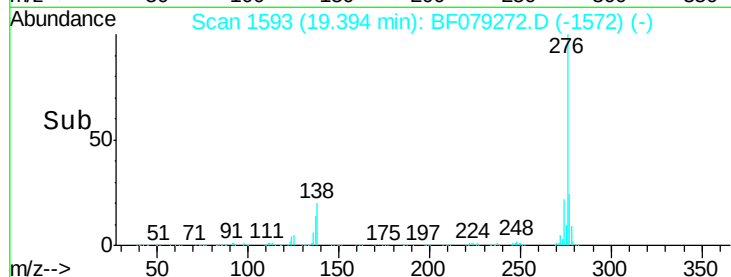
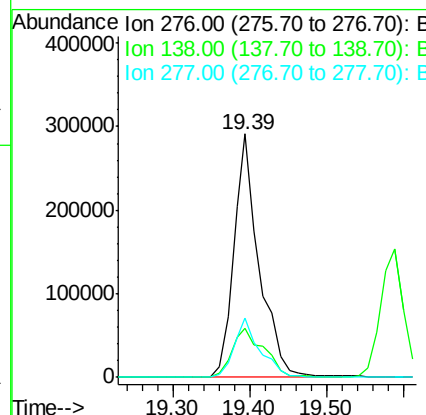
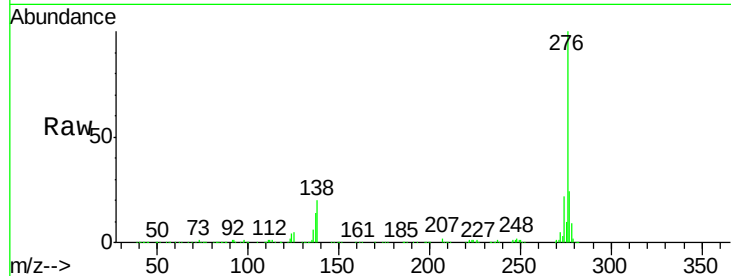
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.50 ng
 RT: 19.39 min Scan# 1593
 Delta R.T. 0.03 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tot Ion:	276	Resp:	672885
Ion Ratio	Lower	Upper	
276	100		
138	25.8	21.1	31.7
277	24.9	19.9	29.9

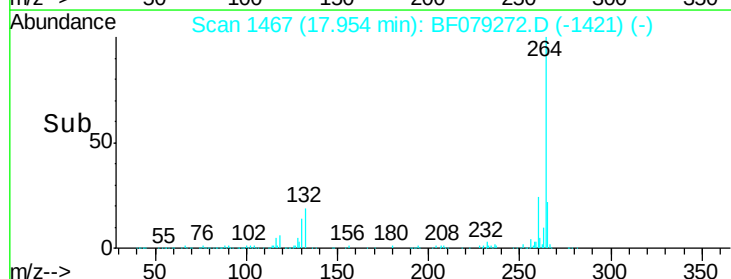
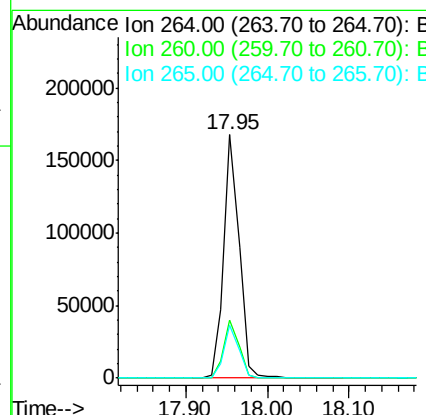
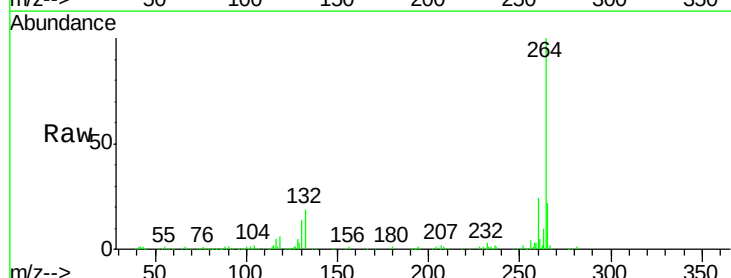
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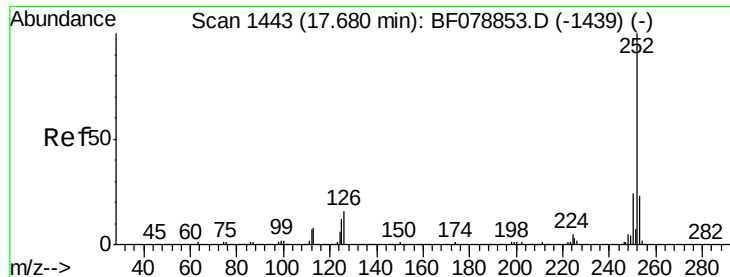
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.95 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:	264	Resp:	220987
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.9	17.2	25.8





