

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079271.D
 Acq On : 15 May 2015 15:52
 Operator : TP/IZ
 Sample : G2231-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Manual Integrations
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Quant Time: May 15 23:39:37 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	65710	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	269510	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	130025	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	238225	20.00	ng	0.00
75) Chrysene-d12	16.07	240	237424	20.00	ng	-0.02
86) Perylene-d12	17.87	264	231709	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	500897m	131.22	ng	0.02
7) Phenol-d6	6.75	99	629836	124.82	ng	0.00
23) Nitrobenzene-d5	7.87	82	391784	83.55	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	205650	146.20	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	793328	85.00	ng	0.00
78) Terphenyl-d14	14.77	244	872778	88.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	61902m	37.30	ng	
3) Pyridine	2.84	79	157921m	32.51	ng	
4) n-Nitrosodimethylamine	2.74	42	87710m	42.14	ng	
6) Aniline	6.78	93	26813	3.76	ng	# 1
8) 2-Chlorophenol	6.91	128	193450	44.68	ng	89
9) Benzaldehyde	6.63	77	66494	19.56	ng	98
10) Phenol	6.76	94	231376	39.53	ng	87
11) bis(2-Chloroethyl)ether	6.87	93	179752	41.89	ng	88
12) 1,3-Dichlorobenzene	7.10	146	192474	39.55	ng	# 90
13) 1,4-Dichlorobenzene	7.20	146	203616	40.66	ng	99
14) 1,2-Dichlorobenzene	7.38	146	195467	41.93	ng	99
15) Benzyl Alcohol	7.37	79	163631	43.68	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.54	45	270851	41.26	ng	97
17) 2-Methylphenol	7.52	107	153789	44.14	ng	97
18) Hexachloroethane	7.79	117	69579	40.34	ng	# 84
19) n-Nitroso-di-n-propylamine	7.70	70	148061	43.44	ng	95
20) 3+4-Methylphenols	7.70	107	207755	44.75	ng	# 51
22) Acetophenone	7.69	105	311187	51.11	ng	# 86
24) Nitrobenzene	7.90	77	223992	48.19	ng	# 87
25) Isophorone	8.19	82	372782	42.88	ng	93
26) 2-Nitrophenol	8.28	139	93664	48.68	ng	# 85
27) 2,4-Dimethylphenol	8.35	122	175837	45.67	ng	94
28) bis(2-Chloroethoxy)methane	8.48	93	248870	46.44	ng	99
29) 2,4-Dichlorophenol	8.59	162	168709	49.28	ng	86
30) 1,2,4-Trichlorobenzene	8.68	180	157846	41.97	ng	98
31) Naphthalene	8.78	128	546794	42.58	ng	99
32) Benzoic acid	8.50	122	232604m	90.09	ng	
33) 4-Chloroaniline	8.86	127	24653	4.54	ng	# 92
34) Hexachlorobutadiene	8.94	225	91463	42.23	ng	98
35) Caprolactam	9.31	113	45889	41.45	ng	# 84
36) 4-Chloro-3-methylphenol	9.47	107	179115	49.81	ng	98
37) 2-Methylnaphthalene	9.64	142	395665	44.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	160168	43.74	ng	98
40) Hexachlorocyclopentadiene	9.83	237	146871	79.76	ng	93

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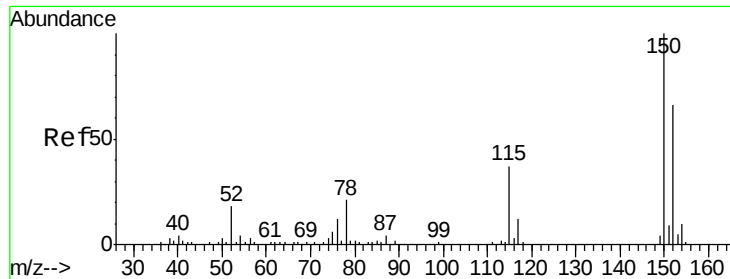
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	114059	45.31	nq	99
43) 2,4,5-Trichlorophenol	10.04	196	121844	47.87	nq	96
45) 1,1'-Biphenyl	10.23	154	470169	45.49	nq	100
46) 2-Chloronaphthalene	10.24	162	356830	44.26	nq	97
47) 2-Nitroaniline	10.38	65	102310	43.79	nq	# 71
48) Acenaphthylene	10.75	152	599268	45.27	nq	99
49) Dimethylphthalate	10.62	163	448445	46.99	nq	99
50) 2,6-Dinitrotoluene	10.69	165	88377	46.93	nq	# 62
51) Acenaphthene	10.97	154	352748	44.68	nq	100
52) 3-Nitroaniline	10.88	138	14323	6.09	nq	# 88
53) 2,4-Dinitrophenol	11.03	184	84116	93.78	nq	# 55
54) Dibenzofuran	11.19	168	532030	46.66	nq	95
55) 4-Nitrophenol	11.11	139	150990	81.09	nq	90
56) 2,4-Dinitrotoluene	11.19	165	118003	47.40	nq	94
57) Fluorene	11.61	166	430451	45.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	98940	47.57	nq	99
59) Diethylphthalate	11.49	149	432279	45.72	nq	98
60) 4-Chlorophenyl-phenylether	11.62	204	187848	45.24	nq	# 85
61) 4-Nitroaniline	11.65	138	90381	38.40	nq	90
62) Azobenzene	11.82	77	427073	45.84	nq	91
64) 4,6-Dinitro-2-methylphenol	11.68	198	54607	52.80	nq	# 30
65) n-Nitrosodiphenylamine	11.77	169	367053	46.27	nq	99
66) 4-Bromophenyl-phenylether	12.22	248	120753	48.63	nq	92
67) Hexachlorobenzene	12.29	284	134713	47.47	nq	# 68
68) Atrazine	12.45	200	114995	49.84	nq	96
69) Pentachlorophenol	12.54	266	146799	87.69	nq	99
70) Phenanthrene	12.80	178	618885	46.44	nq	100
71) Anthracene	12.86	178	611970	46.81	nq	99
72) Carbazole	13.06	167	580833	46.61	nq	99
73) Di-n-butylphthalate	13.52	149	717024	47.98	nq	98
74) Fluoranthene	14.27	202	665952	47.95	nq	94
76) Benzidine	14.46	184	83738	13.09	nq	97
77) Pyrene	14.55	202	653678	47.78	nq	99
79) Butylbenzylphthalate	15.38	149	350515	58.61	nq	98
80) Benzo(a)anthracene	16.06	228	592435	45.57	nq	99
81) 3,3'-Dichlorobenzidine	16.03	252	159272	34.39	nq	# 96
82) Chrysene	16.10	228	513451	41.06	nq	100
83) Bis(2-ethylhexyl)phthalate	16.13	149	536433	59.22	nq	98
84) Di-n-octyl phthalate	16.95	149	784103	49.15	nq	98
85) Indeno(1,2,3-cd)pyrene	19.29	276	705903	44.30	nq	99
87) Benzo(b)fluoranthene	17.41	252	647460	51.05	nq	99
88) Benzo(k)fluoranthene	17.44	252	552383	44.99	nq	# 96
89) Benzo(a)pyrene	17.81	252	582881	49.91	nq	# 97
90) Dibenzo(a,h)anthracene	19.31	278	568541	45.81	nq	98
91) Benzo(g,h,i)perylene	19.70	276	588542	47.31	nq	96

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



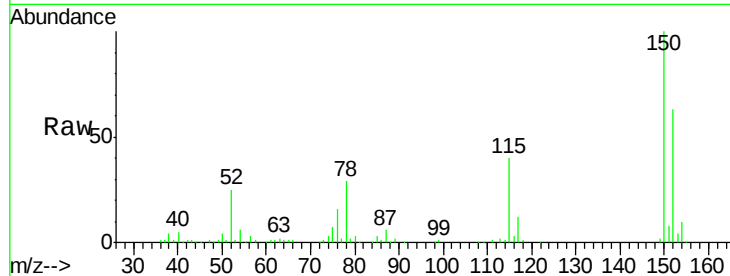
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
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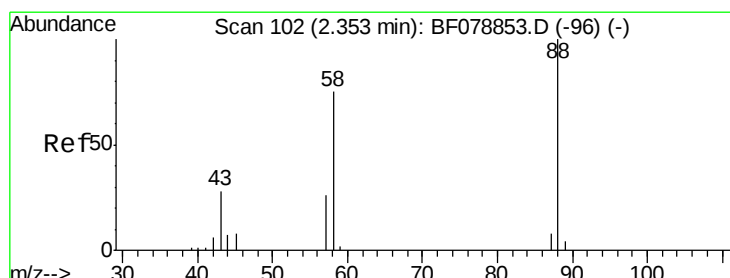
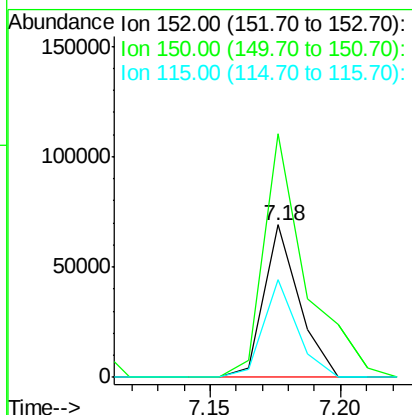
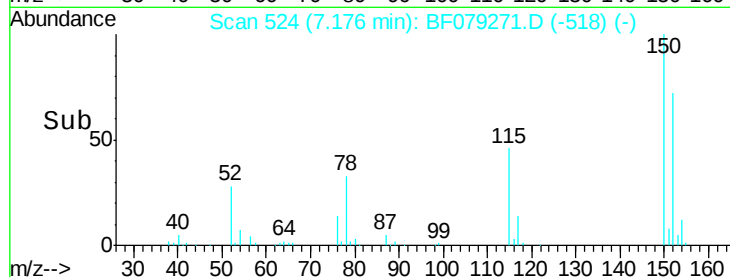
Tot Ion:	152	Resp:	65710
Ion Ratio	Lower	Upper	
152	100		
150	159.6	123.8	185.8
115	64.1	49.4	74.0

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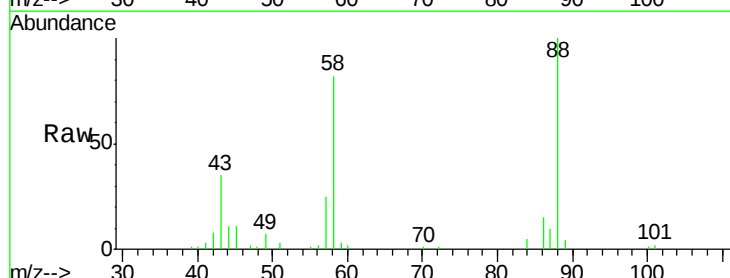


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

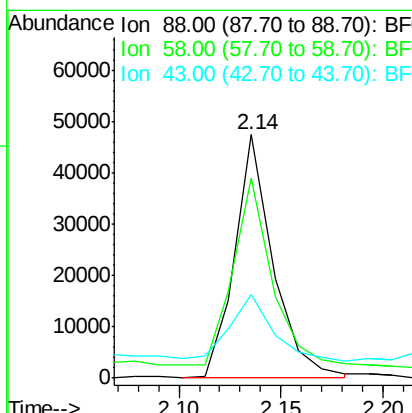
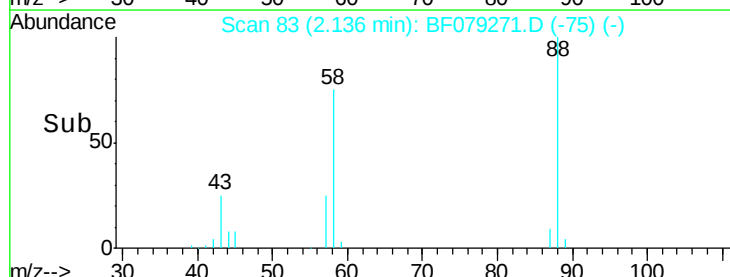


#2
 1,4-Dioxane
 Concen: 37.30 ng m
 RT: 2.14 min Scan# 83
 Delta R.T. 0.07 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion:	88	Resp:	61902
Ion Ratio	Lower	Upper	
88	100		
58	0.0	63.5	95.3#
43	0.0	24.6	37.0#



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





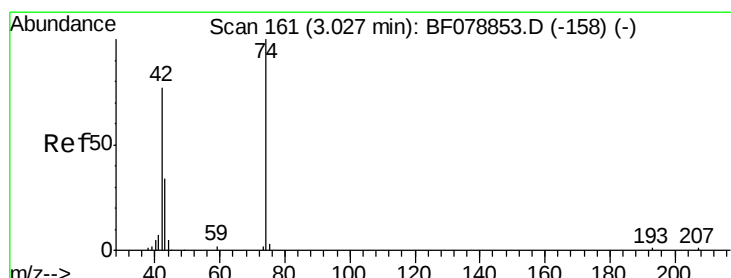
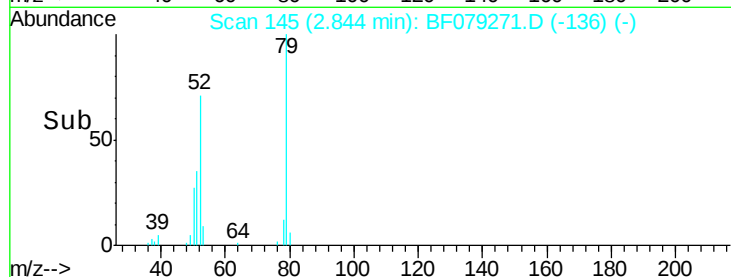
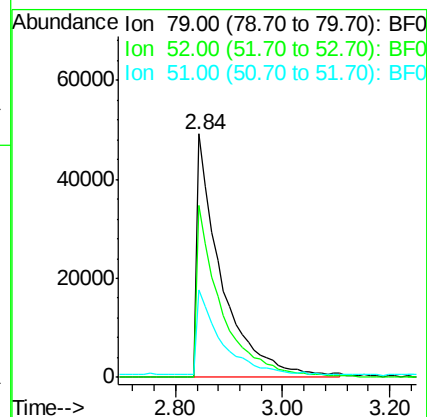
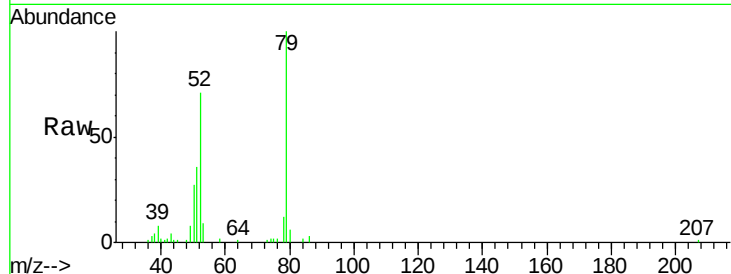
#3
 Pvridine
 Concen: 32.51 ng m
 RT: 2.84 min Scan# 145
 Delta R.T. 0.08 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	70.8	57.6	86.4	
51	36.1	28.7	43.1	

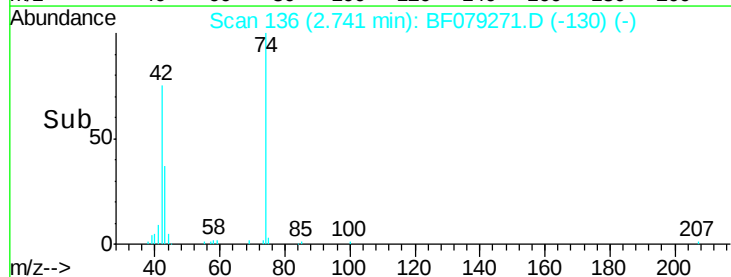
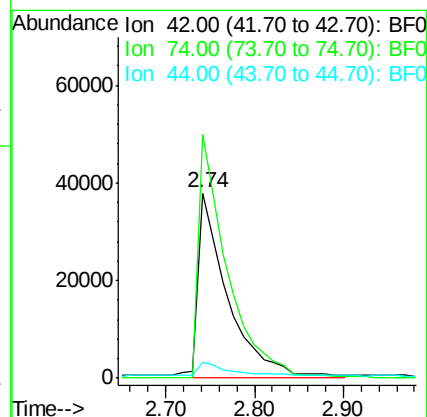
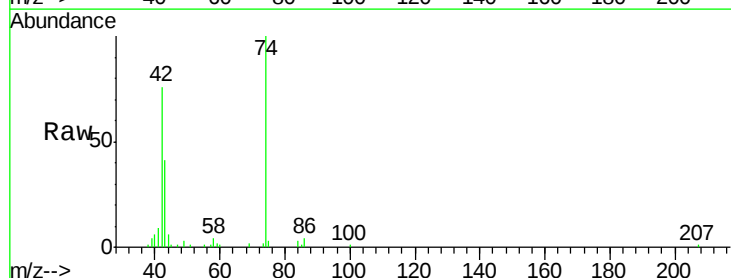
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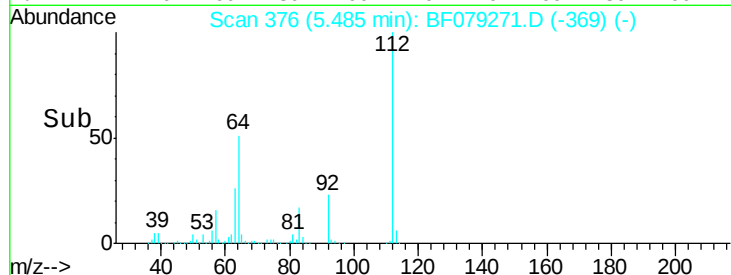
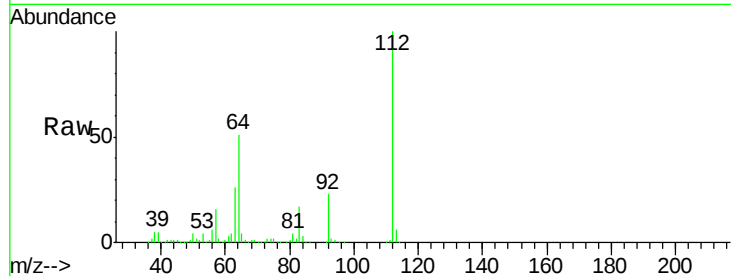
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#4
 n-Nitrosodimethylamine
 Concen: 42.14 ng m
 RT: 2.74 min Scan# 136
 Delta R.T. 0.05 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	131.4	104.4	156.6	
44	8.2	6.2	9.2	





#5

2-Fluorophenol

Concen: 131.22 ng/mL

RT: 5.48 min Scan# 376

Delta R.T. 0.02 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tot Ion	Ratio	Resp	Lower	Upper
112	100	500897		
64	51.3	44.2	66.2	
63	26.1	22.7	34.1	

Instrument :

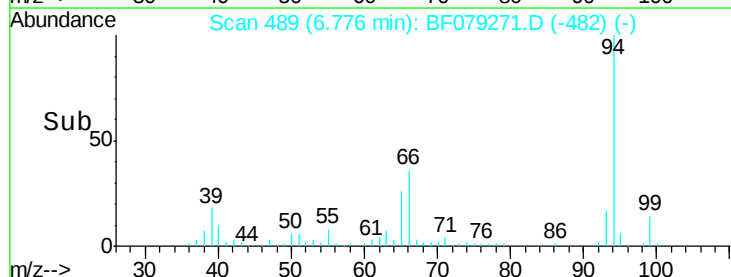
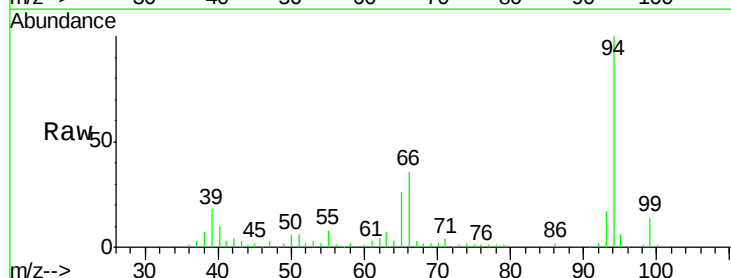
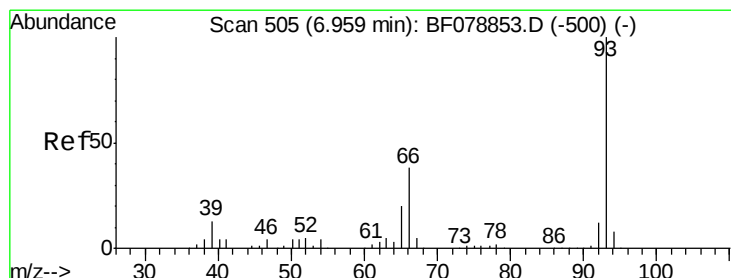
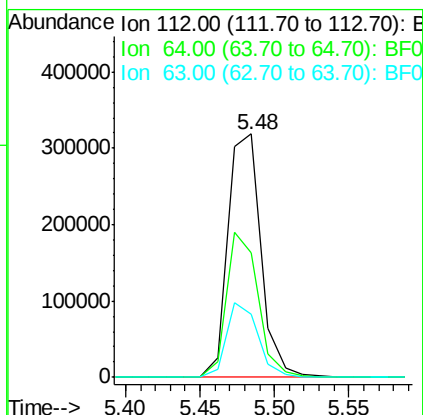
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#6

Aniline

Concen: 3.76 ng

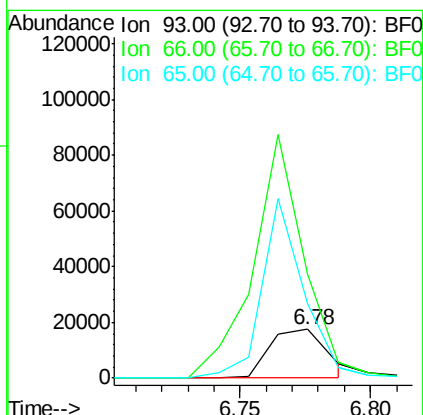
RT: 6.78 min Scan# 489

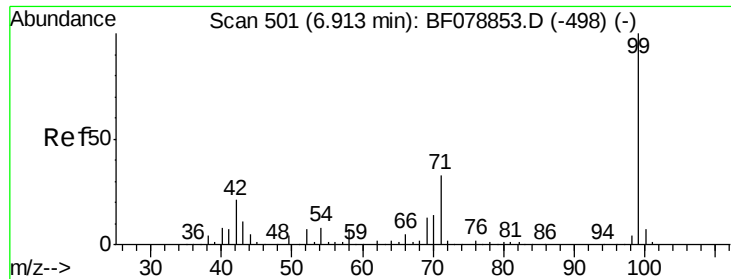
Delta R.T. 0.01 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	26813		
66	215.3	30.7	46.1#	
65	153.8	15.8	23.8#	





#7

Phenol-d6

Concen: 124.82 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

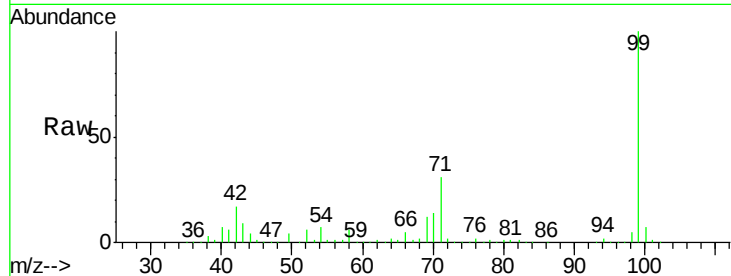
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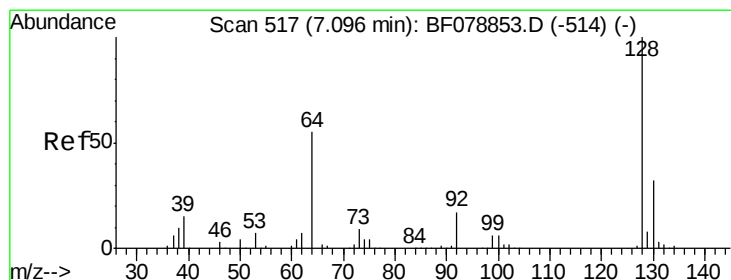
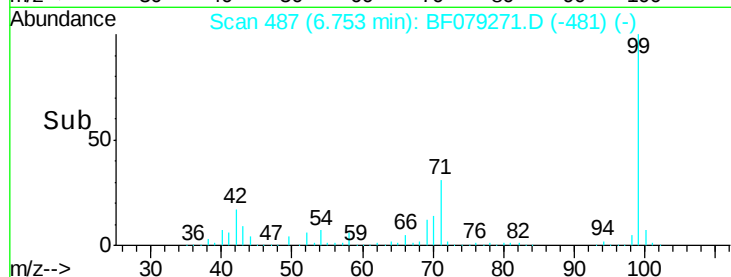
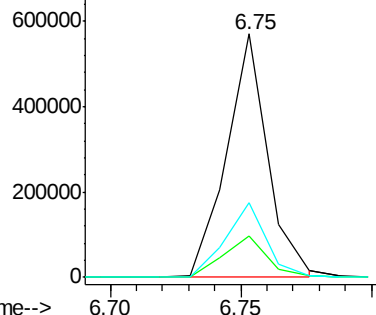
Tot Ion:	99	Resp:	629836
Ion Ratio	Lower	Upper	
99	100		
42	17.1	17.1	25.7#
71	30.8	26.3	39.5

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.68 ng

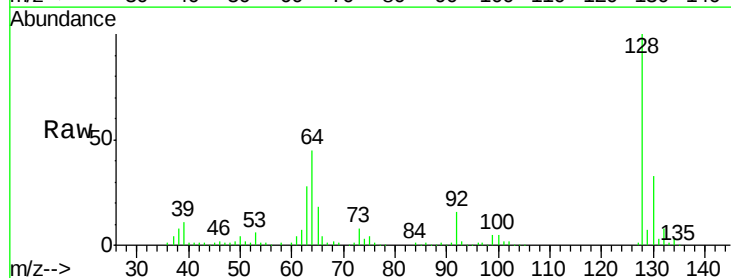
RT: 6.91 min Scan# 501

Delta R.T. 0.00 min

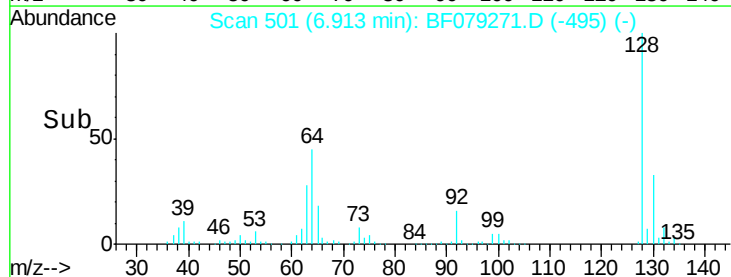
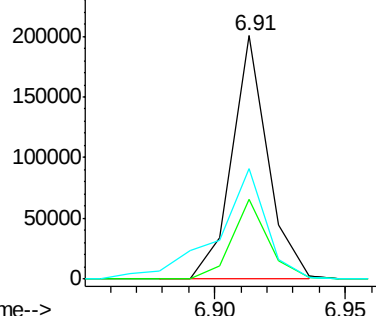
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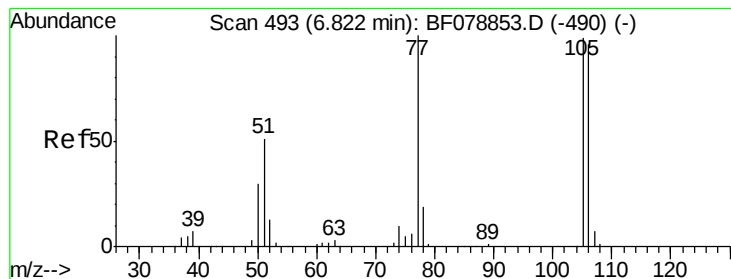
Acq: 15 May 2015 15:52

Tgt Ion:	128	Resp:	193450
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.4	52.4
64	45.5	37.8	77.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.56 ng

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

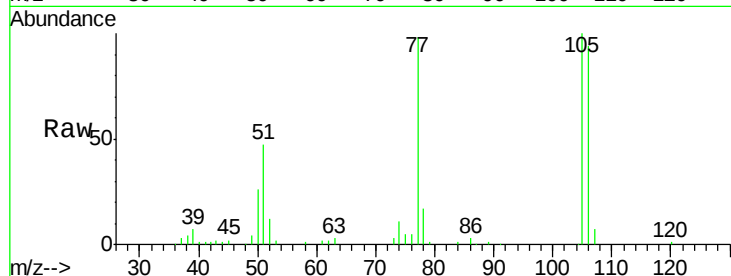
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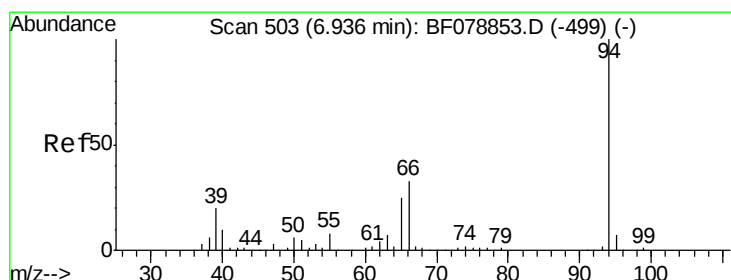
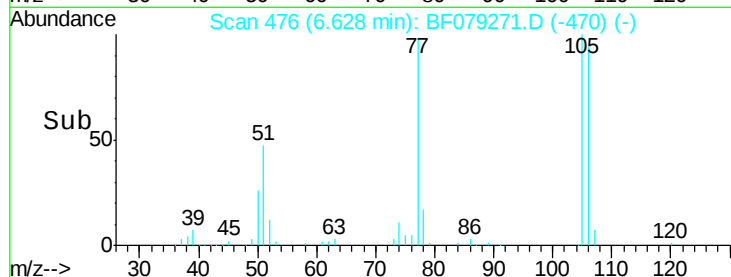
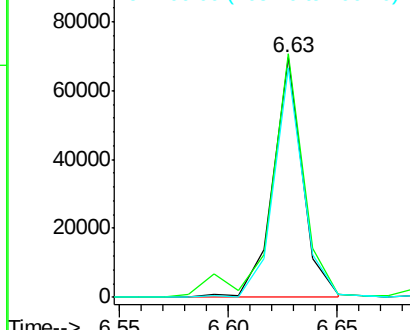
Tot Ion:	77	Resp:	66494
Ion	Ratio	Lower	Upper
77	100		
105	101.7	78.9	118.9
106	96.1	75.8	115.8

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 39.53 ng

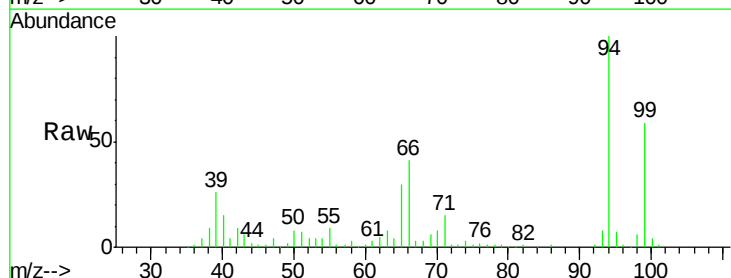
RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

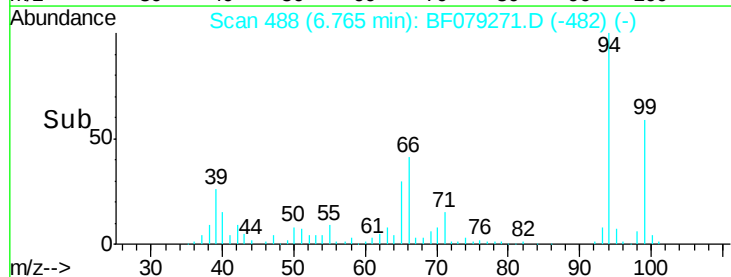
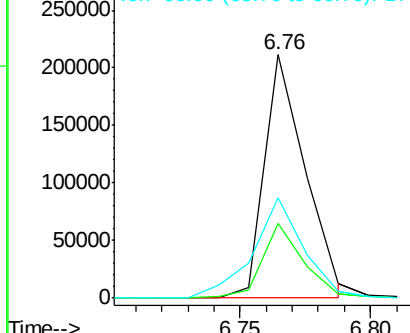
Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:	94	Resp:	231376
Ion	Ratio	Lower	Upper
94	100		
65	30.5	5.1	45.1
66	41.3	13.1	53.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

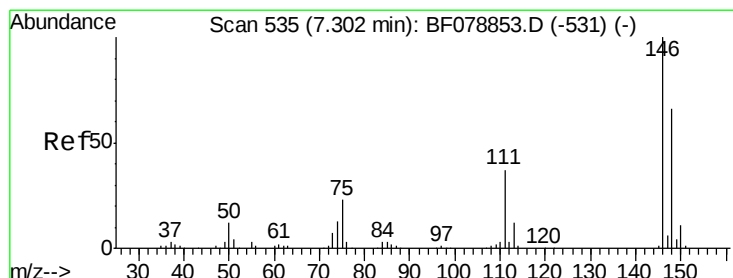
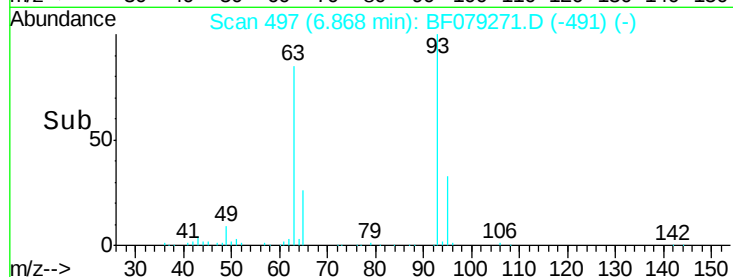
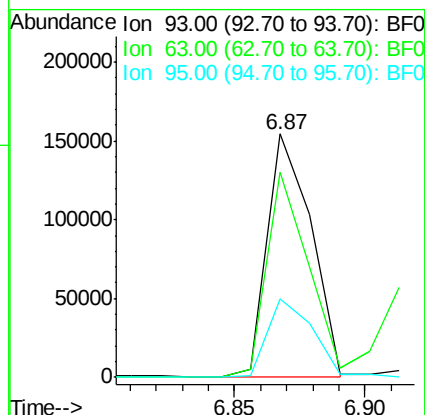
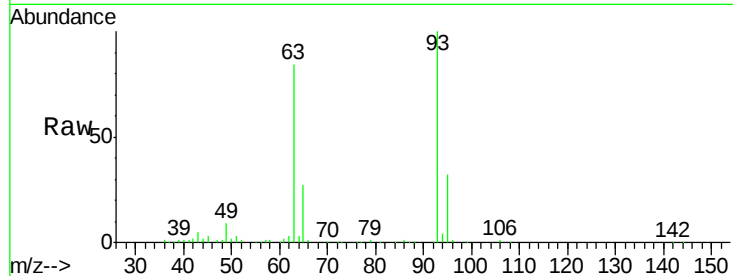
bis(2-Chloroethyl)ether
Concen: 41.89 ng
RT: 6.87 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	93	Resp	179752
Ion Ratio	Lower	Upper	
93	100		
63	84.4	50.8	90.8
95	32.1	13.9	53.9

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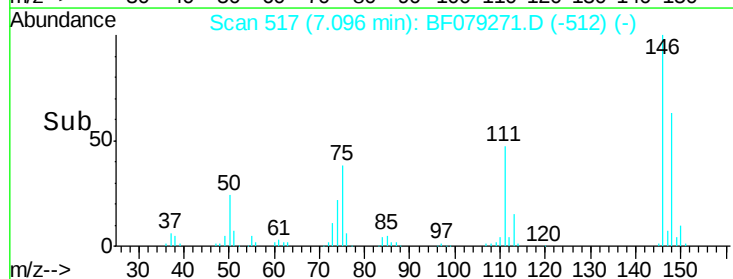
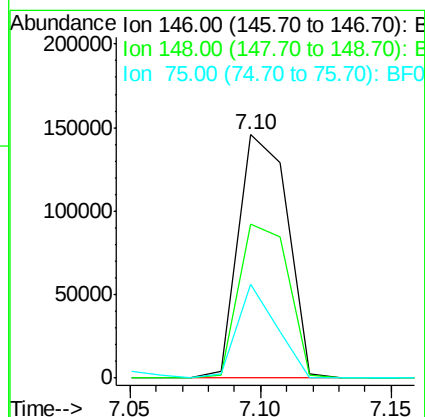
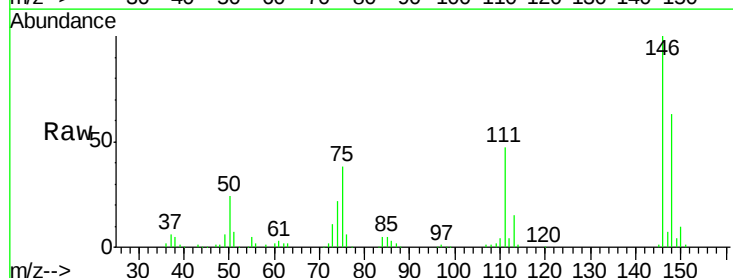
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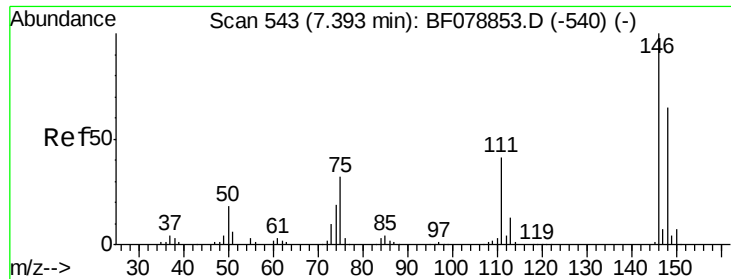


#12

1,3-Dichlorobenzene
Concen: 39.55 ng
RT: 7.10 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	146	Resp	192474
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.4	78.6
75	38.5	18.6	27.8#





#13

1,4-Dichlorobenzene

Concen: 40.66 ng

RT: 7.20 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

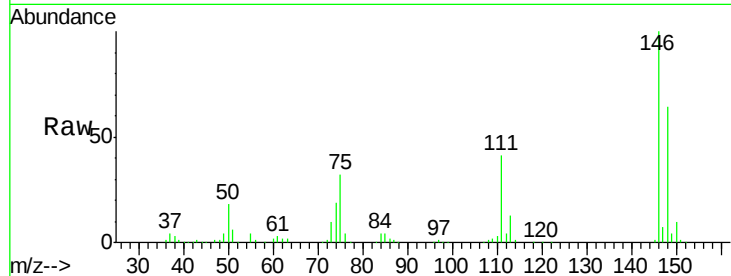
ClientSampleId :

LAR9797-AMS

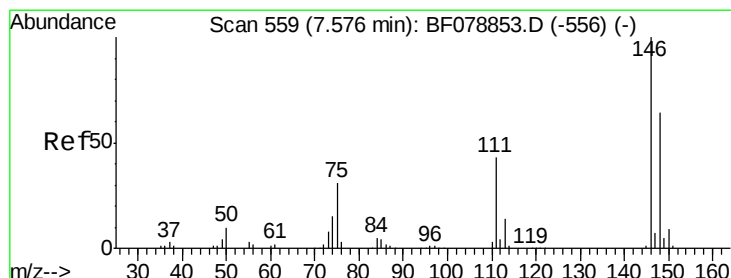
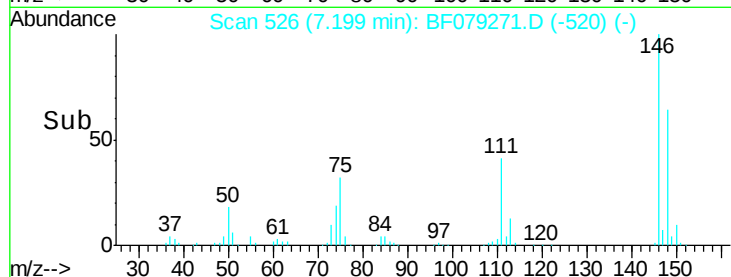
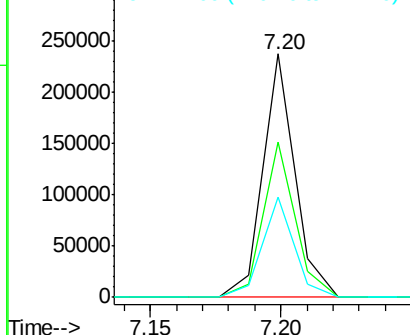
Tot Ion:	146	Resp:	203616
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.7	77.5
111	41.4	32.8	49.2

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



#14

1,2-Dichlorobenzene

Concen: 41.93 ng

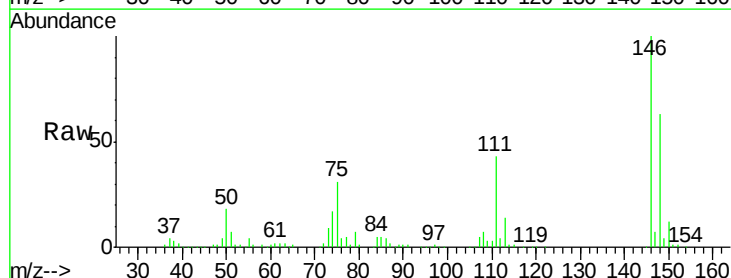
RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

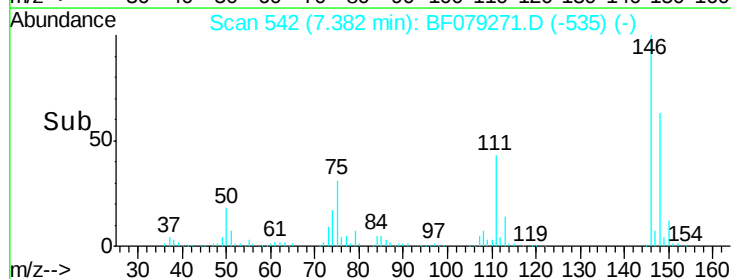
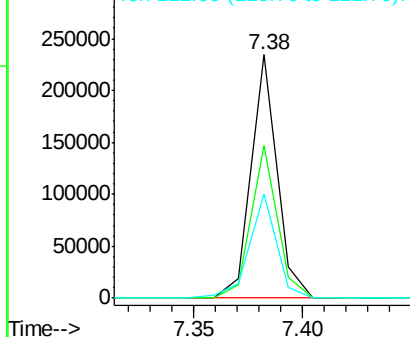
Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:	146	Resp:	195467
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.1	76.7
111	42.7	34.6	52.0



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





#15

Benzyl Alcohol

Concen: 43.68 ng

RT: 7.37 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

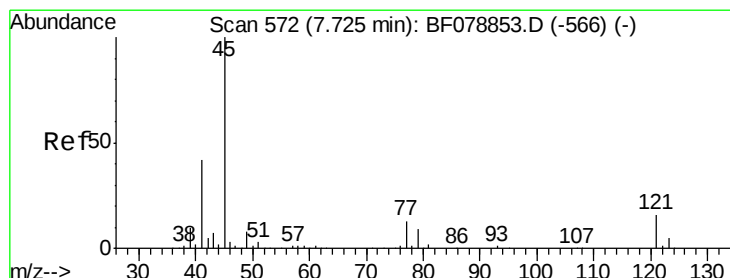
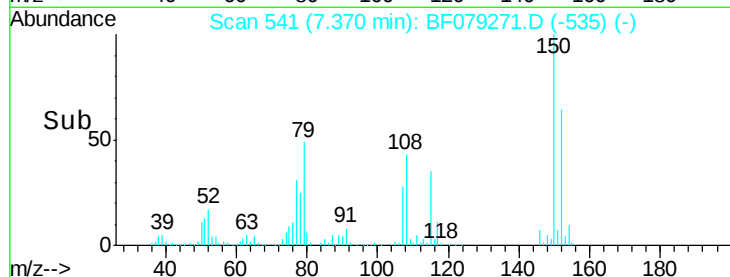
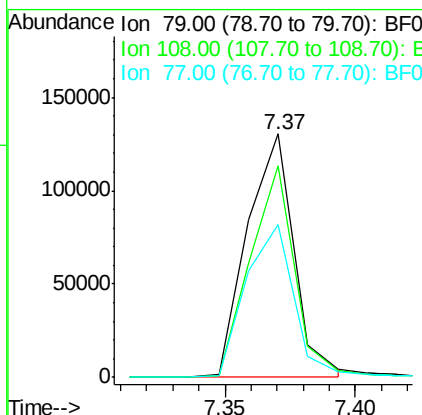
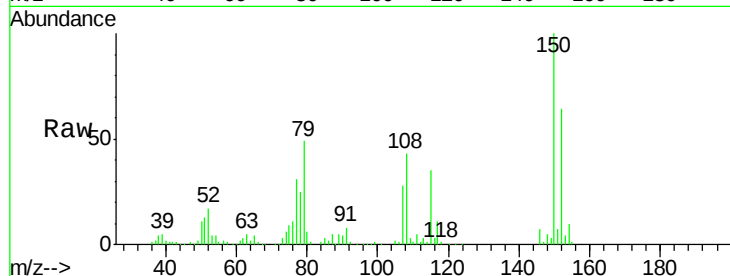
ClientSampleId :

LAR9797-AMS

Tot Ion:	79	Resp:	163631
Ion Ratio	Lower	Upper	
79	100		
108	87.1	57.4	86.2#
77	62.7	50.2	75.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.26 ng

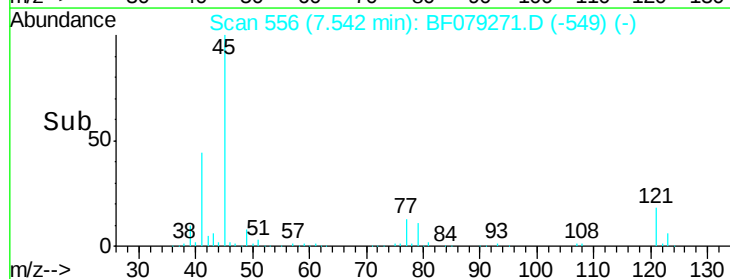
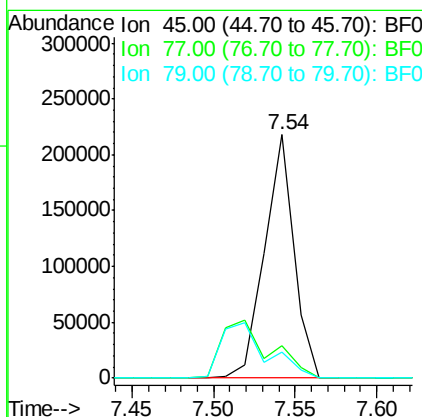
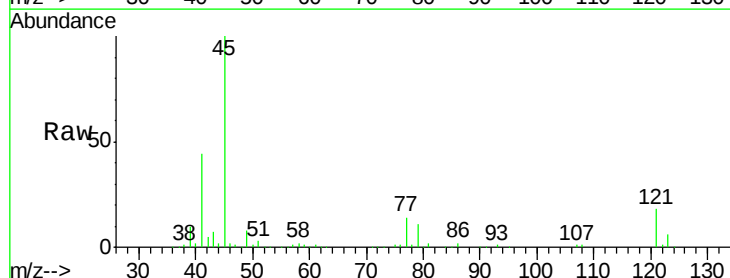
RT: 7.54 min Scan# 556

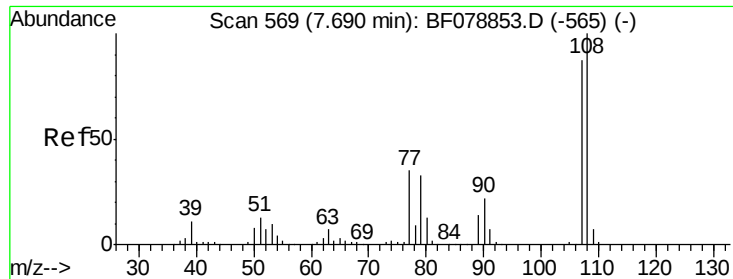
Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:	45	Resp:	270851
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	32.6
79	10.9	0.0	29.3





#17

2-Methylphenol

Concen: 44.14 ng

RT: 7.52 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

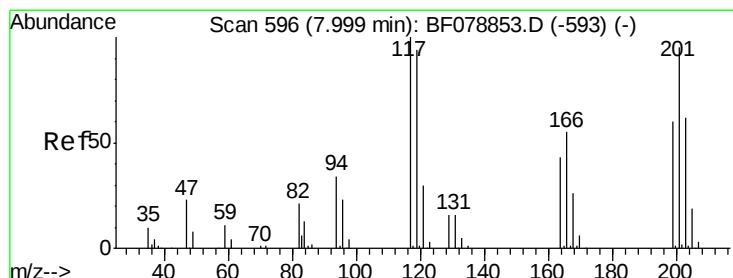
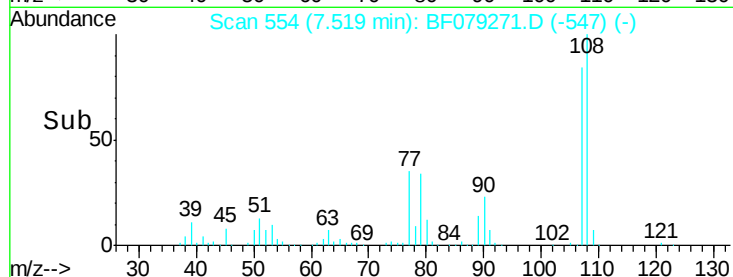
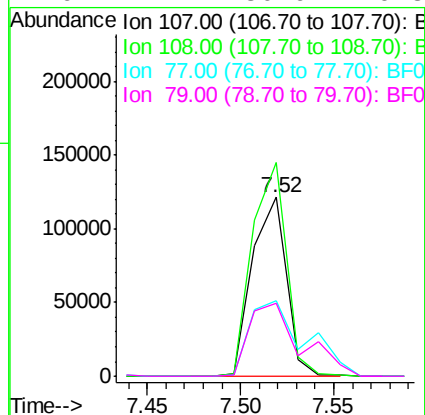
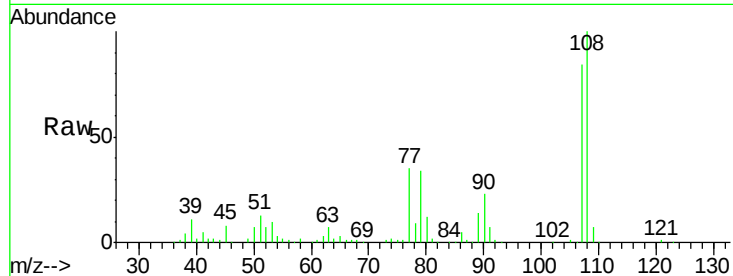
ClientSampleId :

LAR9797-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	119.4	92.4	138.6	
77	42.4	32.6	49.0	
79	41.2	30.9	46.3	

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#18

Hexachloroethane

Concen: 40.34 ng

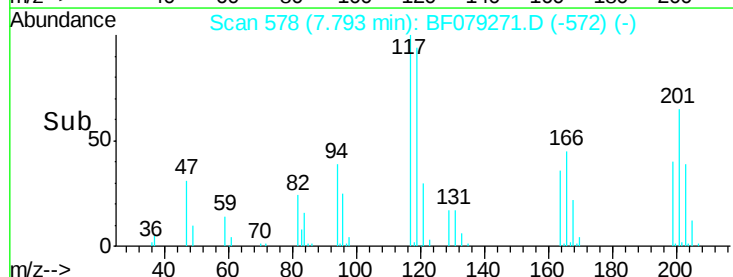
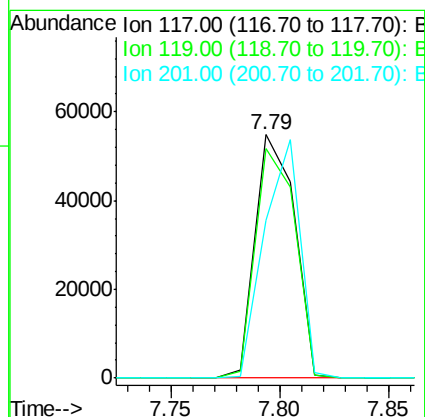
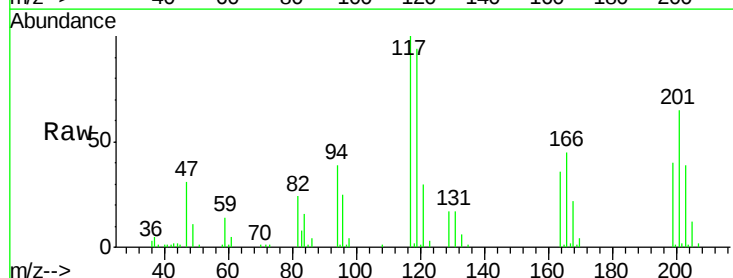
RT: 7.79 min Scan# 578

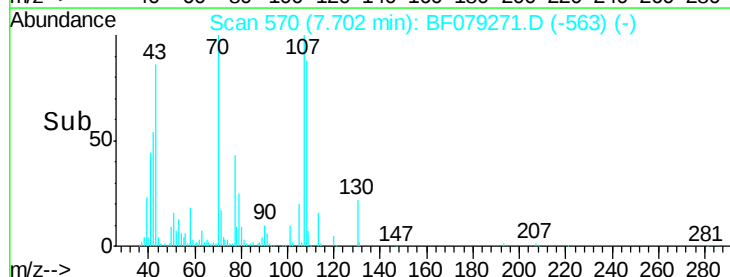
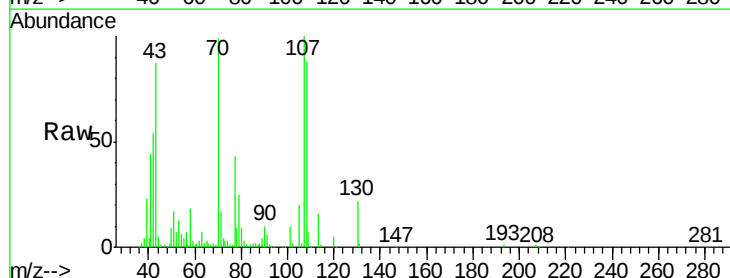
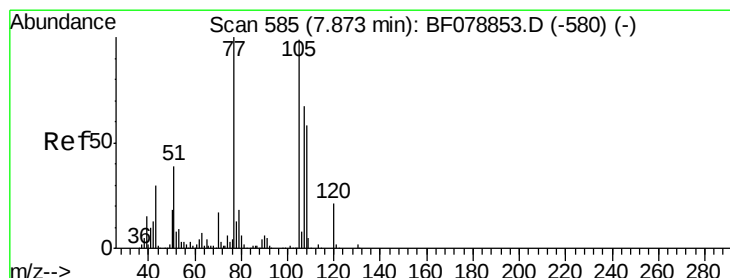
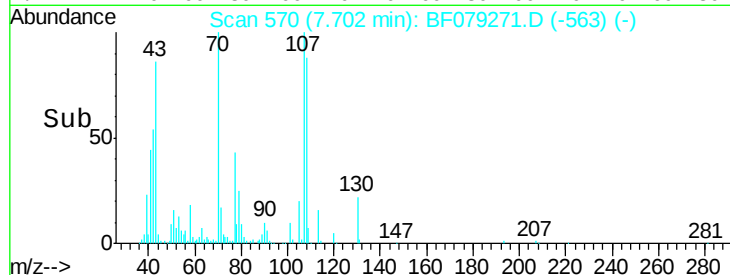
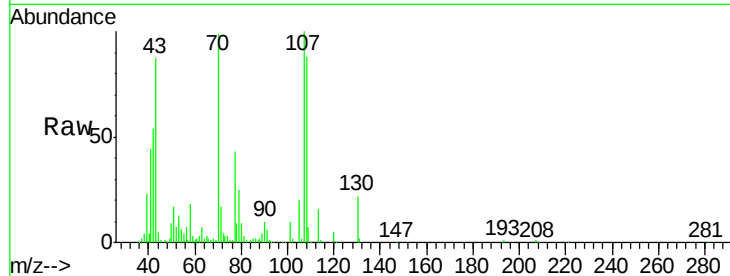
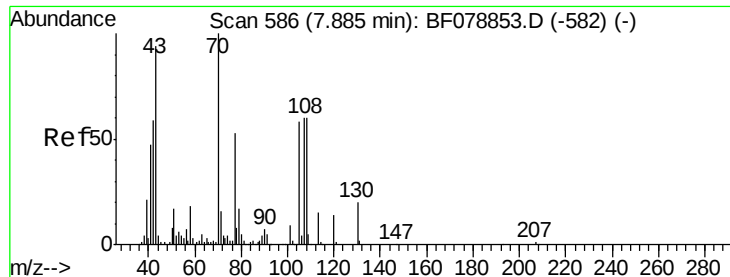
Delta R.T. -0.01 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

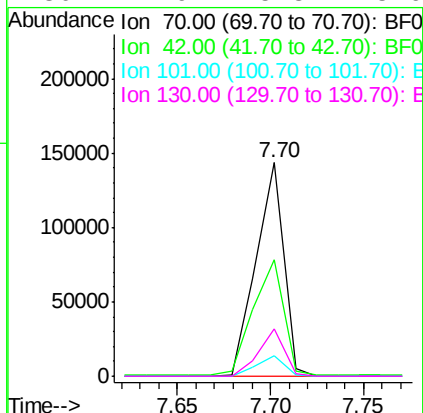
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	75.2	112.8	
201	64.7	75.8	113.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 43.44 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.3	47.3	70.9		
101	9.6	7.5	11.3		
130	21.9	15.8	23.6		



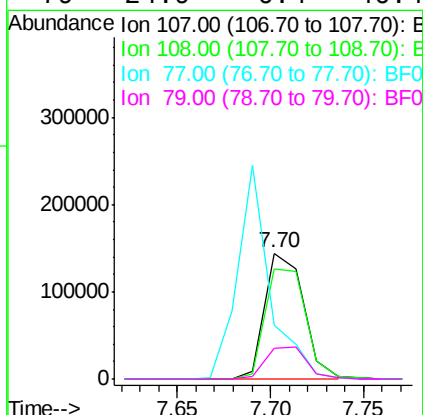
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

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#20
3+4-Methylphenols
Concen: 44.75 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.9	66.5	106.5		
77	42.9	130.6	170.6#		
79	24.9	6.4	46.4		





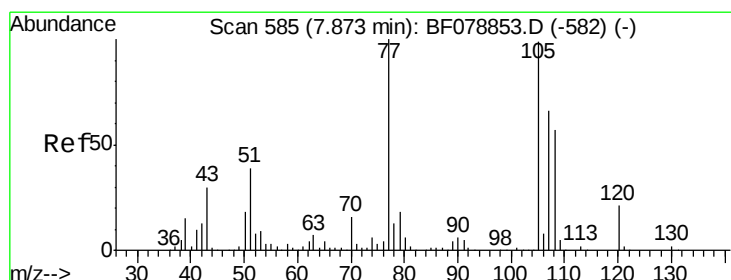
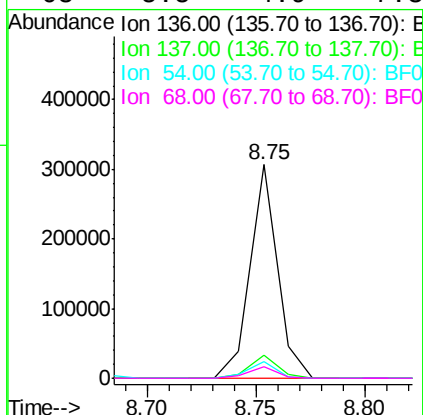
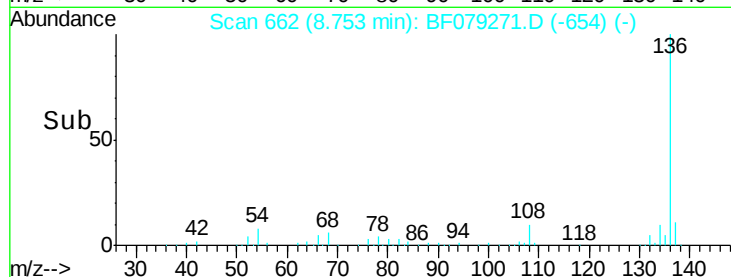
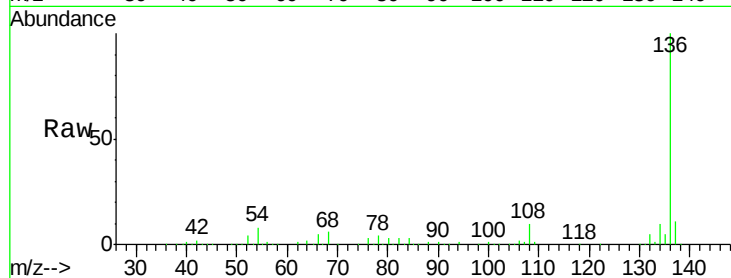
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	269510		
137	10.7		8.8	13.2
54	8.0		6.9	10.3
68	5.5		4.9	7.3