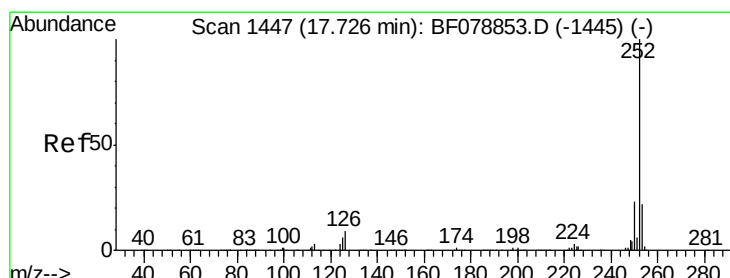
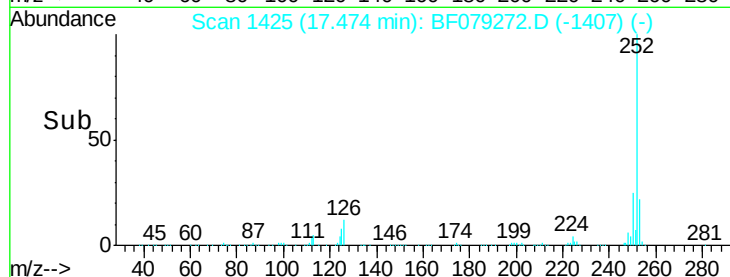
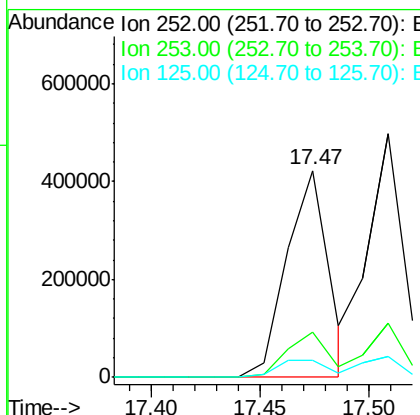
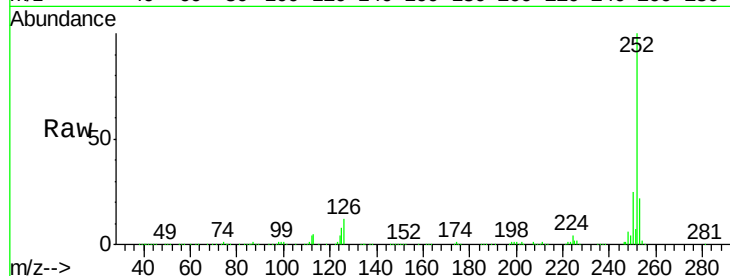
#87
Benzo(b)fluoranthene
Concen: 46.75 ng
RT: 17.47 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.6	18.1	27.1
125	8.4	9.4	14.2