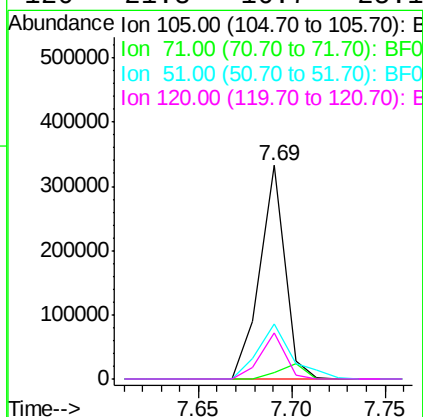
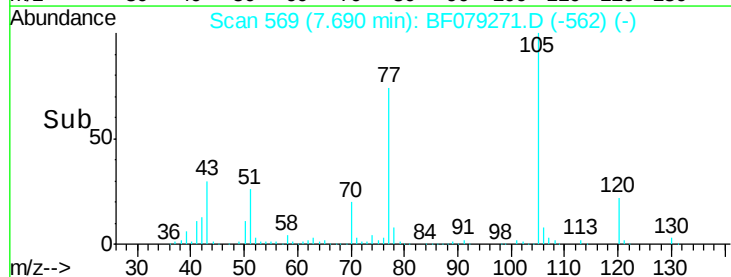
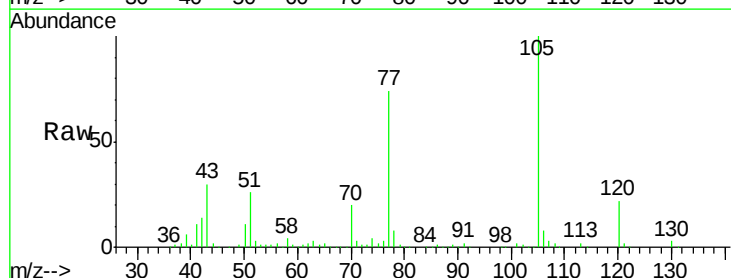
Manual Integrations
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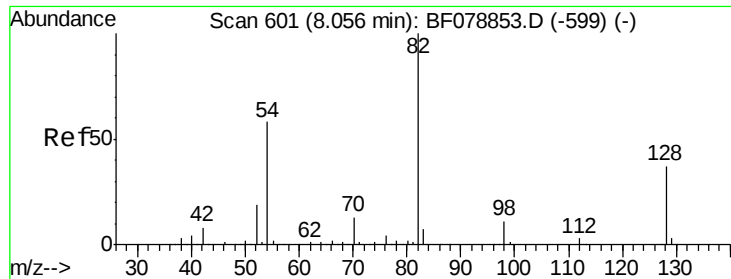
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#22
Acetophenone
Concen: 51.11 ng
RT: 7.69 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	311187		
71	3.3		2.2	3.4
51	26.0		31.1	46.7#
120	21.8		16.7	25.1





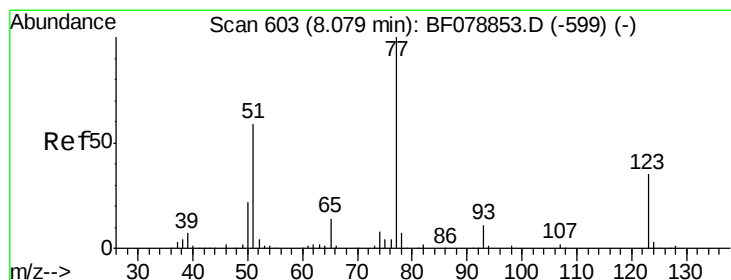
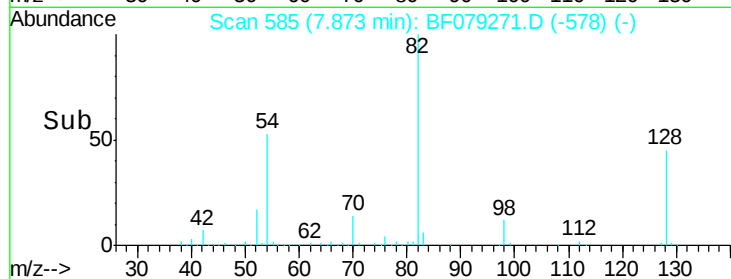
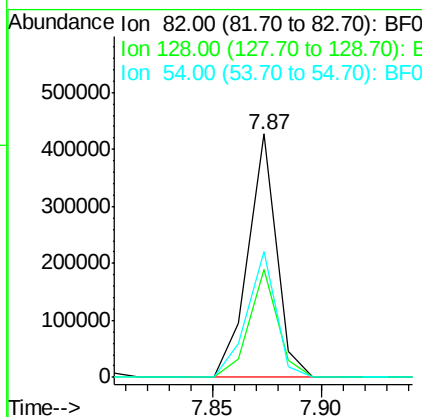
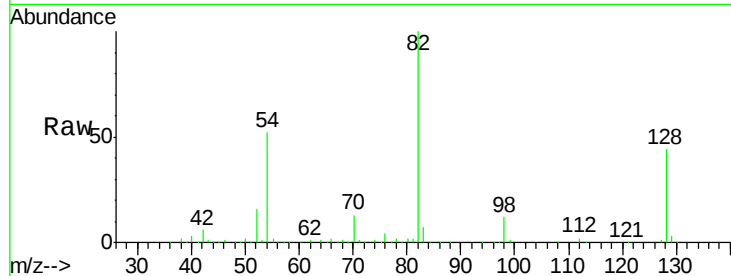
#23
 Nitrobenzene-d5
 Concen: 83.55 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.1	29.7	44.5	
54	51.7	46.2	69.4	

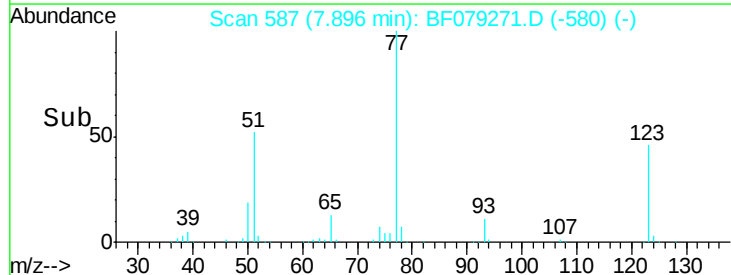
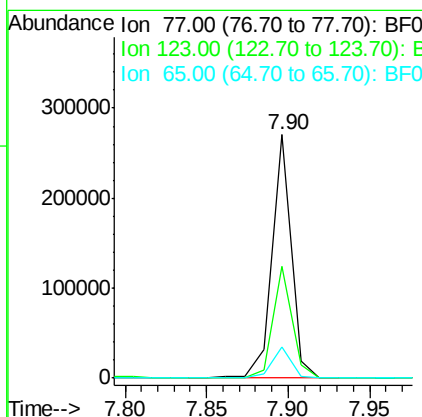
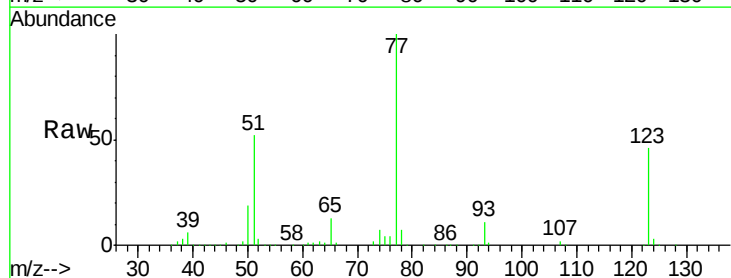
Manual Integrations
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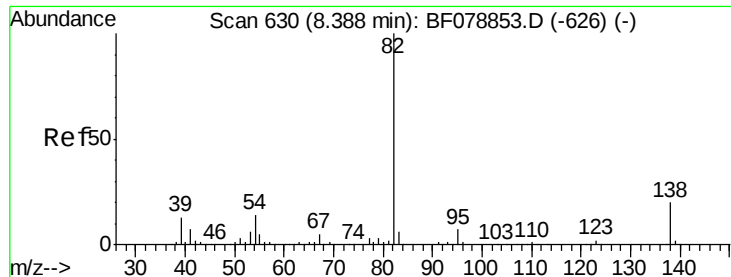
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#24
 Nitrobenzene
 Concen: 48.19 ng
 RT: 7.90 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.8	28.3	42.5#	
65	13.0	11.0	16.4	





#25

Isophorone

Concen: 42.88 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

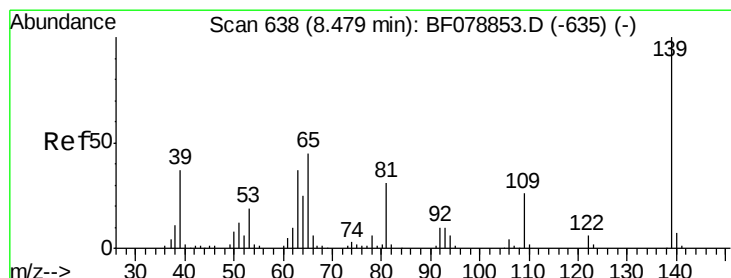
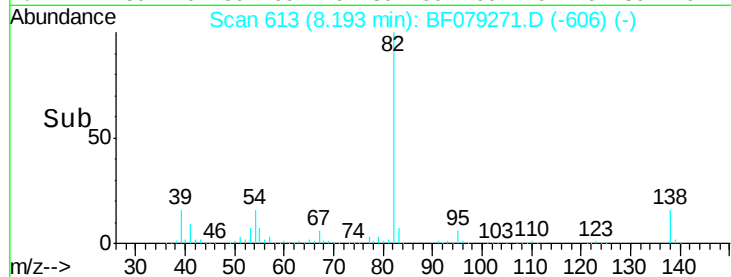
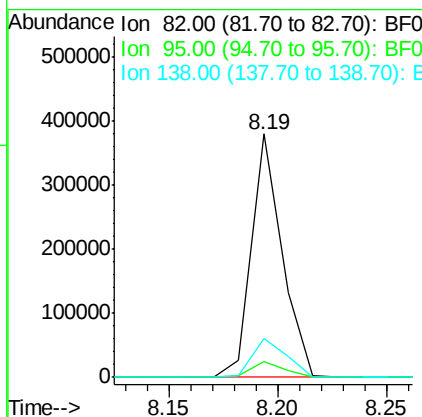
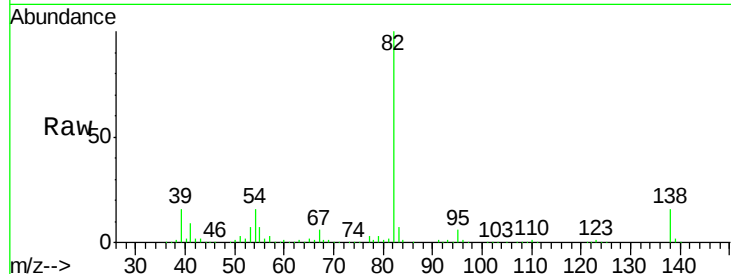
ClientSampleId :

LAR9797-AMS

Tot Ion:	82	Resp:	372782
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.4	8.2
138	16.1	16.1	24.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.68 ng

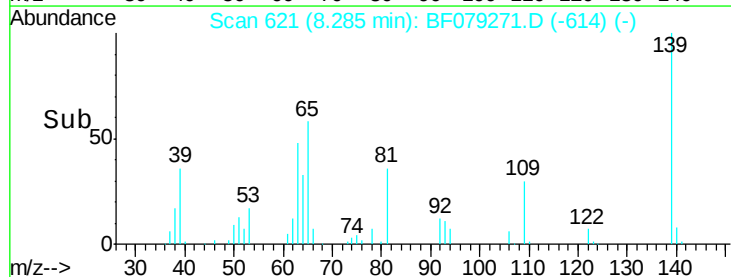
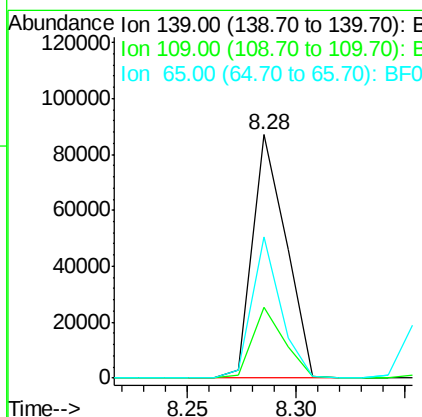
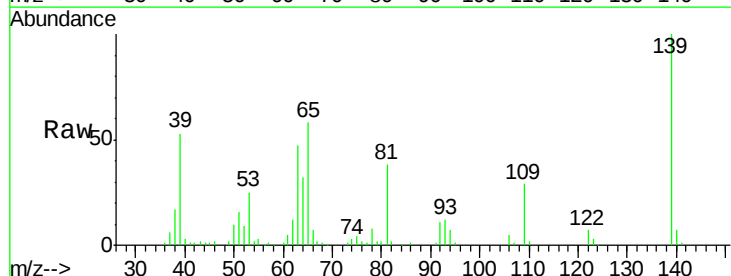
RT: 8.28 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:	139	Resp:	93664
Ion Ratio		Lower	Upper
139	100		
109	29.3	20.9	31.3
65	58.0	35.8	53.8#





#27

2,4-Dimethylphenol

Concen: 45.67 ng

RT: 8.35 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

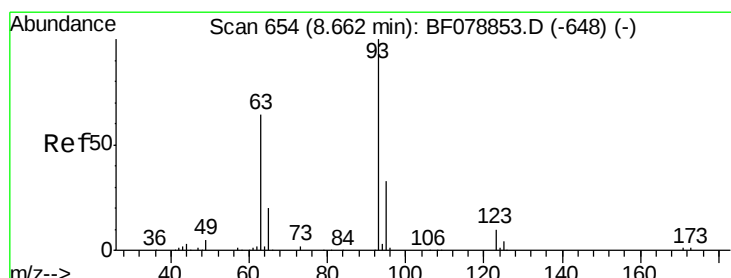
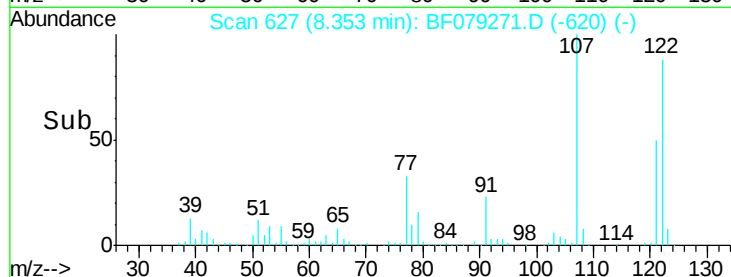
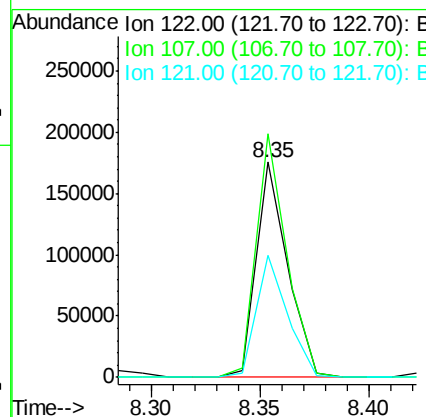
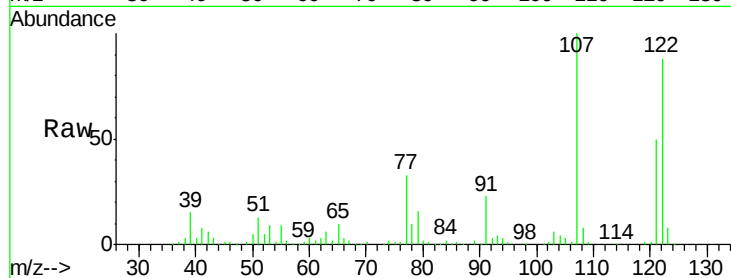
ClientSampled :

LAR9797-AMS

Tot Ion:	122	Resp:	175837
Ion Ratio	Lower	Upper	
122	100		
107	113.3	83.6	125.4
121	56.5	44.9	67.3

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#28

bis(2-Chloroethoxy)methane

Concen: 46.44 ng

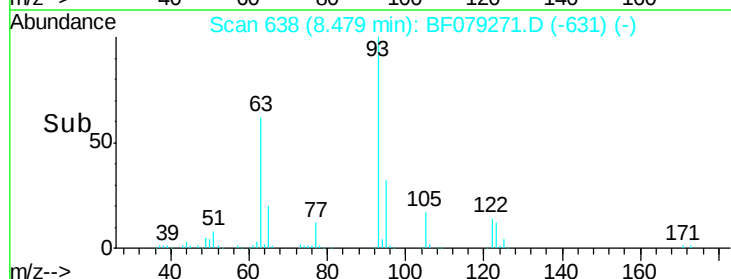
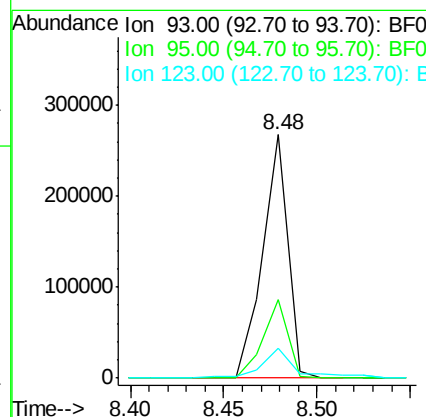
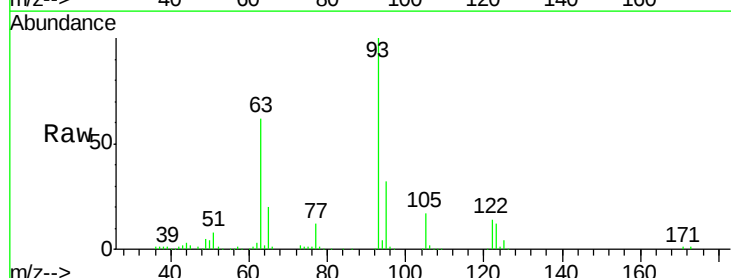
RT: 8.48 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:	93	Resp:	248870
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.2	39.2
123	12.3	8.6	12.8





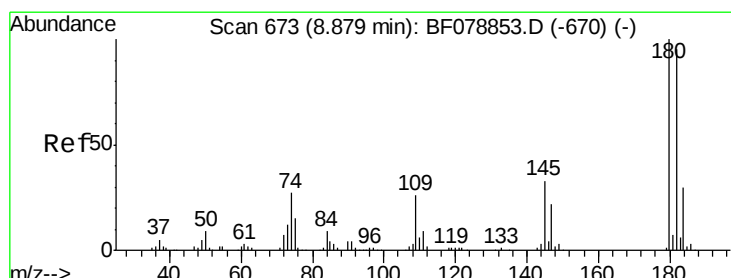
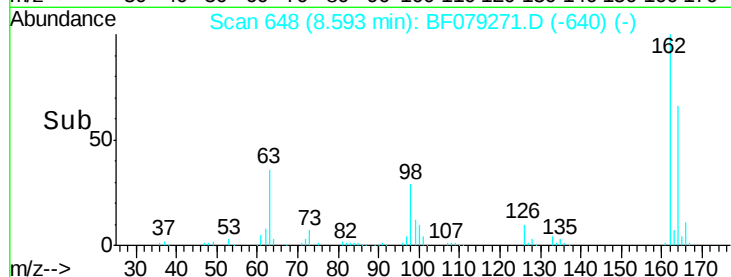
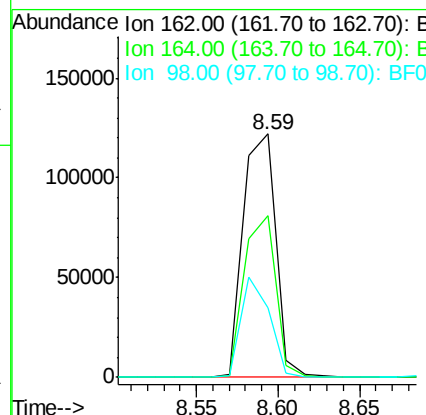
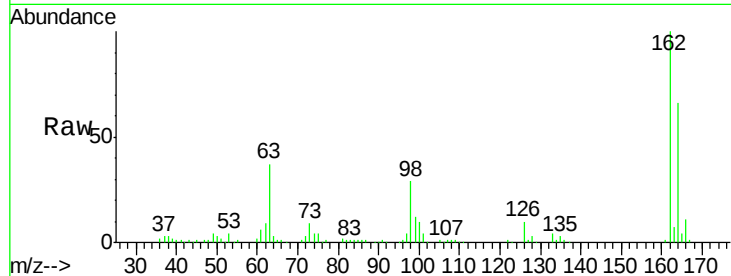
#29
 2,4-Dichlorophenol
 Concen: 49.28 ng
 RT: 8.59 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		168709		
164	66.2	42.7	82.7		
98	28.8	26.3	66.3		

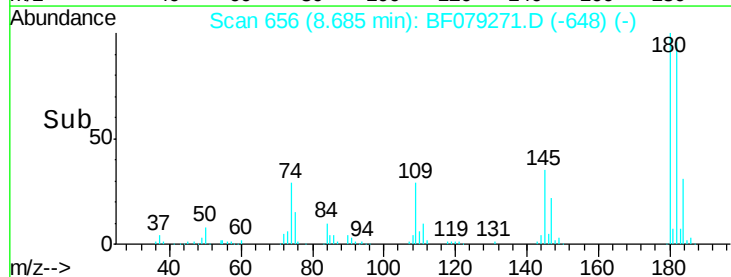
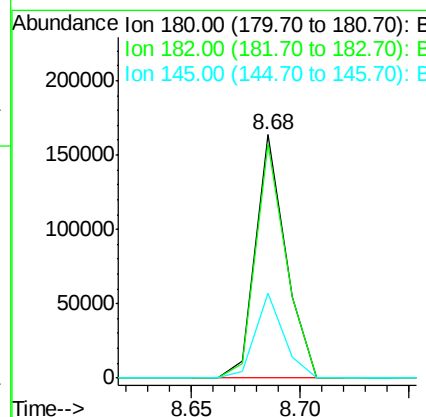
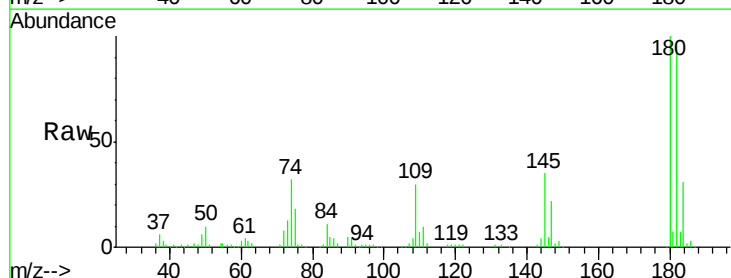
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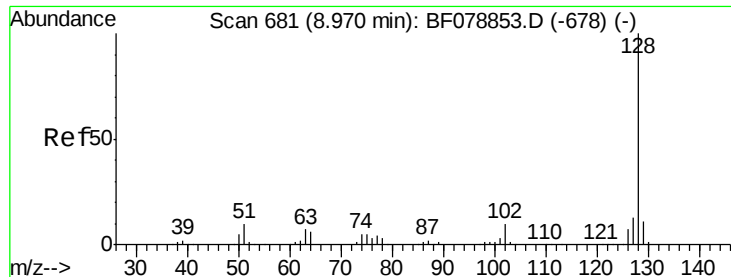
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.97 ng
 RT: 8.68 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		157846		
182	96.2	75.7	113.5		
145	34.9	26.2	39.4		





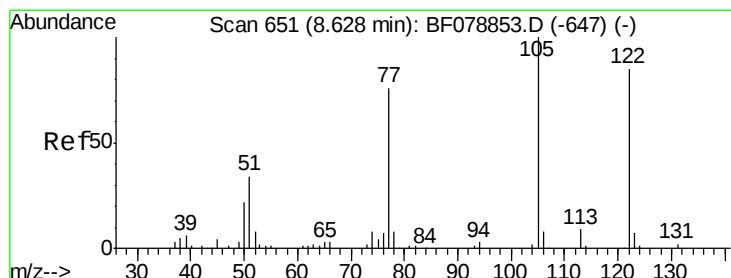
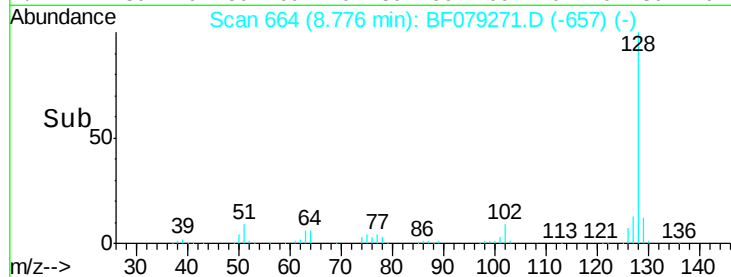
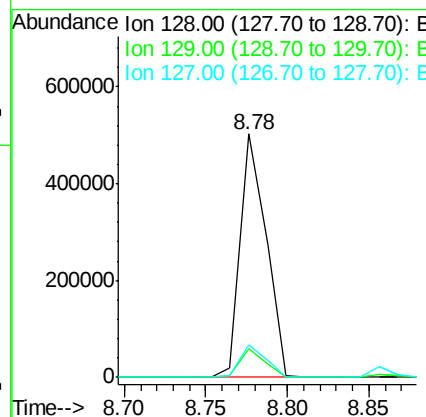
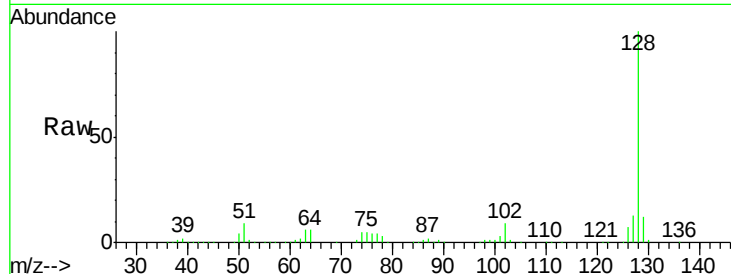
#31
Naphthalene
Concen: 42.58 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	546794		
129	11.5	9.2	13.8	
127	13.4	10.3	15.5	

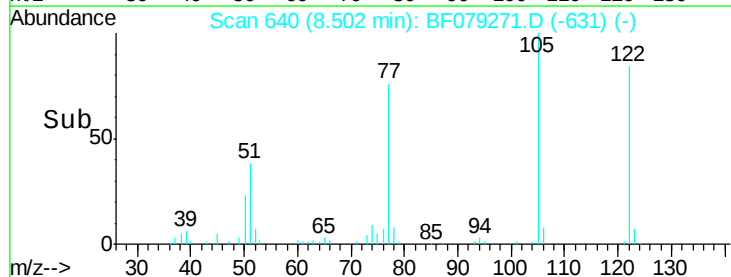
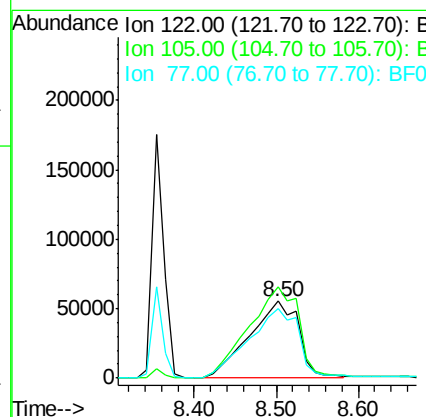
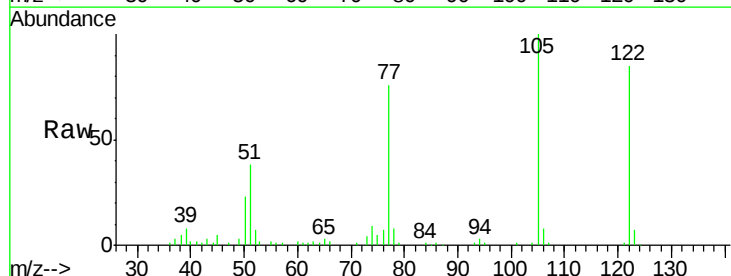
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#32
Benzoic acid
Concen: 90.09 ng m
RT: 8.50 min Scan# 640
Delta R.T. 0.02 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	232604		
105	118.3	100.7	140.7	
77	90.0	72.0	112.0	





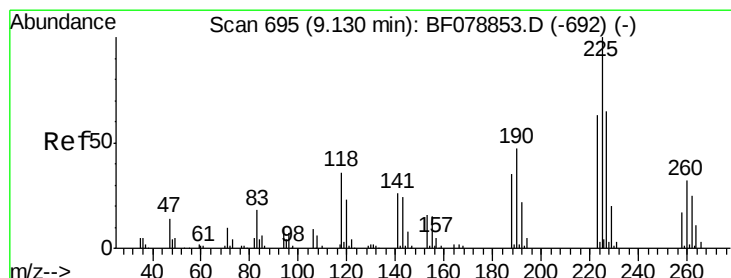
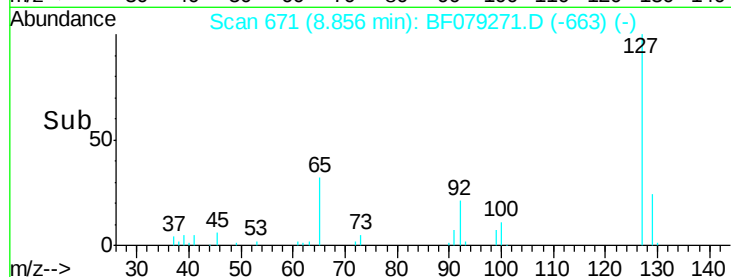
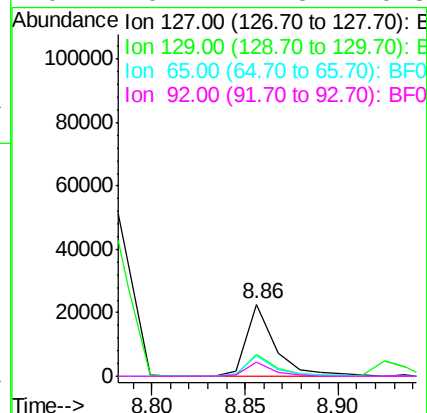
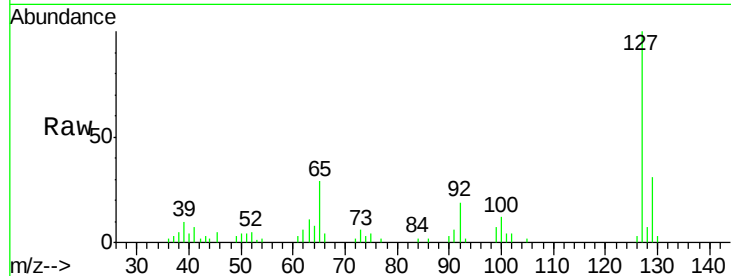
#33
4-Chloroaniline
Concen: 4.54 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		24653		
129	31.0	25.6	38.4		
65	28.9	30.2	45.4		
92	19.1	17.5	26.3		

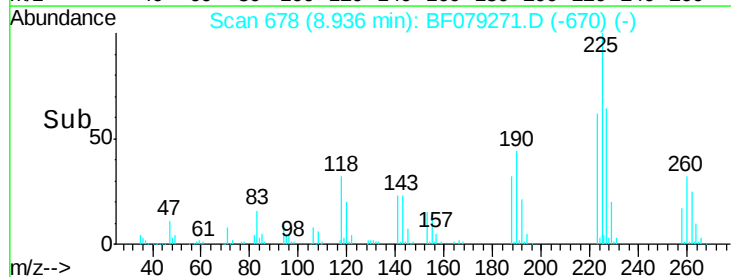
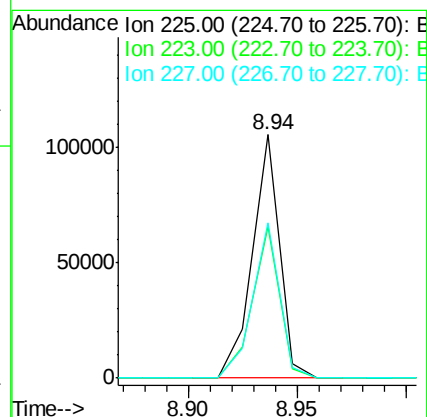
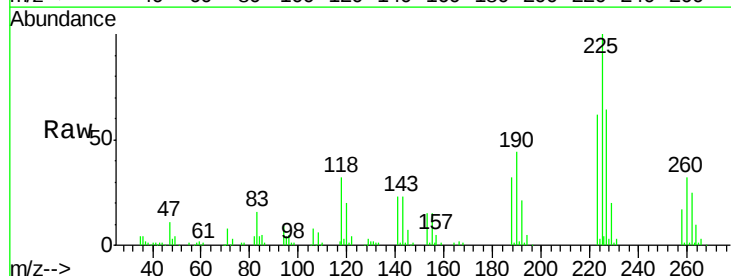
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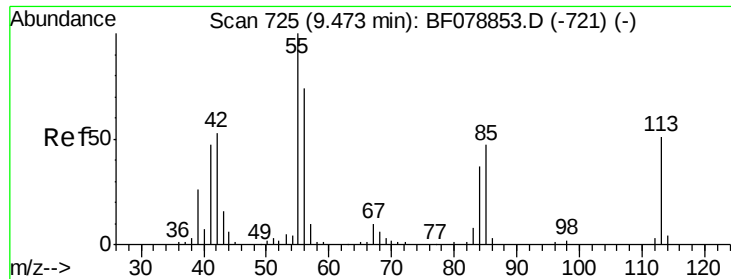
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#34
Hexachlorobutadiene
Concen: 42.23 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		91463		
223	62.0	50.6	75.8		
227	63.8	52.1	78.1		





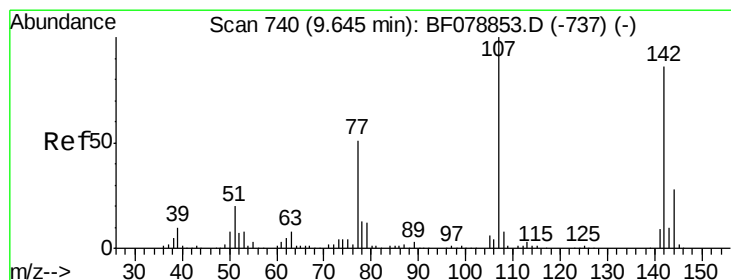
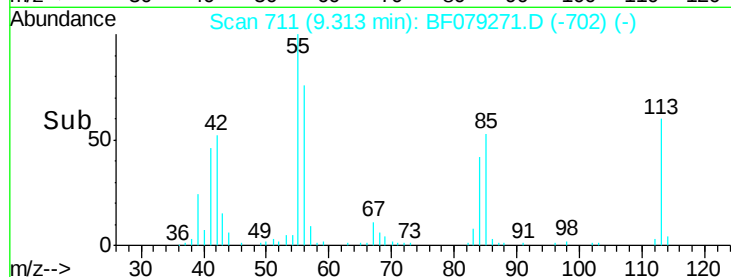
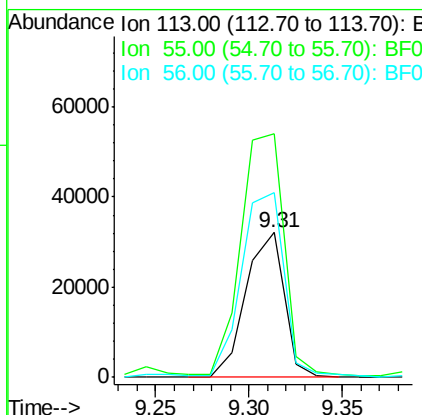
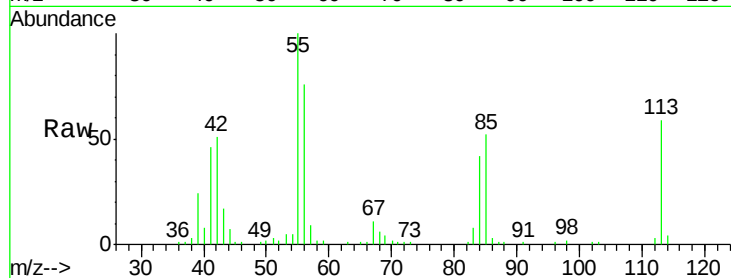
#35
 Caprolactam
 Concen: 41.45 ng
 RT: 9.31 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.5	176.0	216.0#
56	127.8	123.8	163.8

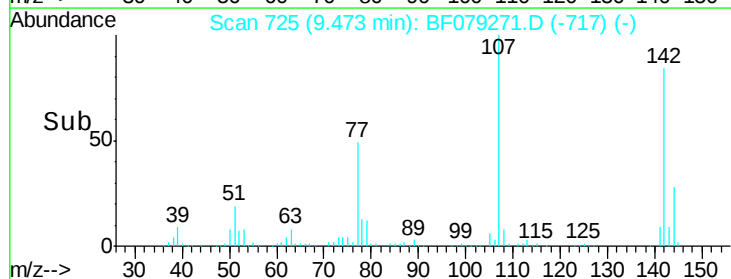
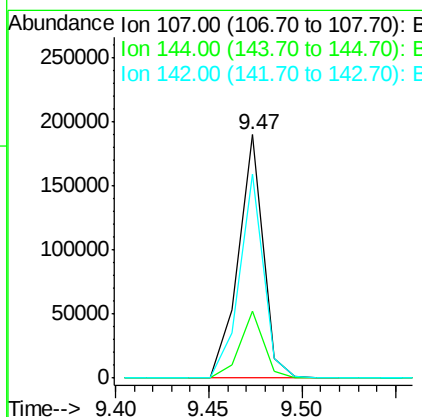
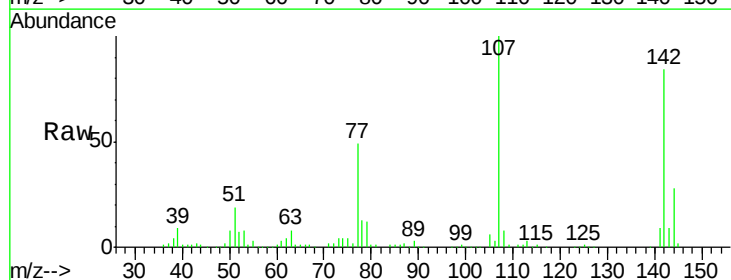
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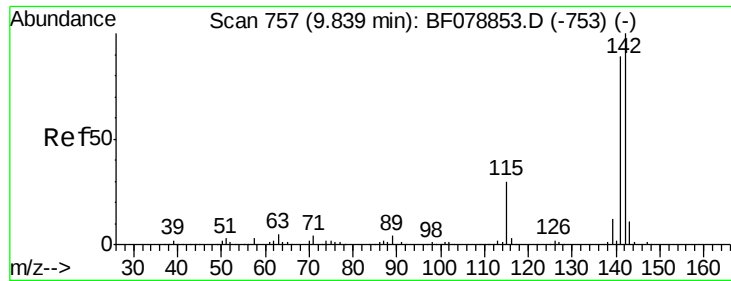
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#36
 4-Chloro-3-methylphenol
 Concen: 49.81 ng
 RT: 9.47 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.5	33.7
142	83.7	68.6	103.0





#37

2-Methylnaphthalene

Concen: 44.46 ng

RT: 9.64 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

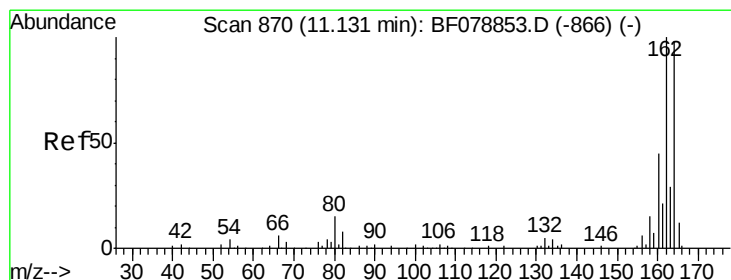
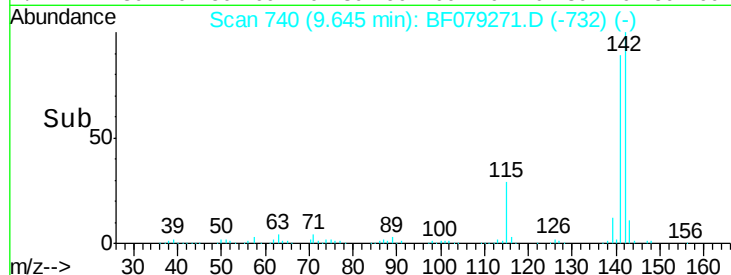
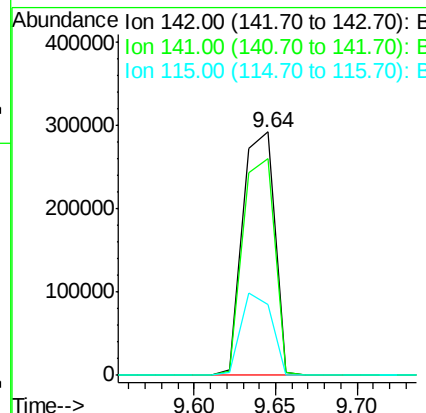
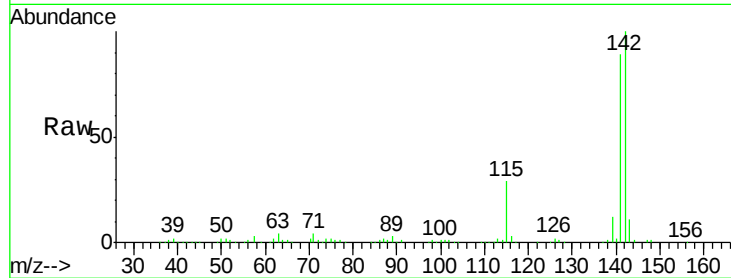
ClientSampleId :

LAR9797-AMS

Tot Ion:	142	Resp:	395665
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.6	107.4
115	29.3	24.2	36.4

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#38

Acenaphthene-d10

Concen: 20.00 ng

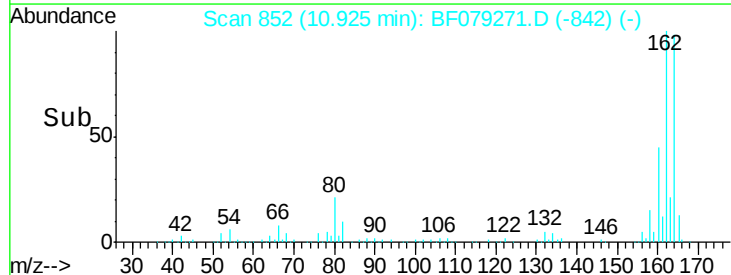
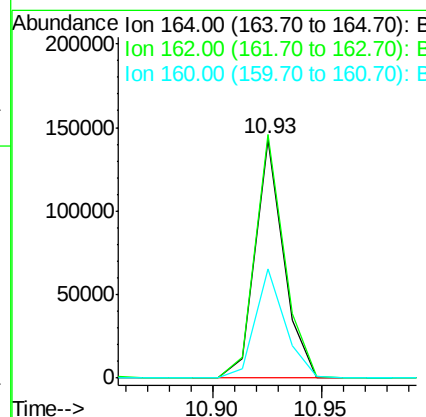
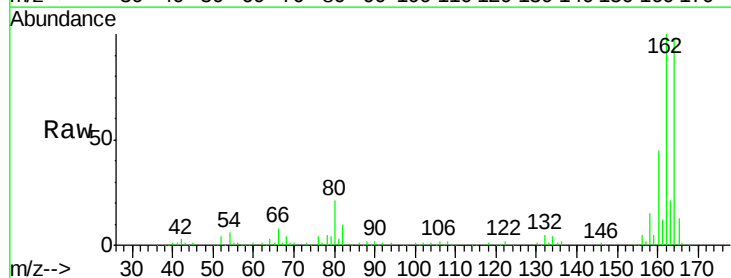
RT: 10.93 min Scan# 852

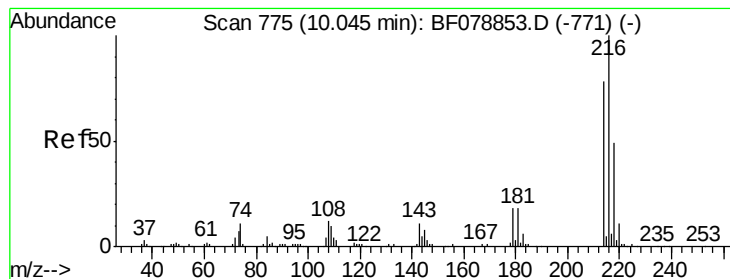
Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:	164	Resp:	130025
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.4	122.0
160	45.9	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.74 ng

RT: 9.85 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF079271.D

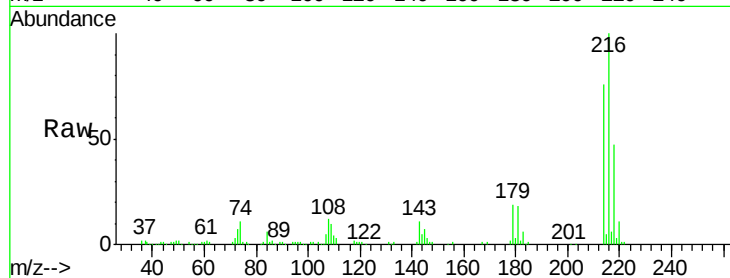
Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS



Tot Ion:216 Resp: 160168

Ion Ratio Lower Upper

216 100

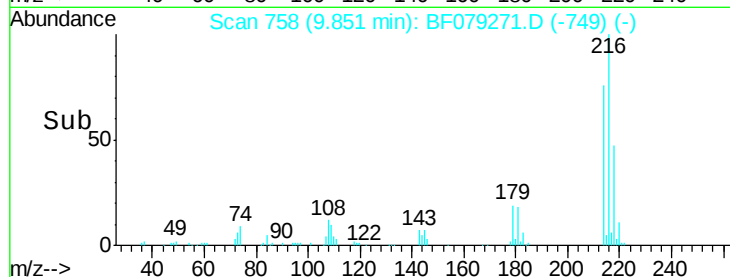
214 78.5 64.0 96.0

179 22.1 17.0 25.4

108 22.7 17.0 25.6

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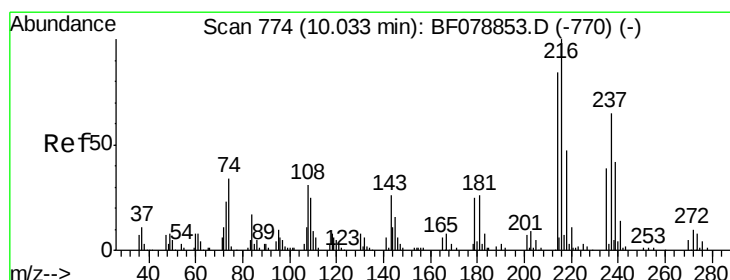
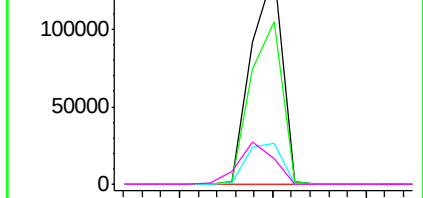


Abundance Ion 216.00 (215.70 to 216.70): E

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

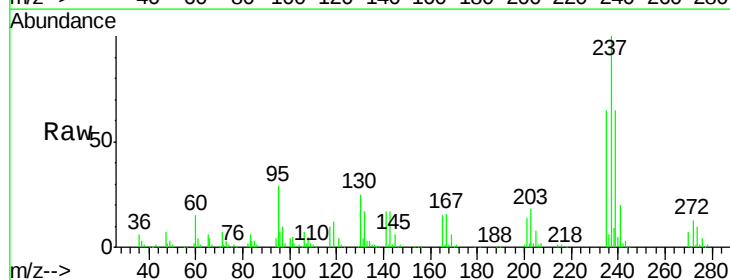
Concen: 79.76 ng

RT: 9.83 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52



Tgt Ion:237 Resp: 146871

Ion Ratio Lower Upper

237 100

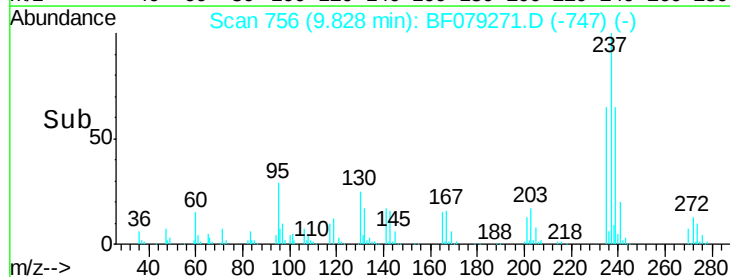
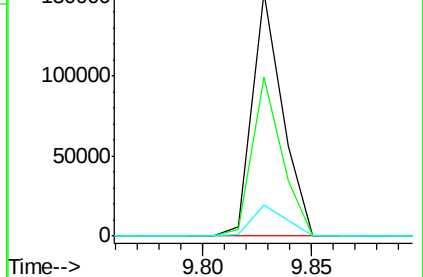
235 65.4 40.0 80.0

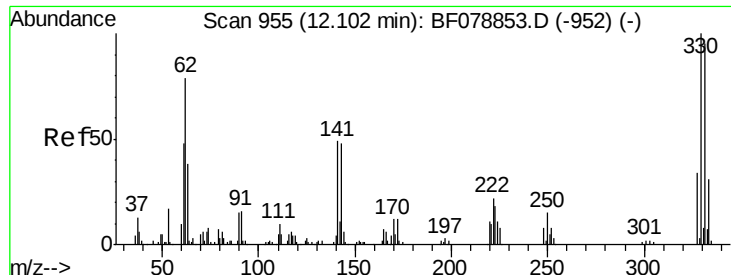
272 12.9 0.0 36.0

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





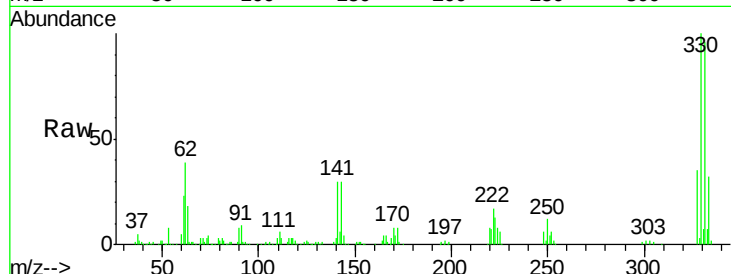
#41
 2,4,6-Tribromophenol
 Concen: 146.20 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

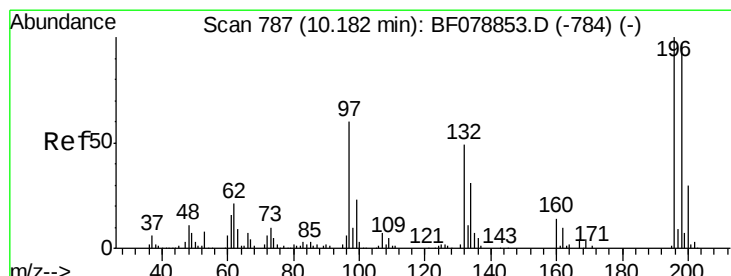
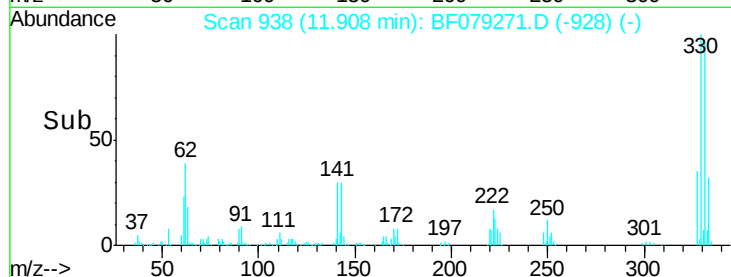
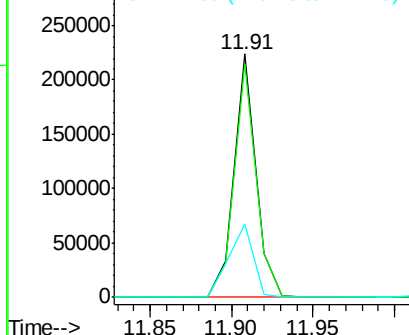
Tot Ion	Ratio	Resp	Lower	Upper
330	100	205650		
332	96.2	76.9	115.3	
141	34.2	27.8	41.8	

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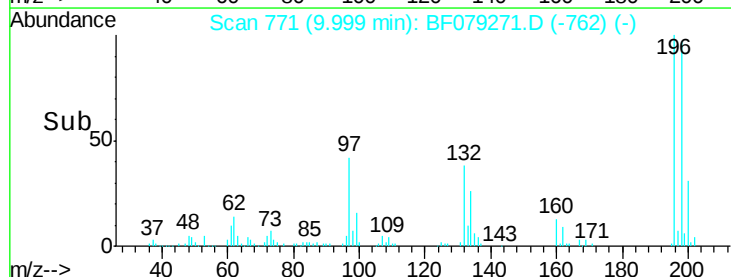
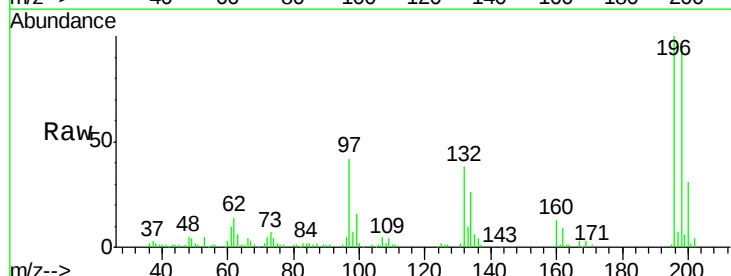
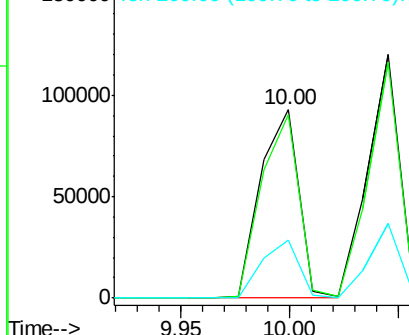
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.31 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114059		
198	97.2	77.4	116.2	
200	31.0	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





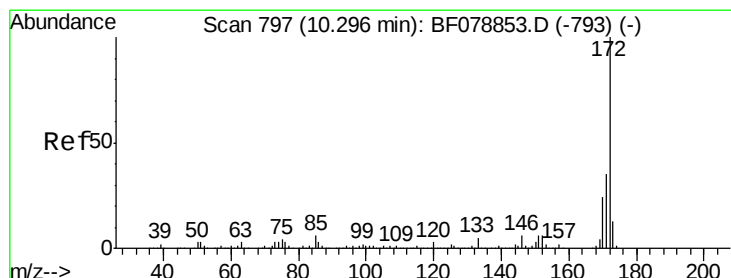
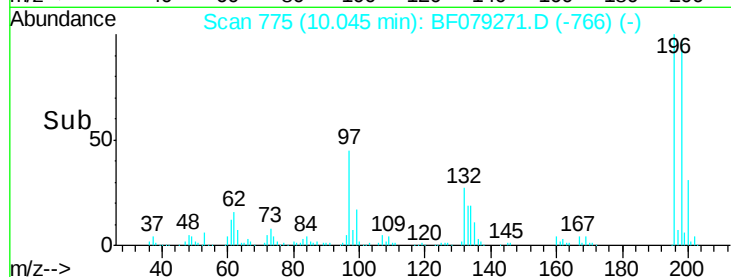
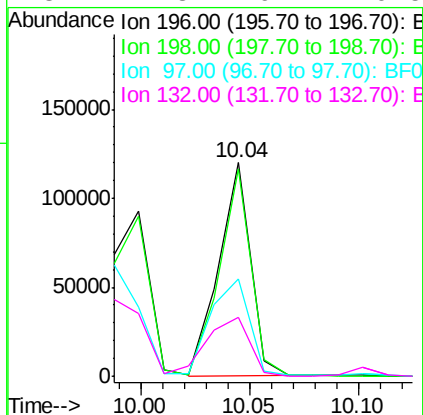
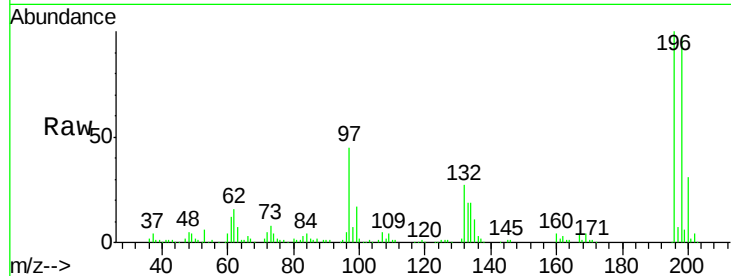
#43
 2,4,5-Trichlorophenol
 Concen: 47.87 ng
 RT: 10.04 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		121844		
198	97.1	77.3	115.9		
97	45.3	31.3	46.9		
132	27.3	19.7	29.5		

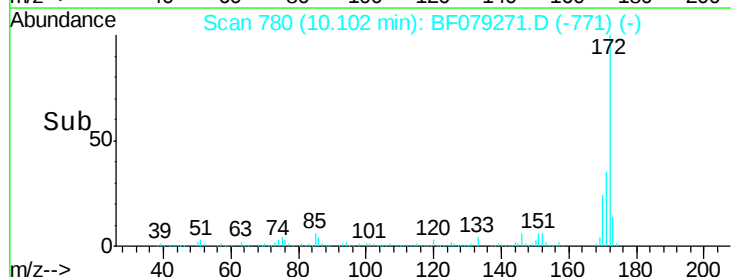
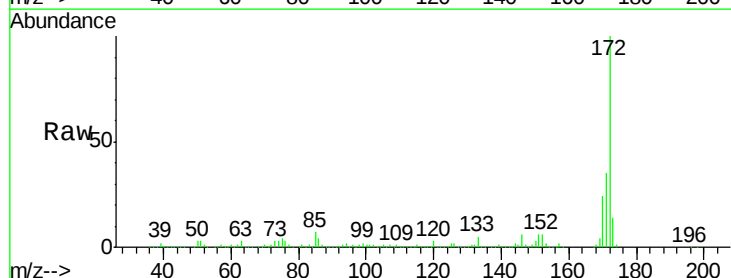
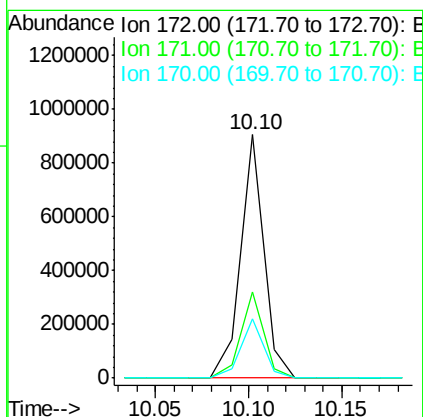
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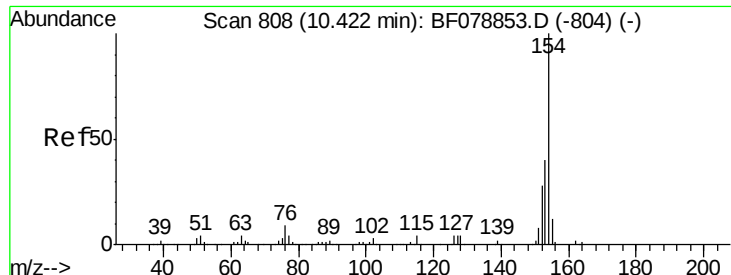
apatel
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#44
 2-Fluorobiphenyl
 Concen: 85.00 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		793328		
171	35.4	28.3	42.5		
170	24.5	19.4	29.2		