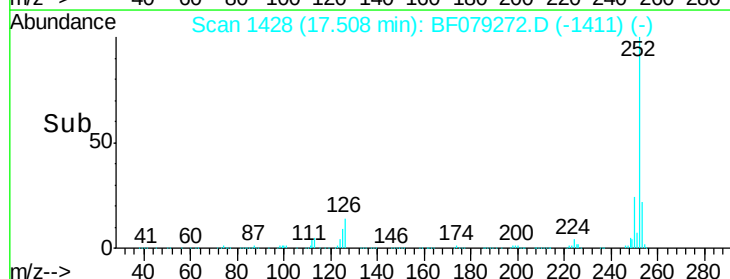
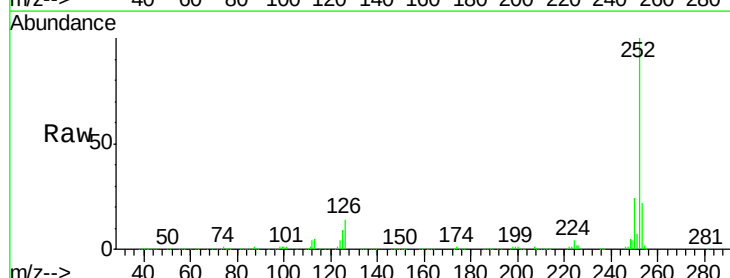
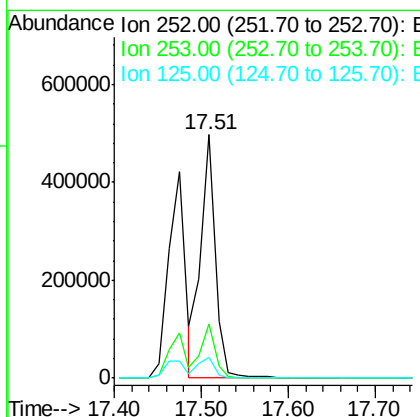
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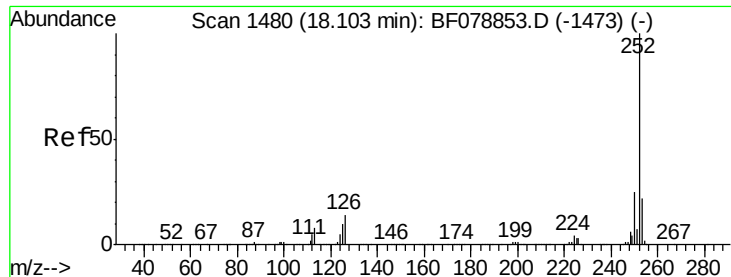
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#88
Benzo(k)fluoranthene
Concen: 49.29 ng
RT: 17.51 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.3	17.4	26.0
125	8.7	6.1	9.1





#89

Benzo(a)pyrene

Concen: 49.97 ng

RT: 17.89 min Scan# 1461

Delta R.T. 0.02 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

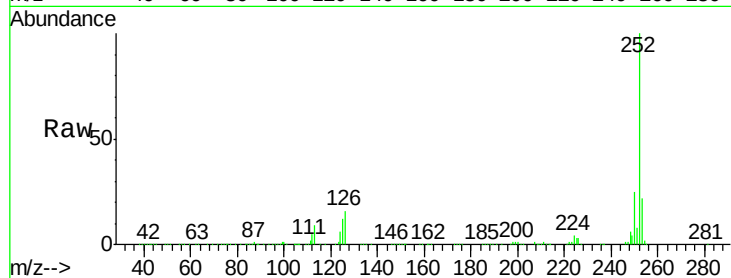
ClientSampleId :

LAR9797-AMSD

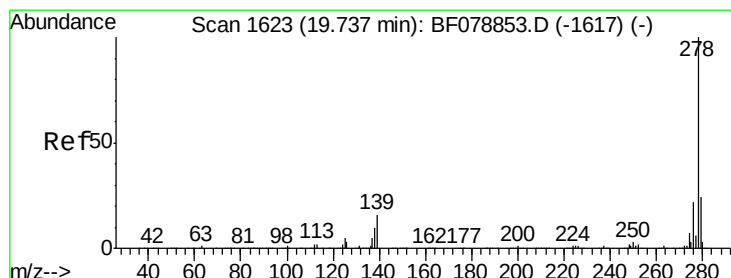
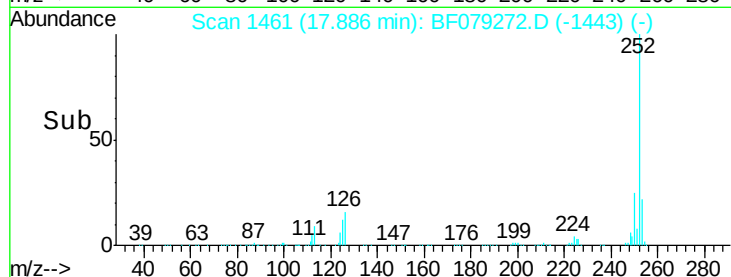
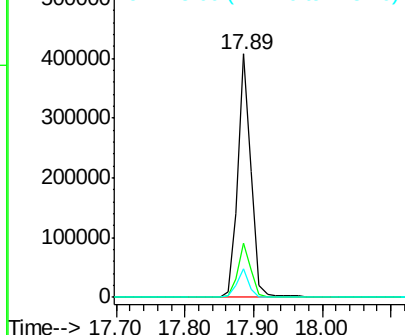
Tot Ion:	252	Resp:	556507
Ion Ratio		Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.7	8.2	12.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.93 ng