#45

1,1'-Biphenyl

Concen: 45.49 ng

RT: 10.23 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

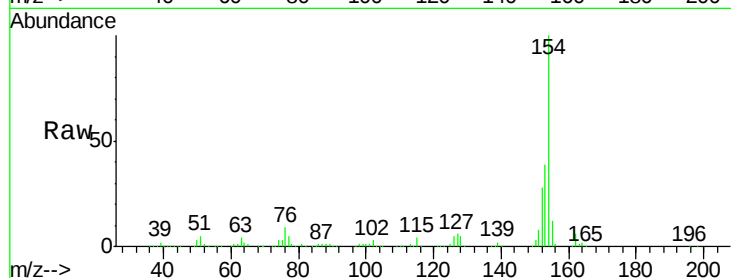
ClientSampleId :

LAR9797-AMS

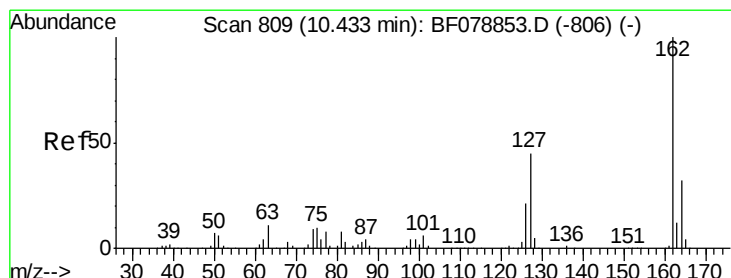
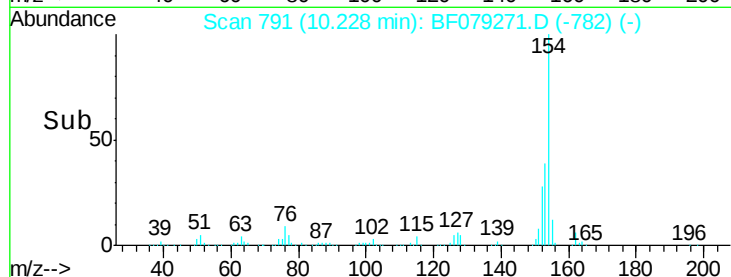
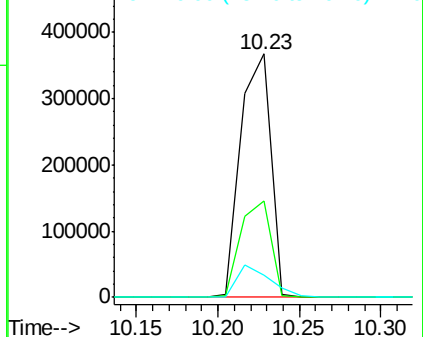
Tot Ion:	154	Resp:	470169
Ion Ratio	Lower	Upper	
154	100		
153	39.4	19.7	59.7
76	9.1	0.0	29.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.26 ng

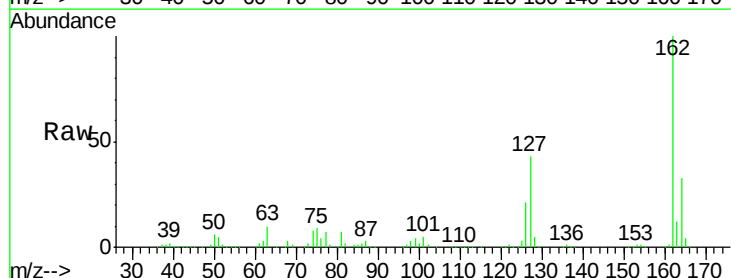
RT: 10.24 min Scan# 792

Delta R.T. 0.00 min

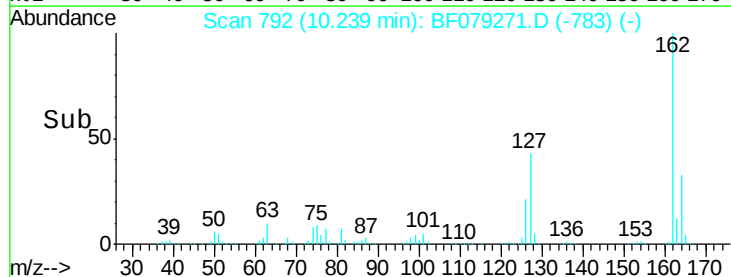
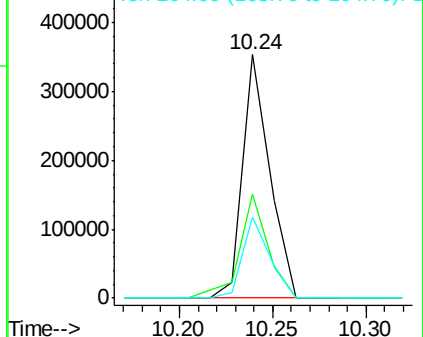
Lab File: BF079271.D

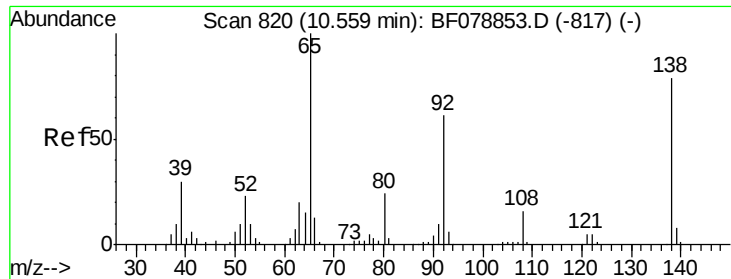
Acq: 15 May 2015 15:52

Tgt Ion:	162	Resp:	356830
Ion Ratio	Lower	Upper	
162	100		
127	42.9	36.3	54.5
164	33.1	25.9	38.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





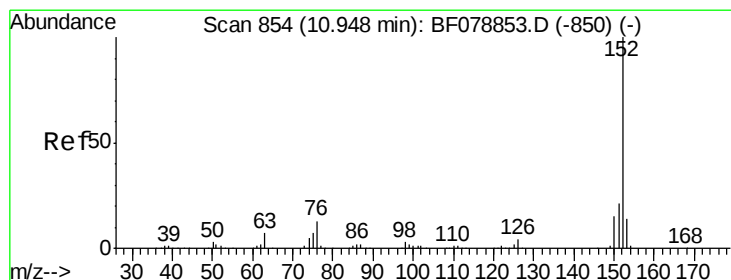
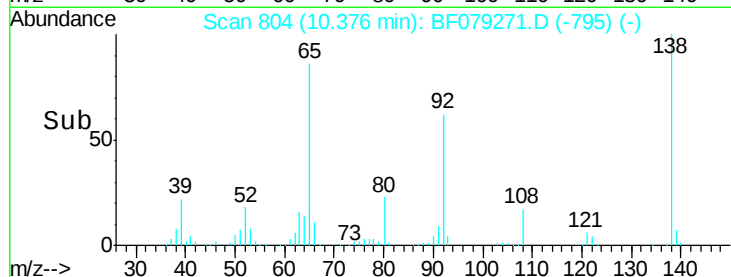
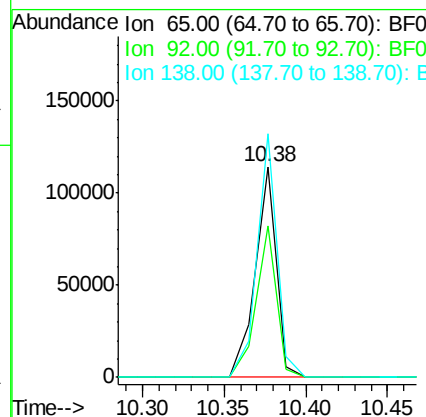
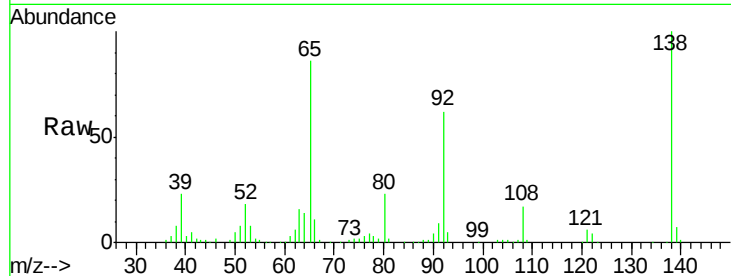
#47
2-Nitroaniline
Concen: 43.79 ng
RT: 10.38 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	49.1	73.7
138	115.7	63.2	94.8

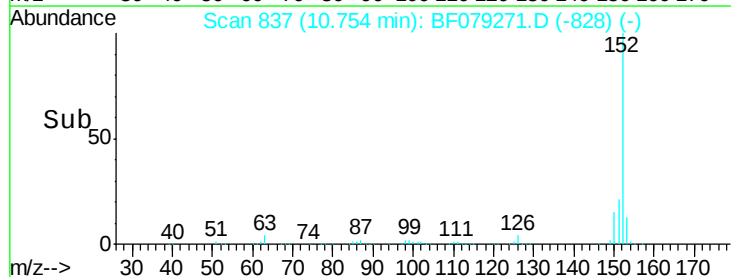
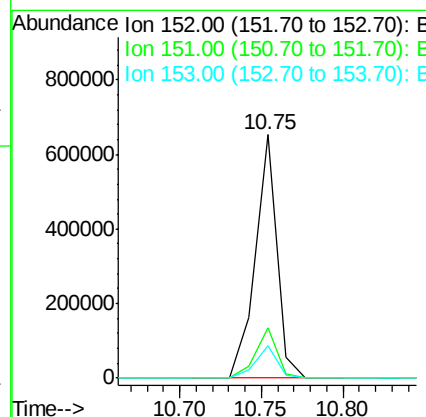
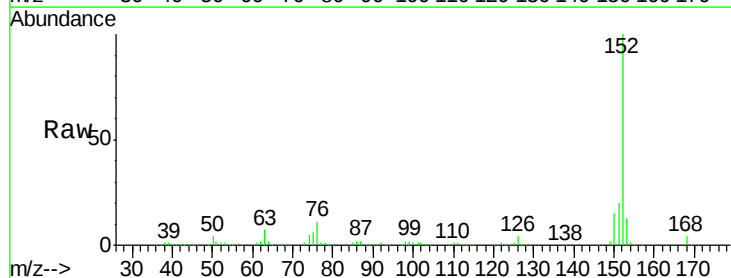
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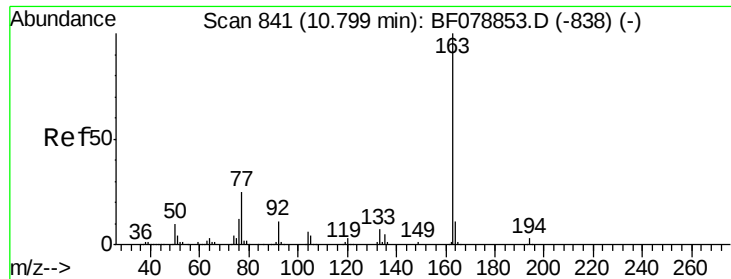
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#48
Acenaphthylene
Concen: 45.27 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	13.4	11.0	16.6





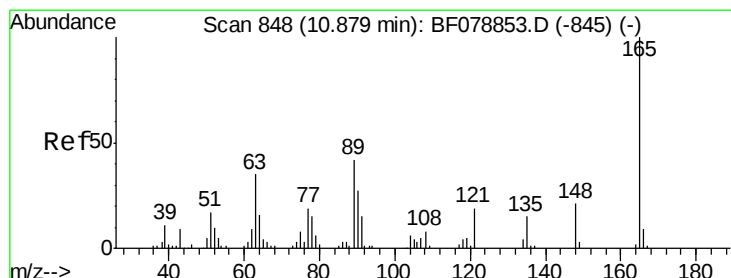
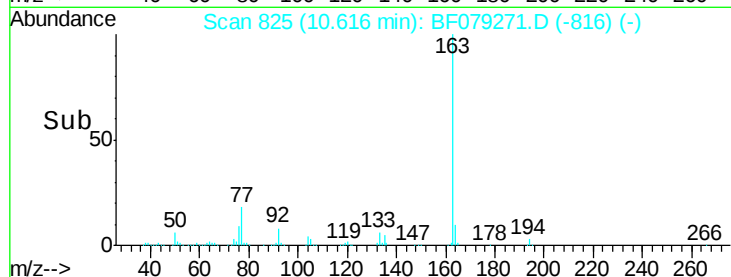
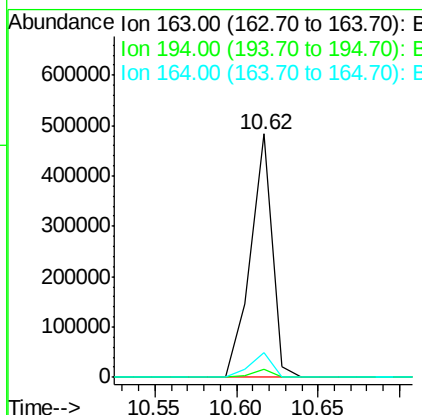
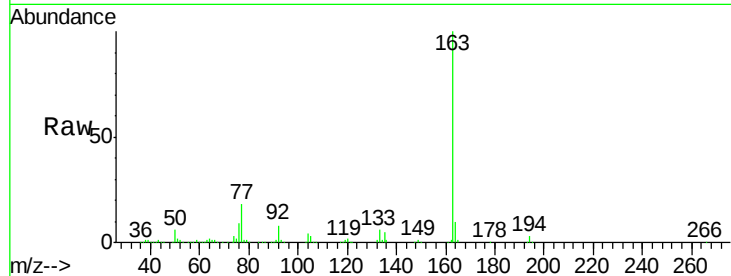
#49
Dimethylphthalate
Concen: 46.99 ng
RT: 10.62 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	448445		
194	3.3	2.4	3.6	
164	10.1	8.6	12.8	

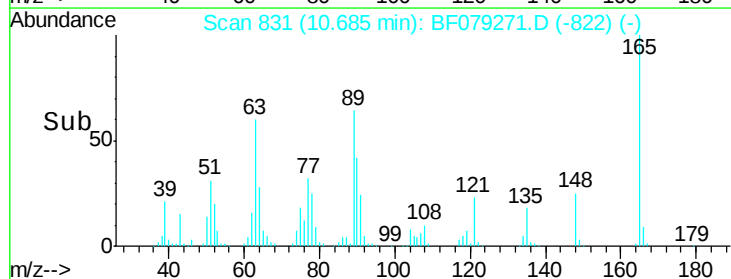
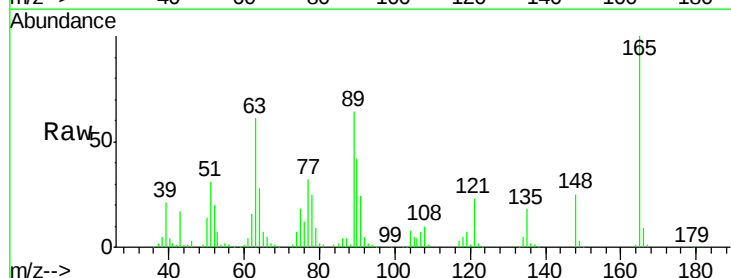
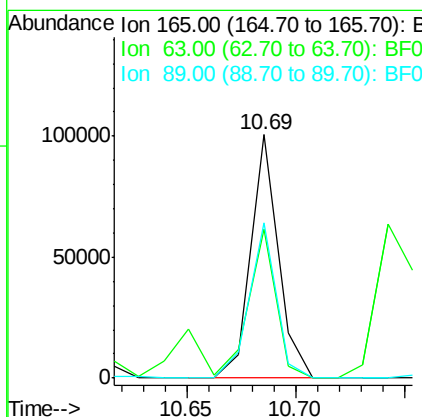
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#50
2,6-Dinitrotoluene
Concen: 46.93 ng
RT: 10.69 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	88377		
63	61.0	29.2	43.8#	
89	63.6	33.3	49.9#	





#51

Acenaphthene

Concen: 44.68 ng

RT: 10.97 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

Tot Ion:154 Resp: 352748

Ion Ratio Lower Upper

154 100

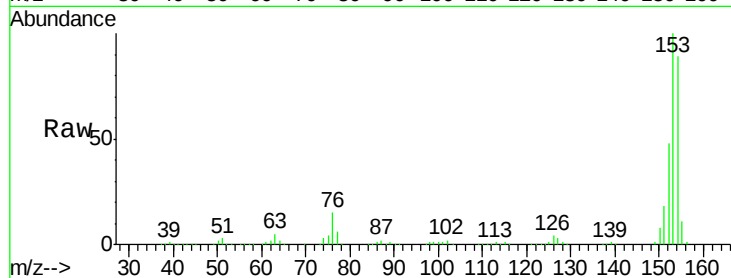
153 112.7 90.2 135.2

152 54.5 43.8 65.8

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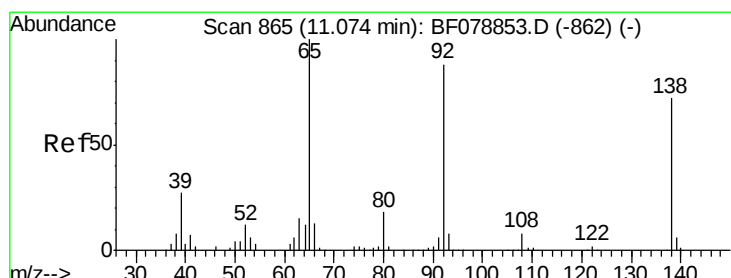
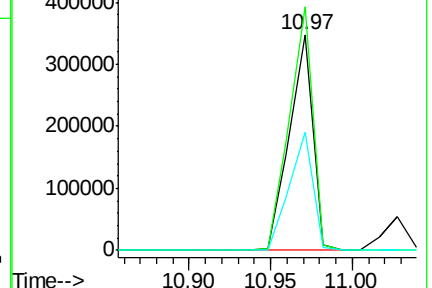
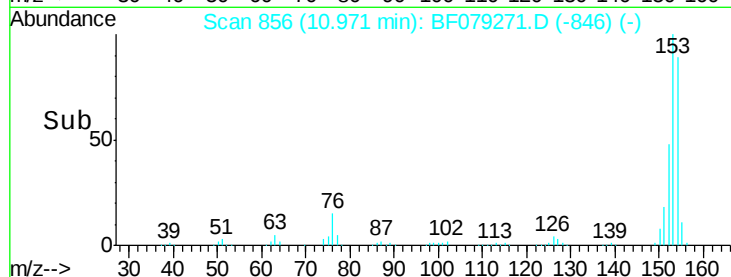
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 6.09 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

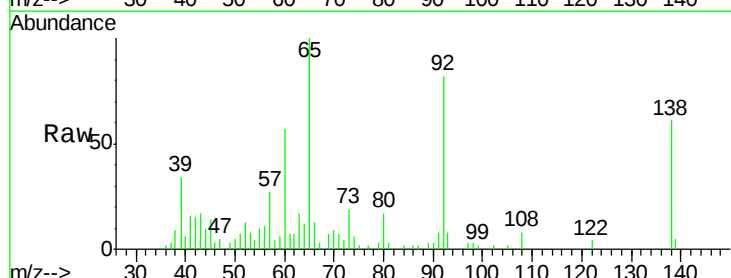
Tgt Ion:138 Resp: 14323

Ion Ratio Lower Upper

138 100

108 13.2 8.5 12.7#

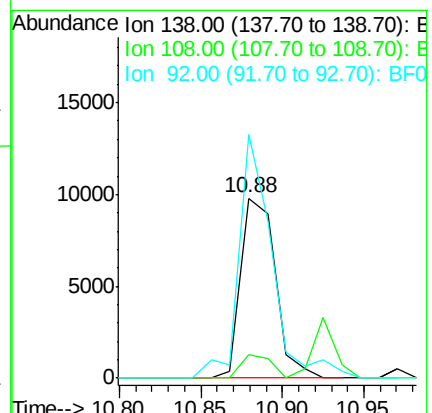
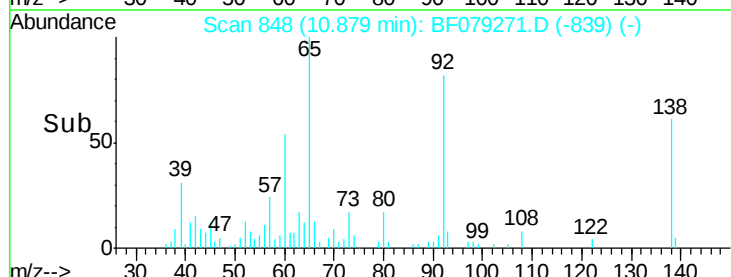
92 135.5 97.4 146.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





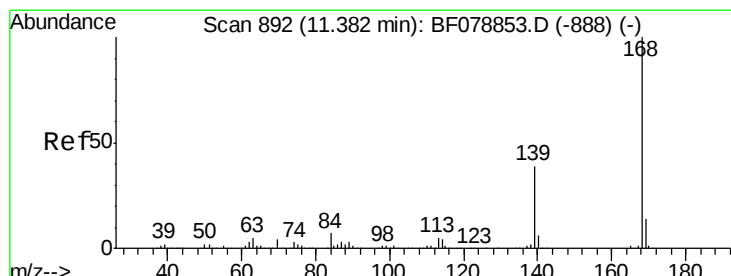
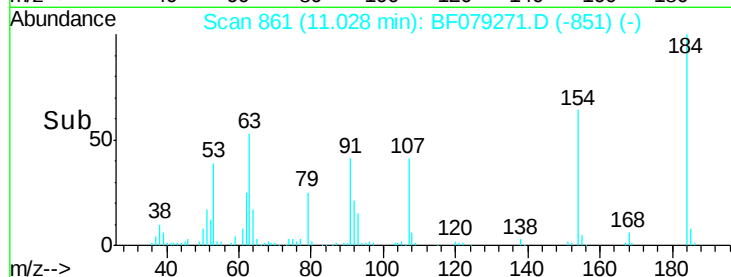
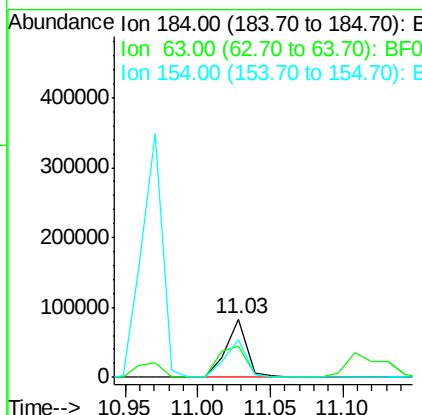
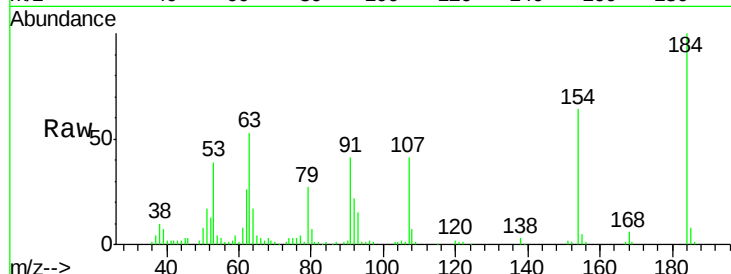
#53
2,4-Dinitrophenol
Concen: 93.78 ng
RT: 11.03 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.8	98.8	148.2#
154	64.1	63.4	95.0

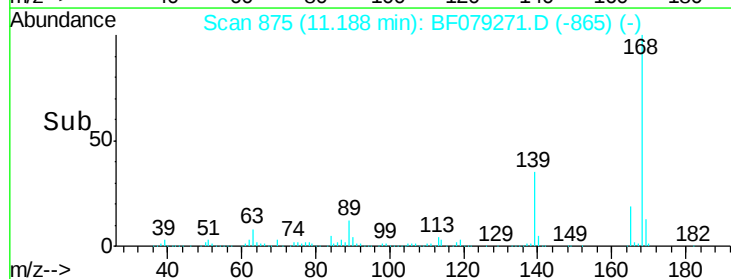
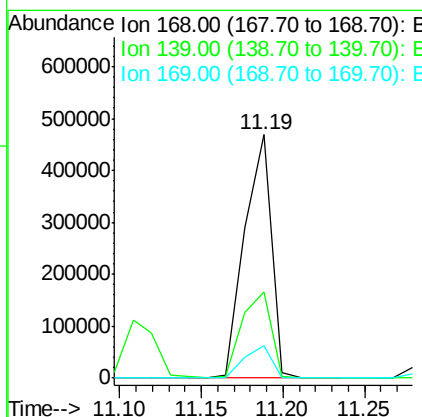
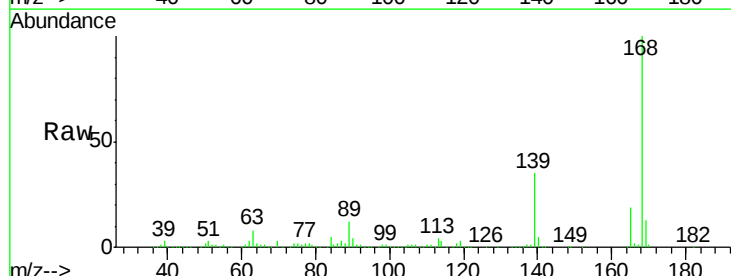
Manual Integrations
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#54
Dibenzofuran
Concen: 46.66 ng
RT: 11.19 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.4	31.5	47.3
169	13.1	11.0	16.4





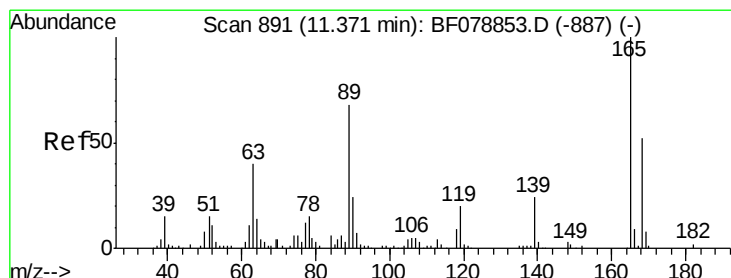
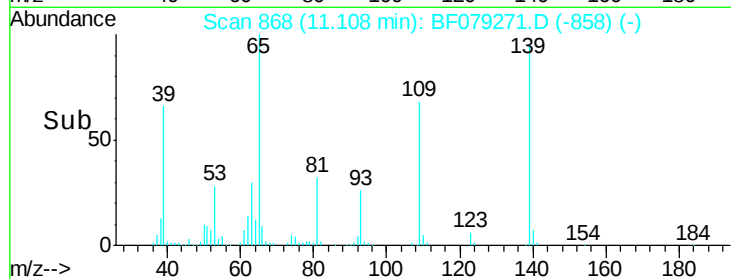
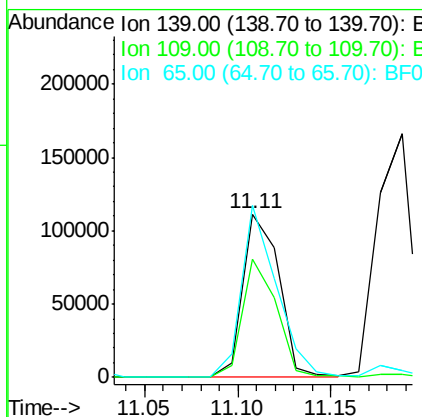
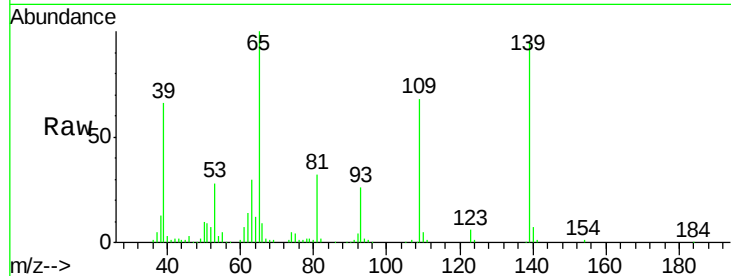
#55
4-Nitrophenol
Concen: 81.09 ng
RT: 11.11 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.0	54.4	94.4	
65	105.3	101.0	141.0	

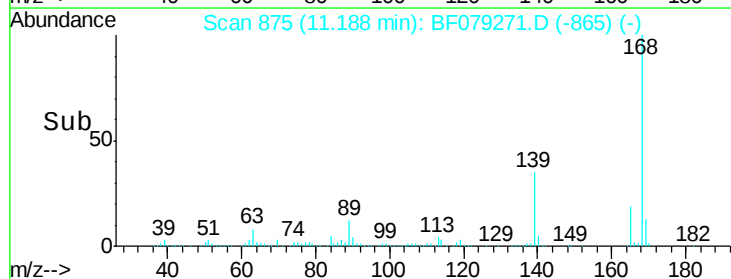
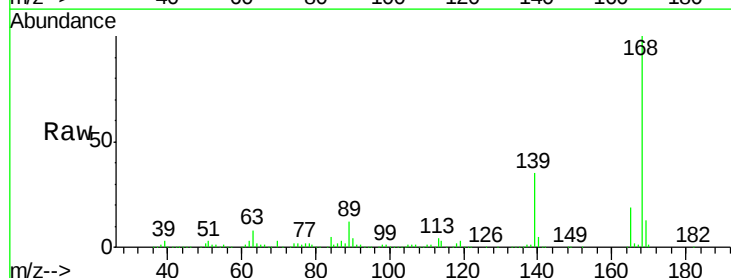
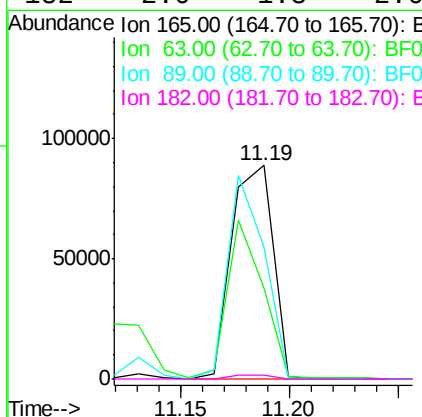
Manual Integrations
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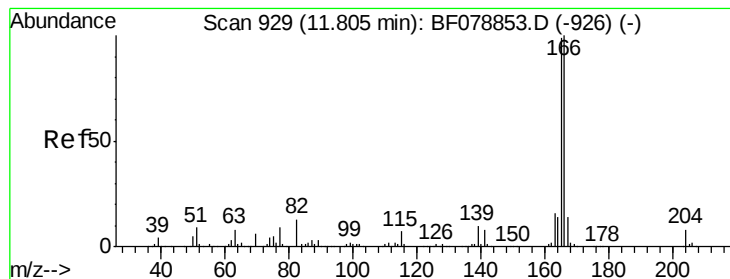
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#56
2,4-Dinitrotoluene
Concen: 47.40 ng
RT: 11.19 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.3	32.3	48.5	
89	61.8	54.6	81.8	
182	2.0	1.8	2.6	





#57

Fluorene

Concen: 45.99 ng

RT: 11.61 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

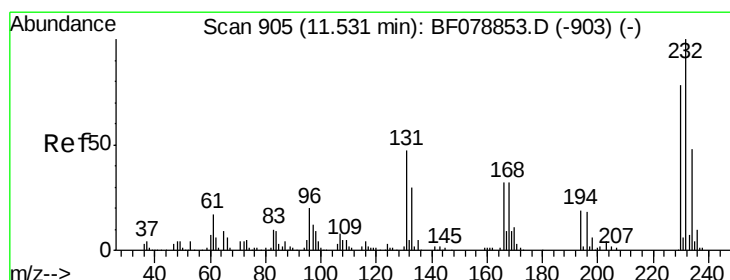
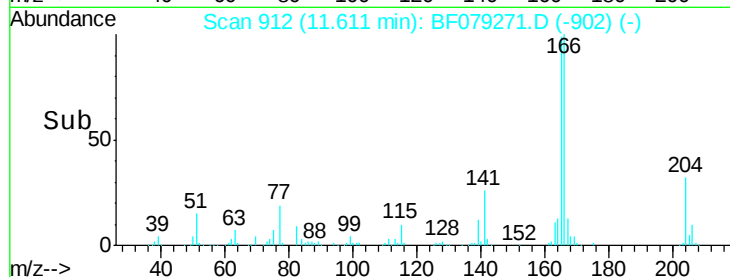
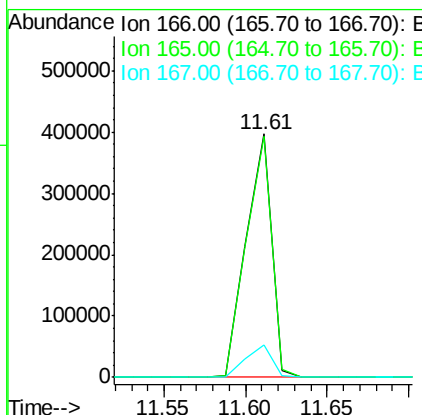
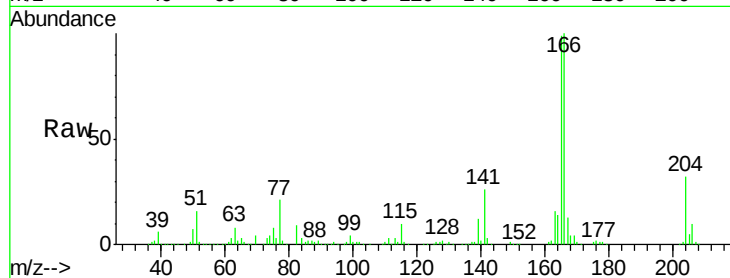
ClientSampleId :

LAR9797-AMS

Tot Ion:	166	Resp:	430451
Ion Ratio		Lower	Upper
166	100		
165	99.1	79.5	119.3
167	13.4	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.57 ng

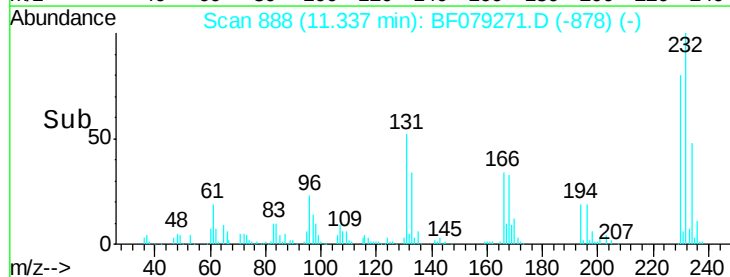
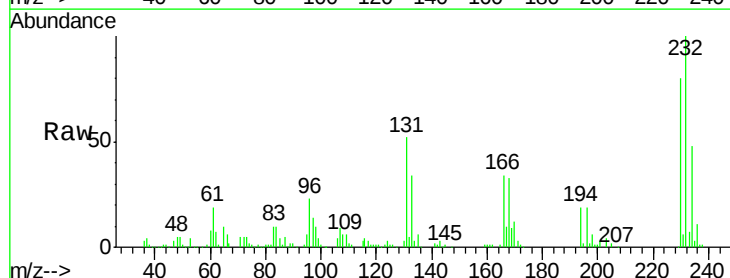
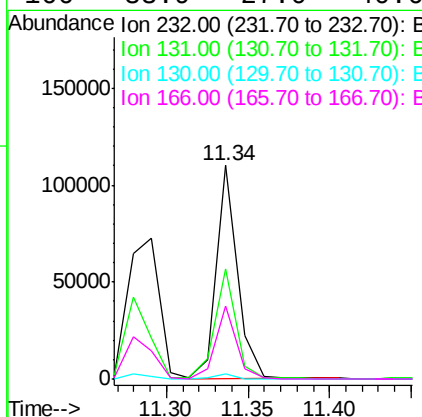
RT: 11.34 min Scan# 888

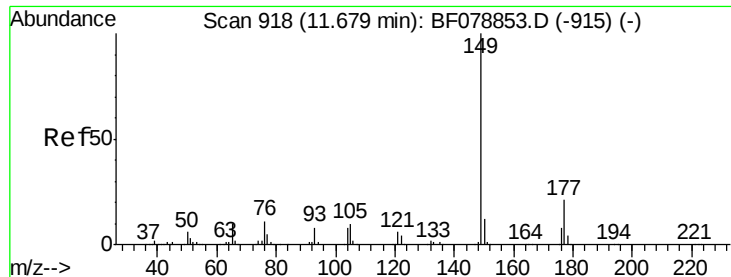
Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:	232	Resp:	98940
Ion Ratio		Lower	Upper
232	100		
131	53.1	41.9	62.9
130	2.4	1.9	2.9
166	33.9	27.0	40.6





#59

Diethylphthalate

Concen: 45.72 ng

RT: 11.49 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

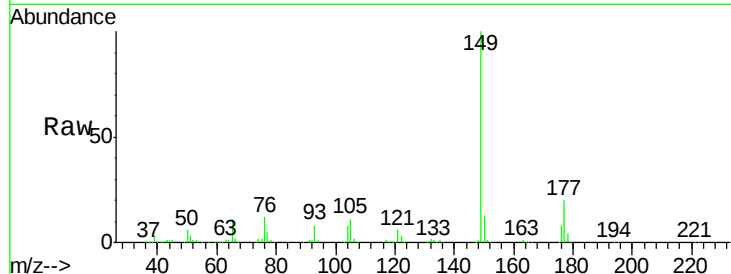
ClientSampleId :

LAR9797-AMS

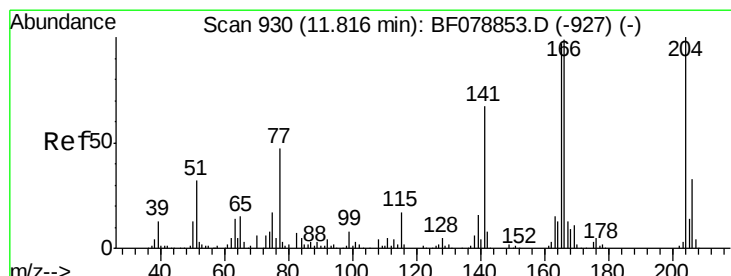
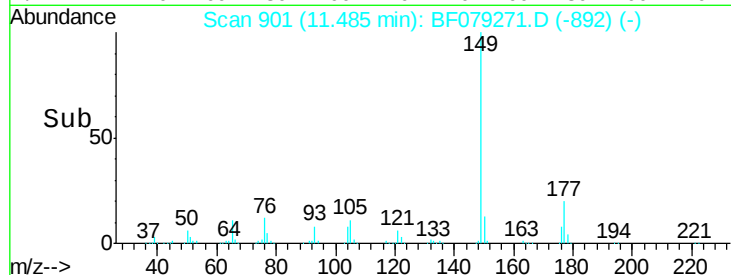
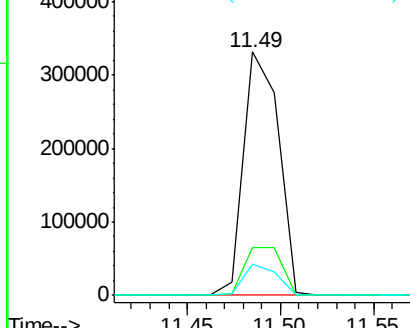
Tot Ion:	149	Resp:	432279
Ion Ratio	Lower	Upper	
149	100		
177	19.6	16.4	24.6
150	12.7	9.8	14.6

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



#60

4-Chlorophenyl-phenylether

Concen: 45.24 ng

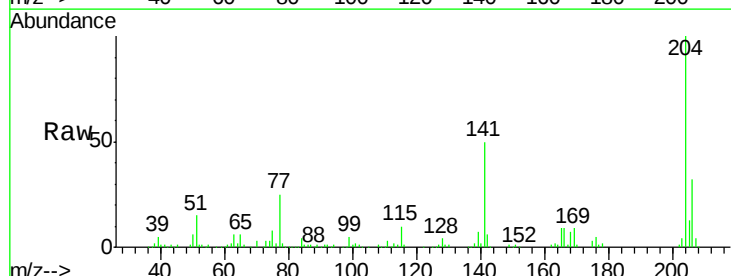
RT: 11.62 min Scan# 913

Delta R.T. 0.00 min

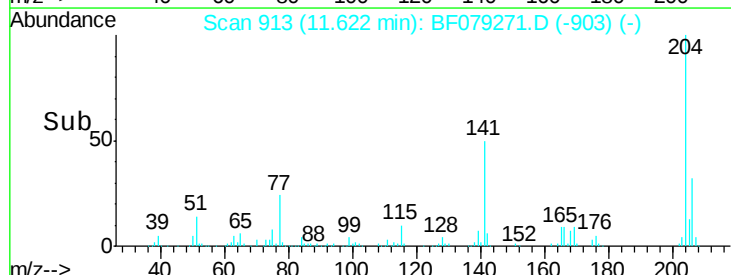
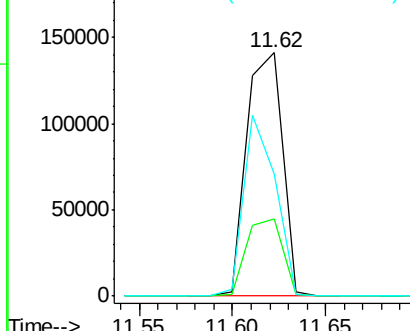
Lab File: BF079271.D

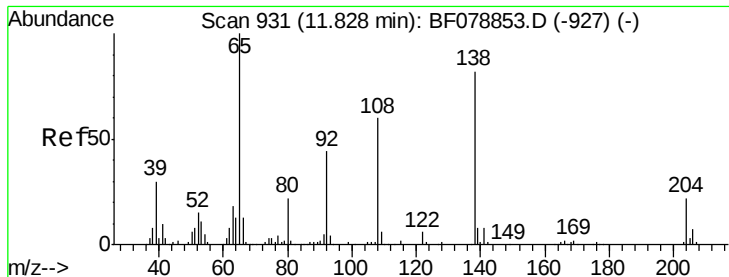
Acq: 15 May 2015 15:52

Tgt Ion:	204	Resp:	187848
Ion Ratio	Lower	Upper	
204	100		
206	31.9	26.2	39.4
141	50.0	53.6	80.4#



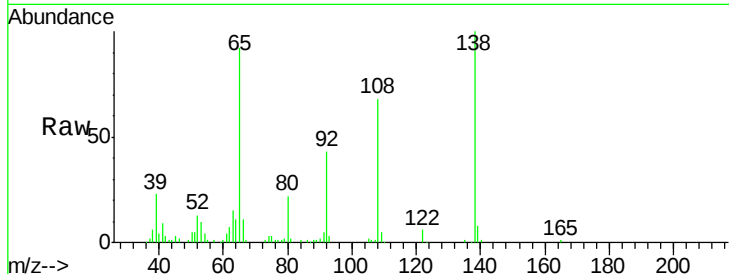
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61
4-Nitroaniline
Concen: 38.40 ng
RT: 11.65 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

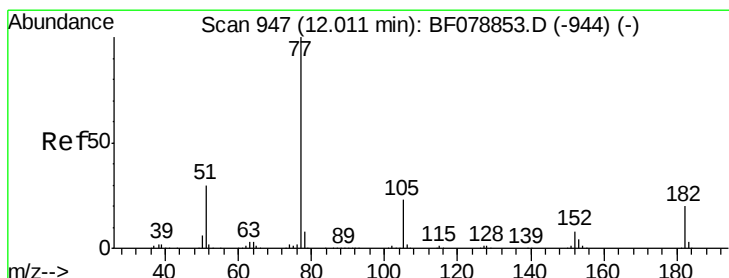
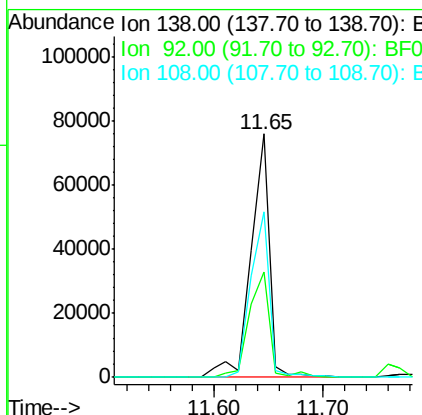
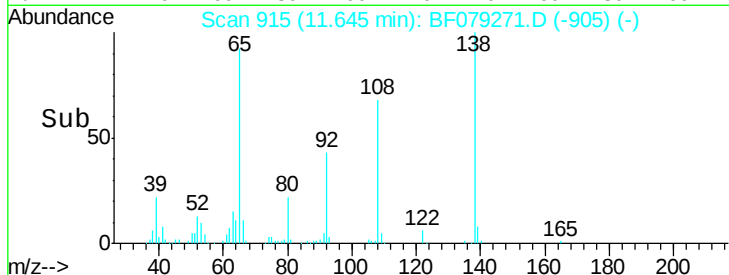
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS



Tot Ion	Ratio	Lower	Upper
138	100		
92	43.2	33.7	73.7
108	67.7	53.4	93.4

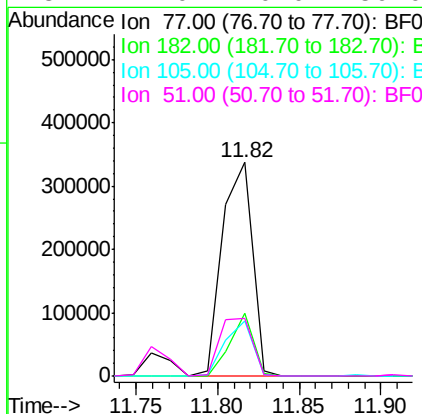
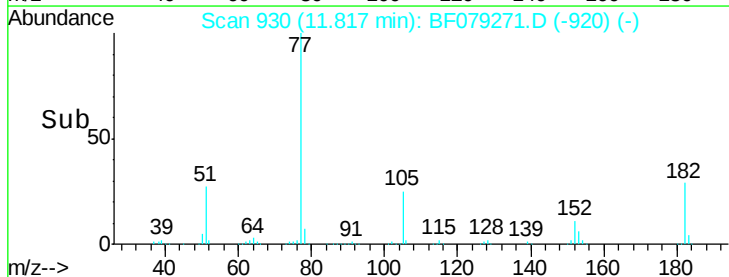
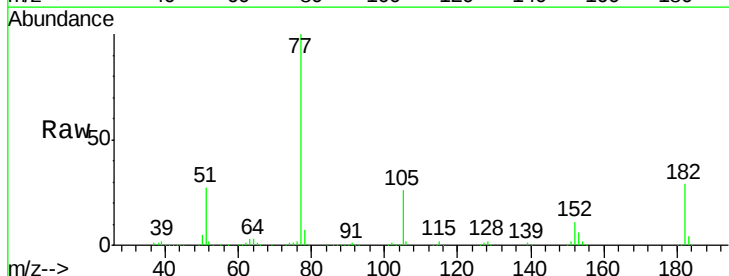
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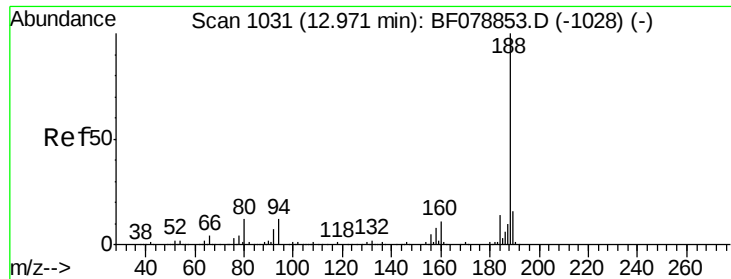
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#62
Azobenzene
Concen: 45.84 ng
RT: 11.82 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.3	0.0	40.0
105	25.5	2.9	42.9
51	27.0	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: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

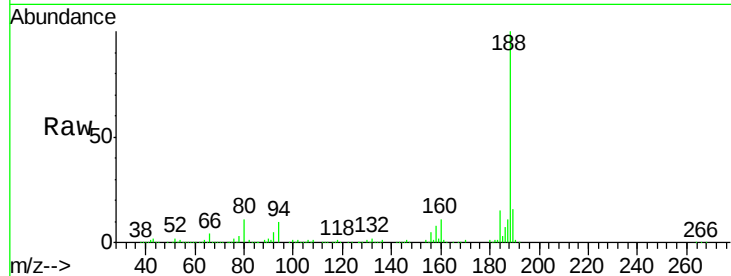
ClientSampleId :

LAR9797-AMS

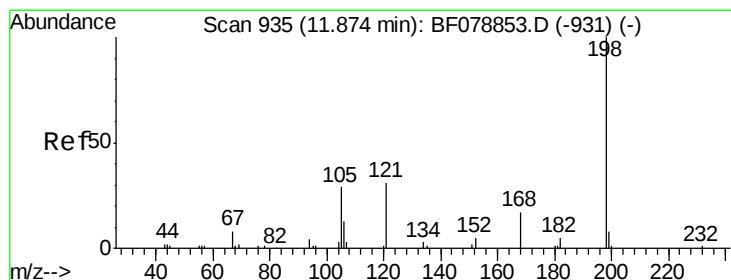
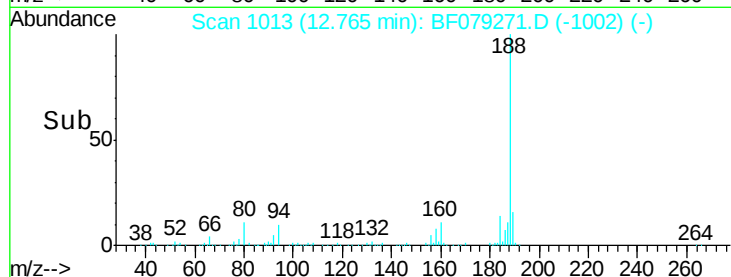
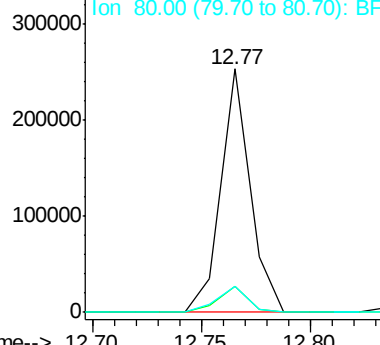
Tot Ion:	188	Resp:	238225
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.0
80	10.9	9.8	14.6

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 52.80 ng

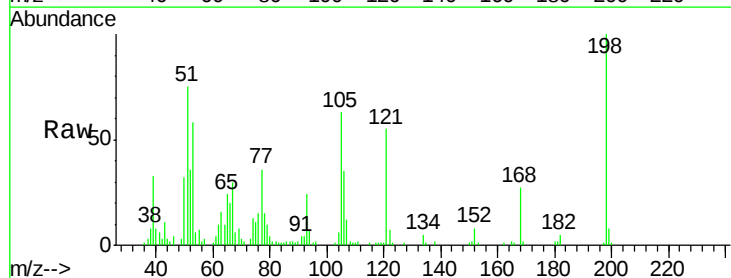
RT: 11.68 min Scan# 918

Delta R.T. -0.01 min

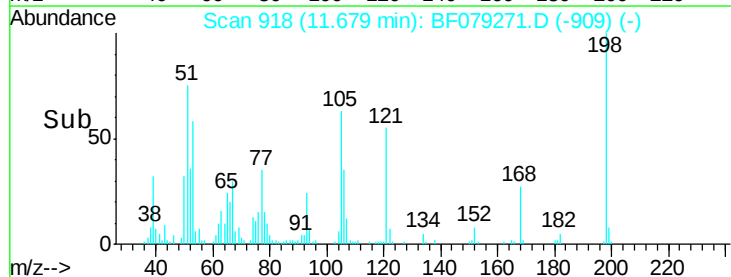
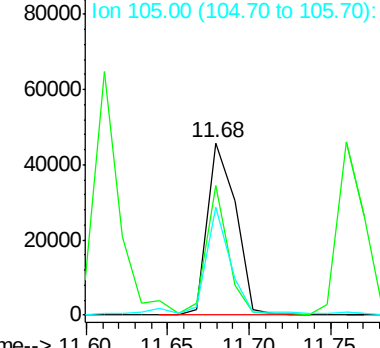
Lab File: BF079271.D

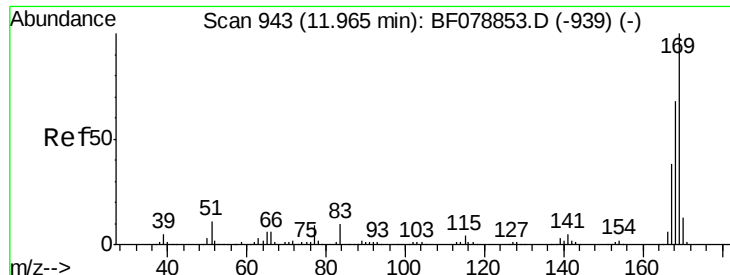
Acq: 15 May 2015 15:52

Tgt Ion:	198	Resp:	54607
Ion Ratio	Lower	Upper	
198	100		
51	75.4	7.0	47.0#
105	62.9	13.7	53.7#



Abundance Ion 198.00 (197.70 to 198.70): E





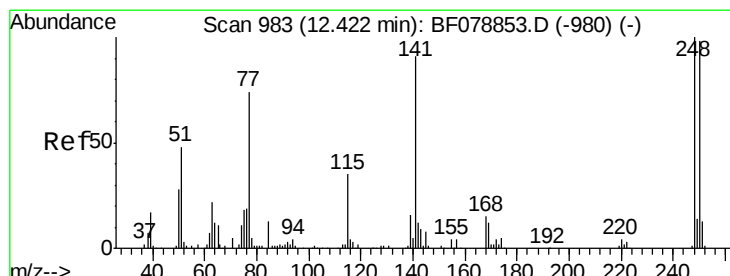
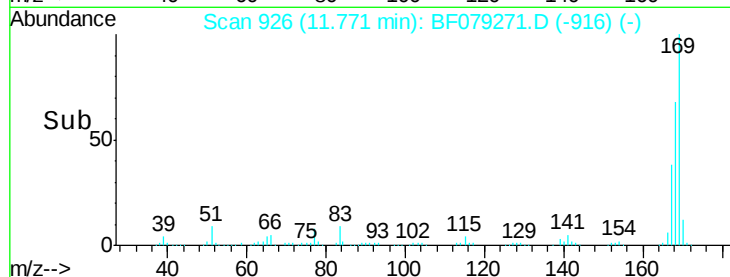
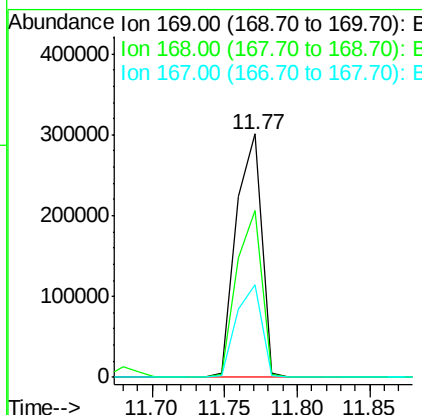
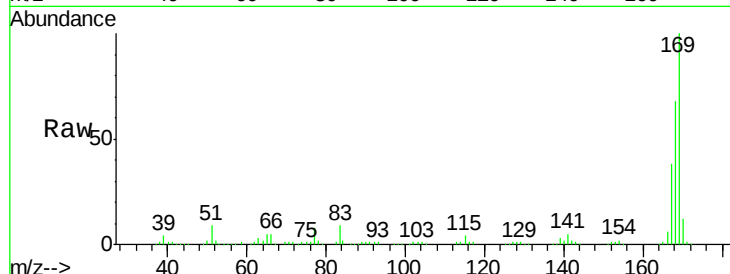
#65
n-Nitrosodiphenylamine
Concen: 46.27 ng
RT: 11.77 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	367053		
168	68.4		54.1	81.1
167	38.2		30.1	45.1

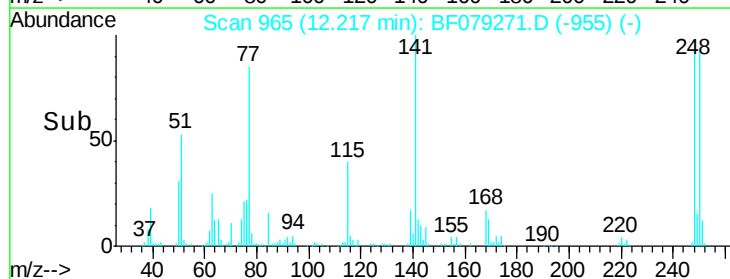
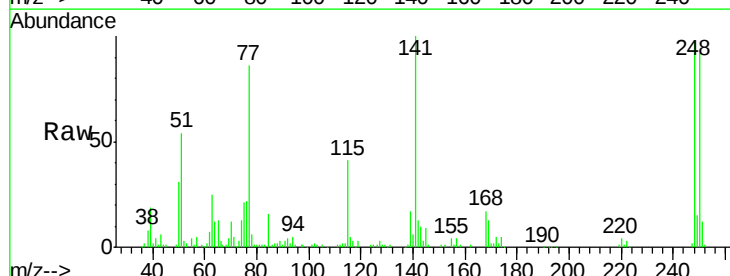
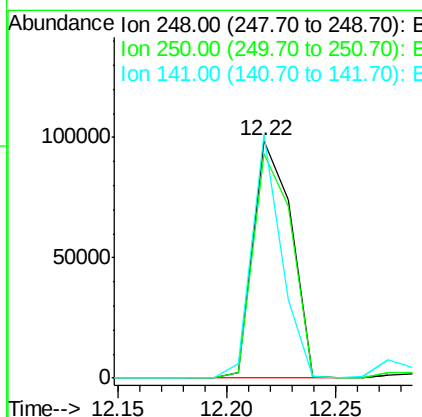
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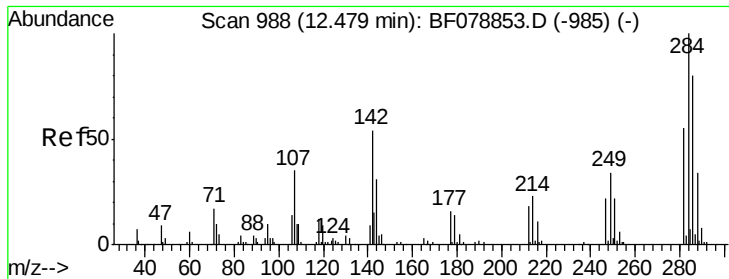
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#66
4-Bromophenyl-phenylether
Concen: 48.63 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	120753		
250	94.3		78.0	117.0
141	102.6		72.6	109.0





#67

Hexachlorobenzene

Concen: 47.47 ng

RT: 12.29 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

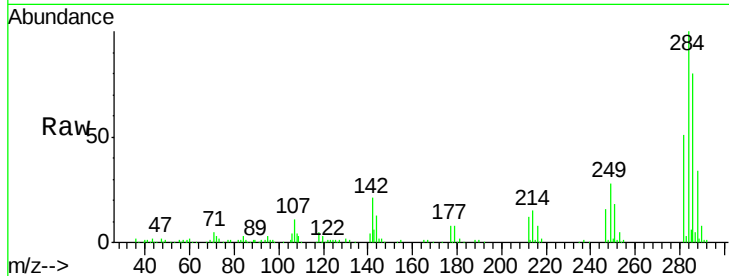
ClientSampleId :

LAR9797-AMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	134713		
142	21.4	43.2	64.8#	
249	28.0	27.5	41.3	

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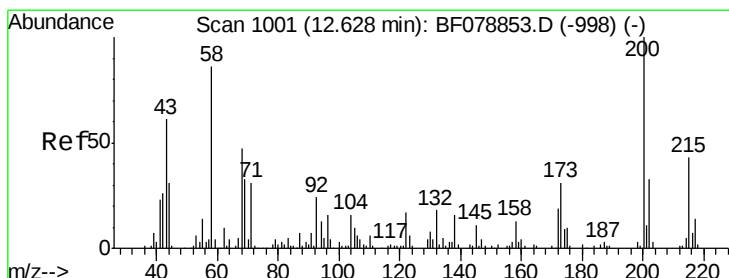
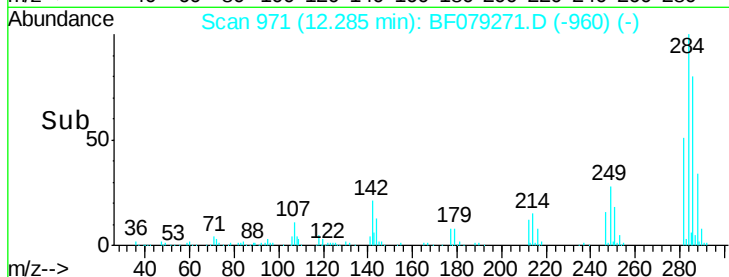
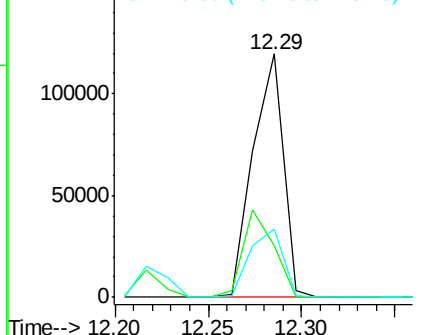
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.84 ng