RT: 19.43 min Scan# 1596

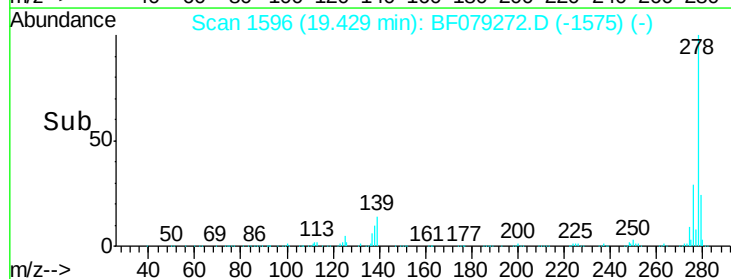
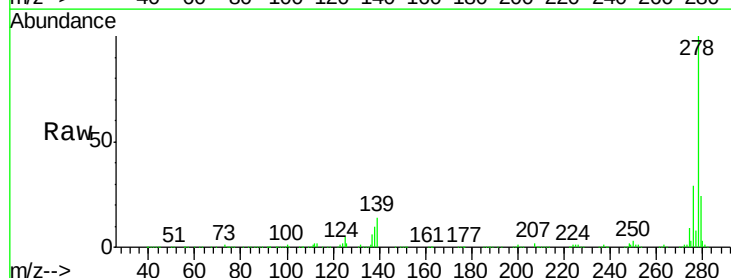
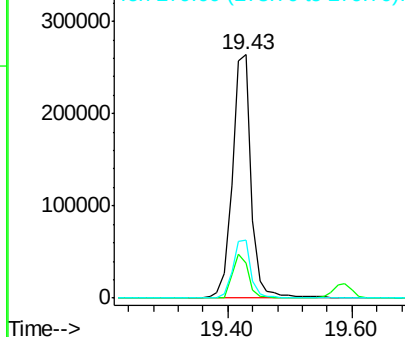
Delta R.T. 0.03 min

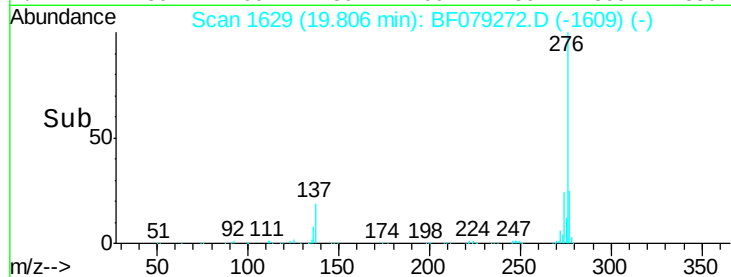
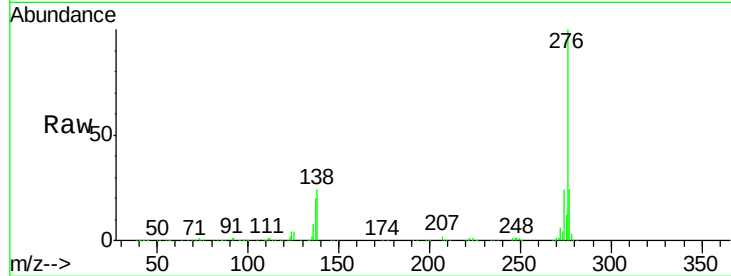
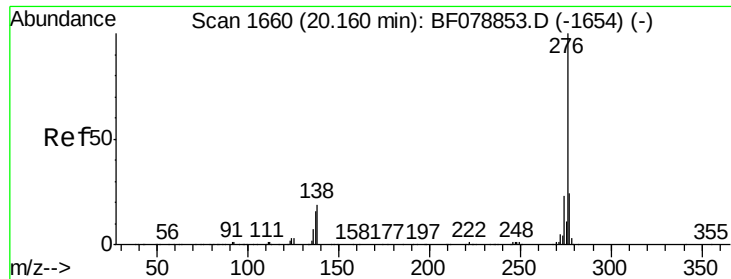
Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:	278	Resp:	555452
Ion Ratio		Lower	Upper
278	100		
139	14.2	13.1	19.7
279	23.8	19.1	28.7

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





#91
 Benzo(a,h,i)perylene
 Concen: 46.99 ng
 RT: 19.81 min Scan# 1629
 Delta R.T. 0.02 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	23.8	15.2	22.8

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