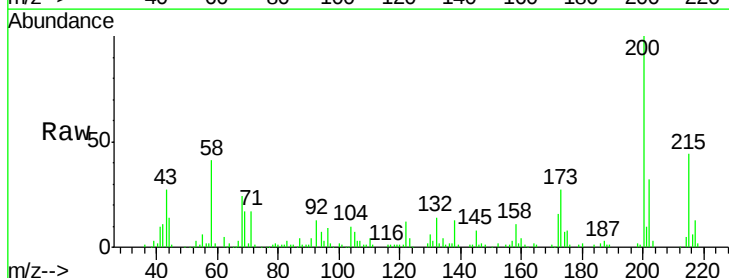
RT: 12.45 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

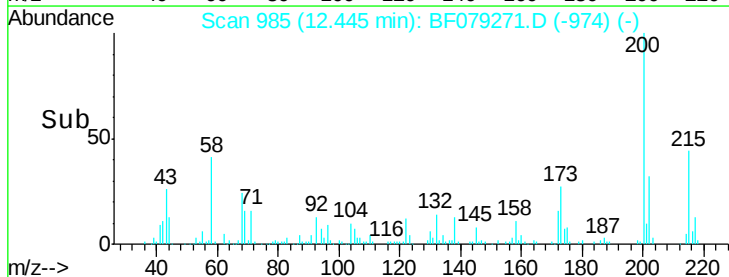
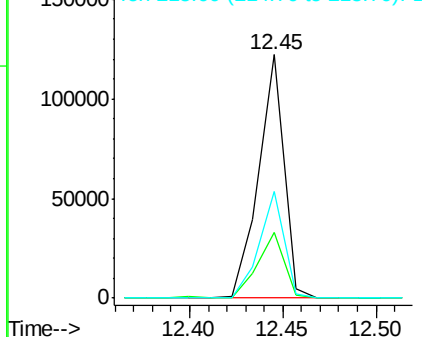
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	114995		
173	27.0	10.9	50.9	
215	43.9	23.2	63.2	

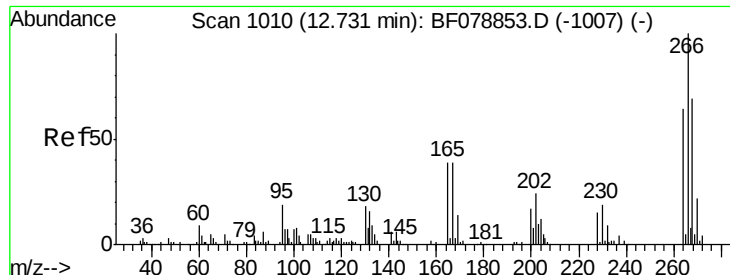


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





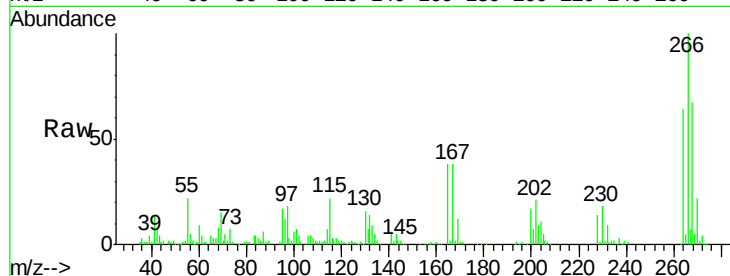
#69
 Pentachlorophenol
 Concen: 87.69 ng
 RT: 12.54 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

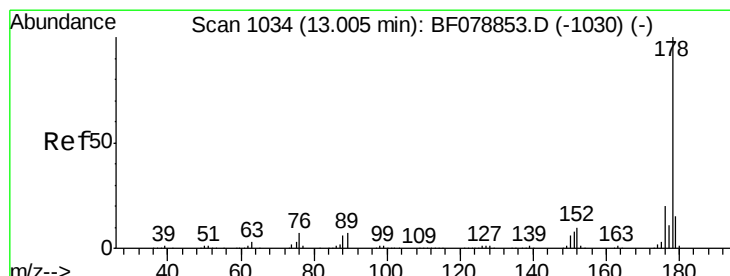
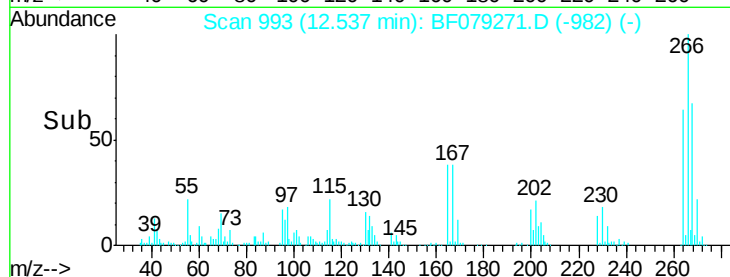
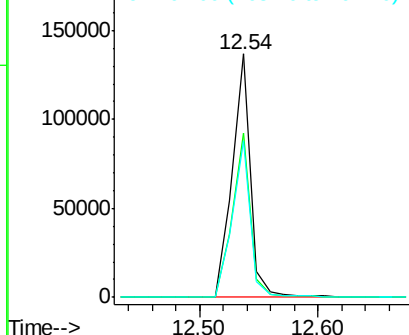
Tot Ion	Ratio	Resp	Lower	Upper
266	100	146799		
268	67.4	55.0	82.6	
264	64.4	50.9	76.3	

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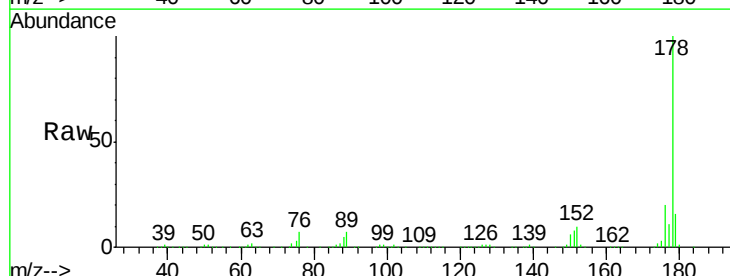


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

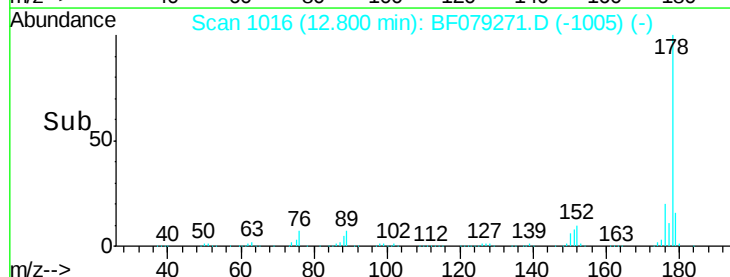
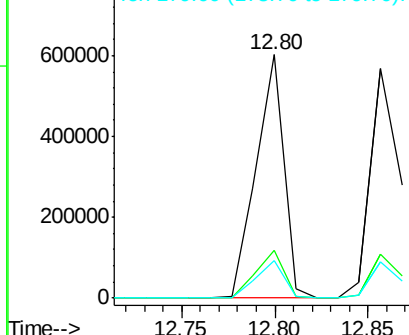


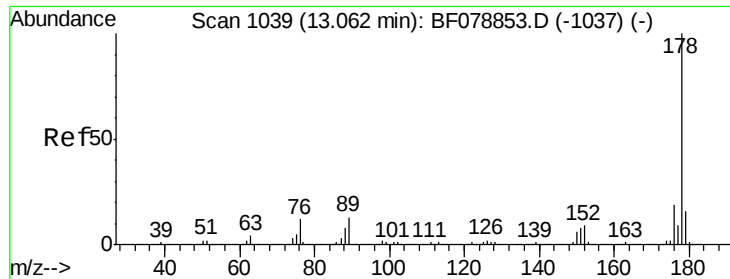
#70
 Phenanthrene
 Concen: 46.44 ng
 RT: 12.80 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	618885		
176	19.8	15.9	23.9	
179	15.5	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





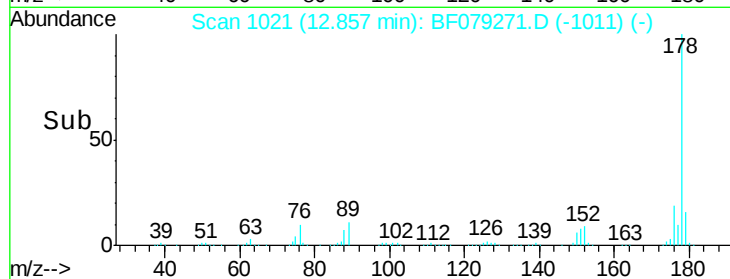
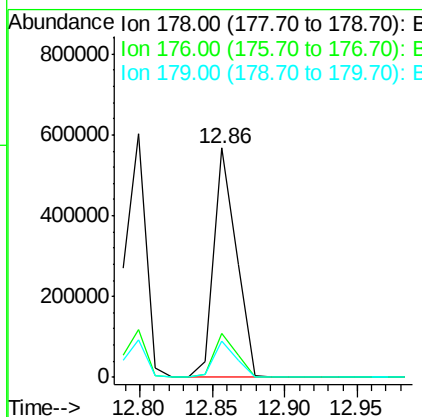
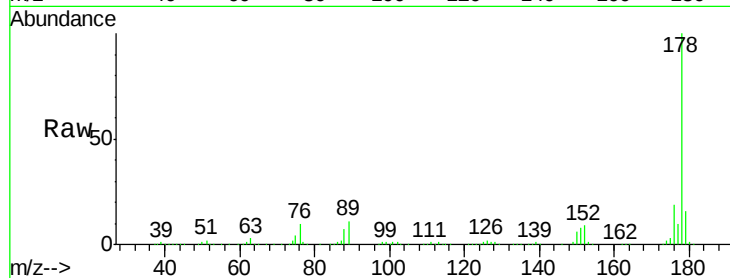
#71
 Anthracene
 Concen: 46.81 ng
 RT: 12.86 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	16.1	12.6	19.0

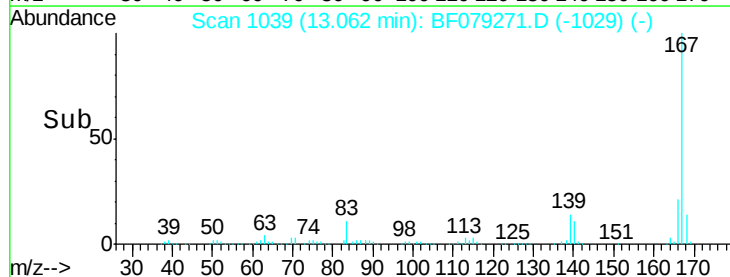
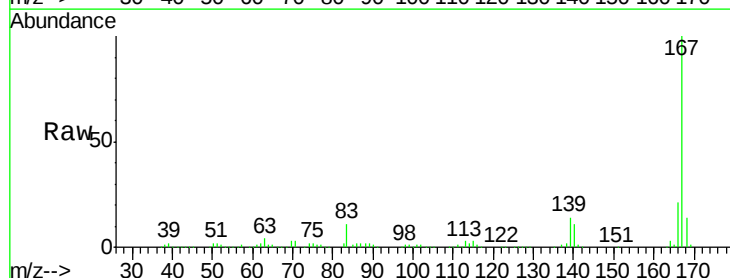
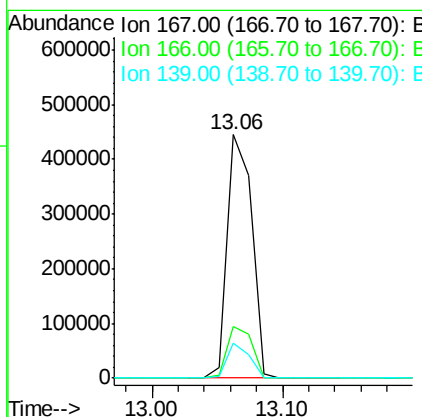
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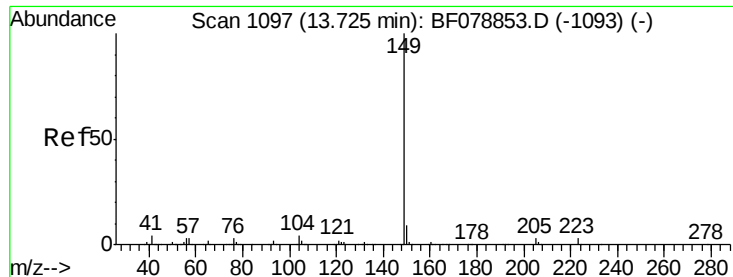
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#72
 Carbazole
 Concen: 46.61 ng
 RT: 13.06 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	14.4	11.0	16.4





#73

Di-n-butylphthalate

Concen: 47.98 ng

RT: 13.52 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

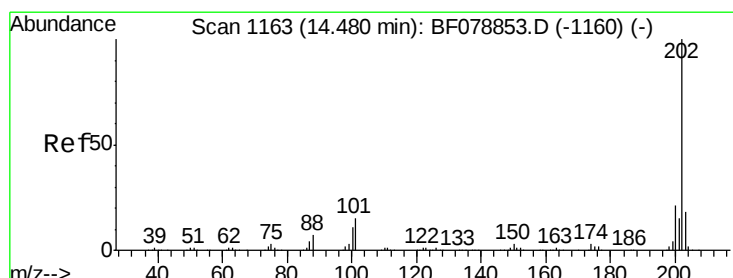
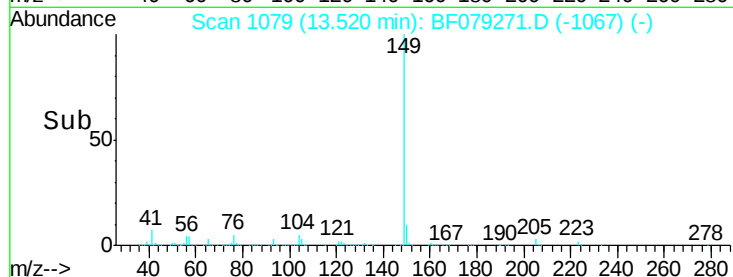
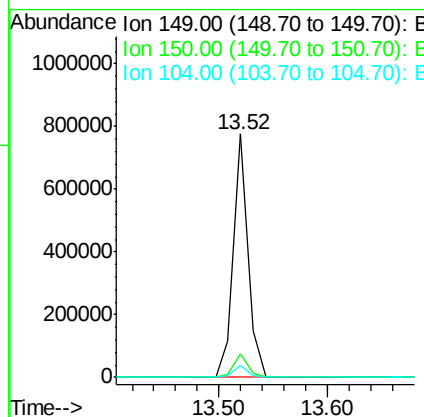
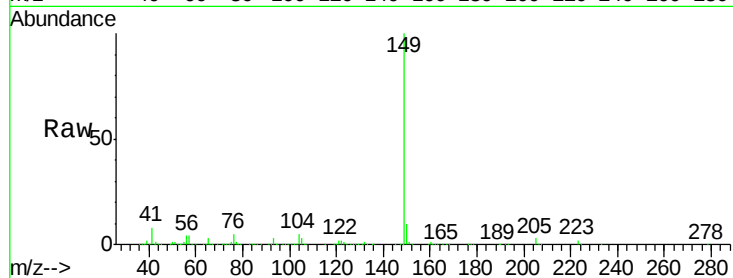
ClientSampleId :

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Tot Ion:	149	Resp:	717024
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.0	10.4
104	4.9	3.3	4.9

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#74

Fluoranthene

Concen: 47.95 ng

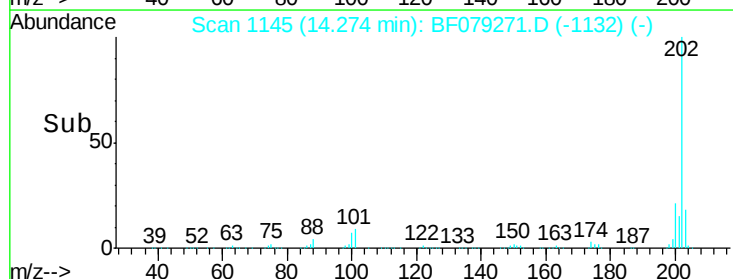
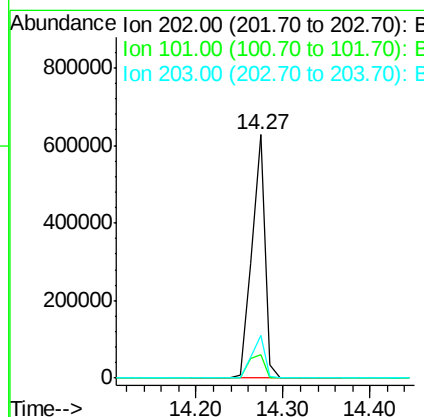
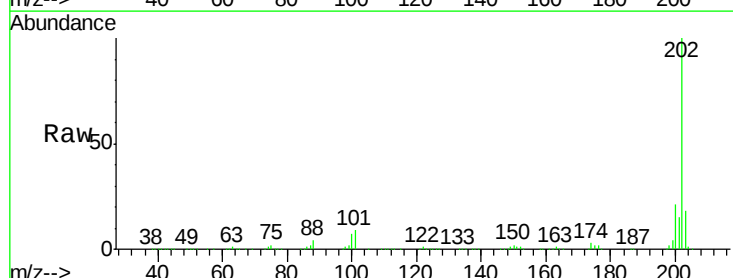
RT: 14.27 min Scan# 1145

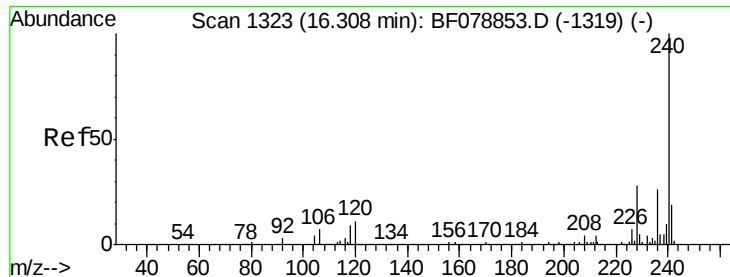
Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:	202	Resp:	665952
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	34.7
203	17.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.07 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

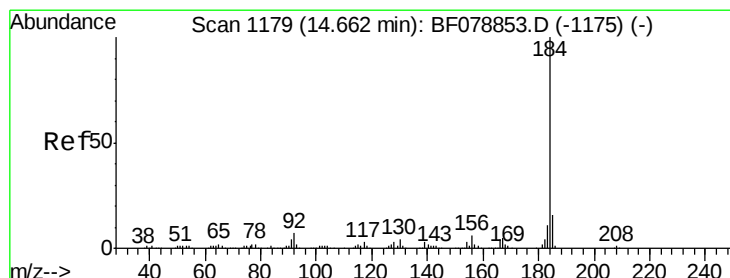
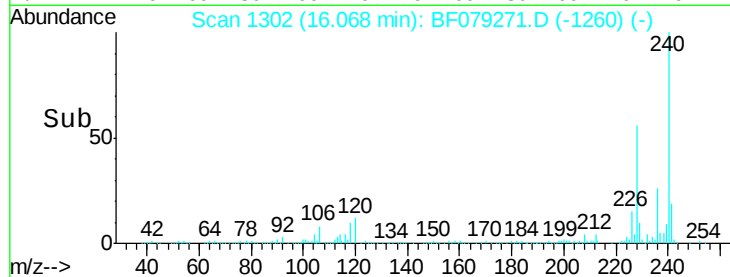
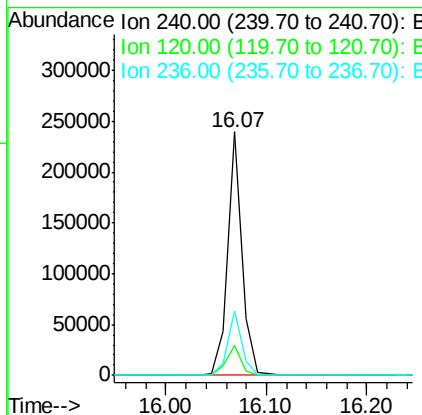
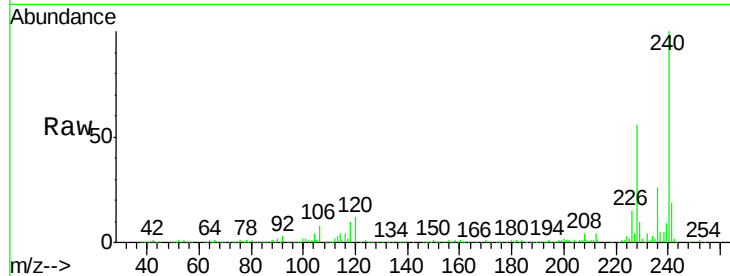
ClientSampleId :

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Tot Ion:	240	Resp:	237424
Ion Ratio	Lower	Upper	
240	100		
120	12.3	8.6	12.8
236	26.2	21.0	31.6

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#76

Benzidine

Concen: 13.09 ng

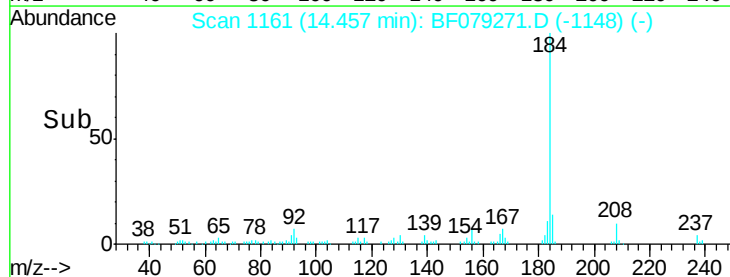
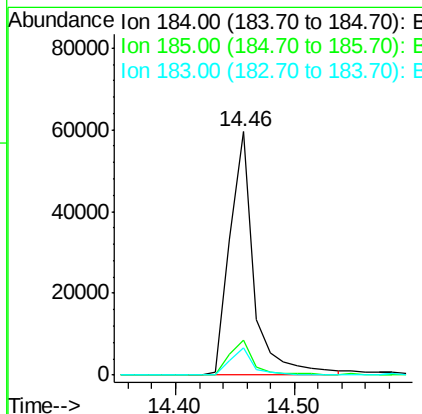
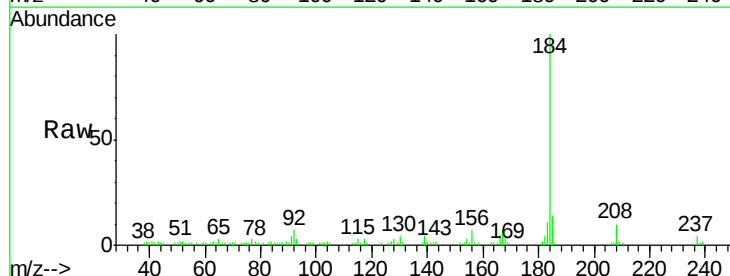
RT: 14.46 min Scan# 1161

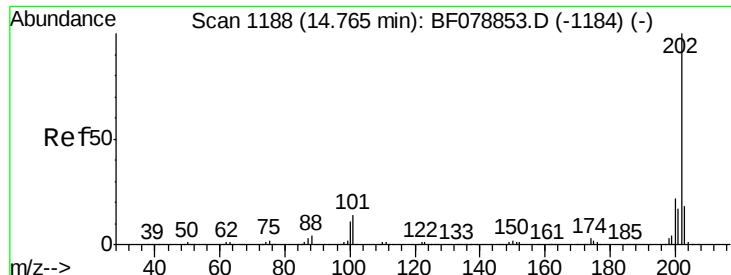
Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:	184	Resp:	83738
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.8	19.2
183	11.4	9.0	13.4





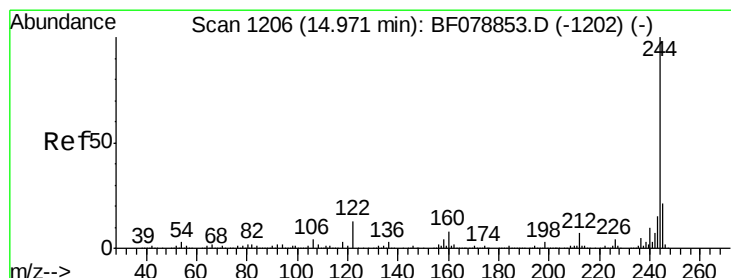
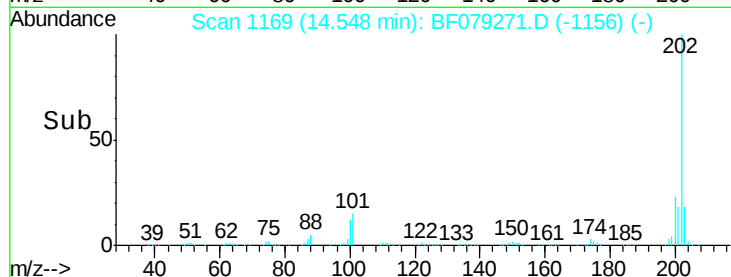
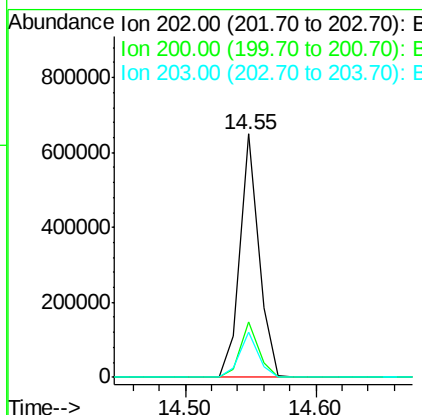
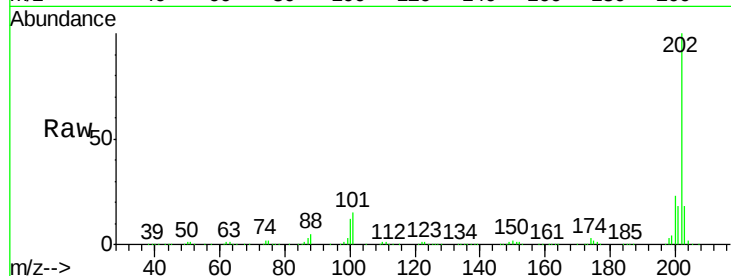
#77
Pvrene
Concen: 47.78 ng
RT: 14.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.6	17.5	26.3
203	18.3	14.7	22.1

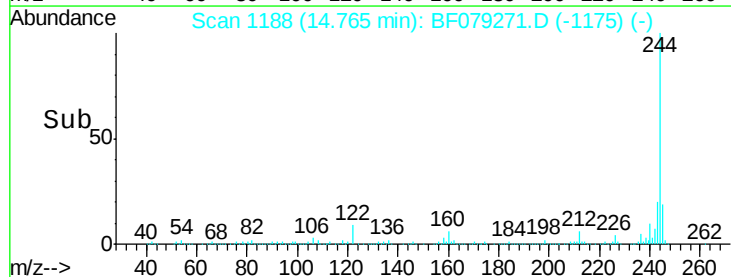
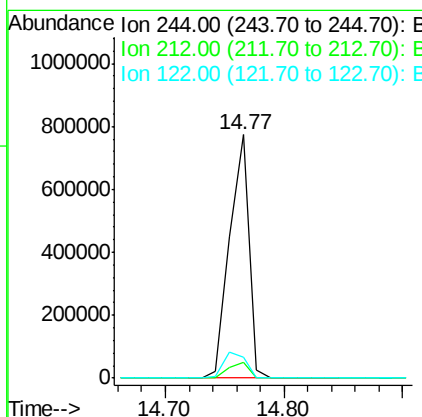
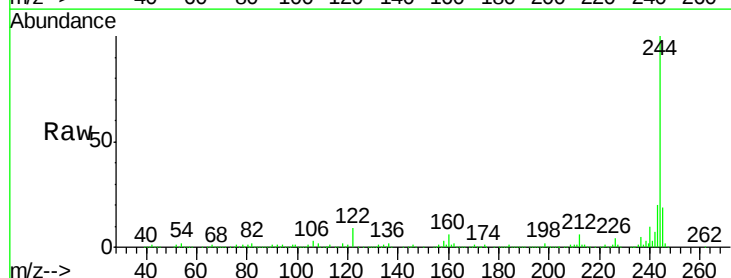
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#78
Terphenyl-d14
Concen: 88.01 ng
RT: 14.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.6	8.4
122	8.7	10.5	15.7





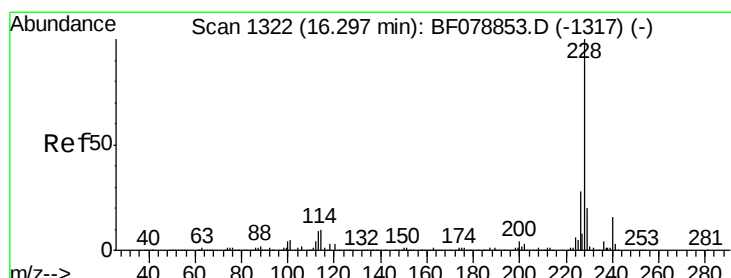
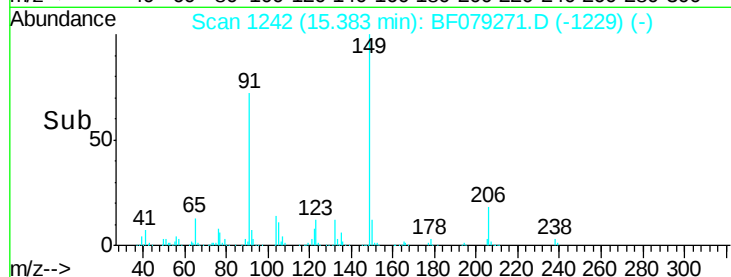
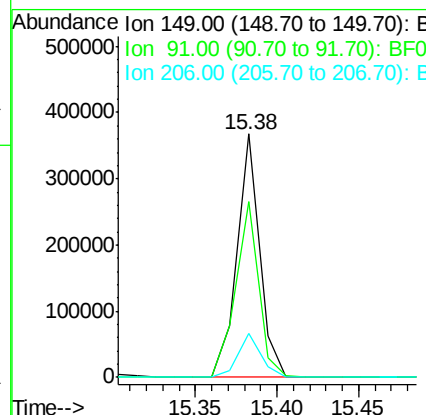
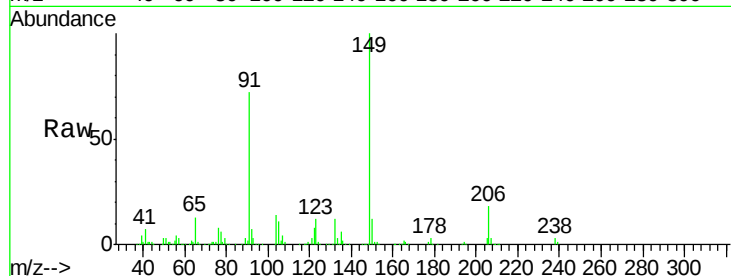
#79
Butylbenzylphthalate
Concen: 58.61 ng
RT: 15.38 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleID :
LAR9797-AMS

Tot Ion:	149	Resp:	350515
Ion Ratio	Lower	Upper	
149	100		
91	72.1	56.2	84.2
206	18.0	15.2	22.8

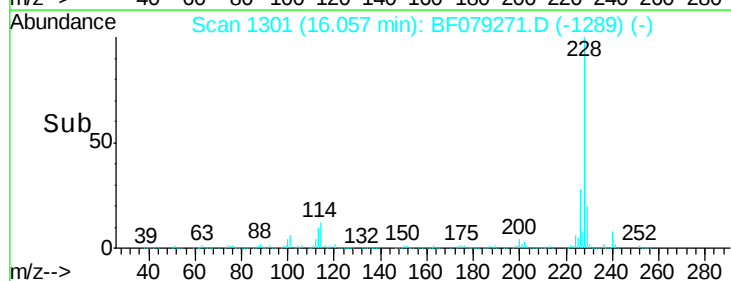
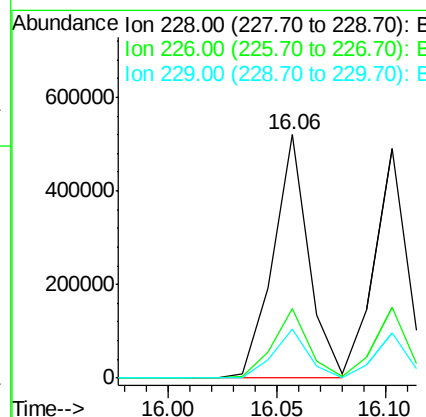
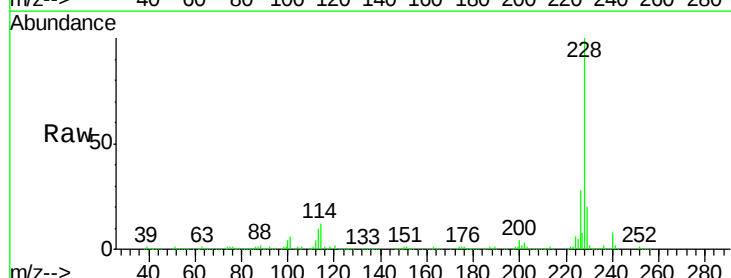
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#80
Benzo(a)anthracene
Concen: 45.57 ng
RT: 16.06 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion:	228	Resp:	592435
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.3	33.5
229	20.1	16.1	24.1





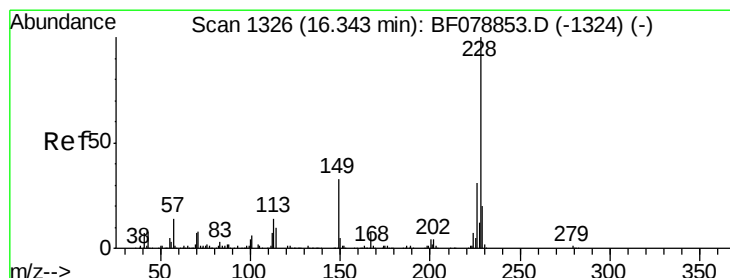
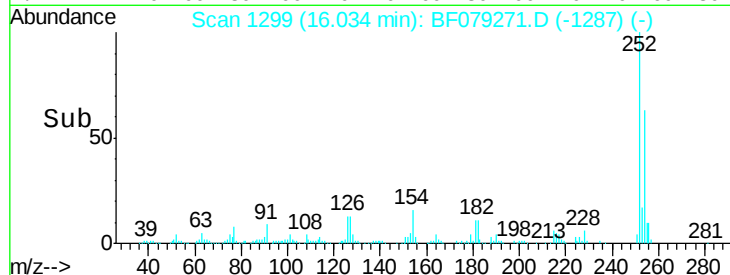
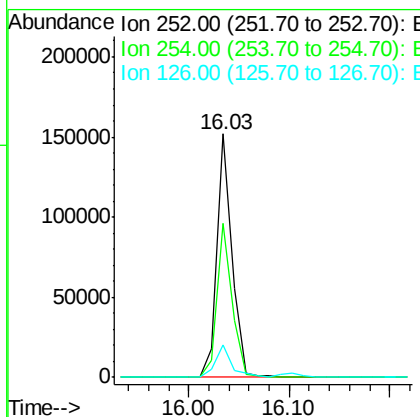
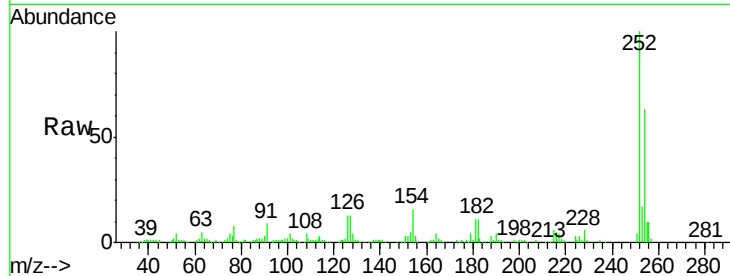
#81
 3,3'-Dichlorobenzidine
 Concen: 34.39 ng
 RT: 16.03 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	52.2	78.2
126	13.4	6.6	9.8

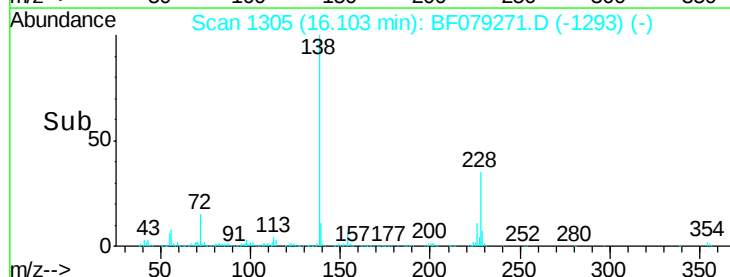
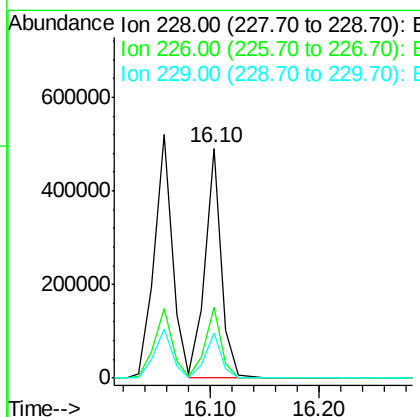
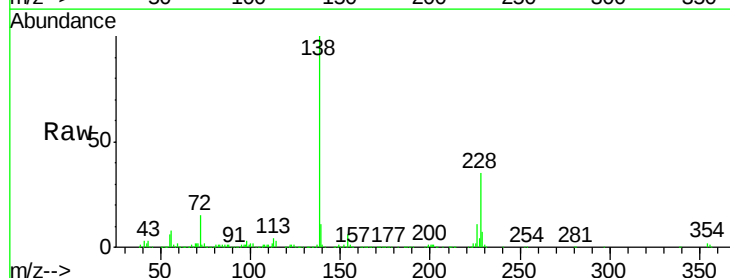
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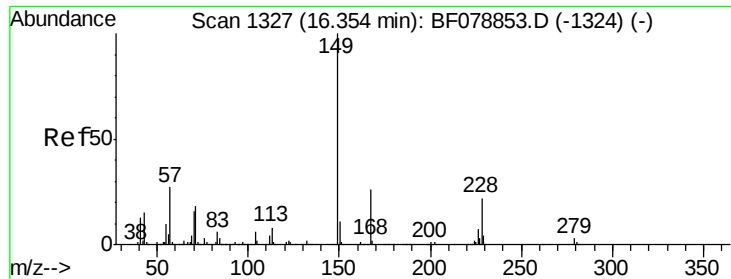
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#82
 Chrysene
 Concen: 41.06 ng
 RT: 16.10 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	24.8	37.2
229	19.9	16.1	24.1





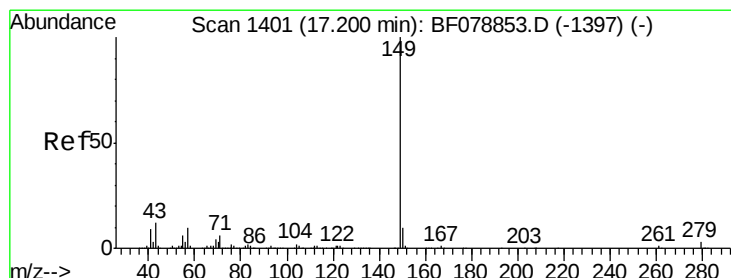
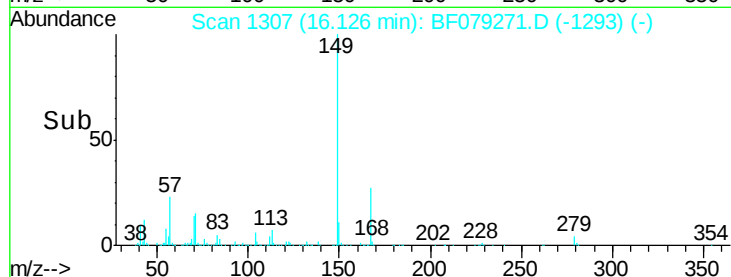
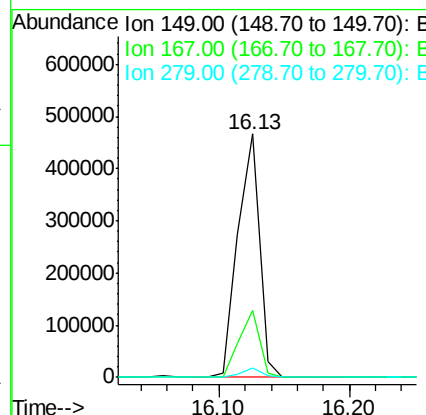
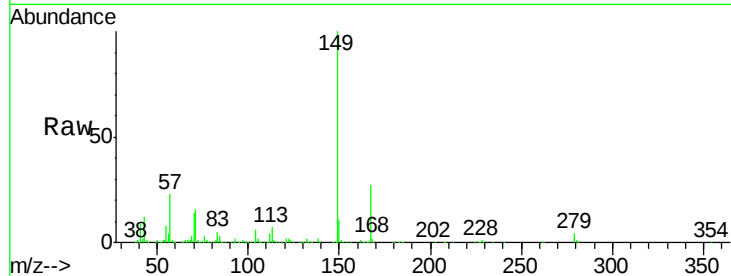
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.22 ng
 RT: 16.13 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.3	21.2	31.8	
279	3.7	2.6	4.0	

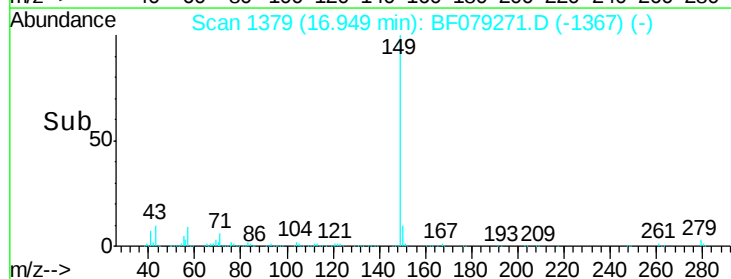
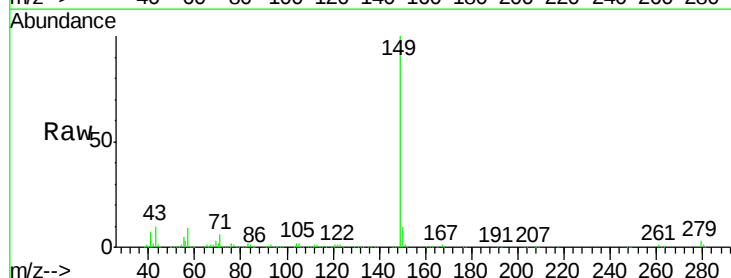
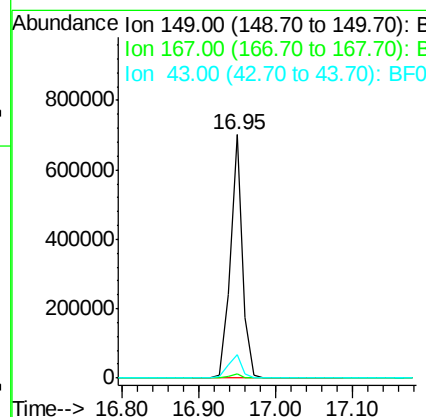
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#84
 Di-n-octyl phthalate
 Concen: 49.15 ng
 RT: 16.95 min Scan# 1379
 Delta R.T. -0.05 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	10.4	9.0	13.6	





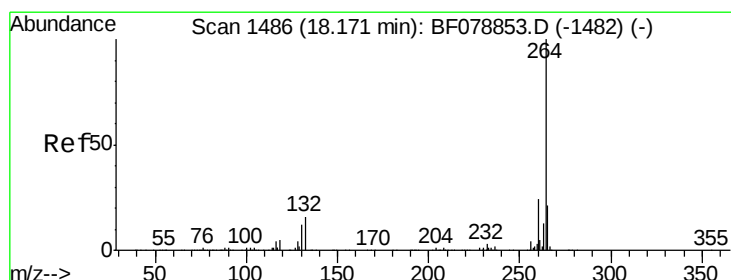
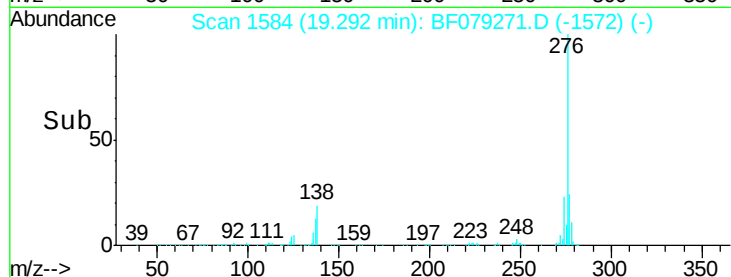
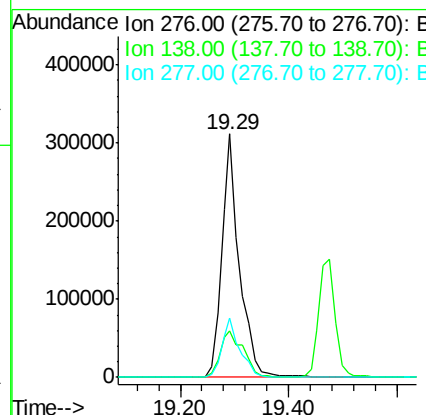
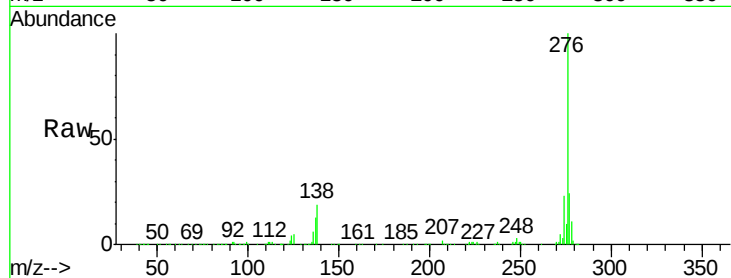
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.30 ng
RT: 19.29 min Scan# 1584
Delta R.T. -0.07 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion:	276	Resp:	705903
Ion Ratio	Lower	Upper	
276	100		
138	25.6	21.1	31.7
277	25.1	19.9	29.9

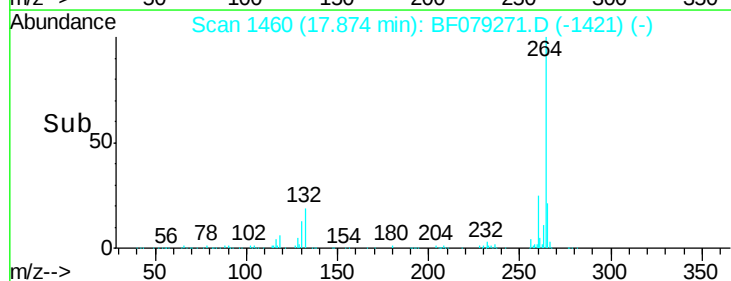
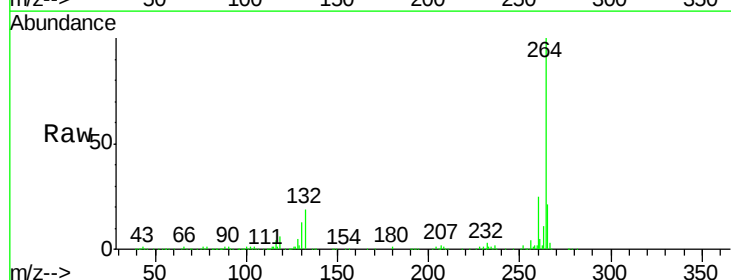
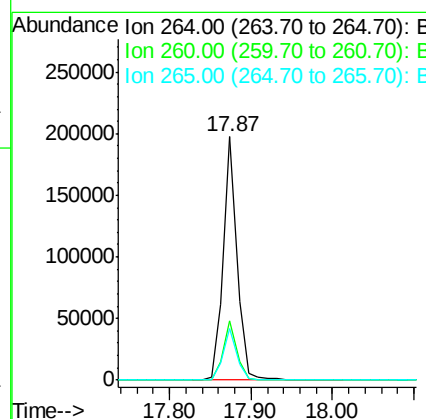
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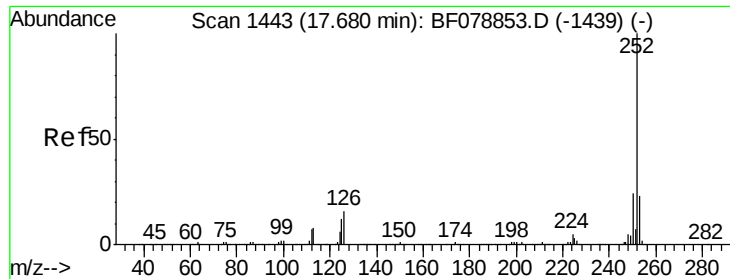
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1460
Delta R.T. -0.06 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion:	264	Resp:	231709
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.4	17.2	25.8





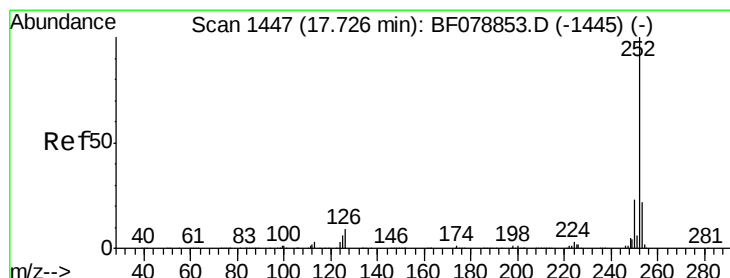
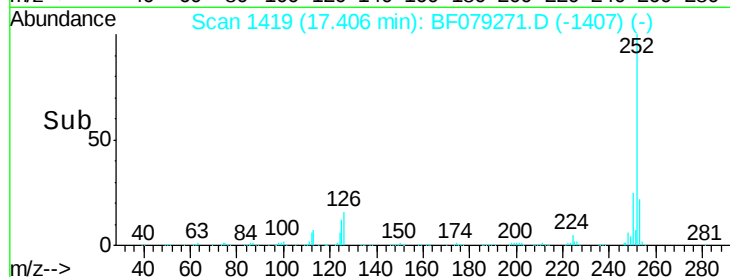
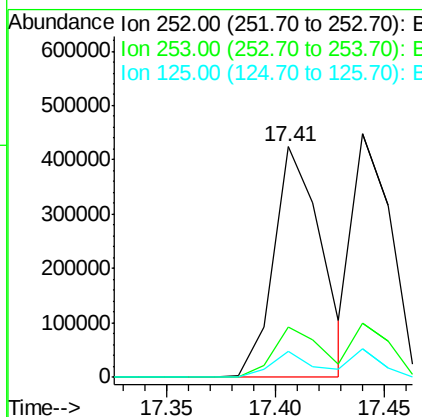
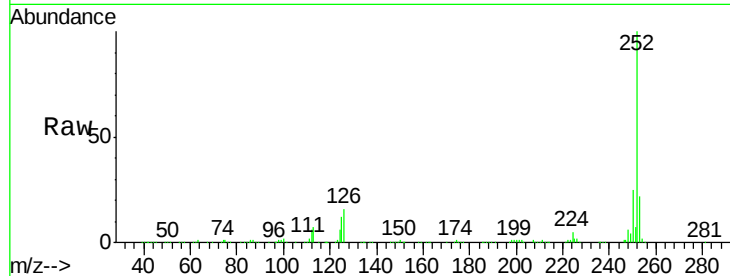
#87
Benzo(b)fluoranthene
Concen: 51.05 ng
RT: 17.41 min Scan# 1419
Delta R.T. -0.05 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	647460		
253	22.1		18.1	27.1
125	11.5		9.4	14.2

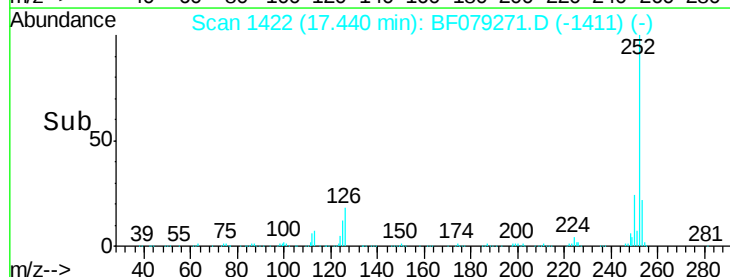
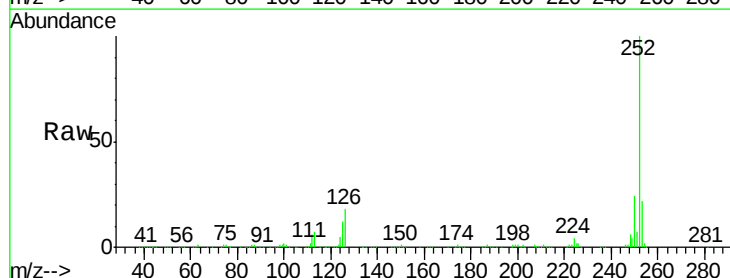
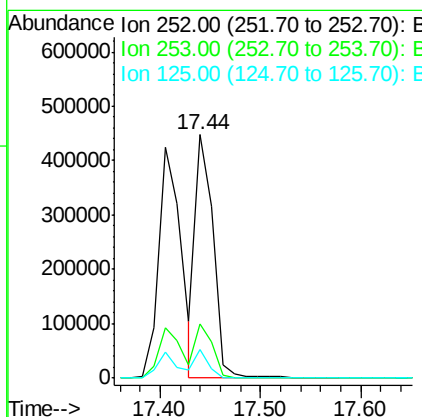
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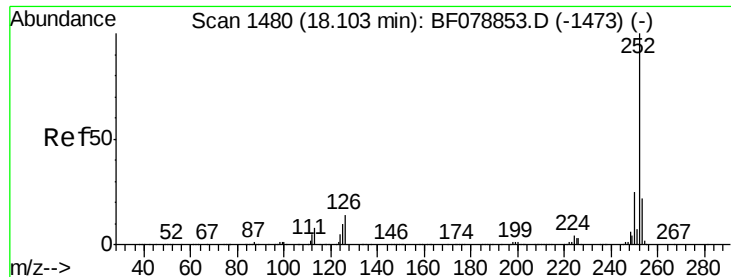
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#88
Benzo(k)fluoranthene
Concen: 44.99 ng
RT: 17.44 min Scan# 1422
Delta R.T. -0.06 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	552383		
253	22.2		17.4	26.0
125	11.6		6.1	9.1#





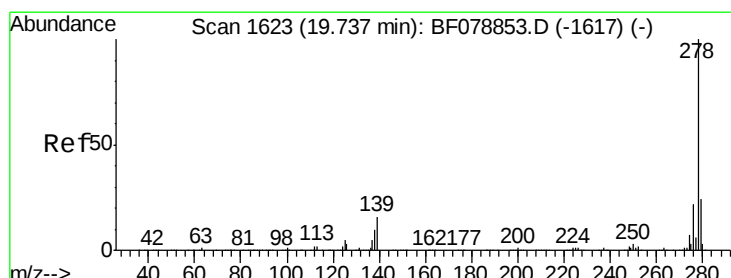
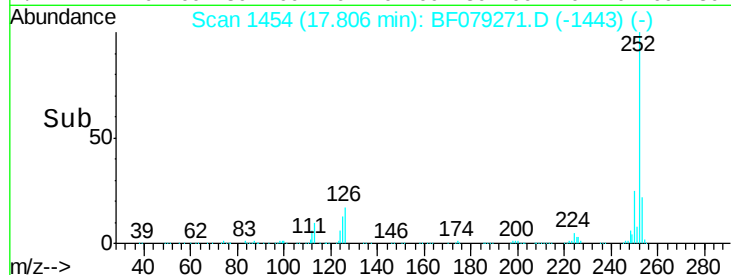
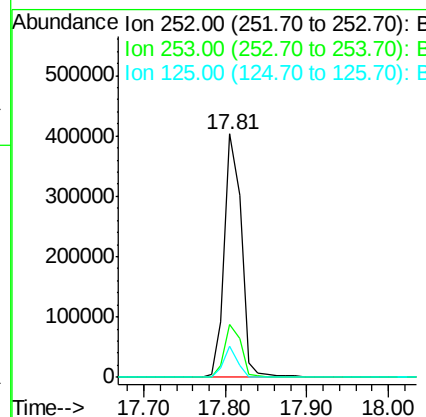
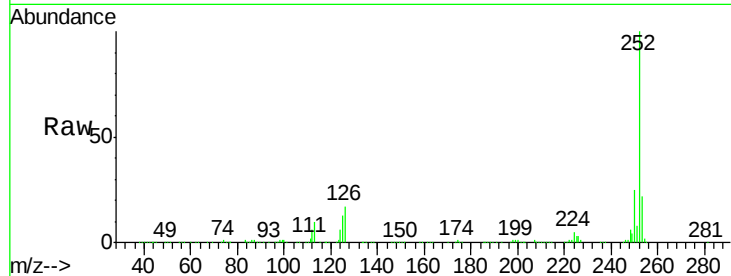
#89
Benzo(a)pyrene
Concen: 49.91 ng
RT: 17.81 min Scan# 1454
Delta R.T. -0.06 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	18.0	27.0
125	12.6	8.2	12.2

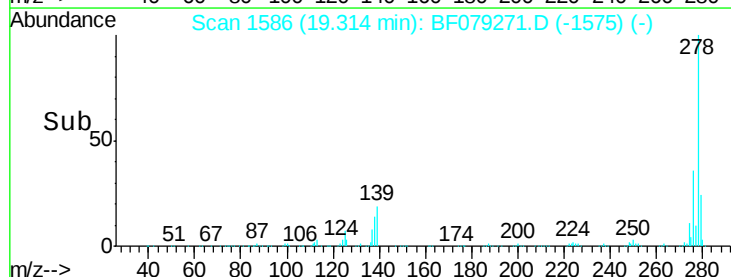
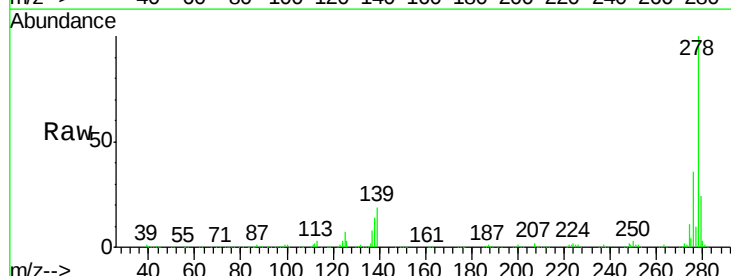
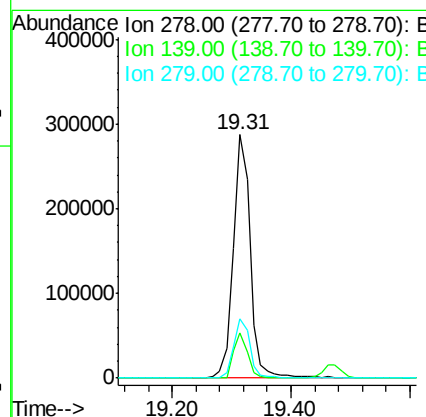
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#90
Dibenzo(a,h)anthracene
Concen: 45.81 ng
RT: 19.31 min Scan# 1586
Delta R.T. -0.08 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	18.6	13.1	19.7
279	24.2	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 47.31 ng
 RT: 19.70 min Scan# 1620
 Delta R.T. -0.08 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tot Ion:	276	Resp:	588542
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.5	15.2	22.8

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